

## **Balkone, Griffe**

franz. Balkon-Sets / Geländer-Sets / Absturzsicherungen / Griffe

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## **Befestigungen / Muster**

Schrauben / Sprays / Briefkästen / Hausnummern / Musterboxen

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## **Drahtseile / Zubehör**

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## **Fittings / Stecksysteme**

rund / vierkant

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## **Geländerpfosten**

aufgesetzte- und vorgesetzte Montage

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## **Glasgeländersysteme Crosilux ®1.0**

Bodenprofile / Abdeckungen / Zubehör

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## **Glasklemmen / Punkthalter**

halbrund / rund / vierkant

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## **Kappen**

Rändelkappen hohl, massiv / Einschlagkappen

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## **Kugeln**

Halbhohlkugel / Hohlkugel / Kugelringe / Vollkugel

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## **Nutrohre / Einfassprofile**

rund / oval / vierkant / Zubehör

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## **Rohre / Vollmaterial**

rund / vierkant

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## **Rohrstützen, Handlaufträger**

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## **Rosetten**

rund / vierkant

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## **Schmiedeeisen / Halbfertigteile**

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## **Torzubehör**

Schlösser / Torbänder / Torantriebe

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## **Traversenhalter**

Stabclips / Adapter / Rohranschlüsse

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## **Verbindungsstifte / Trägerplatten**

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## **Vordachzubehör**

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## **Wand- und Bodenanker / Flansche / Ronden**

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## **Zertifikate**

|                                                                                |           |
|--------------------------------------------------------------------------------|-----------|
| <b>Balconies, Handles</b><br>juliette balconies / railings sets / Ghandles     | <b>1</b>  |
| <b>Fixings</b><br>screws / bolt anchors / glues / spray / letter box / samples | <b>2</b>  |
| <b>Wire system</b><br>wire / component parts                                   | <b>3</b>  |
| <b>Fitting</b><br>adaptors / elbows / joints / connectors                      | <b>4</b>  |
| <b>Balustrade</b><br>fixed-point installation / advanced installation          | <b>5</b>  |
| <b>Glass Balustrade Crosilux® 1.0</b><br>base profiles / component parts       | <b>6</b>  |
| <b>Glass Holder</b>                                                            | <b>7</b>  |
| <b>End caps</b>                                                                | <b>8</b>  |
| <b>Balls, Spheres</b>                                                          | <b>9</b>  |
| <b>Slotted stainless tubes</b>                                                 | <b>10</b> |
| <b>Tubes</b>                                                                   | <b>11</b> |
| <b>Handrail supports</b>                                                       | <b>12</b> |
| <b>Base covers</b><br>round / square                                           | <b>13</b> |
| <b>Wrought iron</b>                                                            | <b>14</b> |
| <b>Gate fixings</b><br>locks / gate hinge / traction system for gates          | <b>15</b> |
| <b>Cross bar holders</b>                                                       | <b>16</b> |
| <b>Support pins</b>                                                            | <b>17</b> |
| <b>Canopy</b>                                                                  | <b>18</b> |
| <b>Anchor, flange, discs</b>                                                   | <b>19</b> |
| <b>Certificates / loading calculations</b>                                     | <b>20</b> |



## Systèmes anti-chute

bâlcons français / sets de garde-corps / poignées

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## Fixations et échantillons

visserie / sprays / échantillons

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## Câbles et accessoires

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## Raccords et pièces de jonctions

ronds / carrés

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## Poteaux de garde-corps

sur platine à fixation latérale

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## Systèmes de profilés pour garde-corps en verre Crosilux® 1.0

profilés / capots / embouts / accessoires

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## Pinces à verre

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## Bouchons

moletés / creux / massifs

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## Sphères et bagues

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## Tube à gorge et accessoires

rond / oval / carré / accessoires

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## Tubes et barres

ronds / carrés

---

## Supports de main-courante

muraux / sur poteaux

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## Cache-platines

ronds / carrés

---

## Fer Forgé

accessoires

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## Accessoires pour portails

boîtiers serrure / herses / charnières

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## Supports de lisses

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## Tiges et platines support, raccords

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## Accessoires pour auvent et marquise

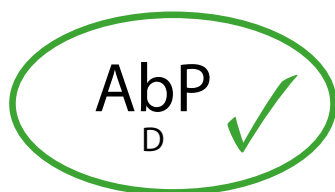
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## Platines d'ancrage et platines à souder

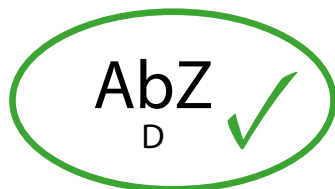
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## Certificats / Rapports d'essais

|                                                                                                        |           |
|--------------------------------------------------------------------------------------------------------|-----------|
| <b>Balconi, Maniglie</b><br>Balconi francesi-kit / Rhingiere-kit/ Maniglie / Protezioni anticaduta-kit | <b>1</b>  |
| <b>Accessori di fissaggio</b><br>Ancoranti / Tasselli / Rivetti / Viti / merchandising                 | <b>2</b>  |
| <b>Funi e accessori</b>                                                                                | <b>3</b>  |
| <b>Raccordi ad innesto</b><br>curev / giunzione / ancoraggi                                            | <b>4</b>  |
| <b>Ringhiere</b>                                                                                       | <b>5</b>  |
| <b>Parapetti in vetro Crosilux® 1.0</b><br>Profili di base                                             | <b>6</b>  |
| <b>Supporti per vetro</b><br>tondi / semitondi / quadrati                                              | <b>7</b>  |
| <b>Verbindungsstifte / Trägerplatten</b>                                                               | <b>8</b>  |
| <b>Sfere</b><br>Vuote / piene / semisfere / anelli sferici                                             | <b>9</b>  |
| <b>Tubo scanalato</b><br>accessori                                                                     | <b>10</b> |
| <b>Tubi/ Barrame</b>                                                                                   | <b>11</b> |
| <b>Reggicorrimano</b>                                                                                  | <b>12</b> |
| <b>Copriflange</b><br>tonde / quadrate                                                                 | <b>13</b> |
| <b>Ferro Battuto</b>                                                                                   | <b>14</b> |
| <b>Accessori per cancelli</b><br>quarreserature / cerniere / automazione                               | <b>15</b> |
| <b>Supporti per tondini</b>                                                                            | <b>16</b> |
| <b>Giunzioni, Piastre Sella</b>                                                                        | <b>17</b> |
| <b>Tettoie</b>                                                                                         | <b>18</b> |
| <b>Anclaje, flagia, dischi e flange</b>                                                                | <b>19</b> |
| <b>Certificati / Statica</b>                                                                           | <b>20</b> |



Allgemeines bauaufsichtliches Prüfzeugnis



Allgemeine bauaufsichtliche Zulassung



Typenstatik Bodenprofil / Brüstungsverglasung



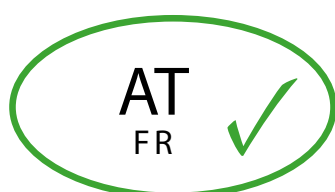
Typenstatik Bodenprofil / Brüstungsverglasung



Dimensionamento Parapetto in vetro  
e sottostruttura



Typenstatik Glasbrüstungen



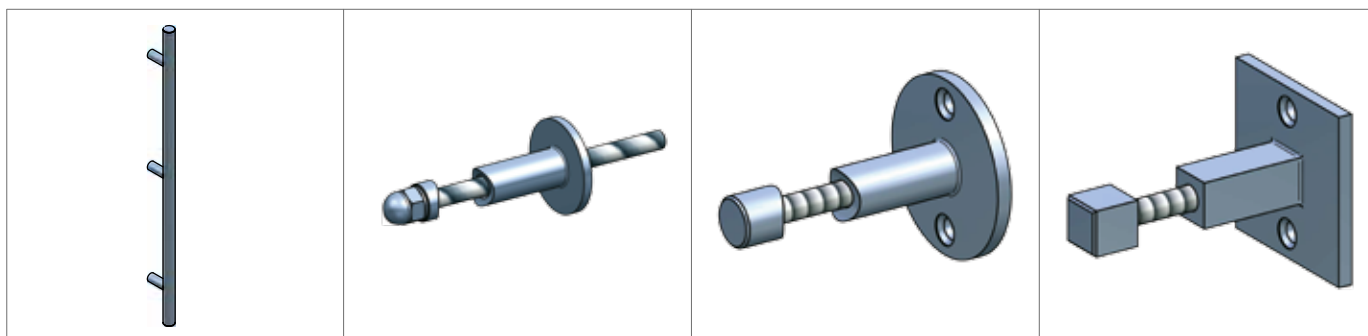
Rapport d'essai statique  
Certificat de conformité pour les profilés au sol

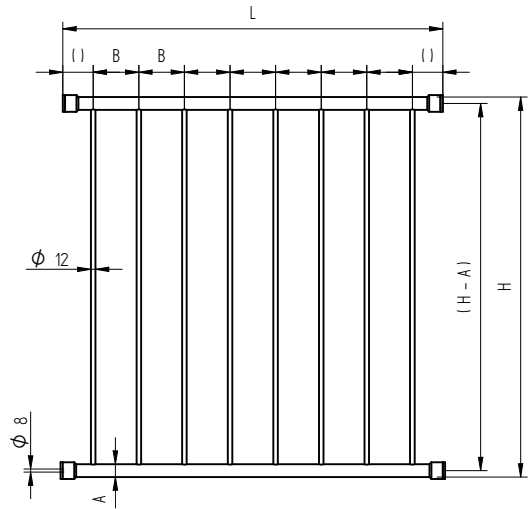
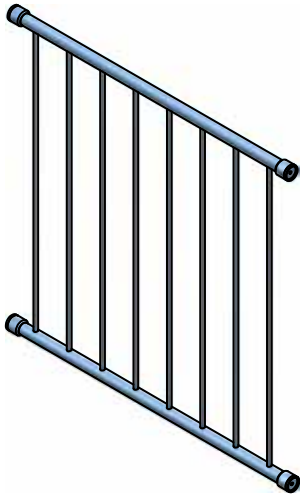




## Balkone, Griffe

Balconies, Handles / Systèmes anti-chute, poignées / Balconi, Maniglie





Französischer Balkon, montagefertiger Bausatz Befestigung innerhalb der Laibung  
Juliette balcony, installation-ready assembly set, fixing within the soffit / Balcon français, kit pour montage entre ébrasements de fenêtres / Balcone francese, kit pronto per il montaggio

| #                                            | Material      | Form     |
|----------------------------------------------|---------------|----------|
| geschliffen / satin finish / brossé satinato |               |          |
| AN9700200                                    | V2A; AISI 304 | rund     |
| AN9700250                                    | V2A; AISI 304 | vierkant |

(L) Gesamtlänge  
Total lenght / Longueur totale / Lunghezza totale

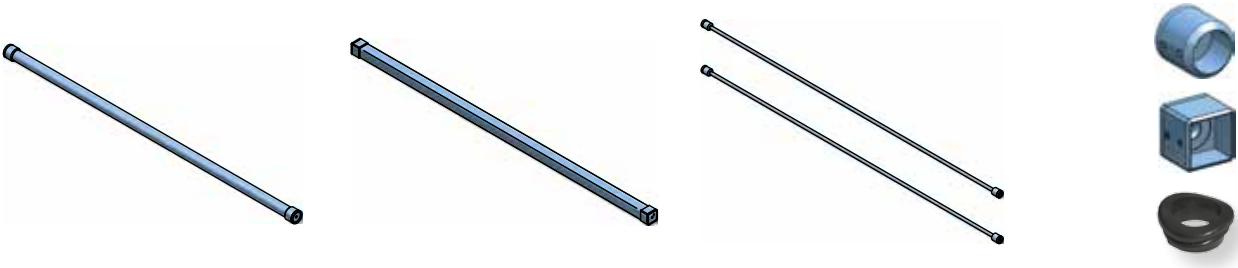
(Ø) Stäbe  
Round material / Tiges rondes / Tondini

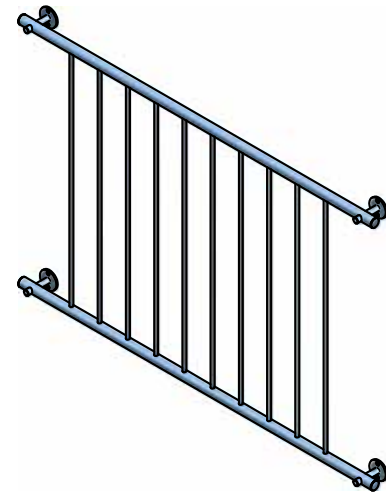
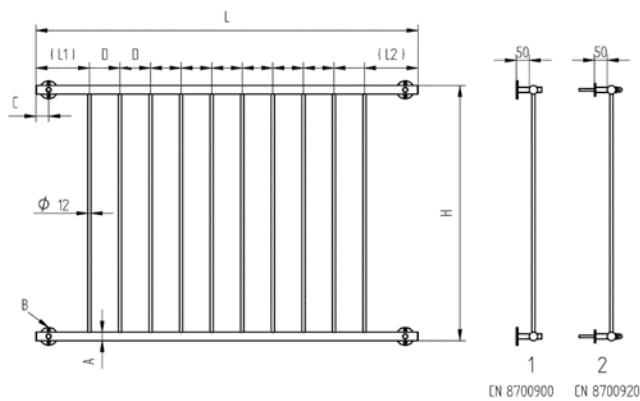
- ☐  Ø 10
- ☐  Ø 12

(A) Unter- und Obergurt  
Lower and upper chord / Membrane inférieure et supérieure / Traversa superiore / inferiore

- ☐  Ø 33,7
- ☐  30 x 30

(B) Abstandmaß (bei unsymmetrischen Abständen, bitte alphabetisch fortfahren)  
Separation distance measurement (in case of asymmetric separation distances, please continue alphabetically) / Dimension de l'intervalle (pour des dimensions asymétriques, compléter la liste alphabétique) / Interasse (se irregolare, proseguire seguendo l'ordine alfabetico).





| #                                            | Material      | Unter- Obergurt | Stäbe |
|----------------------------------------------|---------------|-----------------|-------|
| geschliffen / satin finish / brossé satinato |               |                 |       |
| AN9700100                                    | V2A; AISI 304 | Ø 33,7          | Ø 10  |
| AN9700110                                    | V2A; AISI 304 | Ø 33,7          | Ø 12  |
| AN9700150                                    | V2A; AISI 304 | 30 x 30         | Ø 10  |
| AN9700160                                    | V2A; AISI 304 | 30 x 30         | Ø 12  |

### Französischer Balkon montagefertiger Bausatz

Juliette balcony installation-ready assembly set / Balcon français kit pour montage en façade de fenêtres / Balcone francese kit pronto per il montaggio

(L) Gesamtlänge  
Total length / Longueur totale / Lunghezza totale

(H) Höhe  
Height / Hauteur / Tondini

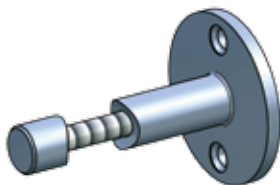
□ (B) Standard rund: Ronde Ø 70 mm, Bohrung für 2 x M6 Senkkopf  
Circulare 70mm mounting plate, c/w 2no M6 countersunk / Platine standard ronde Ø 70 mm, perçages pour tête fraisée 2 x M6 / Piastra rotenda di ancoraggio Ø 70 mm, 2 fori per vite a testa svasata M6

□ Standard quadratisch: Platte 70 x 70 mm, Bohrung für 2 x M6 Senkkopf  
Square 70mm mounting plate, c/w 2no M6 countersunk / Platine standard ronde Ø 70 mm, perçages pour tête fraisée 2 x M6 / Piastra rettangolare di ancoraggio 70x70 mm, 2 fori per vite a testa svasata M6

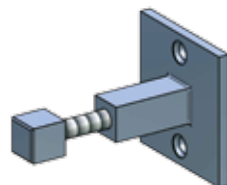
□ Ronde Ø 50 mm, Mittelbohrung Ø 12,5 mm (nur für Ø 33,7 mm)  
Circulare mounting plate for 33,7 Ø only / Platine ronde Ø 50 mm, perçage Ø 12,5 mm / Piastra di ancoraggio Ø 50 mm con foro centrale Ø 12,5 mm / (soltanto per Ø 33,7 mm)  
(für Montage mit Gewindestange M10 oder z. B. Fischer Dübel Thermax, Anschlussgewinde M10)  
for installation with threaded rod or e.g. Fischer Dowel Thermax) / (pour montage avec tige filetée ou par exemple cheville Fischer Thermax) / (per montaggio con asta filettata o per es. con tasselli Fischer Thermax)

(C) Abstandmaß  
Wall plate distance from edge / Dimension de l'intervalle / Interasse

(D) Abstandmaß (bei unsymmetrischen Abständen, bitte alphabetisch fortfahren)  
Separation distance measurement (in case of asymmetric separation distances, please continue alphabetically) / Dimension de l'intervalle (pour des dimensions asymétriques, compléter la liste alphabétique) / Interasse (se irregolare, proseguire seguendo l'ordine alfabetico).



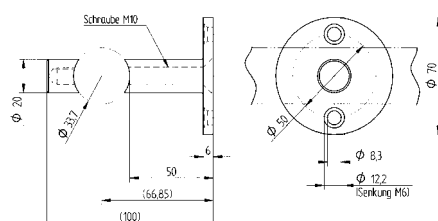
Wandadapter für Rundrohr  
wall anchor / Adaptateur pour tube rond / Adattatore da parete per tubo tondo



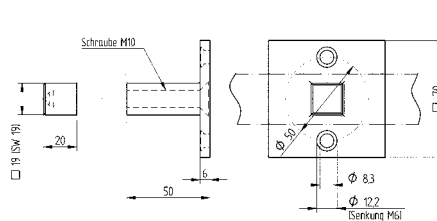
Wandadapter für Vierkantröhr  
wall anchor / Adaptateur pour tube carré / Adattatore da parete per tubo quadrato



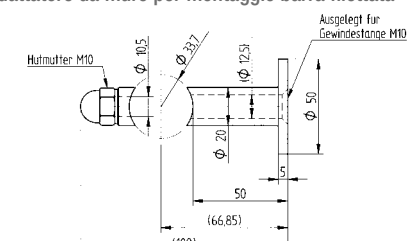
Wandadapter für Montage mit Gewindestange  
wall anchor / Adaptateur avec tige filetée / Adattatore da muro per montaggio barra filettata



| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN8700900                                      | V2A; AISI 304 |

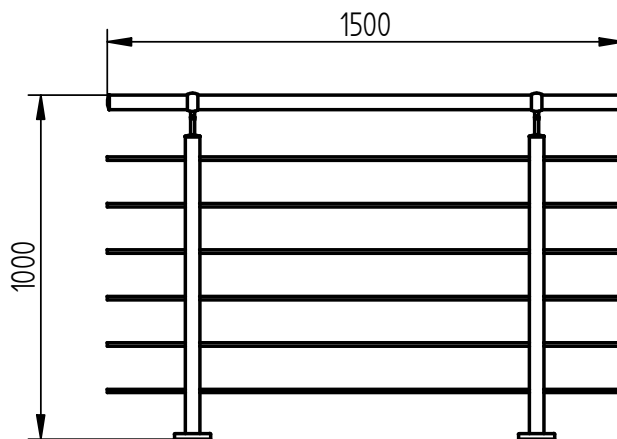
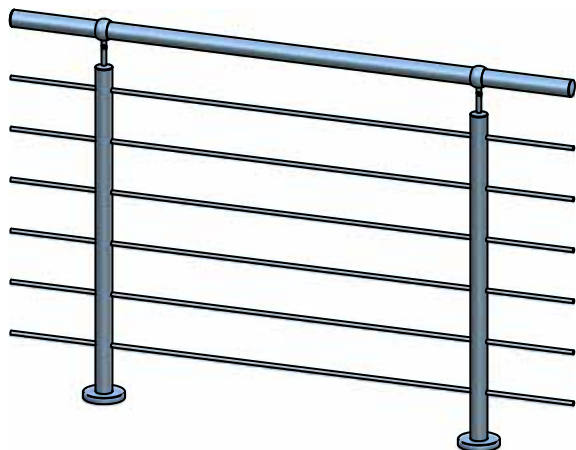


| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN8700950                                      | V2A; AISI 304 |



| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN8700920                                      | V2A; AISI 304 |



**Set Edelstahlgeländer, fertig für aufgesetzte Montage**

Stainless steel railing set, produced for attachment installation / Set de garde-corps inox fixés sur platine / Ringhiera in acciaio inossidabile- kit pronto per il montaggio

**bestehend aus:**

- 1 x Edelstahlhandlauf Ø 42,4 x 2,0 mm, Oberfläche geschliffen, Länge 1.500 mm
- 6 x Edelstahlrundmaterial Ø 10,0 mm, in Längen à 1.500 mm
- 2 x Edelstahlpfosten mit sechs Durchgangsbohrungen Ø 10,2 mm, inkl. Handlaufaufnahme
- 2 x Endkappen für Rundrohr Ø 42,4 x 2,0 mm

**consisting of:**

- 1 x stainless steel hand rail Ø 42.4 x 2.0 mm, satin finish, 1,500 mm length
- 6 x stainless steel round material Ø 10.0 mm, in lengths each 1,500 mm
- 2 x stainless steel posts with six penetration bores Ø 10.2 mm, including hand rail receptacle
- 2 x caps for tube Ø 42.4 x 2.0 mm

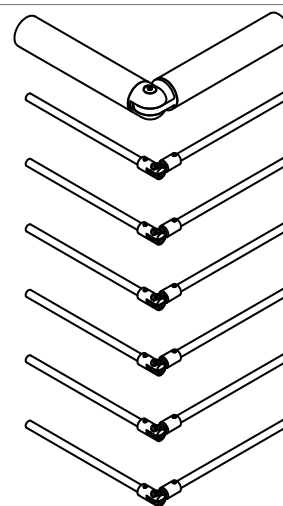
| #                                            | Material      |
|----------------------------------------------|---------------|
| geschliffen / satin finish / brossé satinato |               |
| CN8700900                                    | V2A; AISI 304 |

**constitué de :**

- 1 x main-courante en inox Ø 42,4 x 2 mm brossé, longueur 1500 mm
- 6 x lisses en inox Ø 10 mm, longueur 1500 mm
- 2 x poteaux en inox avec 6 perçages débouchants Ø 10,2 mm, dont les supports de main-courante
- 2 x embouts pour tube rond Ø 42,4 mm x 2,0 mm

**composto da:**

- 1 x corrimano Ø 42,4 mm x 2,0 mm, superficie satinata, lunghezza 1500 mm
- 6 x tondi Ø 10 mm, in lunghezze da 1500 mm
- 2 x montanti in acciaio inossidabile con 6 fori passanti Ø 10,2 mm, reggicorrimano no inclusi
- 2 x terminali per tubo Ø 42,4 x 2,0 mm

**Eckenset Edelstahlgeländer, fertig für aufgesetzte Montage**

Stainless steel railing corner set, produced for attachment installation / Set pour réaliser les angles de garde-corps en inox fixés sur platine / Kit angolare per ringhiera in acciaio inossidabile - pronto per il montaggio

**bestehend aus:**

- 1 x Gelenkbogen, Steckfitting für Handlauf Ø 42,4 x 2,0 mm
- 6 x Gelenkverbinder für Rundmaterial Ø 10,0 mm
- 1 x Epoxyd - Spezialminutenkleber

**consisting of:**

- 1 x articulated bend, insert fitting for hand rail Ø 42.4 x 2.0 mm
- 6 x articulated connector for round stock Ø 10.0 mm
- 1 x epoxy - special minute-adhesive

| #                                            | Material      |
|----------------------------------------------|---------------|
| geschliffen / satin finish / brossé satinato |               |
| AN9500120                                    | V2A; AISI 304 |

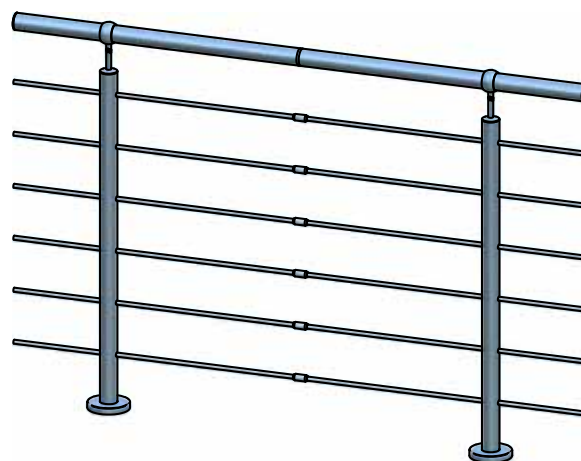
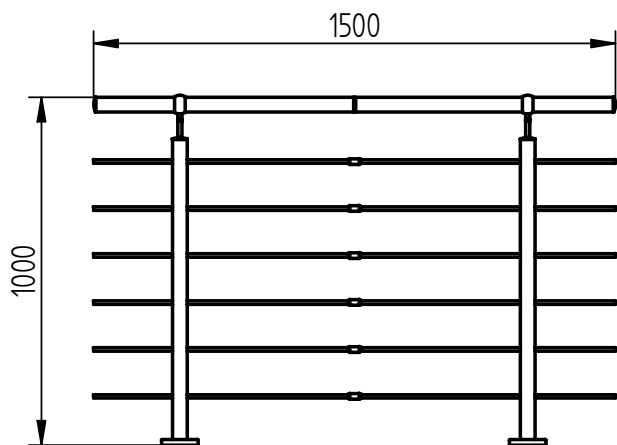
**constitué de :**

- 1 x coude articulé, raccordement pour la main courante Ø 42,4 x 2,0 mm
- 6 x raccord articulé à manchonner pour matériel rond Ø 10,0 mm
- 1 x Colle-rapide époxye

**composto da:**

- 1 x angolare snodato ad innesto, per corrimano Ø 42,4 x 2,0 mm
- 6 x raccordi angolari per tondi Ø 10,0 mm
- 1 x colla epossidica ultra rapida a 2 componentii





| #                                            | Material      |
|----------------------------------------------|---------------|
| geschliffen / satin finish / brossé satinato |               |
| AN9500110                                    | V2A; AISI 304 |

## bestehend aus:

- 1 x Edelstahlhandlauf Ø 42,4 x 2,0 mm, Oberfläche geschliffen, Länge 1.500 mm
- 6 x Edelstahlrundmaterial Ø 10,0 mm, in Längen á 1.500 mm
- 2 x Edelstahlpfosten mit sechs Durchgangsbohrungen Ø 10,2 mm, inkl. Handlaufaufnahme
- 1 x Rohrverbinder für Edelstahlhandlauf Ø 42,4 x 2,0 mm
- 6 x Verbinder für Edelstahlrundmaterial Ø 10,0 mm

## consisting of:

- 1 x stainless steel hand rail Ø 42.4 x 2.0 mm, ground surface, 1,500 mm length
- 6 x stainless steel round stock Ø 10.0 mm, in lengths each 1,500 mm
- 2 x stainless steel posts with six penetration bores Ø 10.2 mm, including hand rail receptacle
- 1 x pipe connector for stainless steel hand rail Ø 42.4 x 2.0 mm
- 6 x connectors for stainless steel round material Ø 10.0 mm

## Erweiterungsset Edelstahlgeländer, fertig für aufgesetzte Montage

Stainless steel railing extension set, produced for attachment installation / Set de raccordement de garde-corps inox fixés sur platine / Ampliamento ringhiera in acciaio inossidabile - kit pronto per il montaggio

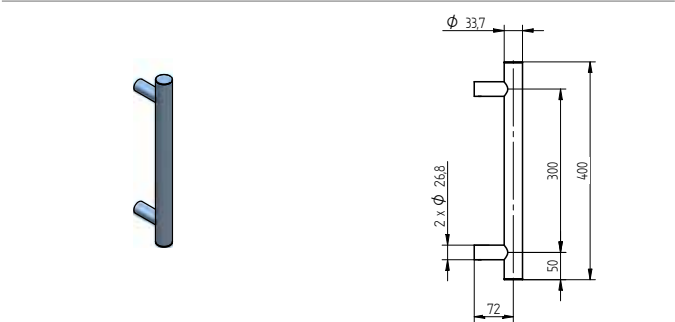
## constitué de

- 1 x main-courante en inox Ø 42,4 x 2 mm brossé, longueur 1500 mm
- 6 x lisses en inox Ø 10 mm, longueur 1500 mm
- 2 x poteaux en inox avec 6 perçages débouchants Ø 10,2 mm, dont les supports de main-courante
- 1 x pipe connector for stainless steel hand rail Ø 42.4 x 2.0 mm
- 6 x connectors for stainless steel round material Ø 10.0 mm

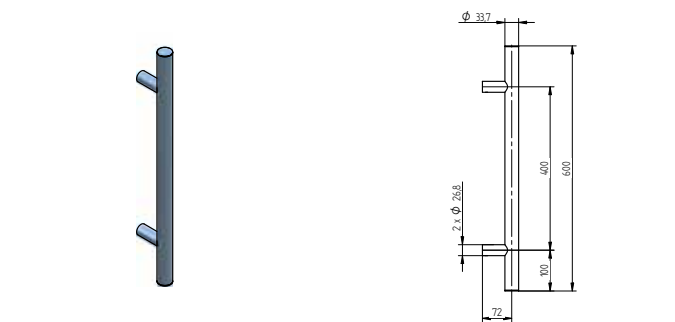
## composto da:

- 1 x corrimano in acciaio inossidabile Ø 42,4 x 2,0 mm, superficie satinata, lunghezza 1500 mm
- 6 x tondi in acciaio inossidabile Ø 10 mm, in lunghezze da 1500 mm
- 2 x montanti in acciaio inossidabile con 6 fori passanti Ø 10,2 mm, reggicorrimano inclusi
- 1 x raccordo per corrimano in acciaio inossidabile Ø 42,4 x 2,0 mm
- 6 x raccordi per tondi in acciaio inossidabile Ø 10 mm

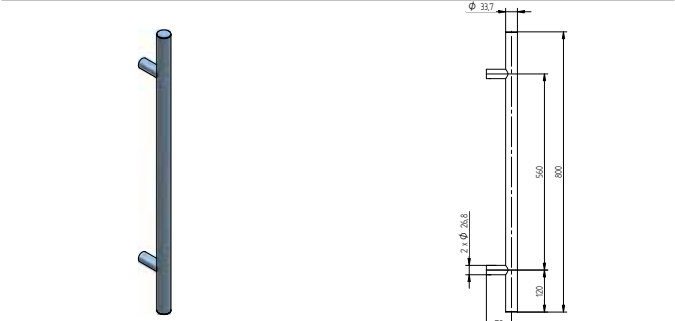
V2A Edelstahl - Stossgriff  
Oberfläche geschliffen, mit geradem Anschluss, bestehend aus Rundrohr Ø 33,7 x 2,0 mm, inkl. Endkappen  
V2A stainless steel push handle, satin finish, straight, round tube Ø 33,7 x 2,0 mm, incl end cap /  
Poignée en inox AISI304 composée d'un tube brossé Ø 33,7 mm x 2 mm, des embouts et raccords droits /  
Maniglia in acciaio inossidabile AISI 304 composta da tubo Ø 33,7 x 2,0 mm, superficie satinata, per montaggio dritto, terminali inclusi



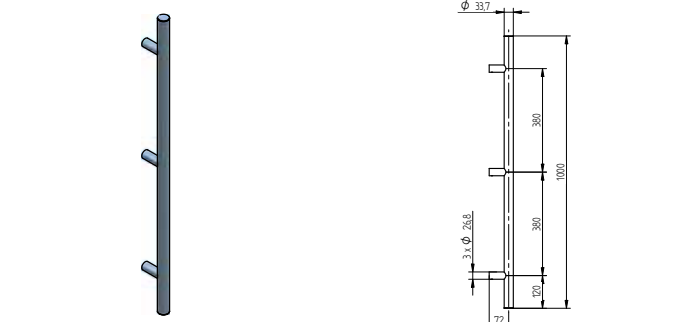
| #                                            | Material      | L   |
|----------------------------------------------|---------------|-----|
| geschliffen / satin finish / brossé satinato |               |     |
| AN9600100                                    | V2A; AISI 304 | 400 |



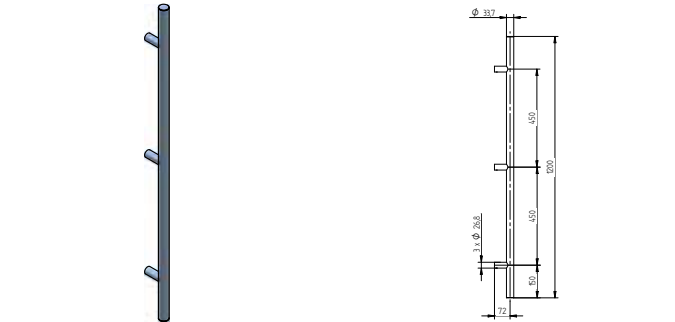
| #                                            | Material      | L   |
|----------------------------------------------|---------------|-----|
| geschliffen / satin finish / brossé satinato |               |     |
| AN 9600120                                   | V2A; AISI 304 | 600 |



| #                                            | Material      | L   |
|----------------------------------------------|---------------|-----|
| geschliffen / satin finish / brossé satinato |               |     |
| AN9600140                                    | V2A; AISI 304 | 800 |



| #                                            | Material      | L    |
|----------------------------------------------|---------------|------|
| geschliffen / satin finish / brossé satinato |               |      |
| AN 9600160                                   | V2A; AISI 304 | 1000 |



| #                                            | Material      | L    |
|----------------------------------------------|---------------|------|
| geschliffen / satin finish / brossé satinato |               |      |
| AN9600180                                    | V2A; AISI 304 | 1200 |

**Absturzsicherungen für Fenstermontage**

Länge bis 1.500 mm, konfektioniertes Set für Montage innerhalb der Fensterlaibung, aus Edelstahlrundrohr mit 2 passenden Rohrverbindern

Fall protections for window assembly, length to 1,500 mm, fabricated set for installation within the window soffit, in stainless steel tube with 2 matching tube connectors

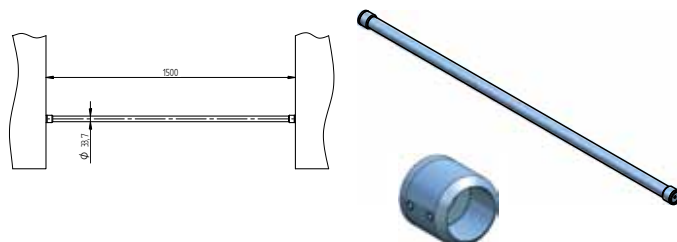
Protection anti-chute pour montage entre ébrasements de fenêtres, longueur jusqu'à 1500 mm, set confectionné pour montage dans la joue de la fenêtre, composé de tube inox et de deux adaptateurs de tubes

Protezione anticaduta per finestra, in acciaio inossidabile AISI 304, lunghezza fino a 1500 mm, kit pronto per il montaggio, composto da tubo tondo in acciaio inossidabile satinato e 2 ancoraggi

| #                                            | Material      | Abmessung    |
|----------------------------------------------|---------------|--------------|
| geschliffen / satin finish / brossé satinato |               |              |
| AN9650100                                    | V2A; AISI 304 | Ø 33,7 x 2,0 |
| AN9650200                                    | V2A; AISI 304 | Ø 42,4 x 2,0 |

**aus Edelstahlrundrohr mit 2 passenden Rohrverbindern**

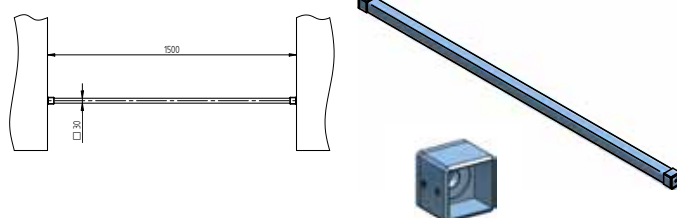
in stainless steel tube with 2 matching tube connectors / composé de tube inox et de deux adaptateurs de tubes / composto da tubo tondo in acciaio inossidabile satinato e 2 ancoraggi



| #                                            | Material      | Abmessung     |
|----------------------------------------------|---------------|---------------|
| geschliffen / satin finish / brossé satinato |               |               |
| AN9650300                                    | V2A; AISI 304 | 30 x 30 x 2,0 |
| AN9650400                                    | V2A; AISI 304 | 40 x 40 x 2,0 |

**aus Edelstahlvierkantrrohr mit 2 passenden Adaptern**

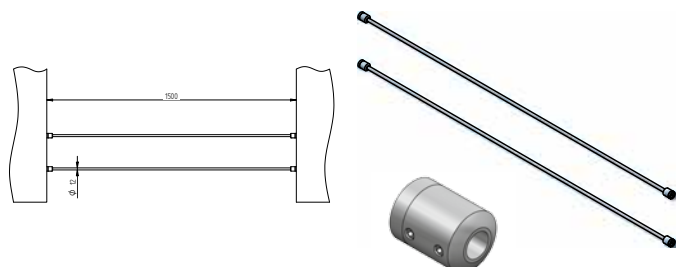
in stainless steel tube with 2 matching tube connectors / set confectionné pour montage dans la joue de la fenêtre, composé de tube inox et de deux adaptateurs de tubes / kit pronto per il montaggio, composto da tubo quadrato in acciaio inossidabile e 2 ancoraggi



| #                                            | Material      | Abmessung                                                                   |
|----------------------------------------------|---------------|-----------------------------------------------------------------------------|
| geschliffen / satin finish / brossé satinato |               |                                                                             |
| AN9650500                                    | V2A; AISI 304 | Set à 2 Längen / set of 2 lenght each / set de 2 longueurs / set di 2 tondi |

**aus Edelstahlrundmaterial Ø 12,0 mm mit je 2 passenden Anschlussadaptern**

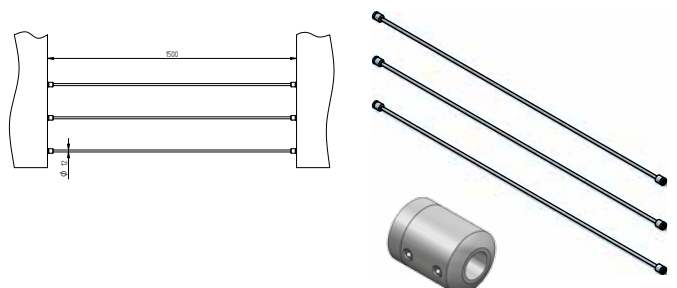
in stainless steel material Ø 12,00 mm with 2 matching connectors / set confectionné pour montage dans la joue de la fenêtre, composé de lisses inox Ø 12 mm et de deux adaptateurs par liss / kit pronto per il montaggio, composto da tondi Ø 12 mm e relativi ancoraggi



| #                                            | Material      | Abmessung                                                                   |
|----------------------------------------------|---------------|-----------------------------------------------------------------------------|
| geschliffen / satin finish / brossé satinato |               |                                                                             |
| AN9650550                                    | V2A; AISI 304 | Set à 3 Längen / set of 3 lenght each / set de 3 longueurs / set di 3 tondi |

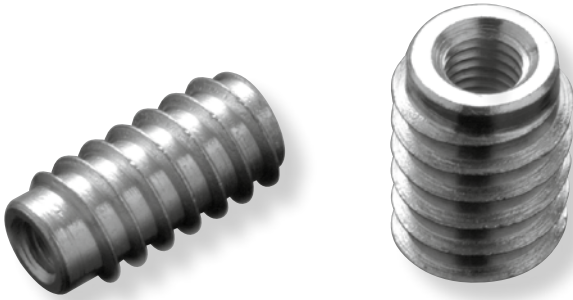
**aus Edelstahlrundmaterial Ø 12,0 mm mit je 2 passenden Anschlussadaptern**

in stainless steel material Ø 12,00 mm with 2 matching connectors / set confectionné pour montage dans la joue de la fenêtre, composé de lisses inox Ø 12 mm et de deux adaptateurs par liss / kit pronto per il montaggio, composto da tondi Ø 12 mm e relativi ancoraggi



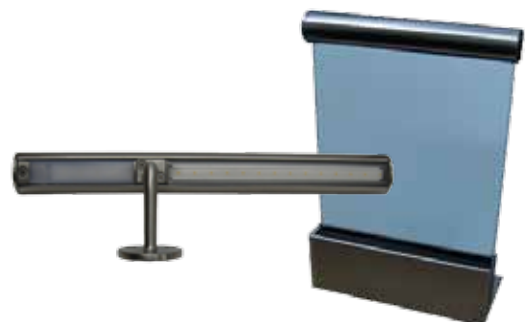


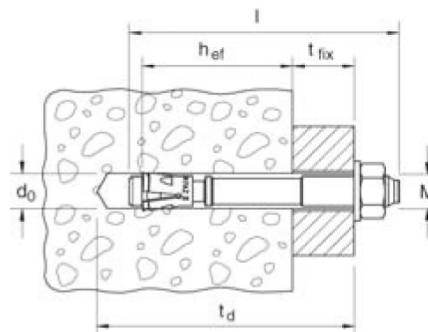
a b c



## Befestigungen / Muster

Fixings / Fixations et échantillons / Accessori di fissaggio





### Ankerbolzen FAZ II A4

Bolt anchor FAZ II A4 / Goujon d'ancrage FAZ II A4 / Ancorante fischer FAZ II A4

### zur Durchsteckmontage

for pre-positioned and push through installation / Installation traversante ou non-traversante / ancorante pesante per installazione passante

| #                                                         | Material      | d <sub>0</sub> | t <sub>d</sub> | h <sub>ef</sub> | l  | t <sub>fix</sub> | Länge       |
|-----------------------------------------------------------|---------------|----------------|----------------|-----------------|----|------------------|-------------|
| Edelstahl / stainless steel / inox / acciaio inossidabile |               |                |                |                 |    |                  |             |
| CN2499110                                                 | V4A; AISI 316 | FAZ II 8/10    | 8              | 75              | 45 | 75               | 10 M8 x 21  |
| CN2499115                                                 | V4A; AISI 316 | FAZ II 8/30    | 8              | 95              | 45 | 95               | 30 M8 x 41  |
| CN2499120                                                 | V4A; AISI 316 | FAZ II 10/10   | 10             | 90              | 60 | 95               | 10 M10 x 24 |
| CN2499125                                                 | V4A; AISI 316 | FAZ II 10/30   | 10             | 110             | 60 | 105              | 20 M10 x 44 |
| CN2499130                                                 | V4A; AISI 316 | FAZ II 12/10   | 12             | 105             | 70 | 110              | 10 M12 x 27 |
| CN2499135                                                 | V4A; AISI 316 | FAZ II 12/30   | 12             | 125             | 70 | 130              | 30 M12 x 47 |

### PRODUKT-BESCHREIBUNG

- Ankerbolzen für die Durchsteckmontage.
- Beim Anziehen der Sechskantmutter wird der Konusbolzen in den Spreizclip gezogen und verspannt diesen gegen die Bohrlöcherwand.
- Ausführung FAZ II A4 aus nichtrostendem Stahl der Korrosionswiderstandsklasse III, z. B. A4, für Anwendungen im Außenbereich und in Feuchträumen.
- FAZ II C aus hochkorrosionsbeständigem Stahl der Korrosionswiderstandsklasse IV, z. B. Werkstoff 1.4529, für Anwendungen in aggressiver Atmosphäre.
- FAZ II-GS mit großer vormontierter Schieße für Befestigungen mit Langlöchern im Anbauteil.

### Vorteile/Nutzen

- Optimierter Spreizclip gewährleistet gleichmäßige Lastverteilung für hohe zulässige Lasten und kleine Rand- und Achsabstände bei filigranen Bauteilen sowie ein sicheres Nachspannen auch in gerissenem Beton.
- Montagefreundlich, da nur wenige Umdrehungen zum Aufbringen des Drehmoments notwendig sind.



### FAZ II VORTEILE IM ÜBERBLICK



- Die Einheit aus Konus und Spreizclip** erhöht die Zugtragfähigkeit um bis zu 20% gegenüber dem Vergleichsprodukt und sorgt für geringen Rand- und Achsabstände, hohes Einschlagen und einen geringen Anschlag.
- Der optimierte Schraub** ermöglicht bis zu 50% höhere zulässige Querkraft als der Vergleichsprodukt. Mit seinem optimierten Durchmesser lässt er sich leicht einschlagen und bei Bedarf auch noch nachträglich ausrichten.

- Höchste Zug- und Querlasten, das heißt: mehr Sicherheit bei insgesamt weniger Befestigungspunkten und damit geringere Kosten.
- Einsetzbar in dünnen Betondeckungen ab 8 cm Dicke.
- Kleinste Rand- und Achsabstände für mehr Einsatzmöglichkeiten.
- Geringe Einschlagenergie, geringer Anzugsweeg und damit äußerst montagefreundlich.
- Hohe Stahldehnbarkeit ermöglicht eine nachträgliche Ausrichtung mit dem Hammer.
- FAZ II A4 und FAZ II C erfüllen die selben Last- und Halteverträge wie FAZ II galvanisch verzinkt. Es ist somit keine neue Bemessung erforderlich, wenn von galvanisch verzinkt auf Edelstahl gewechselt werden muss.

### Zugelassen für:

- Gerissenen und ungerissenen Beton B25 bis B55 bzw. C20/25 bis C50/60

### Auch geeignet für:

- Beton B15
- Naturstein mit dichtem Gefüge

### Zur Befestigung von:

- Stahlkonstruktionen
- Geländern
- Konsolen
- Leitern
- Kabeltrassen
- Maschinen
- Treppen
- Toren
- Fassaden
- Fensterelementen
- Holzkonstruktionen



### BUILDING MATERIALS

#### Approved for:

- Concrete C20/25 to C50/60, cracked and non-cracked

#### Also suitable for:

- Concrete C12/15
- Natural stone with dense structure

### APPROVALS



### ADVANTAGES

- The optimised expansion clip allows for a high load-bearing capacity. Thus fewer fixing points and smaller anchor plates are required.
- The international approvals guarantee maximum safety and the best performance.
- The bolt geometry allows for optimal load distribution and therefore enables use close to edges and in thin components.
- Fewer hammer blows and the minimal torque slippage allow for a noticeably simpler installation.
- The drive-in pin protects the thread from damage and ensures a trouble-free dismantling of the fixture.



Balcony railings

### APPLICATIONS

- Steel constructions
- Guard rails
- Consoles
- Ladders
- Cable conduits
- Machines
- Staircases
- Gates
- Façades
- Wood constructions



Cable trays

### FUNCTIONING

- The FAZ II is suitable for pre-positioned and push-through installation; also suitable for stand-off installation under certain conditions.
- Prior to installation, place the hexagon nut in the optimal position (the drive-in pin projects by approx. 3 mm out of the hexagon nut).
- When applying the torque, the cone bolt is pulled into the expansion clip and expands it against the drill hole wall.
- The head embossing offers a simple control of the anchoring.
- In the case of series installation, we recommend using the FABS anchor bolt setting tool.



**Agrément :**

- Béton fissuré et non fissuré C20/25 à C50/60

**Convient également à :**

- Béton C12/15
- Pierres naturelles à structure dense

**Pour fixer :**

- Constructions métalliques
- Garde-

corps

- Consoles
- Échelles
- Chemins de câbles
- Machines
- Escaliers
- Portails
- Façades
- Menuiseries
- Constructions en bois



Agrément technique européen - Option 1 béton fissuré



AGRÉÉ  
à partir de M12

Homologation de résistance aux chocs délivrée par l'Office fédéral pour la protection civile, Bonn



Classe de résistance aux feu  
**F 120**  
Pour les structures au feu

**FAZ II - AVANTAGES**

**La bague d'expansion noire**  
est caractéristique : vous reconnaîtrez un vrai FAZ II à sa peinture noire : il est ainsi facile de la distinguer des modèles précédents.

**L'espacement distinctif**  
garantit que la bague reste en place même si les armatures sont faillées ou si elle rencontre des défauts de ferraillage de l'armement.

**L'assemblage acier/bague d'expansion**  
augmente la résistance à la traction (qui est 38 % de plus que son prédécesseur) et réduit les entraves et les distances aux bords. Cela facilite l'installation et diminue le temps de serrage.

**La tête optimisée**  
réduit les efforts de cisaillement jusqu'à 36 % (selon les cas) par rapport au modèle précédent. Avec son diamètre optimal, elle s'insère facilement et peut également, si nécessaire, être alignée après sa mise en place.

- Efforts de traction et de cisaillement plus élevés : sécurité renforcée, avec un nombre total de points de fixation plus faible et, par conséquent, une réduction des coûts.
- Utilisable dans des éléments de béton extrêmement minces, à partir de 8 cm d'épaisseur.
- Entraves et distances aux bords réduites, pour un plus grand choix d'applications.
- Nécessaire peu d'effort de vissage et une faible course de serrage pour une installation facile.
- La ductilité de l'acier permet d'aligner le goujon au marteau après sa mise en place.

**NOUVEAU**

## DESCRIPTION

- Goujon d'ancrage pour installation traversante.
- Lorsque vous serrez l'écrou hexagonal, le goujon fileté est tiré dans la bague d'expansion et s'expansionne contre les parois du béton.
- Version FAZ en acier inoxydable A4 pour des applications en extérieur et en environnement humide. Acier à haute résistance à la corrosion (type 1.4529) pour application en atmosphère agressive.
- Le FAZ-GS est équipé d'une rondelle large pour fixations de pièces avec trous oblongs.

## Avantages

- La bague d'expansion optimisée garantit une répartition uniforme des contraintes, ce qui permet des charges importantes, des entraves faibles et des distances aux bords réduites par rapport aux éléments de structure. L'expansion est sûre, même dans le béton fissuré.
- Facile à installer : il suffit de quelques tours pour appliquer le couple de serrage préconisé.



## FAMIGLIA PRODOTTI

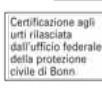
FAZ II  
acciaio zincato

## Adatto per

- calcestruzzo fessurato e non fessurato
- pietra naturale con struttura densa.

## Per fissare

- strutture in acciaio
- ringhiere
- scale
- cancelli
- macchinari
- elementi di finestre
- strutture in legno
- binari
- impianti antincendio



## DESCRIZIONE PRODOTTO

## Generalità

- Ancorante per installazione passante con le migliori performance della sua categoria, per calcestruzzo fessurato.
- Si distingue per la caratteristica fascetta di espansione nera.
- Ancorante con Benestare Tecnico Europeo Opzione 1.

## Vantaggi

- Può essere utilizzato su calcestruzzo estremamente sottile, a partire da soli 8 cm di spessore.
- Ideale per calcestruzzo fessurato e non fessurato.
- La nuova fascetta di espansione assicura una distribuzione uniforme del carico e garantisce elevatissimi standard prestazionali.
- Ridotte distanze dal bordo e tra interassi.
- Installazione semplice e veloce con pochi giri di avvitamento.

## Tipo di installazione

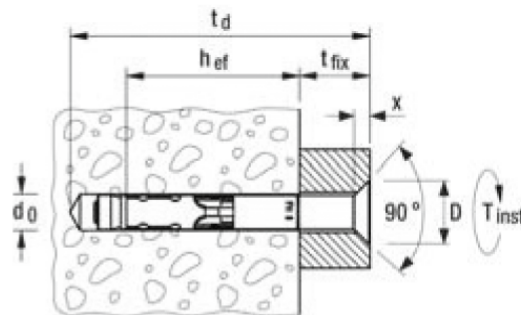
- Passante.

## Informazioni utili per l'installazione

- Per l'inserimento posizionare il dado in modo da far sporgere la filettatura della testa dell'ancorante di 2 o 3 mm.

- Per applicazioni all'esterno e in locali umidi utilizzare FAZ II in acciaio inox A4.
- Con il percussore FABS con attacco SDS si possono eseguire installazioni in serie con estrema velocità (vedi pag. 81).





**Hochleistungsanker FH II**  
 high performance anchor FA II A4 /  
 Cheville hautes performances FH / An-  
 corante fischer FH II

**schwerer Hülsenanker zur Durchsteck-  
 montage**

for pre- positioned and push through  
 installation / Cheville hautes perfor-  
 mances pour fixations lourdes et in-  
 stallation traversante / ancorante pe-  
 sante per installazione passante

| #                                                         | Material      |                | do | td  | hef | l   | t fix | Gewinde |
|-----------------------------------------------------------|---------------|----------------|----|-----|-----|-----|-------|---------|
| Edelstahl / stainless steel / inox / acciaio inossidabile |               |                |    |     |     |     |       |         |
| CN2499210                                                 | V4A; AISI 316 | FH II 12/15 SK | 12 | 95  | 60  | 90  | 15    | M 8     |
| CN2499215                                                 | V4A; AISI 316 | FH II 12/30 SK | 12 | 95  |     | 90  | 30    | M 8     |
| CN2499220                                                 | V4A; AISI 316 | FH II 15/15 SK | 15 | 105 | 70  | 100 | 15    | M 10    |

#### PRODUKT-BESCHREIBUNG

- Schwerer Hülsenanker für die Durchsteckmontage
- Beim Anziehen der Sechskantmutter bzw. der Schraube wird der Konus in die Spreithülse gezogen, spreizt diese auf und verspannt sie gegen die Bohrlochwand.
- Ausführung FH A4 aus nichtrostendem Stahl der Korrosionswiderstandsklasse III, z. B. A4, für Anwendungen im Außenbereich und in Feuchträumen (nicht Bestandteil der Zulassung).

#### Vorteile/Nutzen

- Für formschöne Befestigungen.
- Höchste Zug- und Quertragfähigkeiten bei Durchsteckmontage.
- Einfaches Handling: Der Anker lässt sich mit wenigen, leichten Hammerschlägen setzen.
- Oberflächenbündige Demontage.
- Kleinste Anker- und Randabstände.
- Anker Ausführungen für Anwendungen mit anspruchsvollem Design: FH II-S (Sechskantschraube), FH II-H (Hutmutter), FH II-SK (Senkkopf).



#### FH II VORTEILE IM ÜBERBLICK



#### Zugelassen für:

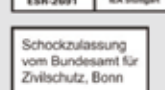
- Gerissenen und ungerissenen Beton B25 bis B55 bzw. C20/25 bis C50/60

#### Auch geeignet für:

- Beton B 15
- Naturstein mit dichtem Gefüge

#### Zur Befestigung von:

- Stahlkonstruktionen
- Geländern
- Konsolen
- Leitern
- Kabeltrassen
- Maschinen
- Treppen
- Türen
- Fassaden
- Fensterelementen



#### APPROVALS



#### BUILDING MATERIALS

##### Approved for:

- Concrete C20/25 to C50/60, cracked and non-cracked

##### Also suitable for:

- Concrete C12/15
- Natural stone with dense structure

#### ADVANTAGES

- The anchor construction allows for wide-ranging head shapes for fixing points with sophisticated design.
- The ideal interaction of screw shank and sleeve allows for a high shear load. Thus fewer fixing points are required.
- The international approvals guarantee maximum safety and the best performance.
- The optimised geometry reduces the energy required for installation.
- The detachable screw connection allows for surface flush removal.



Steel girders

#### APPLICATIONS

- Guard rails
- Staircases
- Consoles
- Steel constructions
- Ladders
- Cable conduits
- Machines
- Gates
- Façades
- Gratings



Banisters

#### FUNCTIONING

- The FH II is suitable for push-through installation.
- When applying the torque, the cone is pulled into the expansion sleeve and expands it against the drill hole wall.
- The black plastic ring prevents rotation when tightening the anchor, and acts as a crumple zone to take the torque slippage so that the fixture is pulled onto the anchor base.
- Available head shapes for flexible design solutions: Countersunk head (type SK - for surface flush and fixing points that can be subsequently secured against theft), hexagon head (type S), bolt version with nut and washer (type B) and cap nut (type H).



**Agrément :**

- Béton fissuré et non fissuré B25 à B55 ou C20/25 à C50/60

**Convient également à :**

- Béton B15
- Pierres naturelles à structure dense

**Pour fixer :**

- Constructions métalliques
- Garde-corps
- Consoles
- Échelles
- Chemins de câbles

**ETA CE**  
Agrément technique européen – Option 1 béton fissuré

Homologation de résistance aux chocs délivrée par l'office fédéral pour la protection civile, Bonn

**Classe de résistance au feu F 120**  
(Pour les détails, voir chapitre)

- Machines
- Escaliers
- Portails
- Façades
- Menuiseries

**FH II - AVANTAGES**

**L'assemblage acier/béton d'expansion conduit à la fixation la plus importante et réduit au minimum les distances aux bords et les entraves dans le béton fissuré et non fissuré.**

**Fixation par quatre différents types de têtes en à tête hexagonale, vis à tête traçable, écrou borgne, goujon d'ancrage.**

**Longueur de vis et d'écrou optimisée pour une profondeur d'ancrage réduite.**

**La bague de fixation en plastique noir garantit des performances très élevées et compense le glissement du couple (vis + écrou) même si, sous l'effet de l'ancrage, est empêché.**

**L'effort de traction élevé de l'acier (Classe de résistance 8.8) et la forme hexagonale assure la vis et la bague (expansion de la zone de cisaillement) permettent des charges de cisaillement plus importantes.**

**NOUVEAU**

**DESCRIPTION**

- Cheville haute performance pour fixations lourdes et installation transversante.
- Lorsque vous serrez l'écrou ou le boulon hexagonal, le cône est tiré dans la bague qui s'expande contre les parois du béton.
- Version FH en acier inoxydable A4 pour une utilisation en extérieur ou dans des zones humides (ne fait pas partie de l'agrément).

**Avantages**

- Pour des fixations esthétiques.
- Efforts de traction et de cisaillement plus élevés pour installation transversante.
- Pose simple et facile : pose de l'ancrage en quelques lignes coups de marteau.
- Démontage sans parties en saillie.
- Distances aux bords et entraves minimales.
- Différentes versions pour un montage visuellement agréable : FH 5 (vis à tête hexagonale), FH H (écrou borgne), FH 5K (vis à tête traçable).
- Toutes les chevilles peuvent être retirées sans saillie en surface.



## Adatto per

- calcestruzzo fessurato e non fessurato
- pietra naturale con struttura densa.



Certificazione agli urti rilasciata dall'ufficio federale della protezione civile di Bonn



## Per fissare

- strutture in metallo o acciaio
- segnaletica industriale
- barriere antirumore
- scaffalature per magazzini
- macchinari
- guide per ascensori
- binari
- illuminazione a soffitto per impiantistica industriale
- blindsbarre
- impianti di ventilazione e riscaldamento a soffitto
- camminamenti sospesi
- quadri elettrici industriali
- ringhiere, scale, parapetti.



## DESCRIZIONE PRODOTTO

## Generalità

- Ancorante per installazione passante con altissime prestazioni su calcestruzzo fessurato e non fessurato.
- L'ancorante FH II è stato il primo della sua categoria ad ottenere il Benestare Tecnico Europeo, Opzione 1 per calcestruzzo fessurato.

## Vantaggi

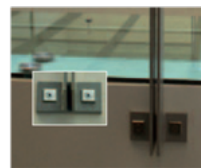
- Veloce da installare.
- Quattro differenti finiture della testa a seconda delle esigenze di installazione.
- Alte resistenze a taglio grazie alla sezione maggiorata dell'ancorante e alla qualità dell'acciaio di classe 8.8.
- Fissaggio con distanze minime dal bordo e ridotti interassi tra ancoranti.
- Ideale per calcestruzzo fessurato e non fessurato.

## Tipo di installazione

- Passante.

## Informazioni utili per l'installazione

- Individuare la corretta misura dell'ancorante in relazione allo spessore dell'oggetto da fissare.





#

CN2499600 1 Kartusche 360ml, 2 Statikmischer FIS S / 1 cartridge 360ml, 2 x static mixer FIS S / 1 cartouche 360ml, 2 becs mélangeurs / 1 cartuccia 360ml, 2 beccuccio miscelatore FIS S

**Hochleistungsmörtel FIS V 360S**

Injection mortar FIS V / Résine FIS V / Ancorante chimico FIS V 360S

**Zulassungen  
FIS V / FIS VW**

- Baufachliche Zulassung (DIBt) für Voll-, Loch- und Kammersteine (Vollstein auch ohne Ankerhülsen).
- Europäische Technische Zulassung Option 7 für ungerissenen Beton.
- FIS V: Bauaufsichtliche Zulassung (DIBt + ETA) für Bewehrungsanschlüsse.
- Bauaufsichtliche Zulassung (DIBt) für VBS 8 Verblendsanieranker.
- Bauaufsichtliche Zulassung (DIBt) für Wetterschalensaniersystem FWS.
- Bauaufsichtliche Zulassung (DIBt) für Abstandmontagesystem Thermax.
- US-amerikanische Zulassung für ungerissenen Beton in Übereinstimmung mit 2009 IBC und 2009 IRC.

**Zur Befestigung von:**

- Stahlkonstruktionen
- Geländern
- Handläufe
- Konsolen
- Leitern
- Maschinen
- Kabeltrassen
- Treppen
- Türen
- Fassaden
- Fensterelementen
- Hochregallagern
- Vordächern
- Abstandskonstruktionen

**PRODUKT-BESCHREIBUNG**

- Styrolfreier, schnellabbindender Hochleistungs-Hybridmörtel (beinhaltet Vinylsterharz und Zementmörtel).
- Beim Auspressen mittels spezieller Auspresspistole werden beide Komponenten im Statikmischer vermischt und aktiviert.
- Angebrochene Kartuschen sind durch einfachen Statikmischerwechsel wiederverwendbar.
- FIS VW 360 S mit beschleunigter Aushärtung, speziell für die kalte Jahreszeit.

**Vorteile/Nutzen**

- Weltweit erstes Injektionssystem mit Zulassungen für zahlreiche Anwendungen in Beton, Vollsteinen, Lochsteinen und Porenbeton garantiert maximale Sicherheit.
- Universelles Befestigungssystem mit umfangreichem Zubehör für ein breites Anwendungsfeld auf der Baustelle.
- Spreizdruckfreie Befestigung ermöglicht geringe Band- und Achsabstände.
- Ergonomische Auspresspistolen für ermüdungsfreies und schnelles Arbeiten.

**Zubehör / Zulässige Lasten**

- Für die Befestigung in Beton siehe Seite 126 ff.
- Für die Befestigung im Mauerwerk siehe Seite 131 ff.
- Für Bewehrungsanschlüsse siehe Seite 142 ff.
- Passende Auspresspistolen siehe Seite 159.
- Lasttabelle für Beton siehe Seite 129 ff.
- Lasttabelle für Mauerwerk siehe Seite 138 ff.

**DESCRIPTION**

- Résine hybride hautes performances à prise rapide sans styrène (à base de résine vinylester et de ciment).
- La résine et le ciment, ainsi que l'eau et le durcisseur, sont stockés dans deux compartiments distincts, ils ne se mélangent et ne sont activés que dans le bec mélangeur.
- Vous pouvez réutiliser des cartouches entamées, en changeant simplement le bec mélangeur.

**Avantages**

- Résine hybride hautes performances pour charges élevées dans pratiquement tous les matériaux de construction.
- Système de fixation compatible avec un large choix d'applications sur les sites de construction.
- L'ancrage sans contrainte d'expansion permet des distances aux bords et des entrées réduites.
- Large gamme d'accessoires pour de nombreuses applications.
- Pistolet à extruder ergonomique pour une installation rapide et facile.
- Le grand nombre d'agréments couvre de nombreuses applications dans la quasi totalité des matériaux de construction et garantit une sécurité maximale.
- Premier système d'injection au monde avec agréments pour le béton, les fers à béton, les briques pleines et creuses, et le béton cellulaire.

**Accessoires/Charges recommandées**

- Pour la fixation dans le béton, reportez-vous à la page 66.
- Pour la fixation dans de la maçonnerie, reportez-vous à la page 71.
- Pour la fixation dans du béton cellulaire, reportez-vous à la page 77.
- Pour les fers à béton, reportez-vous à la page 81.
- Pour les pistolets à extruder appropriés, reportez-vous aux pages 87/88.

**Agréments :**

- Agrément Technique Européen option 7 avec les tiges filetées FIS A resp. RG M pour béton non fissuré.
- Agrément allemand (DIBt) avec le tamis d'injection FIS H M et les pièces d'ancrage d'injection FIS G et FIS E pour briques pleines et creuses (brique pleine sans tamis).
- Agrément allemand (DIBt) pour béton cellulaire avec le foret à rotule PBB, le manchon de centrage PBZ et la tige filetée FIS G.
- Agrément allemand (DIBt) pour barres d'armature.
- Agrément allemand (DIBt) pour armature de renforcement VBS 8.
- Agrément allemand (DIBt) pour système de rénovation de revêtement de façade FWS.
- Agrément ICC pour tiges filetées et fers à béton.

**Pour fixer :**

- Constructions métalliques
- Gardes-corps
- Mains courantes
- Consolés
- Echelles
- Machines
- Chemins de câbles
- Escaliers
- Portails
- Façades
- Menuiseries
- Racks et rayonnages
- Auvents
- Installations déportées

## DESCRIZIONE PRODOTTO

## Generalità

- Ancorante chimico in vinilestere ibrido bicomponente ad elevate prestazioni.
- Composto da leganti organici a base di resine, cariche minerali ed additivi che ne incrementano le caratteristiche chimico-fisiche e meccaniche.

## Vantaggi

- Ancorante sicuro in fori umidi; insensibile all'umidità e all'acqua dopo la posa.
- Senza stirene: atossico e adatto per l'utilizzo in ambienti chiusi e locali poco areati.

- Possibilità di applicazione in fori umidi (no sommersi).
- Ridottissimi fenomeni di ritiro in fase di polimerizzazione.
- Viscosità calibrata che consente una facile estrusione ed una buona bagnabilità del foro e della barra.
- Ottima tixotropia (non cola).
- Prestazioni elevate e garantite.
- Non infiammabile, punto di infiammabilità  $>+100^{\circ}\text{C}$ .
- Disponibile nelle versioni in cartuccia shuttle da 360 ml (FIS V 360 S) e 950 ml in cartuccia magnum (FIS V 950 S).
- Stoccaggio 18 mesi dalla data di produzione.



## Applicazioni

- riprese di getto
- fissaggi strutturali
- consolidamento soletti lignei
- strutture metalliche pesanti
- per installazione passante e non passante
- fissaggi di linee vita
- fissaggio di strutture di supporto per pannelli fotovoltaici e solari termici

## Supporti

- calcestruzzo non fessurato, pietra
- muratura piena e forata
- legno lamellare



TR 023 (M5-M30)  
TR 023 (a 9 e 20) secondo EC2



Omologazione tedesca per riprese di getto secondo Eurocodice 2



Omologazione tedesca per applicazioni su muratura



Omologazione francese per riprese di getto



- Benestare tecnico europeo (ETA) e marcatura CE che ne attesta l'idoneità per applicazioni su calcestruzzo non fessurato (opzione 1) con barre filettate zincate, acciaio inox A4 e acciaio C 14529.
- Certificazione ETA/TR 023 secondo EC2 per barre ad aderenza migliorata (ø8-ø26 mm) e ETA/TR 029 per barre filettate (M5-M30).
- Certificazione di resistenza al sistema ICC per barre filettate a aderenza migliorata.
- Certificazione Socotec (KX 0886) per barre ad aderenza migliorata su calcestruzzo non fessurato.
- Omologazione specifica per ferri da ripresa su calcestruzzo secondo Eurocodice 2.
- Caratterizzazione meccanica della resina eseguita presso laboratorio Elettipi autorizzato dal Ministero delle Infrastrutture e dei Trasporti.
- Certificazione per impianti di acqua potabile WRAS (M102269 & M103061/A).
- Certificazione antifuoco F120 IBS M8-M30 secondo la curva di incremento termico ISO 834 - DIN 4102/2.
- Omologato da Rete Ferroviaria Italiana (RFI) per fissaggi di sostegno per la trazione elettrica.

2



#### Einnietzange und Zubehör

Hand riveter and accessory / Pince à riveter et accessoires / Rivettatrice con accessori

#### Set bestehend aus:

1 x Metallkoffer, 1 x Einnietzange, je 1 x auswechselbarer Bolzen für Muttergrößen (M5 x 0,5; M6 x 1; M8 x 1,25; M10 x 1,5)

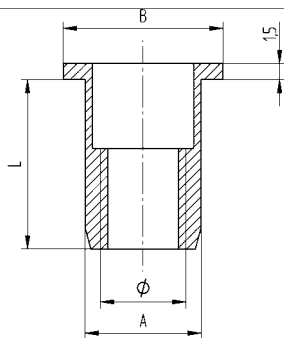
It contains of: 1 x metall box, 1 x nipper, 1 x changeable tool for special screws (M5 x 0,5; M6 x 1; M8 x 1,25; M10 x 1,5)

Set composé de: 1 valise métallique, 1 pince à riveter, resp. 1 boulon interchangeable pour les diff. tailles d'écrou (M5 x 0,5; M6 x 1; M8 x 1,25; M10 x 1,5)

Kit composto da: valigetta in metallo, rivettatrice con tiranti e testine (M5x0,5; M6x1; M8x1,25; M10x1,5)

#

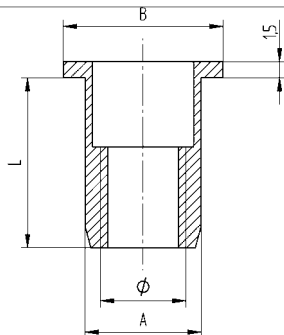
CN9999350 M5, M6, M8, M10, M12



| #         |             | A      | B      | L    |
|-----------|-------------|--------|--------|------|
| CN9999300 | Ø M6 x 1,00 | 0 8,9  | 0 12,0 | 14,0 |
| CN9999310 | Ø M8 x 1,25 | 0 10,9 | 0 15,0 | 16,0 |

#### Einniethülse V2A, Flachkopf

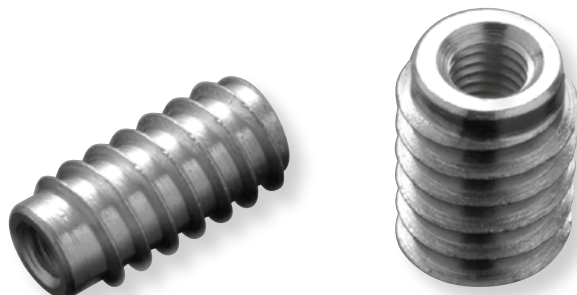
Rivet nuts AISI 304, flat head / Rivet à filetage AISI 304, tête plate / Rivetto filettato AISI 304, Testa ribassata



| #         |    | A     | B    | L   |
|-----------|----|-------|------|-----|
| CN9999330 | M5 | 0 6,9 | 0 10 | 9,5 |
| CN9999340 | M6 | 0 8,9 | 0 12 | 9,5 |

#### Einniethülse V2A

Rivet nuts AISI 304 / Rivet à filetage AISI 304 / Rivetto filettato AISI 304



#

Stahl verzinkt / galvanised steel / acier galvanisé / acciaio zincato

CN9999100 M6 x 25

CN9999101 M8 x 23

#### Rampamuffen

Screw / Inserts bois / Inserto filettato per legno

zum eindrehen ins Holz, mit Innengewinde zum anschrauben von Handlaufträgerbügel

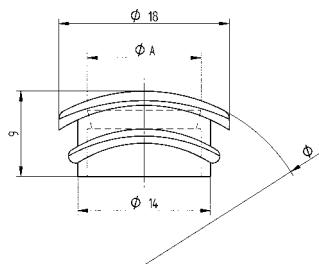
for use in wooden handrails, inner thread for mounting handrail supports / à visser dans le bois, taraudés pour le vissage de la tige du support de main-courante / con esagono incassato, da avvitare nel legno per fissare i reggicorrimano



| #                                                                        | Ø      | Ø A |
|--------------------------------------------------------------------------|--------|-----|
| für Vierkantrohr / for square tube / pour tube carré / per tubo quadrato |        |     |
| CN3498050                                                                | gerade | 10  |
| CN3498060                                                                | gerade | 12  |
| für Rundrohr / for round tube / pour tube rond / per tubo                |        |     |
| CN3498110                                                                | 33,7   | 10  |
| CN3498120                                                                | 33,7   | 12  |
| CN3498130                                                                | 42,4   | 10  |
| CN3498140                                                                | 42,4   | 12  |

**Führungsstopfen aus Kunststoff**

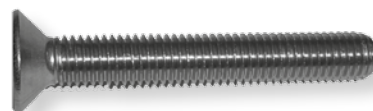
Plastic Plug / Guide en plastique / Tappi di plastica



| #                                                         | Material      |               |                   |
|-----------------------------------------------------------|---------------|---------------|-------------------|
| Edelstahl / stainless steel / inox / acciaio inossidabile |               |               |                   |
| CN9999503                                                 | V2A; AISI 304 | M4 x 12       | DIN7991           |
| CN9999504                                                 | V2A; AISI 304 | M5 x 10, Torx | ähnlich DIN 7991  |
| CN9999505                                                 | V2A; AISI 304 | M5 x 12       | DIN7991           |
| CN9999511                                                 | V2A; AISI 304 | M6 x 10       | DIN7991           |
| CN9999512                                                 | V2A; AISI 304 | M6 x 12       | DIN7991           |
| CN9999516                                                 | V2A; AISI 304 | M6 x 16       | DIN7991           |
| CN9999520                                                 | V2A; AISI 304 | M6 x 20       | DIN7991           |
| CN 9999750                                                | V2A; AISI 304 | M6 x 20       | DIN 965/ ISO 7046 |
| CN 9999755                                                | V2A; AISI 304 | M8 x 20       | DIN 965/ ISO 7046 |
| CN9999400                                                 | V4A; AISI 316 | M10 x 45      |                   |
| CN9999410                                                 | V4A; AISI 316 | M10 x 65      |                   |

**Senkschraube**

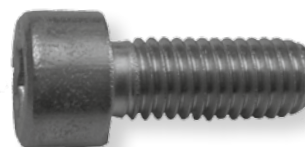
counter sunk screw / vis à tête fraisée / Vite a testa svasata con cava esagonale



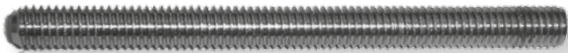
| #                                                         | Material      |               |                  |
|-----------------------------------------------------------|---------------|---------------|------------------|
| Edelstahl / stainless steel / inox / acciaio inossidabile |               |               |                  |
| CN9999605                                                 | V2A; AISI 304 | M5 x 22       | DIN912/ ISO 4762 |
| CN9999615                                                 | V2A; AISI 304 | M5 x 30, Torx | ISO14579         |
| CN9999621                                                 | V2A; AISI 304 | M8 x 20       | DIN912/ ISO 4762 |
| CN9999625                                                 | V2A; AISI 304 | M8 x 25       | DIN912/ ISO 4762 |

**Zylinderschraube**

cylinder head screw / vis à tête cylindrique / Vite a testa cilindrica con esagono incassato



2



| #                                                                              | Material      |         |                 |                 |
|--------------------------------------------------------------------------------|---------------|---------|-----------------|-----------------|
| Edelstahl / stainless steel / inox / acciaio inossidabile<br>DIN 914/ ISO 4027 |               |         |                 |                 |
| CN9999650                                                                      | V2A; AISI 304 | M4 x 10 | mit Spitze      | DIN914/ ISO4027 |
| CN9999655                                                                      | V2A; AISI 304 | M6 x 25 | DIN914/ ISO4027 |                 |
| CN9999660                                                                      | V2A; AISI 304 | M6 x 30 | DIN914/ ISO4027 |                 |
| CN9999665                                                                      | V2A; AISI 304 | M6 x 40 | DIN914/ ISO4027 |                 |

**Gewindestift**  
headless screw / vis Pointeau / Grani filettati con cava esagonale



| #                                                         | Material                 |
|-----------------------------------------------------------|--------------------------|
| Edelstahl / stainless steel / inox / acciaio inossidabile |                          |
| CN9999850                                                 | V2A; AISI 304<br>M6 x 80 |

**Stockschraube**  
hanger bolt / Vis top roc / Vite a doppio filetto



CN9999500



CN9999510

| #         |                                   |                                                                                                                                                                                                       |
|-----------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CN9999500 | Entfetter-Spray                   | Entfettet und reinigt alle Metalle, Glas, Keramik und zahlreiche Kunststoffe. Selbst verharzte Schmierstoffe werden entfernt. Entfetter-Spray trocknet schnell ab und arbeitet völlig rückstandsfrei. |
|           | Degreaser spray                   | Degreaser spray to be applied to the stainless product after mounting. The spray cleans and protects the stainless surface against oxidation.                                                         |
|           | Spray dégraissant                 | Dégraisse et nettoie tous les métaux, verre, céramique et de nombreuses matières plastiques. Il élimine même des lubrifiants résineux. Ce spray dégraissant sèche vite et ne laisse aucun résidu.     |
|           | Spray sgrassante                  | Spray per la pulizia di tutti i metalli, vetro, ceramica e numerosi materiali sintetici. Asciuga rapidamente e non lascia aloni.                                                                      |
| CN9999510 | Edelstahl-Pflegespray             | Speziell für die Reinigung, die Pflege und den Schutz von matten und polierten Edelstahlflächen im Innen- und Außenbereich. Wirkt antistatisch.                                                       |
|           | Care spray for stainless products | Care spray for stainless products. To be applied in a thin layer; antistatic protection of your products against dirt and ease.                                                                       |
|           | Spray d'entretien pour inox       | Pour le nettoyage, l'entretien et la protection de l'inox mat ou poli. Usage en intérieur et en extérieur. Effet antistatique.                                                                        |
|           | Spray protettivo                  | Spray sviluppato per la pulizia, la cura e la protezione di superfici interne ed esterne di acciaio inox satinato o lucidato.                                                                         |

**Technische Sprays**  
Technical sprays / Sprays professionnels / Spray tecnici





CN9999600  
50 ml



CN9999610  
50 ml

| #         |                        |                                                                                                                                                                                                                               |
|-----------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CN9999600 | Schraubensicherung     | Schraubensicherung (Schrauben M5 – M10) für passive Werkstoffe schnell ohne Aktivator, hochfest. Spalt bis max. 0,15 mm. Temperaturbereich von – 60° C bis + 180° C                                                           |
|           | Adhesive for screws    | Adhesive for screws sizes M5-M10. To be applied in gaps of maximum 0,15mm. Temperature -60°C to + 180°C                                                                                                                       |
|           | Blocage de vis         | Pour le blocage des vis (de M5 à M10) pour matériaux passifs, rapide sans activateur, forte résistance. Tolérance max. 0,15 mm. Plage de température d'utilisation de – 60° C à + 180° C                                      |
|           | Bloccante per viti     | Bloccante per viti (M5-M10), per materiali passivi, a presa rapida senza attivatore. Fessura max. di riempimento: 0,15mm. Escursione termica: -60°C fino +180°C Alta forza di bloccaggio                                      |
| CN9999610 | Klebstoff              | Befestigen von Fügeteilen (für Steckfittings) aus passiven Werkstoffen schnell ohne Aktivator, hochfest. Spalt bis max. 0,15 mm. Temperaturbereich von – 60° C bis + 180° C                                                   |
|           | Glue                   | Adhesive for elbows etc. To be applied in gaps of maximum 0,15 mm. Temperature -60° C to +180° C.                                                                                                                             |
|           | Colle                  | Pour la fixation des pièces de raccordement (pour les raccords à manchonner) en matériaux passifs, rapide sans activateur, forte résistance. Tolérance max. 0,15 mm. Plage de température d'utilisation de – 60° C à + 180° C |
|           | Bloccante per raccordi | per materiali passivi, a presa rapida senza attivatore. Fessura max. di riempimento: 0,15mm. Escursione termica: -60°C fino +180°C Alta forza di bloccaggio                                                                   |

#### Klebstoffe

glues / Colles / Bloccante



900900



CN9999620

| #         |                           |                                                                                                                                                |
|-----------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| 900900    | Klebstoff                 | Epoxyd-Minutenkleber 2-Komponentenklebstoff zum Verkleben von Metall, Glas, Stein, Keramik, Holz und vielen Kunststoffen                       |
|           | Glue                      | Epoxy minute adhesive 2-components for metal, glass, stone, ceramic, wood and plastics                                                         |
|           | Colle                     | Colle époxy ultra-rapide à 2 composants pour coller des objets en métal, verre, pierre, céramique, bois et de nombreuses matières synthétiques |
|           | Colla epossidica          | adesivo istantaneo epossidico adesivo bicomponente per incollare metallo, vetro, pietra, ceramica, legno e numerosi materiali sintetici        |
| CN9999620 | Montage-Klebstoff         | für Holz-Edelstahlverbindungen Handfestigkeit: ca. 10 min, Durchhärtung: ca. 3 mm / 24 h, Inhalt: 310 ml                                       |
|           | Assembly-adhesive bonding | of wood and stainless steel, handing strength approx. 10 minutes, cure speed approx. 3mm / 24h, contents 310 ml                                |
|           | Colle de montage          | pour les assemblages bois / inox Temps de prise: env. 10 min, Temps de séchage/durcissement: env. 3 mm / 24 h, contenu: 310 ml                 |
|           | Colla di montaggio        | per giunzioni legno - inox Tempo di presa: ca. 10 min, Tempo di essiccazione: ca. 3mm / 24h Contenuto: 310 ml                                  |

#### Klebstoffe

glues / Colles / Bloccante

2



#### Reinigungsmittel

Cleaner / Produits d'entretien / Detergenti

| #          |                                                                                         |
|------------|-----------------------------------------------------------------------------------------|
| CN99999700 | Starter Kit enthält: 250 ml innosoft B570, 250 ml innoprotect B580, Schwamm, Handschuhe |
|            | Starter Kit containing: 250 ml innosoft B570, 250 ml innoprotect B580, sponge, gloves   |
|            | Starter Kit contient: 250 ml innosoft B570, 250 ml innoprotect B580, éponge, gants      |
|            | Starter Kit contiene: 250 ml Innosoft B570, 250 ml Innoprotect B580, spugna, guanti     |



INNOSOFT B570



INNOPROTECT B580

#### INNOSOFT B570

INNOSOFT B570 ist eine weiße, viskose Flüssigkeit auf der Basis von organischen Säuren und oberflächenaktiven Stoffen ohne Scheuermittel. Geeignet für die intensive und effektive Reinigung von kontaminierten Oberflächen mit Flugrost oder rostigen Stellen.

Special deep cleaner that removes oxides like rust from stainless steel. It is a white viscous liquid with a pH value of 3 consisting of organic acids and surface-active agents: it is free from abrasive particles. Innosoft B570 is suitable for the intensive cleaning of contaminated surfaces like flash rust and other rusty areas, also known as 'tea-stains'. It is certainly not a pickling agent, so it does not attack the metal. Innosoft B570 is therefore non-aggressive for metals, but very effective on oxides and dirt.

Le produit Innosoft B570 est un nettoyeur qui élimine en profondeur la rouille et les traces d'oxydation sur l'inox. C'est un liquide visqueux blanc de pH 3, composé d'acides organiques et de tensio-actifs, sans particules abrasives. Le produit convient à un nettoyage intensif de surfaces contaminées par la rouille ou par d'autres formes de corrosion, communément appelées « taches de thé ». Il ne s'agit en aucun cas d'un agent décapant, car il ne s'attaque pas au métal. Innosoft est inoffensif à l'égard des métaux, mais très agressif envers les oxydes et les impuretés. Ce produit est unique, car il est 100% organique et ne présente aucun danger ni pour l'homme, ni pour l'environnement.

Innosoft B570 è un detergente a base di un liquido viscoso bianco, costituito da acidi organici e tensioattivi, privo di particelle abrasive e con un valore PH3. B570 non è un decapante, non attacca il metallo ma elimina ossidi, sporchie e ruggine.

#### INNOPROTECT B580

Dieses neutrale und milde Reinigungsmittel ist die perfekte Ergänzung von INNOSOFT B570.

Neben der Entfernung der durch INNOSOFT B570 gelösten Oxidation und Kontamination bildet INNOPROTECT B580 auch eine extra Nanoschutzschicht und beugt so einer erneuten Oxidation vor. Auch geeignet für die tägliche Instandhaltung und Pflege von leicht verunreinigten Oberflächen, die ursprünglich mit INNOSOFT B570 behandelt worden sind.

This neutral (pH 6.5) and mild cleaner can successfully be used in combination with Innosoft B570. As well as its cleaning action in removing the loosened oxides and contaminants, this product will also leave a microscopic layer of surface protection that will hinder fresh corrosion. It is also suitable for the everyday cleaning of lightly soiled surfaces that have previously been treated with Innosoft B570.

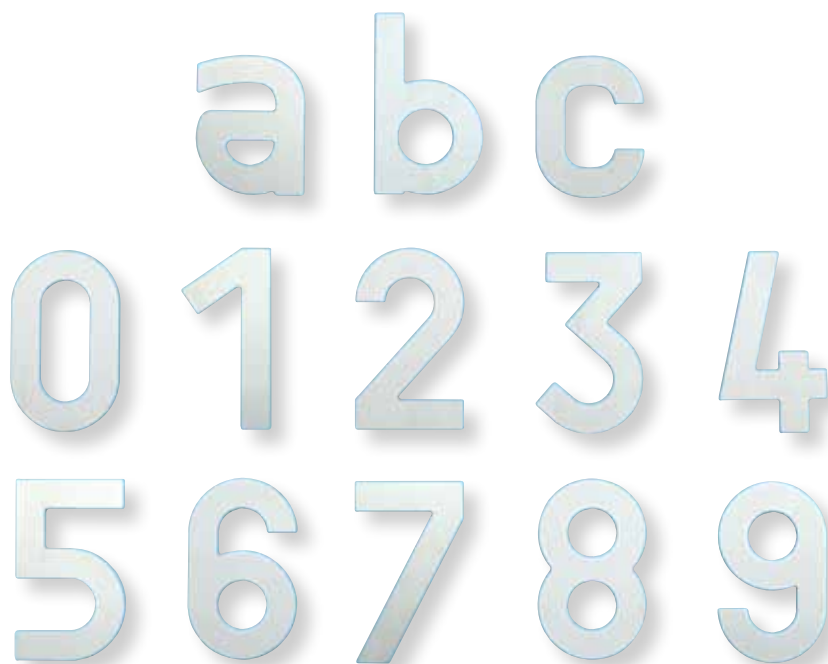
Innoprotect B580

Ce nettoyeur doux (pH 6.5) et neutre peut facilement être associé à l'usage d'Innosoft B570. De par son action nettoyante, le produit éliminera les oxydes et les contaminants, mais laissera également une nano-couche qui servira de barrière contre de nouveaux effets corrosifs. Il peut aussi servir à l'entretien quotidien de surfaces légèrement abîmées qui ont été auparavant traitées avec Innosoft B570.

INNOPROTECT B580 è un delicato detergente neutro, lascia un leggero strato protettivo che previene la corrosione del tempo e degli agenti atmosferici. Ideale per la pulizia quotidiana di superfici leggermente sporche e che erano state trattate precedentemente con INNOSOFT B570.

#### Reinigungsmittel

Cleaner / Produits d'entretien / Detergenti



| #                                              | Material      |     |          |
|------------------------------------------------|---------------|-----|----------|
| geschliffen / satin finish / brossé / satinato |               |     |          |
| CN6909200                                      | V2A; AISI 304 | „0“ | 150 x 90 |
| CN6909210                                      | V2A; AISI 304 | „1“ | 150 x 90 |
| CN6909220                                      | V2A; AISI 304 | „2“ | 150 x 90 |
| CN6909230                                      | V2A; AISI 304 | „3“ | 150 x 90 |
| CN6909240                                      | V2A; AISI 304 | „4“ | 150 x 90 |
| CN6909250                                      | V2A; AISI 304 | „5“ | 150 x 90 |
| CN6909260                                      | V2A; AISI 304 | „6“ | 150 x 90 |
| CN6909270                                      | V2A; AISI 304 | „7“ | 150 x 90 |
| CN6909280                                      | V2A; AISI 304 | „8“ | 150 x 90 |
| CN6909290                                      | V2A; AISI 304 | „9“ | 150 x 90 |
| CN6909300                                      | V2A; AISI 304 | „a“ | 150 x 90 |
| CN6909310                                      | V2A; AISI 304 | „b“ | 150 x 90 |
| CN6909320                                      | V2A; AISI 304 | „c“ | 150 x 90 |

Hausnummern und Buchstaben mit Schutzfolie beschichtet, inkl. Befestigungsmaterial, Materialstärke 3 mm, einseitig geschliffen

Housenumbers and letters coated with a protective foil, incl. screws, material thickness 3 mm, satin finish / Numéros de rue, Lettres revêtus d'un film protecteur, vis de fixation comprises, épaisseur de 3 mm, brossé sur une seule face / Numeri civici e lettere rivestiti con pellicola protettiva, incl. materiale di fissaggio, spessore del materiale 3 mm, satinato su lato a vista

| #                                            | Material  |                     |      |
|----------------------------------------------|-----------|---------------------|------|
| Aluminium / aluminum / aluminium / alluminio |           |                     |      |
| 88020                                        | Aluminium | 1150 x 410 x 300 mm | grün |

Standbriefkasten Material Aluminium, pulverbeschichtet, Einwurflappe Messing hochglanzpoliert, ca. 280 x 65 mm

Post box aluminum, powder coated, with brass polished plate, 280 x 65 mm / Boîte à lettres sur pied en aluminium, revêtue par poudre, entrée de boîte à lettres laiton poli miroir, env. 280 x 65 mm / Cassetta postale su piede materiale alluminio, verniciato a polvere, placca in ottone lucidato a specchio, ca. 280 x 65 mm



2



**Wandbriefkasten Material Aluminium, pulverbeschichtet, Einwurflappe  
 Messing hochglanzpoliert, ca. 280 x 65 mm**

Post box for wall mounting aluminum, powder coated, with brass polished plate, 280 x 65 mm / Boîte à lettres murale en aluminium, revêtue par poudre, entrée de boîte à lettres laiton poli miroir, env. 280 x 65 mm / Cassetta postale da parete materiale alluminio, verniciato a polvere, placca in ottone lucidato a specchio, ca. 280 x 65 mm

| #                                            | Material  |                 |         |
|----------------------------------------------|-----------|-----------------|---------|
| Aluminium / aluminum / aluminium / alluminio |           |                 |         |
| 88530                                        | Aluminium | 525 x 420 x 290 | schwarz |
| 88510                                        | Aluminium | 525 x 420 x 290 | weiß    |
| 88520                                        | Aluminium | 525 x 420 x 290 | grün    |



**Musterboxen LED-Ganzglasgeländer**

Sample Boxes LED Glass balustrade / Coffret de présentation Garde-corps en verre avec LED / Box campionato Ringhiera a vetro intero con LED

| #         |
|-----------|
| CL9999950 |

Bestehend aus: LED Glasgeländer Länge 250 mm Glasstärke 16,76 mm, mit Bodenprofil zur aufgesetzten Montage und Handlaufprofil, inkl. Endkappen und Trafostecker, LED kaltweiß

Consisting of: LED Glass Balustrade 250mm Glass thickness 16.76 mm with floor-mounted profile for fixed-point installation and hand-rail profile, including end caps and transformer plug, LED cool white

Comprenant: garde-corps en verre avec LED, longueur 250 mm, épaisseur du verre 16,76 mm, monté dans un profilé au sol pour fixation sur platine, profil de main-courante, avec embouts de terminaison et connecteur pour le transformateur. Couleur LED: blanc froid.

Composto da: ringhiera a vetro intero con LED, lunghezza 250 mm, spessore del vetro 16,76 mm, con profilo di base per il montaggio a pavimento, corrimano, tappi terminali e alimentatore, LED con tonalità bianco – freddo.



#

CL9999960

**Musterbox LED-Handlauf**

Sample Box LED handrail with plastic cover / Coffret de présentation Main courante LED avec cache en matière plastique / Box campionato Corrimano con LED incorporati

Bestehend aus: LED Handlauf inkl. Handlaufträger, Länge 470 mm und Trafostecker, UP- Montage Dose, LED warmweiß

Consisting of: LED hand-rail including hand-rail bracket, length 470 mm and transformer plug, In-Wall Adjustable Fitted Socket, LED warm white

Comprenant: une main-courante à LED avec support, longueur 470 mm, connecteur pour transformateur, boîte de dérivation réglable à poser sous saignée. Couleur LED: blanc chaud

Composto da: corrimano con LED incorporati, lunghezza 470 mm, reggicorrimano, scatola di derivazione regolabile per montaggio sottointonaco o nei cappotti termici, tappi terminali e alimentatore, LED con tonalità bianco – caldo.



#

CL9999980

**Musterbox LED-Ganzglasgeländer und LED Handlauf**

Sample Boxes LED Glass balustrade and handrail with plastic Cover / Coffret de présentation Garde-corps en verre avec LED et main-courante LED avec cache en matière plastique / Box campionato Ringhiera e corrimano con LED incorporati

Bestehend aus: LED Handlauf inkl. Handlaufträger, Länge 470 mm und Trafostecker, LED warmweiß LED Glasgeländer Länge 250 mm Glasstärke 16,76 mm, mit Bodenprofil zur aufgesetzten Montage und Handlaufprofil, inkl. Endkappen und Trafostecker, UP- Montage Dose, LED kaltweiß

Consisting of: LED hand-rail including hand-rail bracket, length 470 mm, and transformer plug, LED warm white LED Glass balustrade, length 250 mm, glass thickness 16.76 mm, with floor-mounted profile for fixed-point installation and hand-rail profile, including end caps and transformer plug, In-Wall Adjustable Fitted Socket, LED cool white

Comprenant: Une main-courante à LED avec support, longueur 470 mm, connecteur pour transformateur. boîte de dérivation réglable à poser sous saignée. Couleur LED: blanc chaud. Garde-corps en verre avec LED, longueur 250 mm, épaisseur du verre 16,76 mm, monté dans un profilé au sol pour fixation sur platine, profil de main-courante, avec embouts de terminaison et connecteur pour le transformateur. Couleur LED: blanc froid.

Composto da: Ringhiera a vetro intero con LED, lunghezza 250 mm, spessore del vetro 16,76 mm, con profilo di base per il montaggio a pavimento, corrimano, scatola di derivazione regolabile per montaggio sottointonaco o nei cappotti termici, tappi terminali e alimentatore, LED con tonalità bianco – freddo. Corrimano con LED incorporati, lunghezza 470 mm, reggicorrimano, tappi terminali e alimentatore, LED con tonalità bianco – caldo.

2



**Musterkoffer Bodenprofilsystem 1.0;**  
 Sample boxe base profile system 1.0 / Coffret de présentation système de profilés 1.0 / Box campionato sistema di profili di base 1.0

| #         |
|-----------|
| CN9999935 |



**Musterkoffer Handlaufprofile**  
 Sample box handrail profiles; Coffret de présentation profilés de main-courantes; Box campionato profili corrimano

| #         |
|-----------|
| CN9999936 |



**Musterkoffer Bodenprofilsystem 2.0;**  
 Sample box base profile system 2.0 / Coffret de présentation système profilés 2.0 / Box campionato sistema profili di base 2.0

| #         |
|-----------|
| CN9999937 |



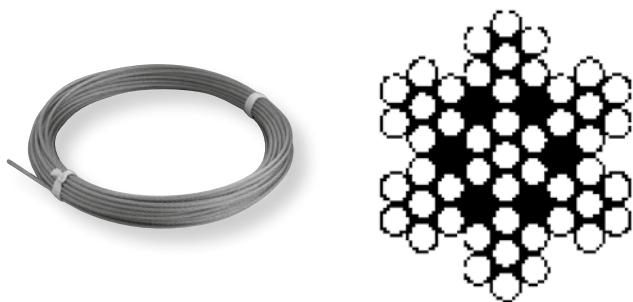


## Drahtseilsystem

Wire system / Câbles et accessoires / Funi e accessori

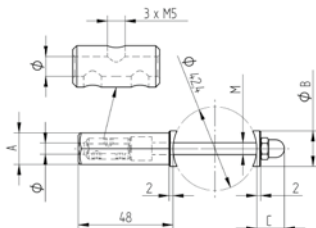
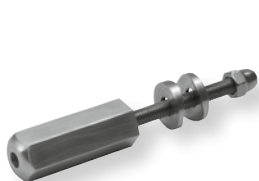


3



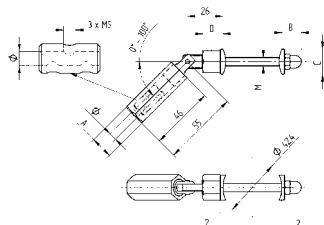
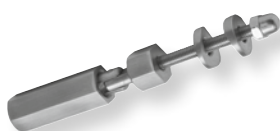
| #         | Material      | Ø      | Rolle à |
|-----------|---------------|--------|---------|
| CN8800010 | V2A; AISI 304 | 4,0 mm | 25 m    |
| CN8800020 | V2A; AISI 304 | 5,0 mm | 25 m    |
| CN8800030 | V2A; AISI 304 | 6,0 mm | 25 m    |
| CN8800040 | V2A; AISI 304 | 8,0 mm | 25 m    |
| CN8800015 | V2A; AISI 304 | 4,0 mm | 100 m   |
| CN8800025 | V2A; AISI 304 | 5,0 mm | 100 m   |
| CN8800035 | V2A; AISI 304 | 6,0 mm | 100 m   |
| CN8800045 | V2A; AISI 304 | 8,0 mm | 100 m   |
| CN8800011 | V4A; AISI 316 | 4,0 mm | 25 m    |
| CN8800021 | V4A; AISI 316 | 5,0 mm | 25 m    |
| CN8800031 | V4A; AISI 316 | 6,0 mm | 25 m    |
| CN8800016 | V4A; AISI 316 | 4,0 mm | 100 m   |
| CN8800026 | V4A; AISI 316 | 5,0 mm | 100 m   |
| CN8800036 | V4A; AISI 316 | 6,0 mm | 100 m   |

## Wire / Câble inox / Fune



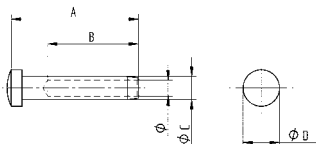
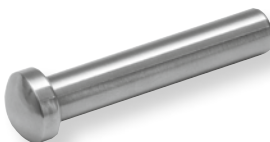
| #                                              | Material      | Drahtseil | Ø   | M | A  | B  | C  |
|------------------------------------------------|---------------|-----------|-----|---|----|----|----|
| geschliffen / satin finish / brossé / satinato |               |           |     |   |    |    |    |
| CN8800524                                      | V4A; AISI 316 | 4,0 mm    | 5,7 | 6 | 16 | 18 | 12 |
| CN8800525                                      | V4A; AISI 316 | 5,0 mm    | 5,7 | 6 | 16 | 18 | 12 |
| CN8800526                                      | V4A; AISI 316 | 6,0 mm    | 7,0 | 8 | 19 | 22 | 15 |

Terminal / Embout pour câble / Terminale a vite



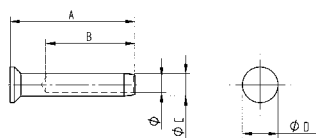
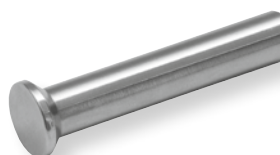
| #                                              | Material      | Drahtseil | Ø   | M | A  | B  | C  | D    |
|------------------------------------------------|---------------|-----------|-----|---|----|----|----|------|
| geschliffen / satin finish / brossé / satinato |               |           |     |   |    |    |    |      |
| CN8800554                                      | V4A; AISI 316 | 4,0 mm    | 5,7 | 6 | 16 | 12 | 18 | 14,5 |
| CN8800555                                      | V4A; AISI 316 | 5,0 mm    | 5,7 | 6 | 16 | 12 | 18 | 14,5 |
| CN8800556                                      | V4A; AISI 316 | 6,0 mm    | 7,0 | 8 | 19 | 15 | 22 | 17,0 |

Terminal with joint / Embout orientable pour câble / Terminale a vite



| #                                              | Material      | Drahtseil | Ø | A  | B  | C   | D  |
|------------------------------------------------|---------------|-----------|---|----|----|-----|----|
| geschliffen / satin finish / brossé / satinato |               |           |   |    |    |     |    |
| CN8802840                                      | V4A; AISI 316 | 4,0 mm    | 4 | 35 | 25 | 6,5 | 10 |
| CN8802850                                      | V4A; AISI 316 | 5,0 mm    | 5 | 41 | 30 | 7,5 | 12 |
| CN8802860                                      | V4A; AISI 316 | 6,0 mm    | 6 | 52 | 40 | 9,0 | 14 |

## Terminal / Embout bombé à sertir/ Terminale testa bombata



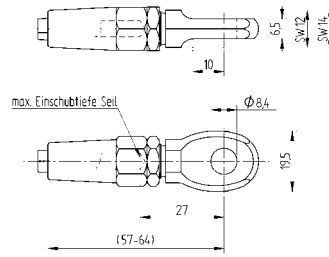
| #                                              | Material      | Drahtseil | Ø   | A  | B  | C   | D  |
|------------------------------------------------|---------------|-----------|-----|----|----|-----|----|
| geschliffen / satin finish / brossé / satinato |               |           |     |    |    |     |    |
| CN8802940                                      | V4A; AISI 316 | 4,0 mm    | 4,4 | 35 | 25 | 6,4 | 10 |
| CN8802950                                      | V4A; AISI 316 | 5,0 mm    | 5,3 | 41 | 30 | 7,5 | 12 |
| CN8802960                                      | V4A; AISI 316 | 6,0 mm    | 6,5 | 52 | 40 | 9,0 | 14 |

## Terminal counter sunk / Embout plat à sertir / Terminale testa svasata

| #         | Material      | Drahtseil |
|-----------|---------------|-----------|
| CN8800100 | V4A; AISI 316 | 4,0 mm    |

### Augenterminal

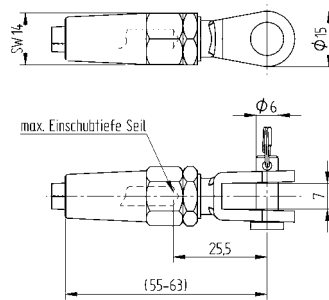
Terminal / Embout à oeil / Terminale ad occhiello



| #         | Material      | Drahtseil |
|-----------|---------------|-----------|
| CN8800200 | V4A; AISI 316 | 4,0 mm    |

### Gabelterminal

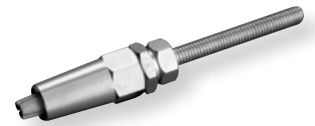
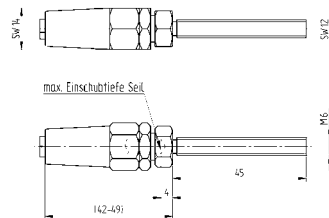
Threaded terminal / Embout à chape / Terminale a forcilla



| #         | Material      | Drahtseil |
|-----------|---------------|-----------|
| CN8800300 | V4A; AISI 316 | 4,0 mm    |

### Gabelterminal

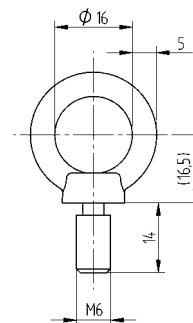
Threaded terminal / Embout à tige / Terminale a forcilla



| #         | Material      | Gewinde |
|-----------|---------------|---------|
| CN8800600 | V4A; AISI 316 | M6      |

### Ringöse

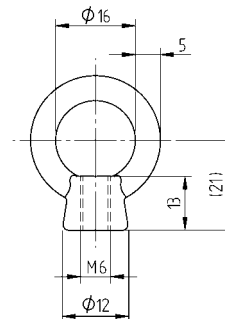
Ring eye / Anneau à tige/ Golfare maschio, Femmina



| #         | Material      | Gewinde |
|-----------|---------------|---------|
| CN8800700 | V4A; AISI 316 | M6      |
| CN8800710 | V2A; AISI 304 | M6      |

### Ringöse

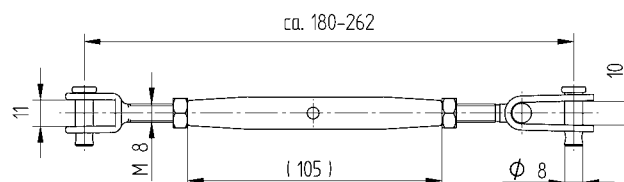
Ring eye / Anneau taraudé/ Golfare maschio, Femmina



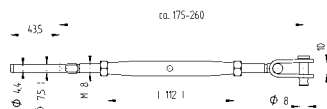
| #         | Material      |
|-----------|---------------|
| CN8800400 | V4A; AISI 316 |

### Seilspanner mit 2 Gabeln

Tensioner with 2 brackets / Tendeur de câble à 2 chapes / Tensionatore con 2 forcelle



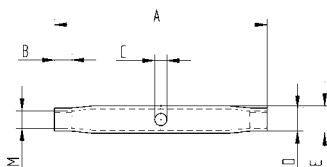
3



| #         | Material      |
|-----------|---------------|
| CN8800500 | V4A; AISI 316 |

#### Seilspanner mit 1 Gabeln

Tensioner with 1 brackets / Tendeur de câble à 1 chapes / Tensionatore con 1 forcelle



| #         | Material      | A   | B  | C   | D  | E  | M  |
|-----------|---------------|-----|----|-----|----|----|----|
| CN8802710 | V4A; AISI 316 | 92  | 10 | 3,5 | 8  | 10 | 6  |
| CN8802720 | V4A; AISI 316 | 122 | 11 | 7,5 | 13 | 16 | 10 |

#### Mittelstück

Center / Corps de tendeur / Elemento centrale

#### mit Innengewinde

with inner thread / taraudé / con filettatura interna dx/sx



| #                                              | Material      | Gewinde | A   | B  | C  | D   | E    | M  |
|------------------------------------------------|---------------|---------|-----|----|----|-----|------|----|
| geschliffen / satin finish / brossé / satinato |               |         |     |    |    |     |      |    |
| CN8802810                                      | V4A; AISI 316 | R       | 100 | 55 | 40 | 4,3 | 7,5  | 6  |
| CN8802815                                      | V4A; AISI 316 | L       | 100 | 55 | 40 | 4,3 | 7,5  | 6  |
| CN8802820                                      | V4A; AISI 316 | L       | 130 | 70 | 63 | 6,5 | 12,5 | 10 |
| CN8802825                                      | V4A; AISI 316 | R       | 130 | 70 | 63 | 6,5 | 12,5 | 10 |

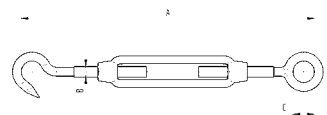
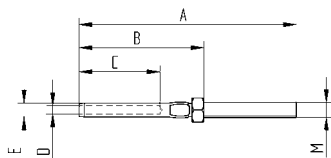
#### Quetschhülse

Wire terminal / Tige à sertir / Terminale da pressare

mit Außengewinde, rechts- und linksgängig, inkl. Kontermutter

terminal for compression / fileté, pas à droite (R) ou à gauche (L), contre-écrou

compris / con filettatura esterna destra o sinistra, dado incluso



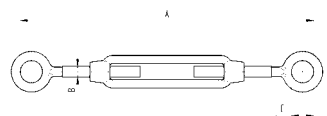
| #         | Material      | Drahtstärke | A             | B  | C    |
|-----------|---------------|-------------|---------------|----|------|
| CN8800810 | V4A; AISI 316 | 4,0 mm      | ca. 93 – 128  | M4 | 8,5  |
| CN8800820 | V4A; AISI 316 | 5,0 mm      | ca. 110 – 163 | M5 | 8,5  |
| CN8800830 | V4A; AISI 316 | 6,0 mm      | ca. 144 – 212 | M6 | 11,0 |

#### Spannschloss

Turnbuckle / Tendeur / Tensionatori

#### 1 Öse, 1 Haken

1 eye, 1 hook / 1 oeil, 1 crochet / 1 gancio, 1 occhiello



| #         | Material      | Drahtstärke | A             | B  | C    |
|-----------|---------------|-------------|---------------|----|------|
| CN8800910 | V4A; AISI 316 | 4,0 mm      | ca. 93 – 128  | M4 | 8,5  |
| CN8800920 | V4A; AISI 316 | 5,0 mm      | ca. 110 – 163 | M5 | 8,5  |
| CN8800930 | V4A; AISI 316 | 6,0 mm      | ca. 144 – 212 | M6 | 10,5 |

#### Spannschloss

Turnbuckle / Tendeur / Tensionatori

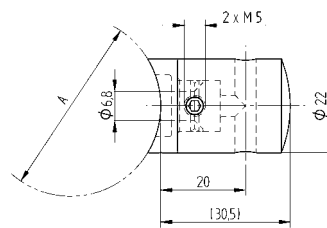
#### 2 Ösen

2 eye / 2 oeil / 2 occhielli

| #         | Material      | Drahtstärke | A      |
|-----------|---------------|-------------|--------|
| CN8801110 | V4A; AISI 316 | 4,0 mm      | Ø 33,7 |
| CN8801120 | V4A; AISI 316 | 4,0 mm      | Ø 42,4 |
| CN8801130 | V4A; AISI 316 | 4,0 mm      | gerade |
| CN8801210 | V4A; AISI 316 | 5,0 mm      | Ø 33,7 |
| CN8801220 | V4A; AISI 316 | 5,0 mm      | Ø 42,4 |
| CN8801230 | V4A; AISI 316 | 5,0 mm      | Ø 48,3 |
| CN8801240 | V4A; AISI 316 | 5,0 mm      | gerade |
| CN8801310 | V4A; AISI 316 | 6,0 mm      | Ø 33,7 |
| CN8801320 | V4A; AISI 316 | 6,0 mm      | Ø 42,4 |
| CN8801330 | V4A; AISI 316 | 6,0 mm      | Ø 48,3 |
| CN8801340 | V4A; AISI 316 | 6,0 mm      | gerade |

### Traversenhalter

Cross holder / Support pour câble bombé / Supporto fune

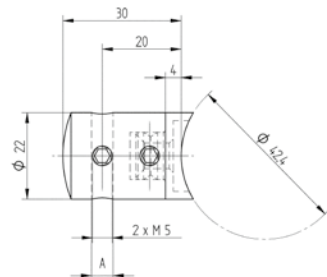


3

| #                                              | Material      | Drahtseil | A   |
|------------------------------------------------|---------------|-----------|-----|
| geschliffen / satin finish / brossé / satinato |               |           |     |
| CN8802040                                      | V4A; AISI 316 | 4,0 mm    | 4,5 |
| CN8802050                                      | V4A; AISI 316 | 5,0 mm    | 5,5 |
| CN8802060                                      | V4A; AISI 316 | 6,0 mm    | 6,5 |

### Traversenhalter

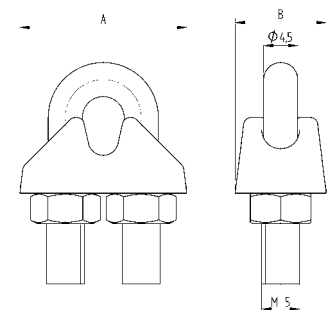
Cross holder / Support pour câble bombé / Supporto fune a morsetto



| #         | Material      | Drahtseil | A  | B  |
|-----------|---------------|-----------|----|----|
| CN8801010 | V4A; AISI 316 | 4,0 mm    | 22 | 10 |
| CN8801020 | V4A; AISI 316 | 5,0 mm    | 24 | 11 |
| CN8801030 | V4A; AISI 316 | 6,0 mm    | 26 | 12 |
| CN8801040 | V4A; AISI 316 | 8,0 mm    | 30 | 14 |

### Schraubklemme

Rope clamp / Serre-câble étrier / Morsetto fune



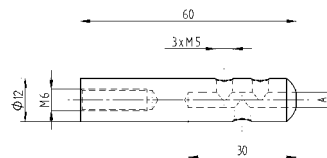
| #         | Material      | Drahtstärke | A     |
|-----------|---------------|-------------|-------|
| CN8801510 | V4A; AISI 316 | 4,0 mm      | Ø 4,1 |
| CN8801520 | V4A; AISI 316 | 5,0 mm      | Ø 5,1 |
| CN8801530 | V4A; AISI 316 | 6,0 mm      | Ø 6,1 |

### Anschlussstück

Joint connector / Connecteur taraudé / Connettore

mit einseitigem Innengewinde M6

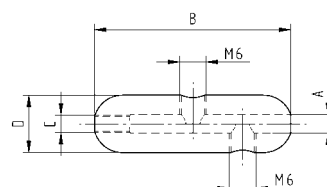
one sided thread / taraudé M6 à une extrémité / con filettatura interna M6 ad un lato



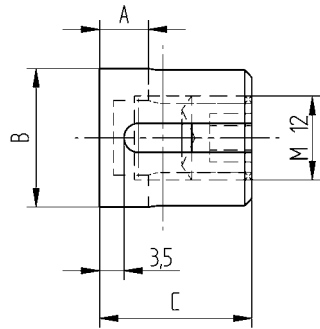
| #         | Material      | Drahtstärke | A     | B  | C  | D    |
|-----------|---------------|-------------|-------|----|----|------|
| CN8801400 | V4A; AISI 316 | 3,0 mm      | Ø 3,1 | 45 | M3 | Ø 12 |
| CN8801410 | V4A; AISI 316 | 4,0 mm      | Ø 4,1 | 45 | M4 | Ø 13 |
| CN8801420 | V4A; AISI 316 | 5,0 mm      | Ø 5,1 | 65 | M5 | Ø 14 |
| CN8801430 | V4A; AISI 316 | 6,0 mm      | Ø 6,1 | 65 | M6 | Ø 14 |

### Verbindungsstück

Connectors / Raccords / Connettori



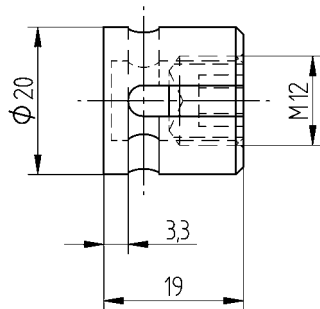
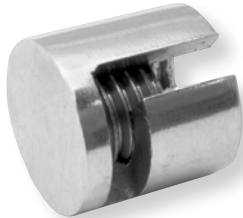
3



| #         | Material      | Drahtstärke | A | B  | C  |
|-----------|---------------|-------------|---|----|----|
| CN8801810 | V4A; AISI 316 | 4,0 mm      | 7 | 20 | 22 |
| CN8801820 | V4A; AISI 316 | 5,0 mm      | 8 | 21 | 23 |
| CN8801830 | V4A; AISI 316 | 6,0 mm      | 9 | 22 | 24 |

**Seilstopper 90°**

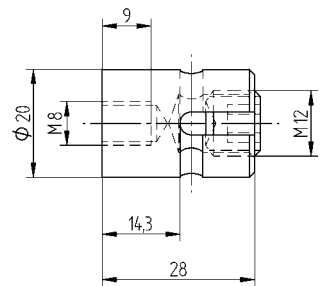
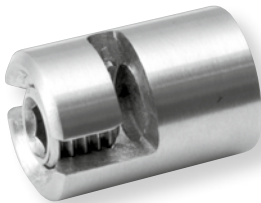
Cable stop 90° / Arrêt butoir 90° / Fermafuno 90°



| #         | Material      | Drahtstärke |
|-----------|---------------|-------------|
| CN8801910 | V4A; AISI 316 | 4,0 mm      |
| CN8801920 | V4A; AISI 316 | 5,0 mm      |
| CN8801930 | V4A; AISI 316 | 6,0 mm      |

**Seilstopper 180°**

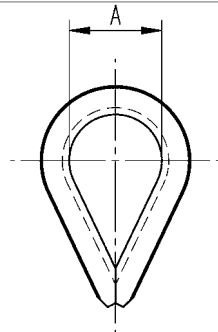
Cable stop 180° / Arrêt butoir 180° / Fermafuno 180°



| #         | Material      | Drahtstärke |
|-----------|---------------|-------------|
| CN8802010 | V4A; AISI 316 | 4,0 mm      |
| CN8802020 | V4A; AISI 316 | 5,0 mm      |
| CN8802030 | V4A; AISI 316 | 6,0 mm      |

**Seilstopper 180°**

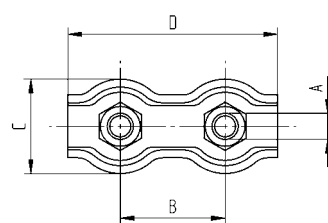
Cable stop 180° / Arrêt butoir 180° / Fermafuno 180°



| #         | Material      | Drahtstärke | A      |
|-----------|---------------|-------------|--------|
| CN8801710 | V4A; AISI 316 | 4,0 mm      | ca. 10 |
| CN8801720 | V4A; AISI 316 | 5,0 mm      | ca. 12 |
| CN8801730 | V4A; AISI 316 | 6,0 mm      | ca. 15 |
| CN8801740 | V4A; AISI 316 | 8,0 mm      | ca. 20 |

**Kauschen**

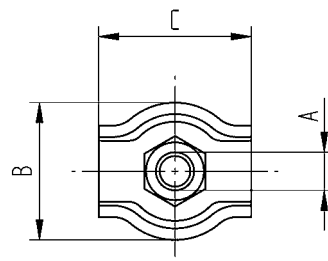
Thimble / Cosse-cœur / Redancia



| #         | Material      | Drahtstärke | A  | B  | C  | D  |
|-----------|---------------|-------------|----|----|----|----|
| CN8802200 | V4A; AISI 316 | 3,0 mm      | M4 | 17 | 15 | 35 |
| CN8802210 | V4A; AISI 316 | 4,0 mm      | M5 | 20 | 18 | 40 |
| CN8802220 | V4A; AISI 316 | 5,0 mm      | M5 | 25 | 20 | 50 |
| CN8802230 | V4A; AISI 316 | 6,0 mm      | M6 | 30 | 25 | 60 |
| CN8802240 | V4A; AISI 316 | 8,0 mm      | M8 | 36 | 28 | 70 |

**Duplex-Clip**

Duplex-clip / Serre-câble double / Duplex-Clip



| #         | Material      | Drahtstärke | A  | B  | C  |
|-----------|---------------|-------------|----|----|----|
| CN8802100 | V4A; AISI 316 | 3,0 mm      | M4 | 15 | 18 |
| CN8802110 | V4A; AISI 316 | 4,0 mm      | M5 | 18 | 20 |
| CN8802120 | V4A; AISI 316 | 5,0 mm      | M5 | 20 | 25 |
| CN8802130 | V4A; AISI 316 | 6,0 mm      | M6 | 25 | 30 |
| CN8802140 | V4A; AISI 316 | 8,0 mm      | M8 | 28 | 35 |

**Simplex-Clip**

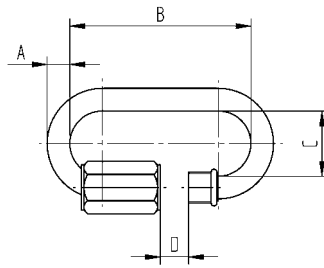
Simplex-clip / Serre-câble simple / Simplex-Clip



| #         | Material      | A   | B  | C    | D   |
|-----------|---------------|-----|----|------|-----|
| CN8802410 | V4A; AISI 316 | Ø 4 | 32 | 11,5 | 15  |
| CN8802420 | V4A; AISI 316 | Ø 5 | 40 | 13,0 | 6,5 |
| CN8802430 | V4A; AISI 316 | Ø 6 | 46 | 14,5 | 7,5 |
| CN8802440 | V4A; AISI 316 | Ø 8 | 58 | 17,5 | 8,5 |

**Schnellverschluss**

Quick fastener / Maillon rapide / Chiusura rapida

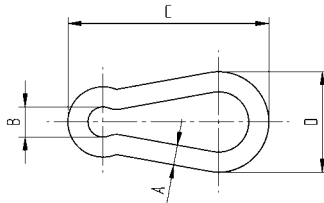


3

| #         | Material      | A   | B    | C  | D  |
|-----------|---------------|-----|------|----|----|
| CN8802310 | V4A; AISI 316 | Ø 4 | Ø 6  | 40 | 20 |
| CN8802320 | V4A; AISI 316 | Ø 5 | Ø 7  | 50 | 25 |
| CN8802330 | V4A; AISI 316 | Ø 6 | Ø 8  | 60 | 30 |
| CN8802340 | V4A; AISI 316 | Ø 8 | Ø 11 | 80 | 40 |

**Karabinerhaken**

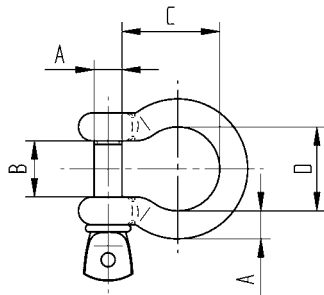
Carabiner / Mousqueton / Moschettone



| #         | Material      | A   | B  | C  | D  |
|-----------|---------------|-----|----|----|----|
| CN8802610 | V4A; AISI 316 | Ø 4 | 8  | 14 | 12 |
| CN8802620 | V4A; AISI 316 | Ø 5 | 10 | 17 | 14 |
| CN8802630 | V4A; AISI 316 | Ø 6 | 12 | 20 | 17 |
| CN8802640 | V4A; AISI 316 | Ø 8 | 16 | 28 | 24 |

**Schäkel**

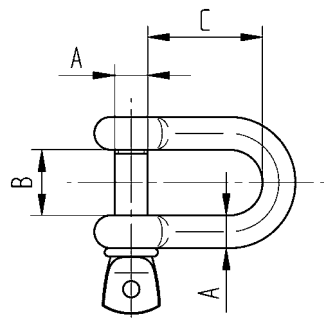
Shackle / Manille lyre / Grillo



| #         | Material      | A   | B  | C  |
|-----------|---------------|-----|----|----|
| CN8802510 | V4A; AISI 316 | Ø 4 | 8  | 14 |
| CN8802520 | V4A; AISI 316 | Ø 5 | 10 | 15 |
| CN8802530 | V4A; AISI 316 | Ø 6 | 12 | 21 |
| CN8802540 | V4A; AISI 316 | Ø 8 | 16 | 27 |

**Schäkel**

Shackle / Manille droite/ Grillo



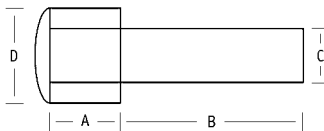
| #         | Material  | A      | B  | C  | D  |
|-----------|-----------|--------|----|----|----|
| CN8900100 | Ti-6Al-4V | ca. 10 | 30 | 10 | 15 |

**Titan-Endstück**

Titanium end piece / Contre-écrou, titane / Terminale femmina in Titanio

**für Drahtseilsystem, mit Innengewinde M6**

for wire system, with inner thread M6 / pour câbles, taraudé M6 / con filettatura interna M6 per Fune



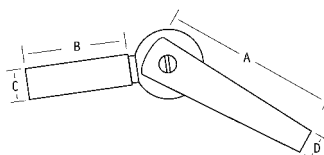
| #         | Material  | A  | B  | C  | D  |
|-----------|-----------|----|----|----|----|
| CN8900200 | Ti-6Al-4V | 52 | 45 | 10 | 10 |

**Titan-Gelenkstück**

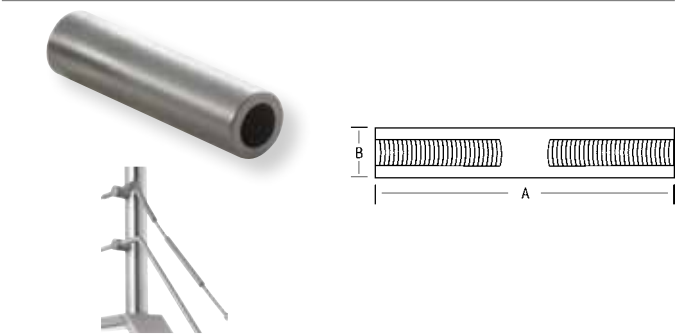
Titanium joint piece / Raccord articulé, titane / Giunzione snodata in Titanio

**für Drahtseilsystem, mit beidseitigem Innengewinde M6**

for wire system, with both sided inside thread M6 / pour câbles, avec filetage intérieur M6 aux deux extrémités / con doppia filettatura interna M6 per Fune

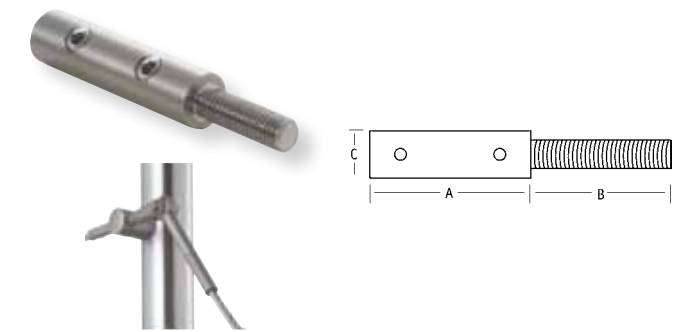


3



| #                                              | Material  | A  | B  |
|------------------------------------------------|-----------|----|----|
| geschliffen / satin finish / brossé / satinato |           |    |    |
| CN8900300                                      | Ti-6Al-4V | 30 | 10 |

**Titan-Verbindungsstück**  
Titanium joint piece / Connecteur droit, titane / Giunzione snodata in Titanio  
**mit beidseitigem Innengewinde M6 x 20 mm**  
with both sided inside thread M6 x 20 mm / taraudé M6 x 20 mm aux deux extrémités / con doppia filettatura interna M6 x 20 mm



| #         | Material  | Drahtstärke | A  | B  | C  |
|-----------|-----------|-------------|----|----|----|
| CN8900020 | Ti-6Al-4V | 5,0 mm      | 40 | 20 | 10 |
| CN8900020 | Ti-6Al-4V | 5,0 mm      | 40 | 20 | 10 |
| CN8900030 | Ti-6Al-4V | 6,0 mm      | 40 | 20 | 10 |

**Titan-Seilklemme**  
Titanium wire clamp / Connecteur avec filetage titane / Terminale filettato in Titanio  
**für Drahtseilssystem, Außengewinde M6, mit 2 Madenschrauben**  
for wire system, with outside thread, with 2 grub screw / pour câbles, tige filetée M6, avec 2 vis sans tête / filettatura esterna M6, con 2 grani filettati per Fune

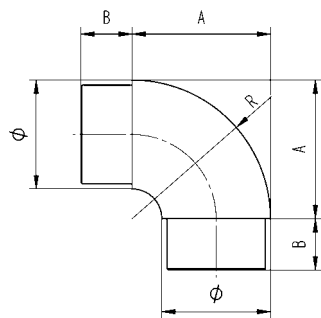


## Fittings, Stecksysteme

Fittings / Fittings, Raccords et pièces de jonctions / Raccordi ad Innesto



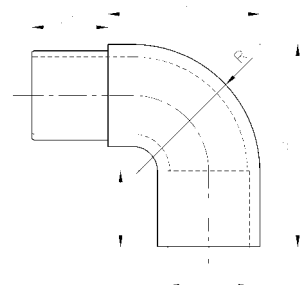
4



| #                                                                   | Material      | Ø          | A  | B  | R  |
|---------------------------------------------------------------------|---------------|------------|----|----|----|
| geschliffen / satin finish / brossé / satinato                      |               |            |    |    |    |
| CN4590325                                                           | V2A; AISI 304 | 42,4 x 2,0 | 65 | 25 | 61 |
| 050400                                                              | V2A; AISI 304 | 33,7 x 2,0 | 42 | 18 | 42 |
| 050500                                                              | V2A; AISI 304 | 42,4 x 2,0 | 54 | 20 | 54 |
| 050600                                                              | V2A; AISI 304 | 48,3 x 2,0 | 55 | 22 | 55 |
| CN4590300                                                           | V4A; AISI 316 | 33,7 x 2,0 | 55 | 25 | 51 |
| CN4590320                                                           | V4A; AISI 316 | 40,0 x 2,0 | 65 | 25 | 61 |
| CN4590330                                                           | V4A; AISI 316 | 42,4 x 2,0 | 65 | 25 | 61 |
| CN4590350                                                           | V4A; AISI 316 | 42,4 x 2,6 | 65 | 25 | 61 |
| CN4590360                                                           | V4A; AISI 316 | 48,3 x 2,0 | 75 | 25 | 71 |
| CN4590370                                                           | V4A; AISI 316 | 48,3 x 2,6 | 75 | 25 | 71 |
| CN4590380                                                           | V4A; AISI 316 | 60,3 x 2,0 | 90 | 25 | 86 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |            |    |    |    |
| CN4590310                                                           | V4A; AISI 316 | 33,7 x 2,0 | 55 | 25 | 51 |
| CN4590311                                                           | V4A; AISI 316 | 38,1 x 1,5 | 55 | 25 | 53 |
| CN4590314                                                           | V4A; AISI 316 | 40,0 x 1,5 | 65 | 25 | 61 |
| CN4590315                                                           | V4A; AISI 316 | 42,4 x 1,5 | 65 | 25 | 61 |
| CN4590340                                                           | V4A; AISI 316 | 42,4 x 2,0 | 65 | 25 | 61 |
| CN4590312                                                           | V4A; AISI 316 | 43,0 x 1,5 | 63 | 25 | 61 |
| CN4590316                                                           | V4A; AISI 316 | 48,3 x 1,5 | 75 | 71 | 61 |
| CN4590317                                                           | V4A; AISI 316 | 48,3 x 2,0 | 75 | 71 | 61 |
| CN4590313                                                           | V4A; AISI 316 | 50,8 x 1,5 | 76 | 74 | 61 |

**Rundbogen 90°**

90° radius elbow / coude 90° arrondi / curva 90°



| #                                              | Material      | RR         | A  | B   | C    | D  | R  |
|------------------------------------------------|---------------|------------|----|-----|------|----|----|
| geschliffen / satin finish / brossé / satinato |               |            |    |     |      |    |    |
| CN4594100                                      | V4A; AISI 316 | 33,7 x 2,0 | 42 | 67  | 29,7 | 25 | 42 |
| CN4594200                                      | V4A; AISI 316 | 42,4 x 2,0 | 51 | 76  | 38,4 | 25 | 51 |
| CN4594300                                      | V4A; AISI 316 | 48,3 x 2,0 | 59 | 84  | 44,5 | 25 | 59 |
| CN4594400                                      | V4A; AISI 316 | 60,3 x 2,0 | 75 | 105 | 56,3 | 30 | 75 |

**Rundbogen 90° mit einseitiger Steckmuffe**

90° mitre elbow / coude 90° angle droit / curva ad angolo 90°

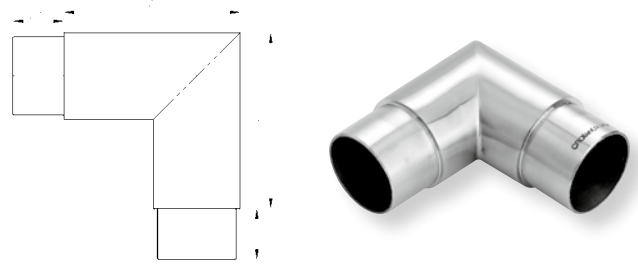
**mit einseitiger Steckmuffe**

one side sliding socket joint / mâle / femelle / maschio / femmina

| #                                                                   | Material      | Maße       | A  |
|---------------------------------------------------------------------|---------------|------------|----|
| geschliffen / satin finish / brossé / satinato                      |               |            |    |
| 035400                                                              | V2A; AISI 304 | 33,7 x 2,0 | 55 |
| CN4590425                                                           | V2A; AISI 304 | 42,4 x 2,0 | 65 |
| 035500                                                              | V2A; AISI 304 | 42,4 x 2,0 | 55 |
| 035600                                                              | V2A; AISI 304 | 48,3 x 2,0 | 55 |
| CN4590400                                                           | V4A; AISI 316 | 33,7 x 2,0 | 55 |
| CN4590420                                                           | V4A; AISI 316 | 40,0 x 2,0 | 65 |
| CN4590430                                                           | V4A; AISI 316 | 42,4 x 2,0 | 65 |
| CN4590450                                                           | V4A; AISI 316 | 42,4 x 2,6 | 65 |
| CN4590460                                                           | V4A; AISI 316 | 48,3 x 2,0 | 67 |
| CN4590470                                                           | V4A; AISI 316 | 48,3 x 2,6 | 67 |
| CN4590480                                                           | V4A; AISI 316 | 60,3 x 2,0 | 82 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |            |    |
| CN4590410                                                           | V4A; AISI 316 | 33,7 x 2,0 | 55 |
| CN4590411                                                           | V4A; AISI 316 | 38,1 x 1,5 | 53 |
| CN4590412                                                           | V4A; AISI 316 | 40,0 x 1,5 | 65 |
| CN4590413                                                           | V4A; AISI 316 | 42,4 x 1,5 | 65 |
| CN4590440                                                           | V4A; AISI 316 | 42,4 x 2,0 | 65 |
| CN4590441                                                           | V4A; AISI 316 | 43,0 x 1,5 | 55 |
| CN4590414                                                           | V4A; AISI 316 | 48,3 x 1,5 | 67 |
| CN4590415                                                           | V4A; AISI 316 | 48,3 x 2,0 | 67 |
| CN4590442                                                           | V4A; AISI 316 | 50,8 x 1,5 | 67 |

#### Eckbogen 90°

90° mitre elbow / coude 90° angle droit / curva ad angolo 90°

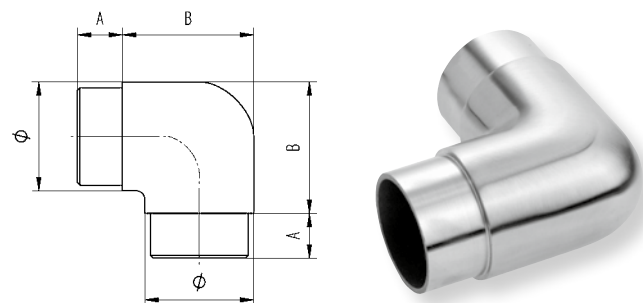


4

| #                                              | Material      | Ø          | A  | B  |
|------------------------------------------------|---------------|------------|----|----|
| geschliffen / satin finish / brossé / satinato |               |            |    |    |
| 030400                                         | V2A; AISI 304 | 33,7 x 2,0 | 17 | 41 |
| 030500                                         | V2A; AISI 304 | 42,4 x 2,0 | 18 | 51 |
| 030600                                         | V2A; AISI 304 | 48,3 x 2,0 | 23 | 57 |

#### Eckbogen 90° gerundet

90° mitre elbow / coude 90° angle droit / curva ad angolo 90°



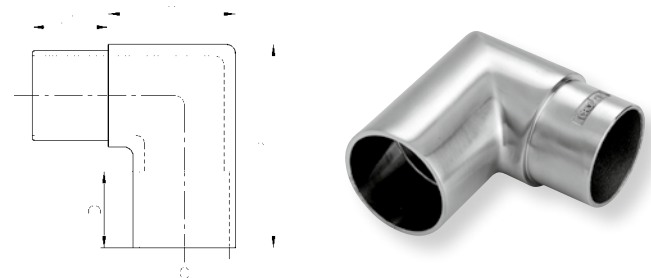
| #                                              | Material      | RR         | A  | B   | C    | D  |
|------------------------------------------------|---------------|------------|----|-----|------|----|
| geschliffen / satin finish / brossé / satinato |               |            |    |     |      |    |
| CN4594100                                      | V4A; AISI 316 | 33,7 x 2,0 | 42 | 67  | 29,7 | 25 |
| CN4594200                                      | V4A; AISI 316 | 42,4 x 2,0 | 51 | 76  | 38,4 | 25 |
| CN4594300                                      | V4A; AISI 316 | 48,3 x 2,0 | 59 | 84  | 44,3 | 25 |
| CN4594400                                      | V4A; AISI 316 | 60,3 x 2,0 | 75 | 105 | 56,3 | 30 |

#### Eckbogen 90° mit einseitiger Steckmuffe

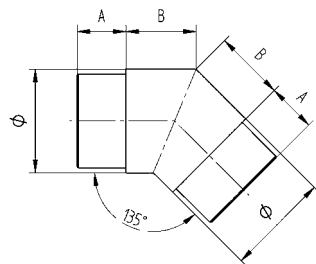
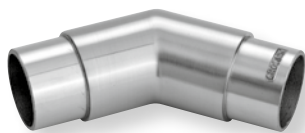
90° mitre elbow / coude 90° angle droit / curva ad angolo 90°

#### mit einseitiger Steckmuffe

one side sliding socket joint / mâle / femelle / maschio / femmina



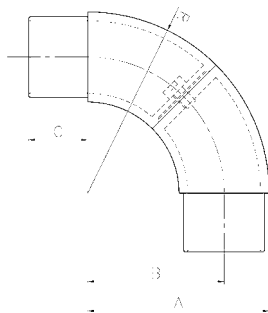
4



| #                                                                   | Material      | Abmessung  | A  | B  |
|---------------------------------------------------------------------|---------------|------------|----|----|
| geschliffen / satin finish / brossé / satinato                      |               |            |    |    |
| 040400                                                              | V2A; AISI 304 | 33,7 x 2,0 | 17 | 30 |
| 040500                                                              | V2A; AISI 304 | 42,4 x 2,0 | 20 | 29 |
| 040600                                                              | V2A; AISI 304 | 48,3 x 2,0 | 23 | 43 |
| CN4590500                                                           | V4A; AISI 316 | 33,7 x 2,0 | 25 | 45 |
| CN4590520                                                           | V4A; AISI 316 | 40,0 x 2,0 | 25 | 50 |
| CN4590530                                                           | V4A; AISI 316 | 42,4 x 2,0 | 25 | 50 |
| CN4590550                                                           | V4A; AISI 316 | 42,4 x 2,6 | 25 | 50 |
| CN4590560                                                           | V4A; AISI 316 | 48,3 x 2,0 | 25 | 50 |
| CN4590570                                                           | V4A; AISI 316 | 48,3 x 2,6 | 25 | 50 |
| CN4590580                                                           | V4A; AISI 316 | 60,3 x 2,0 | 25 | 60 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |            |    |    |
| CN4590510                                                           | V4A; AISI 316 | 33,7 x 2,0 | 25 | 45 |
| CN4590540                                                           | V4A; AISI 316 | 42,4 x 2,0 | 25 | 50 |

**Eckbogen 45°**

45° radius elbow / coude 45° / Curva ad angolo 45°



| #                                              | Material      | Abmessung  | A  | B  | C  | R  |
|------------------------------------------------|---------------|------------|----|----|----|----|
| geschliffen / satin finish / brossé / satinato |               |            |    |    |    |    |
| 015100                                         | V2A; AISI 304 | 42,4 x 2,0 | 60 | 43 | 25 | 57 |
| CN4590600                                      | V4A; AISI 316 | 33,7 x 2,0 | 60 | 43 | 25 | 57 |
| CN4590610                                      | V4A; AISI 316 | 33,7 x 2,6 | 60 | 43 | 25 | 57 |
| CN4590620                                      | V4A; AISI 316 | 42,4 x 2,0 | 70 | 49 | 25 | 67 |
| CN4590630                                      | V4A; AISI 316 | 42,4 x 2,6 | 70 | 49 | 25 | 67 |
| CN4590640                                      | V4A; AISI 316 | 48,3 x 2,0 | 78 | 54 | 30 | 75 |
| CN4590650                                      | V4A; AISI 316 | 48,3 x 2,6 | 78 | 54 | 30 | 75 |
| CN4590660                                      | V4A; AISI 316 | 60,3 x 2,0 | 93 | 63 | 30 | 90 |
| CN4590670                                      | V4A; AISI 316 | 60,3 x 2,6 | 93 | 63 | 30 | 90 |

**Bogen flexibel**

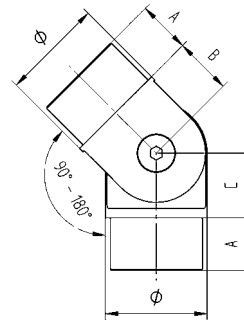
flexible elbow/ coude flexible orientable / Curva regolabile



| #                                                                   | Material      | Ø          | A  | B    | C    |
|---------------------------------------------------------------------|---------------|------------|----|------|------|
| geschliffen / satin finish / brossé / satinato                      |               |            |    |      |      |
| 010400                                                              | V2A; AISI 304 | 33,7 x 2,0 | 22 | 19   | 22   |
| 010500                                                              | V2A; AISI 304 | 42,4 x 2,0 | 22 | 24   | 27   |
| 010600                                                              | V2A; AISI 304 | 48,3 x 2,0 | 25 | 27   | 31   |
| geschliffen / satin finish / brossé / satinato                      |               |            |    |      |      |
| CN4590700                                                           | V4A; AISI 316 | 33,7 x 2,0 | 22 | 20,5 | 24,5 |
| CN4590720                                                           | V4A; AISI 316 | 40,0 x 2,0 | 22 | 24,5 | 29,0 |
| CN4590730                                                           | V4A; AISI 316 | 42,4 x 2,0 | 22 | 26,0 | 27,5 |
| CN4590750                                                           | V4A; AISI 316 | 42,4 x 2,6 | 22 | 26,0 | 27,5 |
| CN4590760                                                           | V4A; AISI 316 | 48,3 x 2,0 | 25 | 28,0 | 31,5 |
| CN4590770                                                           | V4A; AISI 316 | 48,3 x 2,6 | 25 | 28,0 | 31,5 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |            |    |      |      |
| CN4590710                                                           | V4A; AISI 316 | 33,7 x 2,0 | 22 | 20,5 | 24,5 |
| CN4590711                                                           | V4A; AISI 316 | 38,1 x 1,5 | 25 | 21,1 | 24,1 |
| CN4590712                                                           | V4A; AISI 316 | 42,4 x 1,5 | 22 | 26,0 | 27,5 |
| CN4590740                                                           | V4A; AISI 316 | 42,4 x 2,0 | 22 | 26,0 | 27,5 |
| CN4590741                                                           | V4A; AISI 316 | 43,0 x 1,5 | 25 | 22,5 | 26,5 |
| CN4590714                                                           | V4A; AISI 316 | 43,0 x 2,0 | 25 | 28,0 | 31,5 |
| CN4590713                                                           | V4A; AISI 316 | 48,3 x 1,5 | 25 | 28,0 | 31,5 |
| CN4590742                                                           | V4A; AISI 316 | 50,8 x 1,5 | 25 | 27,5 | 30,5 |

#### Gelenkstück

Adjustable joint / Raccord orientable / Giunzione snodata

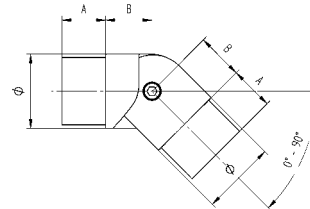


4

| #                                              | Material      | Abmessung  | A  | B    |
|------------------------------------------------|---------------|------------|----|------|
| geschliffen / satin finish / brossé / satinato |               |            |    |      |
| 010300                                         | V2A; AISI 304 | 33,7 x 2,0 | 25 | 19,0 |
| 010310                                         | V2A; AISI 304 | 42,4 x 2,0 | 25 | 26,5 |
| 010320                                         | V2A; AISI 304 | 48,3 x 2,0 | 25 | 28,0 |

#### Gelenkbogen

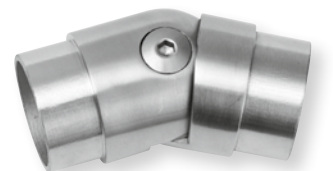
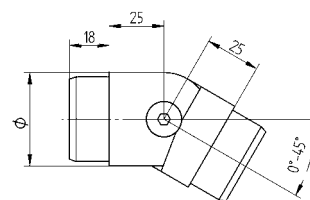
Adjustable joint / Raccord orientable / Giunzione snodata



| #                                                                   | Material      | Ø          |
|---------------------------------------------------------------------|---------------|------------|
| geschliffen / satin finish / brossé / satinato                      |               |            |
| CN1400300                                                           | V4A; AISI 316 | 42,4 x 2,0 |
| CN1400310                                                           | V4A; AISI 316 | 48,3 x 2,0 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |            |
| CN1410300                                                           | V4A; AISI 316 | 42,4 x 2,0 |
| CN1410310                                                           | V4A; AISI 316 | 48,3 x 2,0 |

#### Universalgelenk 0- 45°

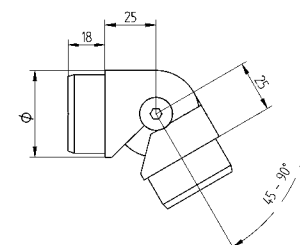
universal joint / articulation universelle / giunzione snodata universale

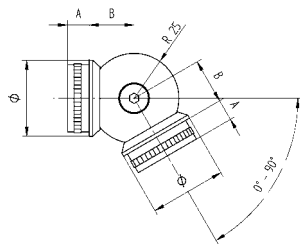


| #                                                                   | Material      | Ø          |
|---------------------------------------------------------------------|---------------|------------|
| geschliffen / satin finish / brossé / satinato                      |               |            |
| CN1400305                                                           | V4A; AISI 316 | 42,4 x 2,0 |
| CN1400315                                                           | V4A; AISI 316 | 48,3 x 2,0 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |            |
| CN1410305                                                           | V4A; AISI 316 | 42,4 x 2,0 |
| CN1410315                                                           | V4A; AISI 316 | 48,3 x 2,0 |

#### Universalgelenk 45 - 90°

universal joint / articulation universelle / giunzione snodata universale



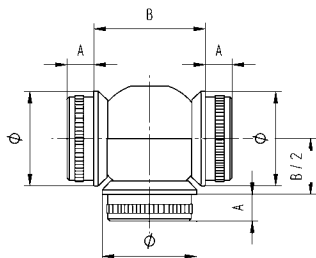


| #                                              | Material      | Abmessung  | A  | B  |
|------------------------------------------------|---------------|------------|----|----|
| geschliffen / satin finish / brossé / satinato |               |            |    |    |
| 095100                                         | V2A; AISI 304 | 33,7 x 2,0 | 12 | 25 |
| 095110                                         | V2A; AISI 304 | 42,4 x 2,0 | 12 | 25 |
| 095120                                         | V2A; AISI 304 | 48,3 x 2,0 | 12 | 30 |

**Kugelgelenk**

Flexible connector / Raccord orientable / sphérique / Giunzione snodata sferica

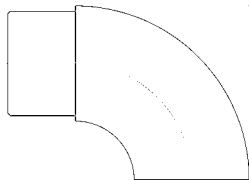
4



| #                                              | Material      | Abmessung  | A  | B  |
|------------------------------------------------|---------------|------------|----|----|
| geschliffen / satin finish / brossé / satinato |               |            |    |    |
| 095200                                         | V2A; AISI 304 | 33,7 x 2,0 | 12 | 50 |
| 095210                                         | V2A; AISI 304 | 42,4 x 2,0 | 12 | 50 |
| 095220                                         | V2A; AISI 304 | 48,3 x 2,0 | 12 | 70 |

**Kugelgelenk**

Flexible connector / Raccord orientable / sphérique / Giunzione snodata sferica



| #                                              | Material      | Maße       | A    |
|------------------------------------------------|---------------|------------|------|
| geschliffen / satin finish / brossé / satinato |               |            |      |
| CN4590815                                      | V2A; AISI 304 | 42,4 x 2,0 | 65,0 |
| 045100                                         | V2A; AISI 304 | 33,7 x 2,0 | 55,0 |
| 045200                                         | V2A; AISI 304 | 42,4 x 2,0 | 64,0 |
| 045300                                         | V2A; AISI 304 | 48,3 x 2,0 | 64,0 |
| CN4590800                                      | V4A; AISI 316 | 33,7 x 2,0 | 55,0 |
| CN4590810                                      | V4A; AISI 316 | 40,0 x 2,0 | 65,0 |
| CN4590820                                      | V4A; AISI 316 | 42,4 x 2,0 | 65,0 |
| CN4590830                                      | V4A; AISI 316 | 42,4 x 2,6 | 65,0 |
| CN4590840                                      | V4A; AISI 316 | 48,3 x 2,0 | 74,5 |
| CN4590850                                      | V4A; AISI 316 | 48,3 x 2,6 | 74,5 |

lange Ausführung geschliffen / long version satin finish / modèle long brossé / modello lungo - satinato

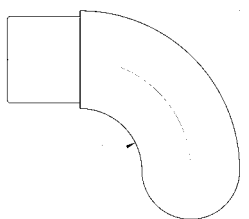
|           |               |            |      |
|-----------|---------------|------------|------|
| CN1400400 | V4A; AISI 316 | 42,4 x 2,0 | 92,0 |
| CN1400410 | V4A; AISI 316 | 48,3 x 2,0 | 95,0 |

lange Ausführung hochglanzpoliert / long version mirror polished / modèle long poli mirror / modello lungo - lucidato a specchio

|           |               |              |      |
|-----------|---------------|--------------|------|
| CN1410401 | V4A; AISI 316 | Ø 38,1 x 1,5 | 92,0 |
| CN1410402 | V4A; AISI 316 | Ø 40,0 x 1,5 | 92,0 |
| CN1410403 | V4A; AISI 316 | Ø 42,4 x 1,5 | 92,0 |
| CN1410400 | V4A; AISI 316 | Ø 42,4 x 2,0 | 92,0 |
| CN1410404 | V4A; AISI 316 | Ø 43,0 x 1,5 | 92,0 |
| CN1410405 | V4A; AISI 316 | Ø 48,3 x 1,5 | 95,0 |
| CN1410410 | V4A; AISI 316 | Ø 48,3 x 2,0 | 95,0 |

**Endstück**

scroll end flat / embout coudé plat / Terminale



| #                                              | Material      | Abmessung  | A    | B   |
|------------------------------------------------|---------------|------------|------|-----|
| geschliffen / satin finish / brossé / satinato |               |            |      |     |
| CN4590900                                      | V4A; AISI 316 | 33,7 x 2,0 | 55,0 | 72  |
| CN4590910                                      | V4A; AISI 316 | 42,4 x 2,0 | 65,0 | 86  |
| CN4590920                                      | V4A; AISI 316 | 42,4 x 2,0 | 65,0 | 86  |
| CN4590930                                      | V4A; AISI 316 | 48,3 x 2,0 | 74,5 | 99  |
| CN4590940                                      | V4A; AISI 316 | 48,3 x 2,0 | 74,5 | 99  |
| CN4590950                                      | V4A; AISI 316 | 60,3 x 2,0 | 89,5 | 120 |

**Endstück**

scroll end curved / embout coudé arrondi / Terminale

| #                                              | Material      | Abmessung  | A  |
|------------------------------------------------|---------------|------------|----|
| geschliffen / satin finish / brossé / satinato |               |            |    |
| CN4591000                                      | V4A; AISI 316 | 26,9 x 2,0 | 58 |
| CN4591100                                      | V4A; AISI 316 | 33,7 x 2,0 | 65 |
| CN4591110                                      | V4A; AISI 316 | 42,4 x 2,0 | 74 |
| CN4591120                                      | V4A; AISI 316 | 48,3 x 2,0 | 75 |
| CN4591130                                      | V4A; AISI 316 | 60,3 x 2,0 | 75 |
| CN4591140                                      | V4A; AISI 316 | 76,1 x 2,0 | 91 |

#### Endstück

scroll end mitre / embout à pan coupé / Terminale

| #                                                                   | Material      | Ø          | A     | B    | C    |
|---------------------------------------------------------------------|---------------|------------|-------|------|------|
| geschliffen / satin finish / brossé / satinato                      |               |            |       |      |      |
| CN4540115                                                           | V2A; AISI 304 | 42,4 x 2,0 | 87,0  | 65,0 | 43,5 |
| 080400                                                              | V2A; AISI 304 | 33,7 x 2,0 | 48,0  | 40,9 | 24,0 |
| 080500                                                              | V2A; AISI 304 | 42,4 x 2,0 | 60,0  | 51,2 | 30,0 |
| 080600                                                              | V2A; AISI 304 | 48,3 x 2,0 | 65,0  | 57,2 | 33,0 |
| CN4540100                                                           | V4A; AISI 316 | 33,7 x 2,0 | 75,0  | 54,5 | 37,5 |
| CN4540110                                                           | V4A; AISI 316 | 40,0 x 2,0 | 87,0  | 64,5 | 43,5 |
| CN4540120                                                           | V4A; AISI 316 | 42,4 x 2,0 | 87,0  | 65,0 | 43,5 |
| CN4540127                                                           | V4A; AISI 316 | 42,4 x 2,6 | 87,0  | 65,0 | 43,5 |
| CN4540130                                                           | V4A; AISI 316 | 48,3 x 2,0 | 89,0  | 68,5 | 44,5 |
| CN4540140                                                           | V4A; AISI 316 | 48,3 x 2,6 | 89,0  | 68,5 | 44,5 |
| CN4540150                                                           | V4A; AISI 316 | 60,3 x 2,0 | 100,5 | 86,5 | 50,0 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |            |       |      |      |
| CN4540105                                                           | V4A; AISI 316 | 33,7 x 2,0 | 75,0  | 54,5 | 37,5 |
| CN4540137                                                           | V4A; AISI 316 | 38,1 x 1,5 | 75,0  | 54,5 | 37,5 |
| CN4540112                                                           | V4A; AISI 316 | 40,0 x 1,5 | 84,0  | 64,5 | 41,5 |
| CN4540125                                                           | V4A; AISI 316 | 42,4 x 2,0 | 87,0  | 65,0 | 43,5 |
| CN4540132                                                           | V4A; AISI 316 | 48,3 x 1,5 | 89,0  | 69,9 | 44,5 |
| CN4540135                                                           | V4A; AISI 316 | 50,8 x 1,5 | 89,0  | 69,9 | 44,5 |

#### T-Stück

T-connector / Raccord en T / Raccordo a T

| #                                              | Material      | A  | B  | C    | D          | E          |
|------------------------------------------------|---------------|----|----|------|------------|------------|
| geschliffen / satin finish / brossé / satinato |               |    |    |      |            |            |
| CN4540200                                      | V4A; AISI 316 | 88 | 65 | 43,5 | 42,4 x 2,0 | 33,7 x 2,0 |
| CN4540210                                      | V4A; AISI 316 | 88 | 68 | 44,0 | 48,3 x 2,0 | 42,4 x 2,0 |

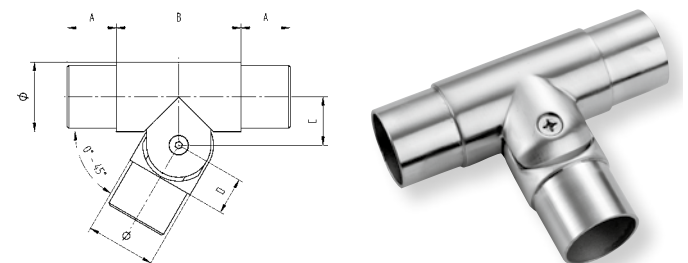
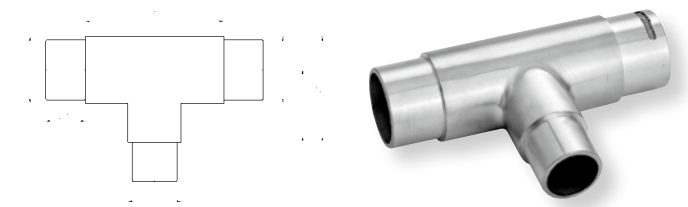
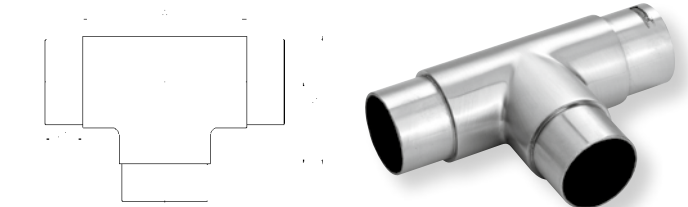
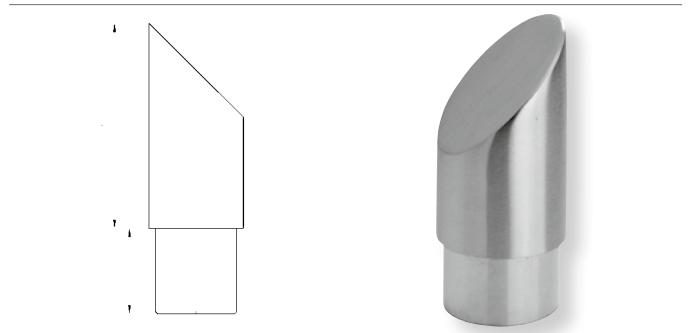
#### T-Stück mit red. Abgang

T-connector / Raccord en T sortie réduite / Raccordo a T con riduzione

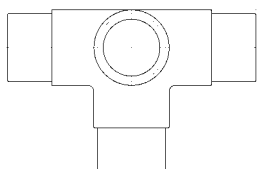
| #                                              | Material      | Ø          | A  | B  | C  | D  |
|------------------------------------------------|---------------|------------|----|----|----|----|
| geschliffen / satin finish / brossé / satinato |               |            |    |    |    |    |
| 085400                                         | V2A; AISI 304 | 33,7 x 2,0 | 24 | 58 | 23 | 19 |
| 085410                                         | V2A; AISI 304 | 42,4 x 2,0 | 30 | 76 | 30 | 23 |

#### T-Stück mit flexiblem Abgang

Adjustable T-connector / Raccord en T avec départ orientable / Raccordo a T con snodo



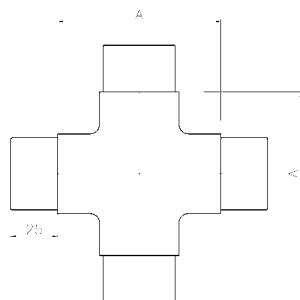
4



| #                                              | Material      | Ø          | A     | B    | C    |
|------------------------------------------------|---------------|------------|-------|------|------|
| geschliffen / satin finish / brossé / satinato |               |            |       |      |      |
| CN4593000                                      | V4A; AISI 316 | 33,7 x 2,0 | 76,5  | 55,5 | 38,5 |
| CN4593010                                      | V4A; AISI 316 | 42,4 x 2,0 | 89,0  | 65,0 | 44,0 |
| CN4593020                                      | V4A; AISI 316 | 48,3 x 2,0 | 90,0  | 69,0 | 45,0 |
| CN4593040                                      | V4A; AISI 316 | 60,3 x 2,0 | 107,0 | 84,0 | 54,0 |

**T-Stück mit Abgang**

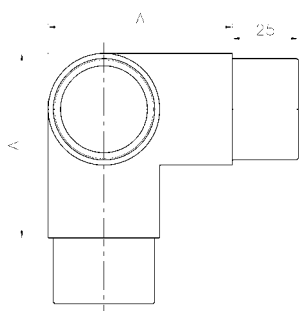
T-connector / Raccord en T 4 départs / Raccordo a doppia T



| #                                              | Material      | Abmessung  | A   |
|------------------------------------------------|---------------|------------|-----|
| geschliffen / satin finish / brossé / satinato |               |            |     |
| CN4550100                                      | V4A; AISI 316 | 33,7 x 2,0 | 76  |
| CN4550110                                      | V4A; AISI 316 | 40,0 x 2,0 | 87  |
| CN4550120                                      | V4A; AISI 316 | 42,4 x 2,0 | 87  |
| CN4550130                                      | V4A; AISI 316 | 48,3 x 2,0 | 90  |
| CN4550140                                      | V4A; AISI 316 | 60,3 x 2,0 | 108 |

**Kreuzstück**

4 way cross connector / raccord en croix / Raccordo a croce



| #                                                                   | Material      | Ø          | A  | B  |
|---------------------------------------------------------------------|---------------|------------|----|----|
| geschliffen / satin finish / brossé / satinato                      |               |            |    |    |
| 020400                                                              | V2A; AISI 304 | 33,7 x 2,0 | 18 | 41 |
| 020500                                                              | V2A; AISI 304 | 42,4 x 2,0 | 20 | 51 |
| 020600                                                              | V2A; AISI 304 | 48,3 x 2,0 | 22 | 62 |
| CN4592110                                                           | V4A; AISI 316 | 33,7 x 2,0 | 25 | 55 |
| CN4592200                                                           | V4A; AISI 316 | 40,0 x 2,0 | 25 | 65 |
| CN4592300                                                           | V4A; AISI 316 | 42,4 x 2,0 | 25 | 65 |
| CN4592400                                                           | V4A; AISI 316 | 48,3 x 2,0 | 25 | 70 |
| CN4592500                                                           | V4A; AISI 316 | 60,3 x 2,0 | 25 | 82 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |            |    |    |
| CN4592115                                                           | V4A; AISI 316 | 33,7 x 2,0 | 25 | 55 |
| CN4592116                                                           | V4A; AISI 316 | 38,1 x 1,5 | 25 | 59 |
| CN4592308                                                           | V4A; AISI 316 | 42,4 x 1,5 | 25 | 65 |
| CN4592305                                                           | V4A; AISI 316 | 42,4 x 2,0 | 25 | 65 |
| CN4592306                                                           | V4A; AISI 316 | 43,0 x 1,5 | 25 | 57 |
| CN4592309                                                           | V4A; AISI 316 | 48,3 x 1,5 | 25 | 70 |
| CN4592310                                                           | V4A; AISI 316 | 48,3 x 2,0 | 25 | 70 |
| CN4592307                                                           | V4A; AISI 316 | 50,8 x 1,5 | 25 | 60 |

**Eckverbinder**

3 way corner connector / Raccord 90° 3 départs / Raccordo d'angolo

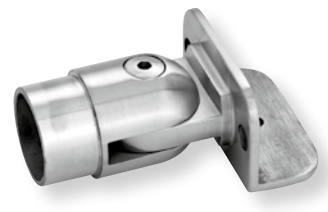
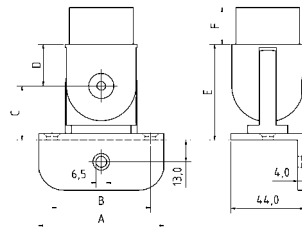
| #                                              | Material      | Abmessung  | A    | B    | C    | D    | E    | F    |
|------------------------------------------------|---------------|------------|------|------|------|------|------|------|
| geschliffen / satin finish / brossé / satinato |               |            |      |      |      |      |      |      |
| CN4595000                                      | V4A; AISI 316 | 33,7 x 2,0 | 66,0 | 50,0 | 32,0 | 20,5 | 52,5 | 22,0 |
| CN4595100                                      | V4A; AISI 316 | 42,4 x 2,0 | 75,0 | 59,0 | 32,5 | 25,0 | 57,5 | 22,0 |
| CN4595200                                      | V4A; AISI 316 | 48,3 x 2,0 | 81,0 | 65,0 | 32,5 | 28,0 | 63,5 | 25,0 |

**Gelenkadapter mit Auflage**

top peke with adjustable joint / support d'angle articulé / Ancoraggio angolare con raccordo snodato

**zum Einbau an Treppenstufen etc**

for stairs etc. / pour montage sur marche d'escalier etc. / per il montaggio su scala ecc.



| #                                                           | Material      | Abmessung  | A     |
|-------------------------------------------------------------|---------------|------------|-------|
| ungeschliffen / no satin finish / non brossé / non satinato |               |            |       |
| CN4600010                                                   | V2A; AISI 304 | 21,3 x 1,6 | 38,0  |
| CN4600020                                                   | V2A; AISI 304 | 21,3 x 2,0 | 38,0  |
| CN4600030                                                   | V2A; AISI 304 | 26,9 x 1,6 | 51,0  |
| CN4600040                                                   | V2A; AISI 304 | 26,9 x 2,0 | 43,0  |
| CN4600050                                                   | V2A; AISI 304 | 33,7 x 2,0 | 55,0  |
| CN4600070                                                   | V2A; AISI 304 | 42,4 x 2,0 | 70,0  |
| CN4600090                                                   | V2A; AISI 304 | 48,3 x 2,0 | 81,5  |
| CN4600100                                                   | V2A; AISI 304 | 48,3 x 2,6 | 81,5  |
| CN4600110                                                   | V2A; AISI 304 | 60,3 x 2,0 | 106,0 |
| CN4600200                                                   | V4A; AISI 316 | 33,7 x 2,0 | 55,0  |
| CN4600210                                                   | V4A; AISI 316 | 33,7 x 2,6 | 55,0  |
| CN4600220                                                   | V4A; AISI 316 | 42,4 x 2,0 | 69,0  |
| CN4600240                                                   | V4A; AISI 316 | 48,3 x 2,0 | 81,5  |
| CN4600260                                                   | V4A; AISI 316 | 60,3 x 2,0 | 106,0 |

**geschliffen / satin finish / brossé / lijado**

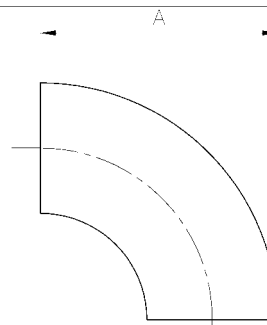
|           |               |               |       |
|-----------|---------------|---------------|-------|
| CN4600310 | V2A; AISI 304 | 21,3 x 2,0 mm | 38,0  |
| CN4600320 | V2A; AISI 304 | 26,9 x 2,0 mm | 43,0  |
| CN4600330 | V2A; AISI 304 | 33,7 x 2,0 mm | 55,0  |
| CN4600340 | V2A; AISI 304 | 42,4 x 2,0 mm | 70,0  |
| CN4600350 | V2A; AISI 304 | 48,3 x 2,0 mm | 81,5  |
| CN4600360 | V2A; AISI 304 | 60,3 x 2,0 mm | 106,0 |

**Schweissfitting**

elbow for welding / Raccord à souder / Curva da saldare

**Rohrbogen 90°, gemäß DIN 2605, gebeizt**

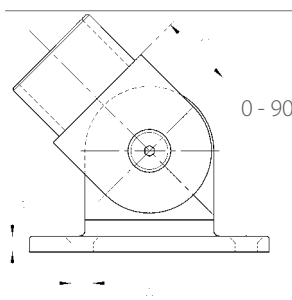
elbow for welding DIN 2605 / coudé à 90, selon DIN 2605, décapé / curva 90°, sec. DIN 2605, decapata



| #                                              | Material      | Abmessung  | A    | B  | C    | D     |
|------------------------------------------------|---------------|------------|------|----|------|-------|
| geschliffen / satin finish / brossé / satinato |               |            |      |    |      |       |
| CN4580500                                      | V4A; AISI 316 | 21,3 x 2,0 | Ø 57 | 25 | 14,0 | Ø 6,5 |
| CN4580510                                      | V4A; AISI 316 | 26,9 x 2,0 | Ø 63 | 27 | 16,0 | Ø 6,5 |
| CN4580520                                      | V4A; AISI 316 | 33,7 x 2,0 | Ø 71 | 30 | 20,5 | Ø 6,5 |
| CN4580530                                      | V4A; AISI 316 | 42,4 x 2,0 | Ø 84 | 36 | 24,5 | Ø 8,5 |
| CN4580540                                      | V4A; AISI 316 | 48,3 x 2,0 | Ø 90 | 38 | 27,5 | Ø 8,5 |

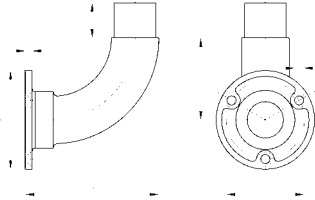
**Gelenkflansch**

adjustable adaptor / platine orientable / ancoraggio snodato





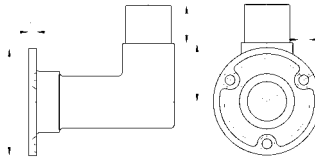
4



| #                                              | Material      | Abmessung  | A     | B   | C  | D    | E     |
|------------------------------------------------|---------------|------------|-------|-----|----|------|-------|
| geschliffen / satin finish / brossé / satinato |               |            |       |     |    |      |       |
| CN4580130                                      | V4A; AISI 316 | 33,7 x 2,0 | Ø 71  | 94  | 38 | Ø 56 | Ø 6,5 |
| CN4580140                                      | V4A; AISI 316 | 42,4 x 2,0 | Ø 85  | 103 | 44 | Ø 68 | Ø 6,5 |
| CN4580150                                      | V4A; AISI 316 | 48,3 x 2,0 | Ø 95  | 109 | 50 | Ø 75 | Ø 8,3 |
| CN4580160                                      | V4A; AISI 316 | 60,3 x 2,0 | Ø 116 | 120 | 60 | Ø 95 | Ø 8,5 |

**Flanschrundbogen**

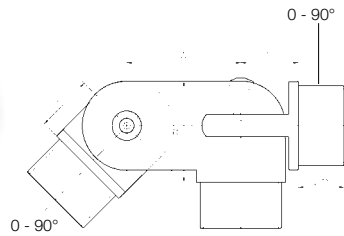
radius elbow with flange / platine à 90°, arrondie / Ancoraggio per tubo con flangia



| #                                              | Material      | Abmessung  | A     | B   | C  | D    | E     |
|------------------------------------------------|---------------|------------|-------|-----|----|------|-------|
| geschliffen / satin finish / brossé / satinato |               |            |       |     |    |      |       |
| CN4590230                                      | V4A; AISI 316 | 33,7 x 2,0 | Ø 71  | 94  | 38 | Ø 56 | Ø 6,5 |
| CN4590240                                      | V4A; AISI 316 | 42,4 x 2,0 | Ø 85  | 103 | 44 | Ø 68 | Ø 6,5 |
| CN4590250                                      | V4A; AISI 316 | 48,3 x 2,0 | Ø 95  | 108 | 42 | Ø 75 | Ø 8,3 |
| CN4590260                                      | V4A; AISI 316 | 60,3 x 2,0 | Ø 116 | 120 | 51 | Ø 95 | Ø 8,5 |

**Flanscheckbogen**

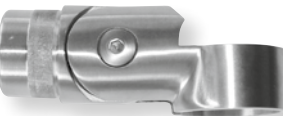
mitre elbow with flange / platine à 90°, angle droit / Ancoraggio per tubo ad angolo con flangia



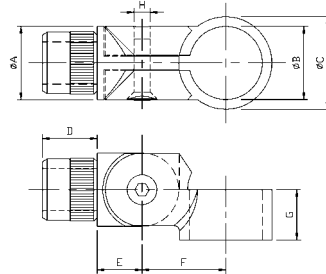
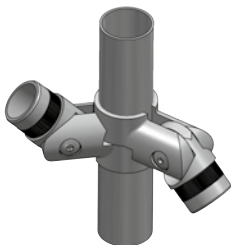
| #                                              | Material      | Abmessung  | A    | B    | C    |
|------------------------------------------------|---------------|------------|------|------|------|
| geschliffen / satin finish / brossé / satinato |               |            |      |      |      |
| CN4585100                                      | V4A; AISI 316 | 33,7 x 2,0 | 45,0 | 41,5 | 24,5 |
| CN4585110                                      | V4A; AISI 316 | 42,4 x 2,0 | 54,0 | 50,0 | 29,0 |
| CN4585120                                      | V4A; AISI 316 | 48,3 x 2,0 | 61,5 | 56,0 | 32,0 |

**Mehrweggelenk**

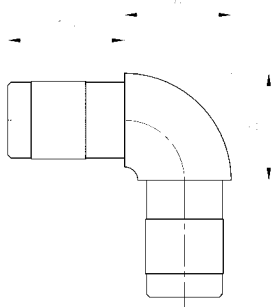
adjustable joint / raccord articulé / giunzione a doppio snodo



| #                                              | Material      | Abmessung        | A    | B    | C    | D  | E    | F    | G    | H  |
|------------------------------------------------|---------------|------------------|------|------|------|----|------|------|------|----|
| geschliffen / satin finish / brossé / satinato |               |                  |      |      |      |    |      |      |      |    |
| CN4850213                                      | V4A; AISI 316 | 21,3 x 1,0 - 2,0 | 21,3 | 21,2 | 27,3 | 20 | 13,7 | 24,3 | 15,7 | M6 |
| CN4850269                                      | V4A; AISI 316 | 26,9 x 1,0 - 2,0 | 26,9 | 26,8 | 33,9 | 20 | 16,5 | 30,7 | 18,5 | M6 |
| CN4850337                                      | V4A; AISI 316 | 3,7 x 1,5 - 2,3  | 33,7 | 33,6 | 40,7 | 20 | 19,9 | 38,2 | 21,9 | M8 |
| CN4850424                                      | V4A; AISI 316 | 42,4 x 1,5 - 2,6 | 42,4 | 42,3 | 49,4 | 25 | 24,2 | 46,9 | 26,2 | M8 |
| CN4850483                                      | V4A; AISI 316 | 48,3 x 1,5 - 2,6 | 48,3 | 48,2 | 55,3 | 25 | 27,2 | 53,5 | 29,2 | M8 |
| CN4850603                                      | V4A; AISI 316 | 60,3 x 2,0 - 3,2 | 60,3 | 60,2 | 68,3 | 25 | 33,2 | 65,3 | 35,2 | M8 |

**Gelenkhalter**

adjustable adaptor / jeu de collier de serrage / Giunzione snodata



| #                                              | Material      | Abmessung | A  |
|------------------------------------------------|---------------|-----------|----|
| geschliffen / satin finish / brossé / satinato |               |           |    |
| CN4600500                                      | V2A; AISI 304 | 12 x 1,0  | 15 |
| CN4600510                                      | V2A; AISI 304 | 16 x 1,0  | 21 |

**Rohrvorbinder**

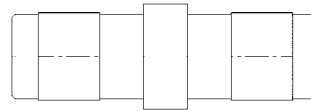
tube connector / raccord 90° pour lisses / giunzione snodata



| #                                              | Material      | Abmessung |
|------------------------------------------------|---------------|-----------|
| geschliffen / satin finish / brossé / satinato |               |           |
| CN4600600                                      | V2A; AISI 304 | 12 x 1,0  |
| CN4600610                                      | V2A; AISI 304 | 16 x 1,0  |

**Rohrverbinder**

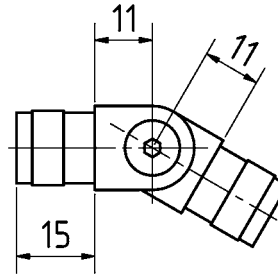
tube connector / raccord droit pour lisses / giunzione snodata



| #                                              | Material      | Abmessung |
|------------------------------------------------|---------------|-----------|
| geschliffen / satin finish / brossé / satinato |               |           |
| CN4600700                                      | V2A; AISI 304 | 12 x 1,0  |
| CN4600710                                      | V2A; AISI 304 | 16 x 1,0  |

**Rohrverbinder**

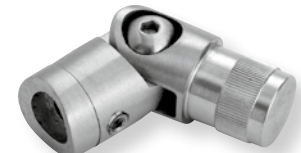
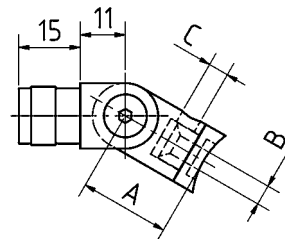
tube connector / raccord orientable pour lisses / giunzione snodata per tubo



| #                                              | Material      | Abmessung  | A  | B | C |
|------------------------------------------------|---------------|------------|----|---|---|
| geschliffen / satin finish / brossé / satinato |               |            |    |   |   |
| CN4600800                                      | V2A; AISI 304 | 12,0 x 1,0 | 24 | 3 | 4 |
| CN4600810                                      | V2A; AISI 304 | 16,0 x 1,0 | 22 | 5 | 5 |

**Rohrverbinder**

tube connector / raccord orientable pour lisses / giunzione snodata per tubo



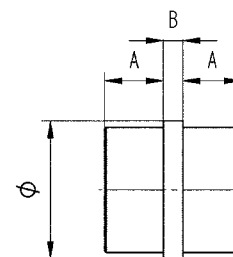
| #                                              | Material      | Ø          | A    | B   |
|------------------------------------------------|---------------|------------|------|-----|
| geschliffen / satin finish / brossé / satinato |               |            |      |     |
| CN4570200                                      | V2A; AISI 304 | 42,4 x 2,0 | 25   | 4   |
| 090400                                         | V2A; AISI 304 | 33,7 x 2,0 | 18   | 5   |
| 090500                                         | V2A; AISI 304 | 42,4 x 2,0 | 25   | 6   |
| 090600                                         | V2A; AISI 304 | 48,3 x 2,0 | 22,5 | 5,5 |
| CN4570100                                      | V4A; AISI 316 | 33,7 x 2,0 | 25   | 3   |
| CN4570150                                      | V4A; AISI 316 | 40,0 x 2,0 | 25   | 4   |
| CN4570210                                      | V4A; AISI 316 | 42,4 x 2,0 | 25   | 4   |
| CN4570220                                      | V4A; AISI 316 | 42,4 x 2,6 | 25   | 4   |
| CN4570300                                      | V4A; AISI 316 | 48,3 x 2,0 | 25   | 4   |
| CN4570310                                      | V4A; AISI 316 | 48,3 x 2,6 | 25   | 4   |
| CN4570400                                      | V4A; AISI 316 | 60,3 x 2,0 | 25   | 6   |

**hochglanzpoliert / mirror polished / poli miroir / lucidato a spec-**

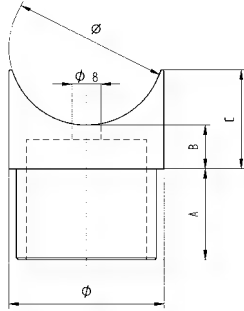
|           |               |            |    |   |
|-----------|---------------|------------|----|---|
| CN4570105 | V4A; AISI 316 | 33,7 x 2,0 | 25 | 3 |
| CN4570106 | V4A; AISI 316 | 38,1 x 1,5 | 25 | 5 |
| CN4570218 | V4A; AISI 316 | 40,0 x 1,5 | 25 | 4 |
| CN4570212 | V4A; AISI 316 | 42,4 x 1,5 | 25 | 4 |
| CN4570215 | V4A; AISI 316 | 42,4 x 2,0 | 25 | 4 |
| CN4570216 | V4A; AISI 316 | 43,0 x 1,5 | 25 | 5 |
| CN4570213 | V4A; AISI 316 | 48,3 x 1,5 | 25 | 5 |
| CN4570214 | V4A; AISI 316 | 48,3 x 2,0 | 25 | 5 |
| CN4570217 | V4A; AISI 316 | 50,8 x 1,5 | 25 | 5 |

**Verbindungsteil**

tube connector / raccord droit / Giunzione



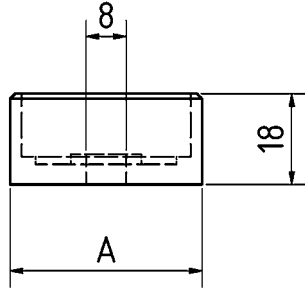
4



| #                                              | Material      | Ø          | A  | B  | C  |
|------------------------------------------------|---------------|------------|----|----|----|
| geschliffen / satin finish / brossé / satinato |               |            |    |    |    |
| CN4570500                                      | V4A; AISI 316 | 33,7 x 2,0 | 25 | 10 | 18 |
| CN4570510                                      | V4A; AISI 316 | 42,4 x 2,0 | 25 | 12 | 24 |
| CN4570520                                      | V4A; AISI 316 | 42,4 x 2,6 | 25 | 12 | 24 |
| CN4570530                                      | V4A; AISI 316 | 48,3 x 2,0 | 30 | 14 | 28 |
| CN4570540                                      | V4A; AISI 316 | 48,3 x 2,6 | 30 | 14 | 28 |
| CN4570550                                      | V4A; AISI 316 | 60,3 x 2,0 | 30 | 16 | 35 |

**Adapter**

Adaptor / Adaptateur / Adattatore



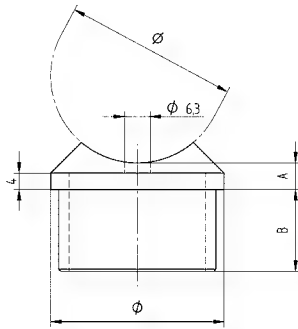
| #                         | Material      | Abmessung  | A    |
|---------------------------|---------------|------------|------|
| roh / raw / brut / grezzo |               |            |      |
| CN4570800                 | V4A; AISI 316 | 33,7 x 2,0 | 29,4 |
| CN4570810                 | V4A; AISI 316 | 42,4 x 2,0 | 38,2 |
| CN4570820                 | V4A; AISI 316 | 48,3 x 2,0 | 44,1 |

**Verbindungsteil**

connector / raccord à manchonner / Raccordo

**Wandanschlussstück für Steckfittinge und Rundrohre**

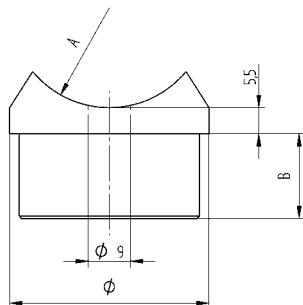
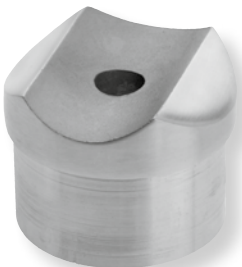
for connection between tube/ fittings and wall / pièce de raccordement mural pour raccords droits et tubes ronds / per ancoraggio a parete tubo eraccordi



| #                                                                   | Material      | Ø          | A   | B  |
|---------------------------------------------------------------------|---------------|------------|-----|----|
| geschliffen / satin finish / brossé / satinato                      |               |            |     |    |
| CN4560340                                                           | V2A; AISI 304 | 42,4 x 2,0 | 6,5 | 20 |
| CN4560320                                                           | V4A; AISI 316 | 33,7 x 2,0 | 6,5 | 20 |
| CN4560330                                                           | V4A; AISI 316 | 40,0 x 2,0 | 6,5 | 20 |
| CN4560350                                                           | V4A; AISI 316 | 42,4 x 2,0 | 6,5 | 20 |
| CN4560360                                                           | V4A; AISI 316 | 42,4 x 2,6 | 6,5 | 20 |
| CN4560370                                                           | V4A; AISI 316 | 48,3 x 2,0 | 8,0 | 22 |
| CN4560380                                                           | V4A; AISI 316 | 48,3 x 2,6 | 8,0 | 22 |
| CN4560390                                                           | V4A; AISI 316 | 60,3 x 2,0 | 9,0 | 25 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |            |     |    |
| CN4560325                                                           | V4A; AISI 316 | 33,7 x 2,0 | 6,5 | 20 |
| CN4560326                                                           | V4A; AISI 316 | 38,1 x 1,5 | 7,0 | 25 |
| CN4560327                                                           | V4A; AISI 316 | 40,0 x 1,5 | 6,5 | 20 |
| CN4560328                                                           | V4A; AISI 316 | 42,4 x 1,5 | 6,5 | 20 |
| CN4560355                                                           | V4A; AISI 316 | 42,4 x 2,0 | 6,5 | 20 |
| CN4560356                                                           | V4A; AISI 316 | 43,0 x 1,5 | 7,0 | 25 |
| CN4560329                                                           | V4A; AISI 316 | 48,3 x 1,5 | 8,0 | 22 |
| CN4560331                                                           | V4A; AISI 316 | 48,3 x 2,0 | 8,0 | 22 |
| CN4560357                                                           | V4A; AISI 316 | 50,8 x 1,5 | 7,0 | 25 |

**Adapter**

Adaptor / Adaptateur / Adattatore



| #                                              | Material      | Ø          | A    | B  |
|------------------------------------------------|---------------|------------|------|----|
| geschliffen / satin finish / brossé / satinato |               |            |      |    |
| 060400                                         | V2A; AISI 304 | 33,7 x 2,0 | 33,7 | 15 |
| 060500                                         | V2A; AISI 304 | 42,4 x 2,0 | 42,4 | 18 |
| 060600                                         | V2A; AISI 304 | 48,3 x 2,0 | 42,4 | 20 |

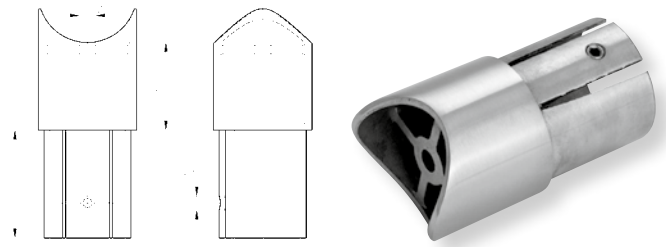
**Adapter**

Adaptor / Adaptateur / Adattatore

| #                                              | Material      | Abmessung  | Rohraufnahme |
|------------------------------------------------|---------------|------------|--------------|
| geschliffen / satin finish / brossé / satinato |               |            |              |
| CN4570600                                      | V4A; AISI 316 | 33,7 x 2,0 | Ø 33,7       |
| CN4570610                                      | V4A; AISI 316 | 42,4 x 2,0 | Ø 42,4       |
| CN4570620                                      | V4A; AISI 316 | 48,3 x 2,0 | Ø 48,3       |

**Adapter**

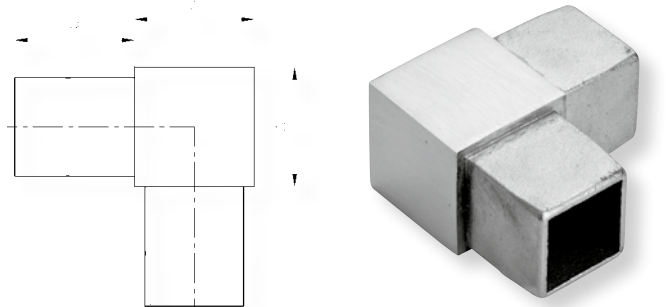
Adaptor / Adaptateur / Adattatore



| #                                              | Material      | Abmessung     | A  | B  |
|------------------------------------------------|---------------|---------------|----|----|
| geschliffen / satin finish / brossé / satinato |               |               |    |    |
| CN4900400                                      | V4A; AISI 316 | 20 x 20 x 1,5 | 20 | 20 |
| CN4900410                                      | V4A; AISI 316 | 25 x 25 x 2,0 | 25 | 20 |
| CN4900420                                      | V4A; AISI 316 | 30 x 30 x 2,0 | 30 | 25 |
| CN4900430                                      | V4A; AISI 316 | 40 x 40 x 2,0 | 40 | 25 |

**Eckbogen 90°**

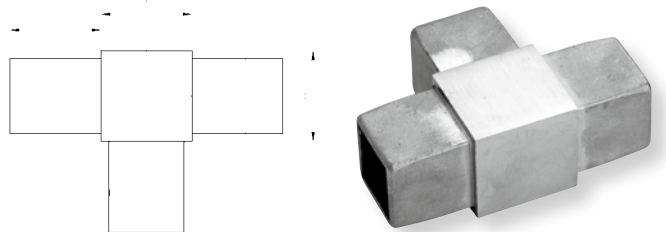
90° mitred elbow / raccord à 90° / Curva ad angolo 90°



| #                                              | Material      | Abmessung     | A  | B  |
|------------------------------------------------|---------------|---------------|----|----|
| geschliffen / satin finish / brossé / satinato |               |               |    |    |
| CN4900600                                      | V4A; AISI 316 | 20 x 20 x 1,5 | 20 | 20 |
| CN4900610                                      | V4A; AISI 316 | 25 x 25 x 2,0 | 25 | 20 |
| CN4900620                                      | V4A; AISI 316 | 30 x 30 x 2,0 | 30 | 25 |
| CN4900630                                      | V4A; AISI 316 | 40 x 40 x 2,0 | 40 | 25 |

**T-Stück**

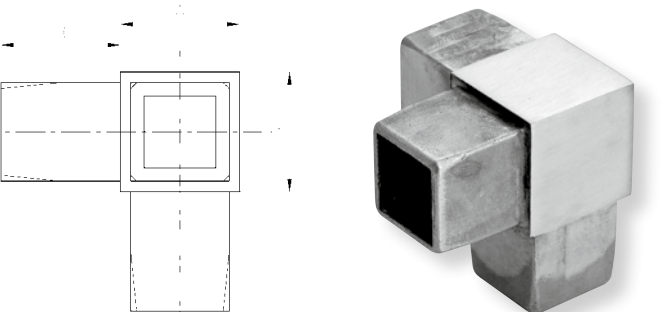
T-Connector / raccord en T, 3 départs / Raccordo a T



| #                                              | Material      | Abmessung     | A  | B  |
|------------------------------------------------|---------------|---------------|----|----|
| geschliffen / satin finish / brossé / satinato |               |               |    |    |
| CN4900500                                      | V4A; AISI 316 | 20 x 20 x 1,5 | 20 | 20 |
| CN4900510                                      | V4A; AISI 316 | 25 x 25 x 2,0 | 25 | 2  |
| CN4900520                                      | V4A; AISI 316 | 30 x 30 x 2,0 | 30 | 25 |
| CN4900530                                      | V4A; AISI 316 | 40 x 40 x 2,0 | 40 | 25 |

**Eckverbinder**

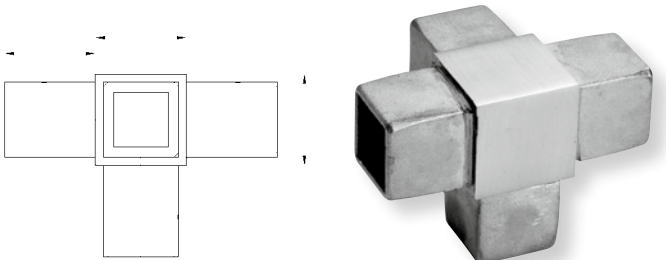
Corner connector / raccord 90° 3 départs / Raccordo d'angolo - 3 vie



| #                                              | Material      | Abmessung     | A  | B  |
|------------------------------------------------|---------------|---------------|----|----|
| geschliffen / satin finish / brossé / satinato |               |               |    |    |
| CN4900700                                      | V4A; AISI 316 | 20 x 20 x 1,5 | 20 | 20 |
| CN4900710                                      | V4A; AISI 316 | 25 x 25 x 2,0 | 25 | 20 |
| CN4900720                                      | V4A; AISI 316 | 30 x 30 x 2,0 | 30 | 25 |
| CN4900730                                      | V4A; AISI 316 | 40 x 40 x 2,0 | 40 | 25 |

**Eckverbinder**

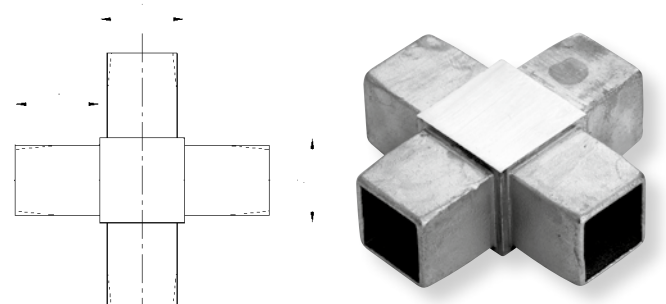
4 way Corner connector / raccord 90° 4 départs / Raccordo d'angolo - 4 vie



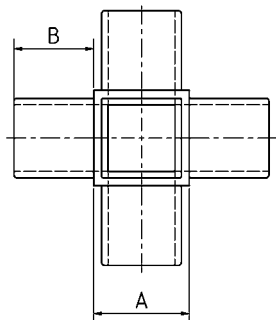
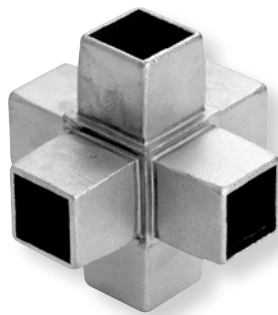
| #                                              | Material      | Abmessung     | A  | B  |
|------------------------------------------------|---------------|---------------|----|----|
| geschliffen / satin finish / brossé / satinato |               |               |    |    |
| CN4900800                                      | V4A; AISI 316 | 20 x 20 x 1,5 | 20 | 20 |
| CN4900810                                      | V4A; AISI 316 | 25 x 25 x 2,0 | 25 | 20 |
| CN4900820                                      | V4A; AISI 316 | 30 x 30 x 2,0 | 30 | 25 |
| CN4900830                                      | V4A; AISI 316 | 40 x 40 x 2,0 | 40 | 25 |

**Eckverbinder**

4 way Corner connector / raccord en croix / Raccordo a croce



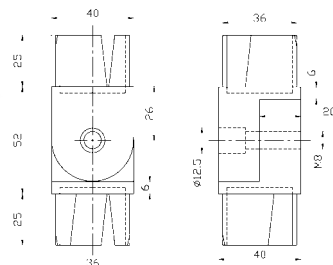
4



| #                                              | Material      | Abmessung     | A  | B  |
|------------------------------------------------|---------------|---------------|----|----|
| geschliffen / satin finish / brossé / satinato |               |               |    |    |
| CN4900900                                      | V4A; AISI 316 | 20 x 20 x 1,5 | 20 | 20 |
| CN4900910                                      | V4A; AISI 316 | 25 x 25 x 2,0 | 25 | 20 |
| CN4900920                                      | V4A; AISI 316 | 30 x 30 x 2,0 | 30 | 25 |
| CN4900930                                      | V4A; AISI 316 | 40 x 40 x 2,0 | 40 | 25 |

**6 Wege Verbinder**

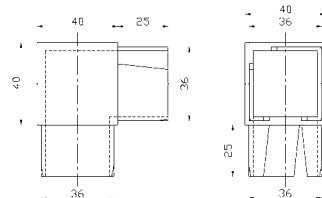
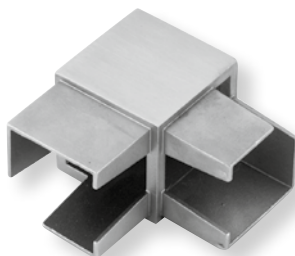
6 way Corner connector / raccord 6 départs / Raccordo d'angolo - 6 vie



| #                                              | Material      | Abmessung     |
|------------------------------------------------|---------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |               |
| CN4901400                                      | V4A; AISI 316 | 40 x 40 x 2,0 |

**Gelenkbogen 0-90°**

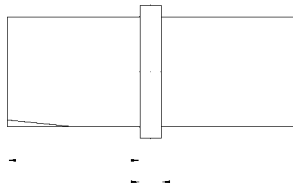
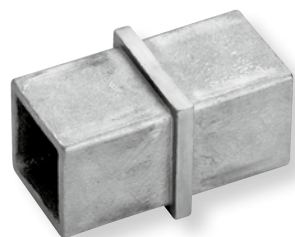
adjustable joint 0-90° / coude articulé 0-90° / Giunzione snodata 0-90°



| #                                              | Material      | Abmessung     |
|------------------------------------------------|---------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |               |
| CN4901300                                      | V2A; AISI 304 | 40 x 40 x 2,0 |

**Eckbogen 90°**

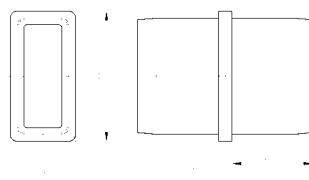
90° mitred elbow / coude 90° / Curva 90°



| #                                              | Material      | Abmessung     | A  |
|------------------------------------------------|---------------|---------------|----|
| geschliffen / satin finish / brossé / satinato |               |               |    |
| CN4901000                                      | V4A; AISI 316 | 20 / 20 / 1,5 | 20 |
| CN4901010                                      | V4A; AISI 316 | 25 / 25 / 2,0 | 25 |
| CN4901020                                      | V4A; AISI 316 | 30 / 30 / 2,0 | 25 |
| CN4901030                                      | V4A; AISI 316 | 40 / 40 / 2,0 | 25 |

**Verbindungsmuffe**

Connector / raccord droit / Giunzione



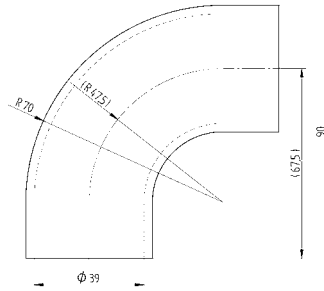
| #                                              | Material      | Abmessung     | A  | B  |
|------------------------------------------------|---------------|---------------|----|----|
| geschliffen / satin finish / brossé / satinato |               |               |    |    |
| CN4901100                                      | V2A; AISI 304 | 40 / 20 / 2,0 | 40 | 20 |
| CN4901110                                      | V2A; AISI 304 | 40 / 30 / 2,0 | 40 | 30 |
| CN4901120                                      | V2A; AISI 304 | 50 / 30 / 2,0 | 50 | 30 |
| CN4901130                                      | V2A; AISI 304 | 60 / 40 / 2,0 | 60 | 40 |
| CN4901105                                      | V4A; AISI 316 | 40 / 20 / 2,0 | 40 | 20 |
| CN4901115                                      | V4A; AISI 316 | 40 / 30 / 2,0 | 40 | 30 |
| CN4901125                                      | V4A; AISI 316 | 50 / 30 / 2,0 | 50 | 30 |
| CN4901135                                      | V4A; AISI 316 | 60 / 40 / 2,0 | 60 | 40 |

**Verbindungsmuffe**

Connector / manchon de liaison / Giunzione

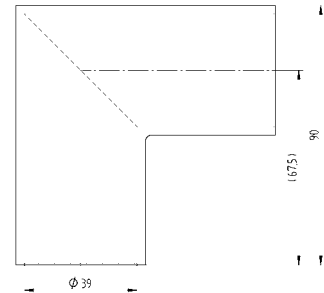
| #                                                             | Material      |
|---------------------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato                |               |
| CN5500400                                                     | V4A; AISI 316 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a |               |
| CN5500405                                                     | V4A; AISI 316 |

**Rundbogen 90°**  
90° radius elbow / Coude 90° arrondi / Curva 90°  
**für Holzhandlauf Ø 45 mm**  
for wooden handrail Ø 45 mm / pour main-courante en bois Ø 45 mm / per corrimano in legno Ø 45mm



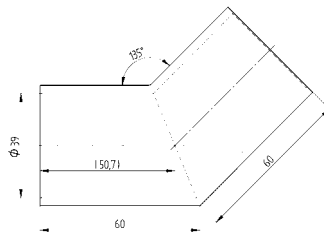
| #                                                             | Material      |
|---------------------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato                |               |
| CN5500410                                                     | V4A; AISI 316 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a |               |
| CN5500415                                                     | V4A; AISI 316 |

**Eckbogen 90°**  
90° mitred elbow / Coude équerre à 90° / Curva ad angolo 90°  
**für Holzhandlauf Ø 45 mm**  
for wooden handrail Ø 45 mm / pour main-courante en bois Ø 45 mm / per corrimano in legno Ø 45mm



| #                                                             | Material      |
|---------------------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato                |               |
| CN5500420                                                     | V4A; AISI 316 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a |               |
| CN5500425                                                     | V4A; AISI 316 |

**Eckverbinder 45°**  
Corner connection 45° / Raccord à 45° / per corrimano in legno 45°  
**für Holzhandlauf Ø 45 mm**  
for wooden handrail Ø 45 mm / pour main-courante en bois Ø 45 mm / per corrimano in legno Ø 45mm

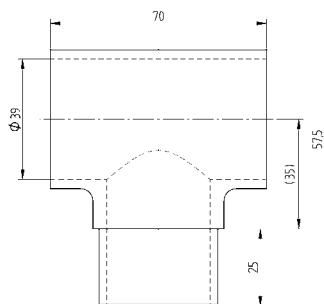


| #                                              | Material      | Abgang für RR |
|------------------------------------------------|---------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |               |
| CN5500430                                      | V4A; AISI 316 | 42,4 x 2,0    |
| CN5500440                                      | V4A; AISI 316 | 48,3 x 2,0    |

#### T-Stück

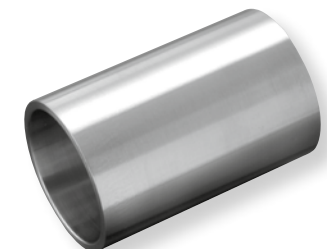
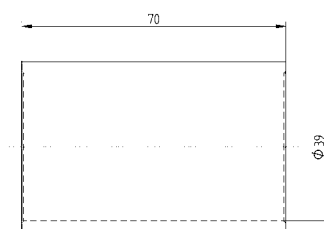
T-connector / Raccord en T / Raccordo a T

**für Holzhandlauf Ø 45 mm, mit senkrechtem Abgang auf Rundrohr**  
for wooden handrail Ø 45 mm, reduced opening for round tube / pour main-courante en bois Ø 45 mm, à sortie verticale sur tube rond / per corrimano in legno Ø 45mm e montante inox



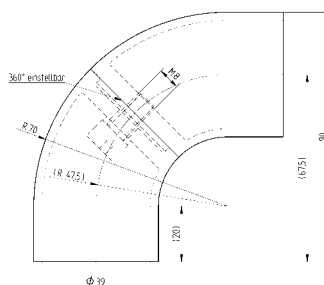
| #                                                             | Material      |
|---------------------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato                |               |
| CN5500450                                                     | V4A; AISI 316 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a |               |
| CN5500455                                                     | V4A; AISI 316 |

**Verbindungsstück**  
Connector / Raccord droit / Giunzione  
**für Holzhandlauf Ø 45 mm**  
for wooden handrail Ø 45 mm / pour main-courante en bois Ø 45mm / per corrimano in legno Ø 45mm

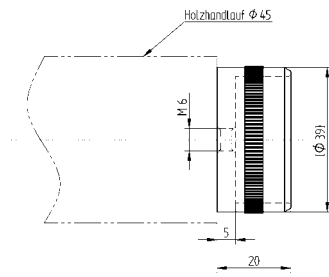
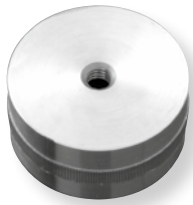


| #                                                             | Material      |
|---------------------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato                |               |
| CN5500460                                                     | V4A; AISI 316 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a |               |
| CN5500465                                                     | V4A; AISI 316 |

**Flexibler Bogen**  
Flexible arch / Raccord droit / Curva regolabile  
**für Holzhandlauf Ø 45 mm**  
for wooden handrail Ø 45 mm / coude flexible orientable / per corrimano in legno Ø 45mm





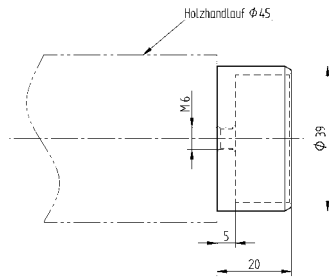
**Verbindungsteil mit Rändel**

Connector / Adaptateur à manchonner / Giunzione

zum Verbinden von Holzhandlauf Ø45 mm und Crosinox-Edelstahlfittings 45x3 mm, mit Rändel

connection between wooden handrail 45 mm and crosinox stainless steel fitting 45 x 3 mm / à rajouter sur la main-courante en bois Ø45 mm, pour l'adaptation des pièces de jonction Crosinox en inox 45x3 mm / per la giunzione di corrimano in legno e raccordi Crosinox 45 x 3 mm, con zigrinatura

| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN5500260                                      | V4A; AISI 316 |

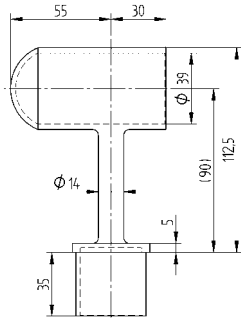
**Verbindungsteil zum Kleben**

Connector / Adaptateur coller / Giunzione

zum Verbinden von Holzhandlauf Ø45 mm und Crosinox-Edelstahlfittings 45x3 mm, Klebeversion

connection between wooden handrail 45 mm and crosinox stainless steel fitting 45 x 3 mm bonding version, satin finish / à rajouter sur la main-courante en bois Ø45 mm, pour l'adaptation des pièces de jonction Crosinox en inox 45x3 mm / per la giunzione di corrimano in legno e raccordi Crosinox 45 x 3 mm, da incollare

| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN5500250                                      | V4A; AISI 316 |

**# Material****Abmessung; mit Anschluss auf RR**

geschliffen / satin finish / brossé / satinato

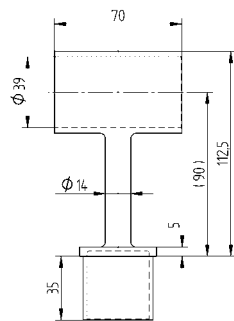
|           |               |            |
|-----------|---------------|------------|
| CN5500470 | V4A; AISI 316 | 42,4 x 2,0 |
| CN5500480 | V4A; AISI 316 | 48,3 x 2,0 |
| CN5500490 | V4A; AISI 316 | 60,3 x 2,0 |

**Endträger**

Handrail support / Support main-courante / Supporto terminale

für Holzhandlauf Ø45 mm, geschlossen

for wooden handrail 45 mm / our main-courante en bois Ø45 mm, fermé d'un côté / per corrimano in legno Ø45 mm

**# Material****Abmessung; mit Anschluss auf RR**

geschliffen / satin finish / brossé / satinato

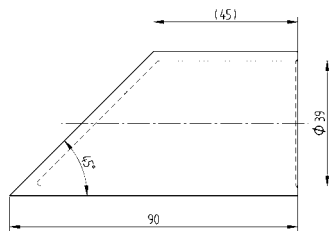
|           |               |            |
|-----------|---------------|------------|
| CN5500500 | V4A; AISI 316 | 42,4 x 2,0 |
| CN5500510 | V4A; AISI 316 | 48,3 x 2,0 |
| CN5500520 | V4A; AISI 316 | 60,3 x 2,0 |

**T-Stück**

T-connector / Support main-courante en T / Supporto a T

für Holzhandlauf Ø45 mm

for wooden handrail 45 mm / pour main-courante en bois Ø45 mm / per corrimano in legno Ø45 mm

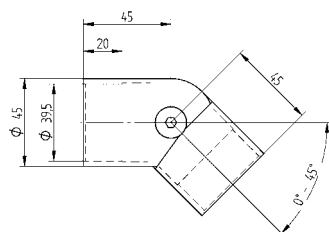
**Endstück**

End piece / Embout à pan coupé / Terminale

für Holzhandlauf Ø45 mm, abgeschrägt

for wooden handrail Ø45 mm, chamfered / pour main-courante en bois Ø45 mm / per corrimano in legno Ø45 mm, inclinato

| #                                                                      | Material      |
|------------------------------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato                         |               |
| CN5500540                                                              | V4A; AISI 316 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a specchio |               |
| CN5500545                                                              | V4A; AISI 316 |

**Universalgelenk**

Universal joint / Articulation universelle / giunzione snodata

für Holzhandlauf Ø45 mm, 0 - 45°

for wooden handrail Ø45 mm, 0-45° / pour main-courante en bois Ø45 mm, 0-45° / per corrimano in legno Ø45 mm, 0-45°

| #                                                                      | Material      |
|------------------------------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato                         |               |
| CN5500650                                                              | V4A; AISI 316 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a specchio |               |
| CN5500655                                                              | V4A; AISI 316 |



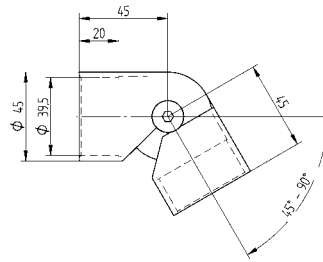
| #                                                                   | Material      | Abmessung; mit Anschluss auf RR |
|---------------------------------------------------------------------|---------------|---------------------------------|
| geschliffen / satin finish / brossé / satinato                      |               |                                 |
| CN5500660                                                           | V4A; AISI 316 | 42,4 x 2,0                      |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |                                 |
| CN5500665                                                           | V4A; AISI 316 | 60,3 x 2,0                      |

**Universalgelenk**

Universal joint / Articulation universelle / giunzione snodata

**für Holzhandlauf Ø 45 mm, 45 - 90°**

for wooden handrail Ø 45 mm, 45 - 90° / pour main-courante en bois Ø 45 mm, 45 - 90° / per corrimano in legno Ø 45 mm, 45 - 90°



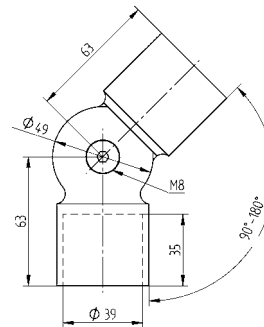
| #                                                             | Material      |
|---------------------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato                |               |
| CN5500530                                                     | V4A; AISI 316 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a |               |
| CN5500535                                                     | V4A; AISI 316 |

**Flexibler Kugelverbinder**

flexible ball connection / Connecteur sphérique souple / Giunzione snodata sferica

**für Holzhandlauf Ø 45 mm**

for wooden handrail Ø 45 mm / main-courante en bois Ø 45 mm / per corrimano in legno Ø 45 mm



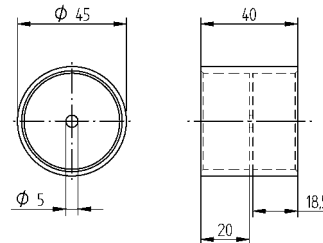
| #                                                             | Material      |
|---------------------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato                |               |
| CN5500620                                                     | V4A; AISI 316 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a |               |
| CN5500625                                                     | V4A; AISI 316 |

**Universaladapterbuchse**

Universal adapter nut / raccord adaptateur universel / Connettore universale

**für Holzhandlauf Ø 45 mm**

for wooden handrail Ø 45 mm / pour main-courante en bois Ø 45 mm / per corrimano in legno Ø 45 mm



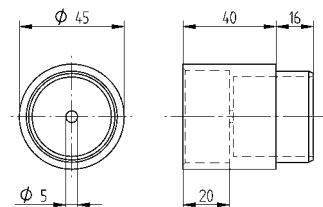
| #                                                             | Material      |
|---------------------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato                |               |
| CN5500610                                                     | V4A; AISI 316 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a |               |
| CN5500615                                                     | V4A; AISI 316 |

**Universaladapterstecker**

Universal adapter connector / raccord adaptateur universel / Spina ad-attatrice universale

**für Holzhandlauf Ø 45 mm**

for wooden handrail Ø 45 mm / pour main-courante en bois Ø 45 mm / per corrimano in legno Ø 45 mm

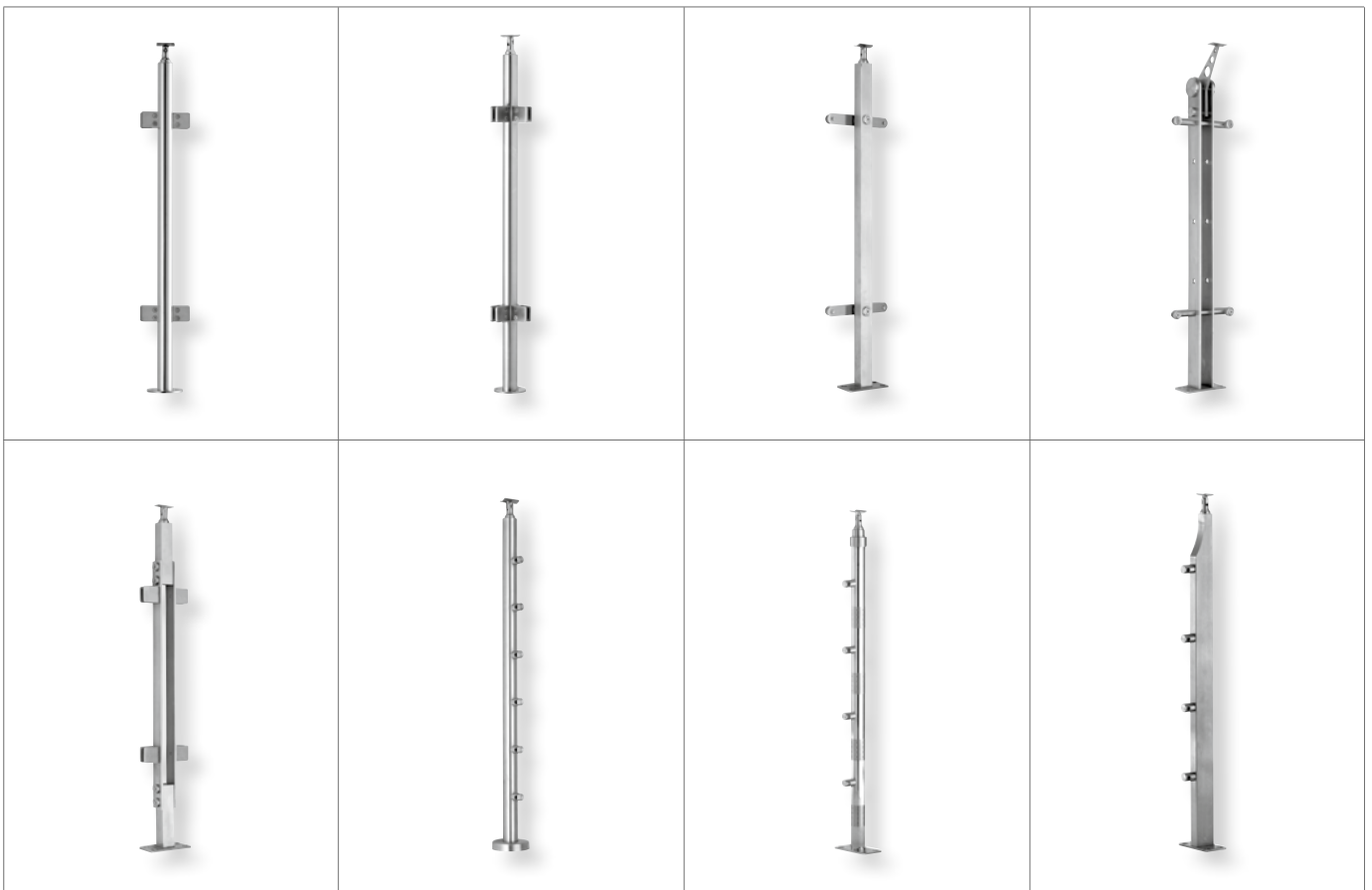




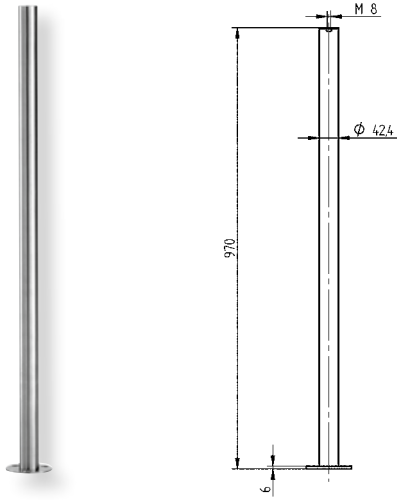


## Geländerpfosten

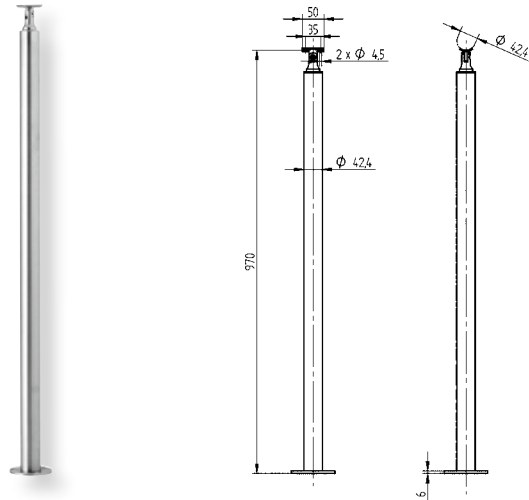
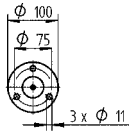
Balustrade / Poteaux de Garde-Corps / Ringhiere



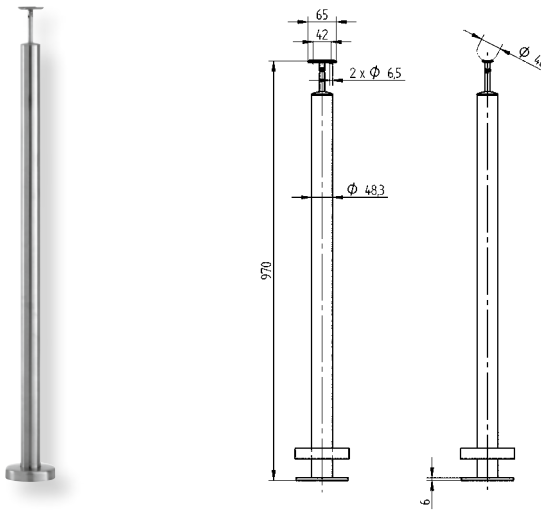
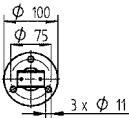
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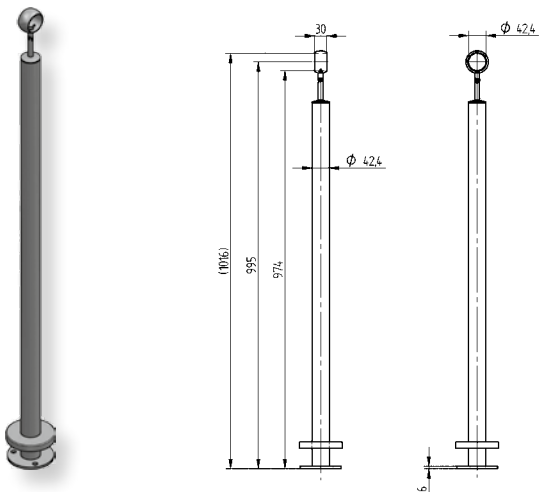
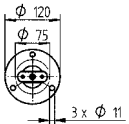
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950190                                         | V2A; AISI 304 |
| Geländerpfosten für aufgesetzte Montage        |               |
| Baluster / Poteaux sur platine /Montanti       |               |



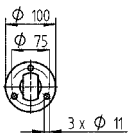
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950230                                         | V2A; AISI 304 |
| Geländerpfosten für aufgesetzte Montage        |               |
| Baluster / Poteaux sur platine /Montanti       |               |



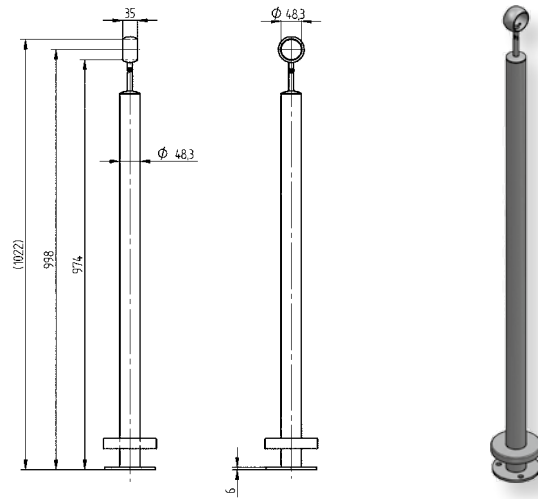
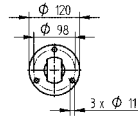
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950710                                         | V2A; AISI 304 |
| Geländerpfosten für aufgesetzte Montage        |               |
| Baluster / Poteaux sur platine /Montanti       |               |



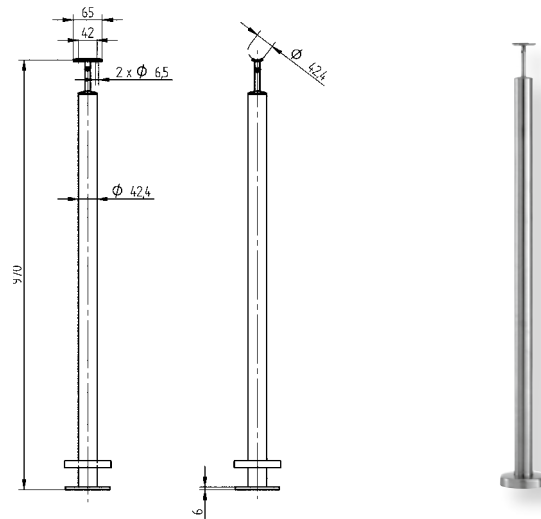
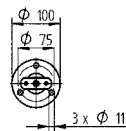
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950800                                         | V2A; AISI 304 |
| Geländerpfosten für aufgesetzte Montage        |               |
| Baluster / Poteaux sur platine /Montanti       |               |



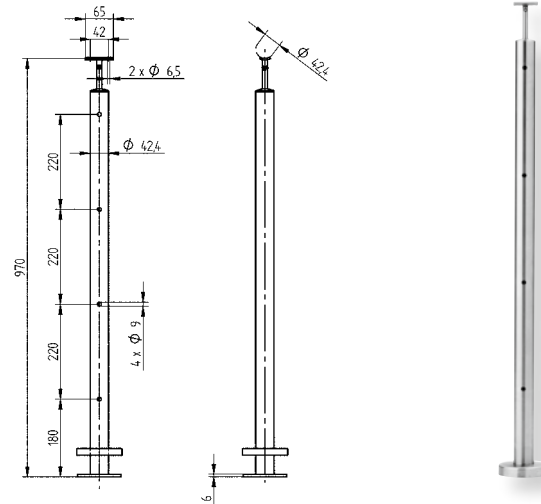
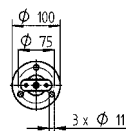
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950810                                         | V2A; AISI 304 |
| Geländerpfosten für aufgesetzte Montage        |               |
| Baluster / Poteaux sur platine / Montanti      |               |



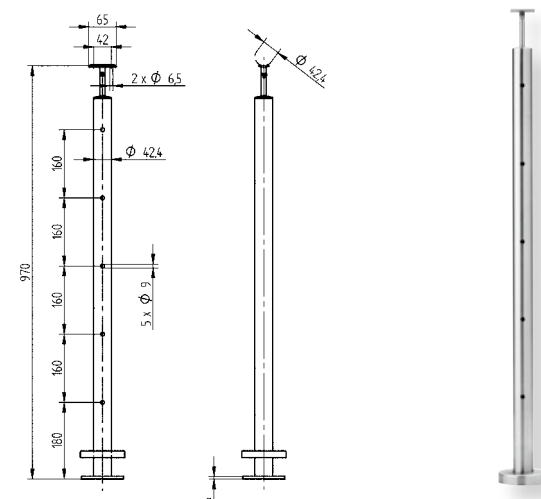
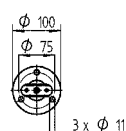
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950700                                         | V2A; AISI 304 |
| Geländerpfosten für aufgesetzte Montage        |               |
| Baluster / Poteaux sur platine / Montanti      |               |



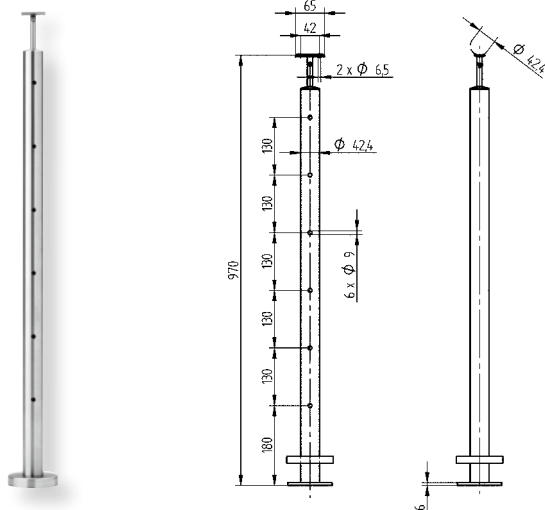
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950730                                         | V2A; AISI 304 |
| Geländerpfosten für aufgesetzte Montage        |               |
| Baluster / Poteaux sur platine / Montanti      |               |



| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950720                                         | V2A; AISI 304 |
| Geländerpfosten für aufgesetzte Montage        |               |
| Baluster / Poteaux sur platine / Montanti      |               |

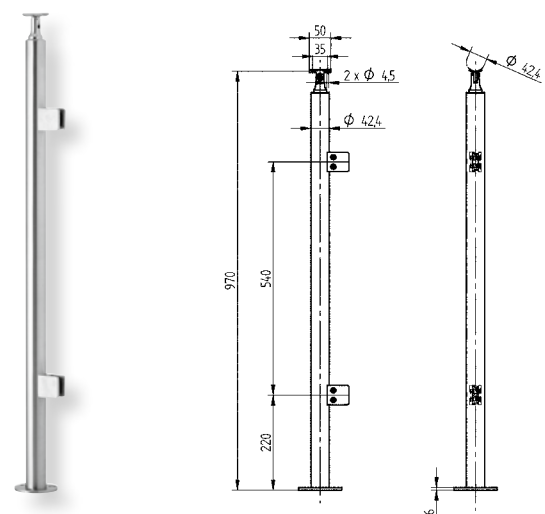
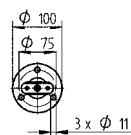


5



| #      | Material                                                        |
|--------|-----------------------------------------------------------------|
| 950740 | geschliffen / satin finish / brossé / satinato<br>V2A; AISI 304 |

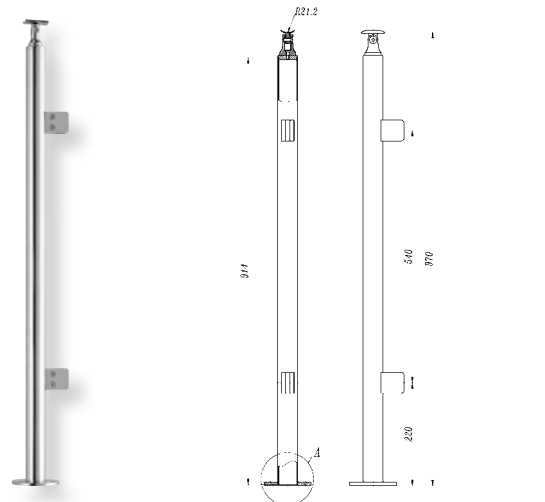
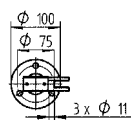
**Geländerpfosten für aufgesetzte Montage**  
Baluster / Poteaux sur platine / Montanti



| #      | Material                                                        |
|--------|-----------------------------------------------------------------|
| 950220 | geschliffen / satin finish / brossé / satinato<br>V2A; AISI 304 |

**Geländerpfosten für aufgesetzte Montage**  
Baluster / Poteaux sur platine / Montanti

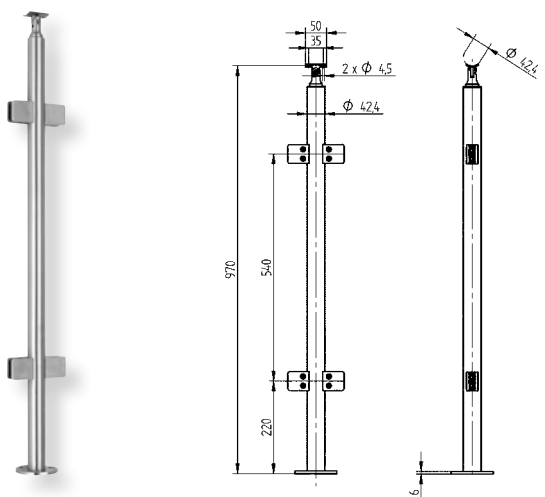
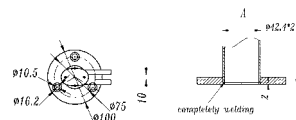
**für 6, 8 und 10 mm Plattenstärke**  
for 6, 8 and 10 mm top thickness / pour épaisseur de 6, 8 et de 10 mm / per pannelli da 6, 8 e 10 mm



| #      | Material                                                                             |
|--------|--------------------------------------------------------------------------------------|
| 960010 | hochglanzpoliert / mirror polished / poli miroir / lucidato a spec-<br>V2A; AISI 304 |

**Geländerpfosten für aufgesetzte Montage**  
Baluster / Poteaux sur platine / Montanti

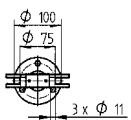
**für 8 und 10 mm Plattenstärke**  
for 8 and 10 mm top thickness, / pour épaisseur de panneau de 8 et de 10 mm /



| #      | Material                                                        |
|--------|-----------------------------------------------------------------|
| 950200 | geschliffen / satin finish / brossé / satinato<br>V2A; AISI 304 |

**Geländerpfosten für aufgesetzte Montage**  
Baluster / Poteaux sur platine / Montanti

**für 6, 8 und 10 mm Plattenstärke**  
for 6, 8 and 10 mm top thickness / de panneau de 6, 8 et de 10 mm / per pannelli da 6, 8 e 10 mm





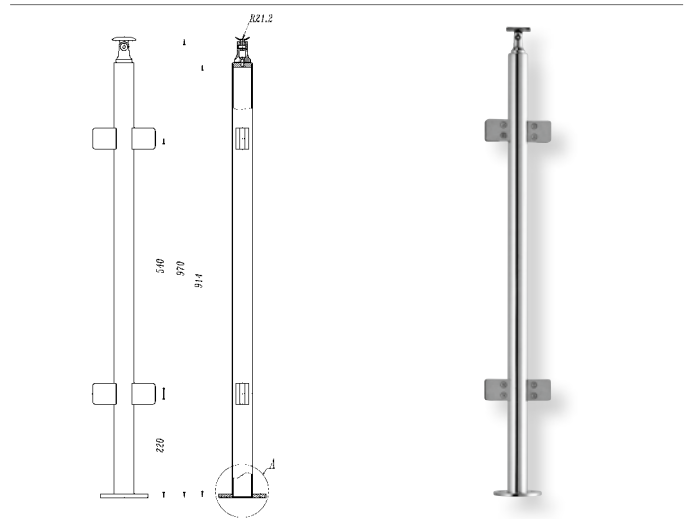
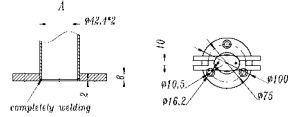
| #                                                                   | Material      |
|---------------------------------------------------------------------|---------------|
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |
| 960020                                                              | V2A; AISI 304 |

**Geländerpfosten für aufgesetzte Montage**

Baluster / Poteaux sur platine /Montanti

**für 8 und 10 mm Plattenstärke**

for 8 and 10 mm top thickness / pour épaisseur de panneau de 8 et de 10 mm, v. indications du croquis / per pannelli da 8 e 10 mm di spessore



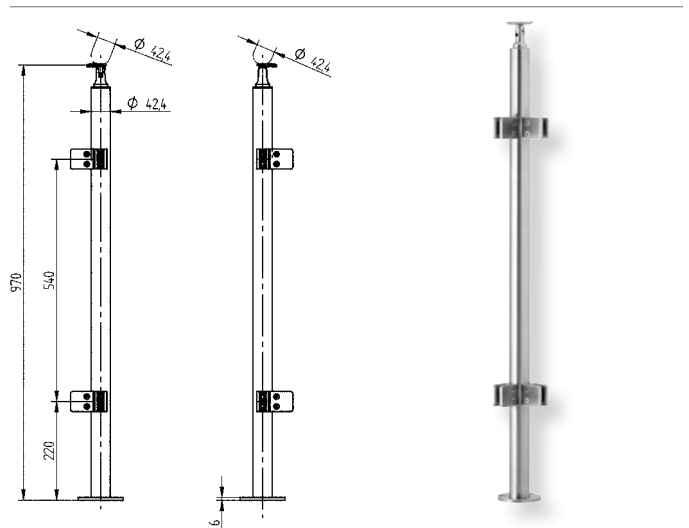
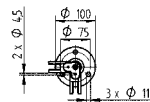
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950210                                         | V2A; AISI 304 |

**Geländerpfosten für aufgesetzte Montage**

Baluster / Poteaux sur platine /Montanti

**für 6, 8 und 10 mm Plattenstärke**

for 6, 8 and 10 mm top thickness / pour épaisseur de panneau de 6, 8 et de 10 mm / per pannelli da 6, 8 e 10 mm



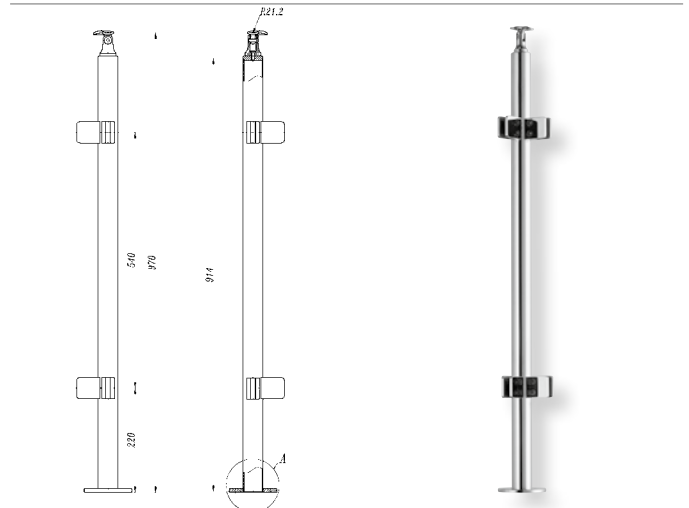
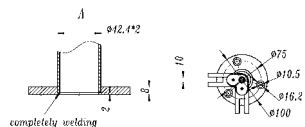
| #                                                                   | Material      |
|---------------------------------------------------------------------|---------------|
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |
| 960030                                                              | V2A; AISI 304 |

**Geländerpfosten für aufgesetzte Montage**

Baluster / Poteaux sur platine /Montanti

**für 8 und 10 mm Plattenstärke**

for 8 and 10 mm top thickness / pour épaisseur de panneau de 8 et de 10 mm / per pannelli da 8 e 10 mm di spessore



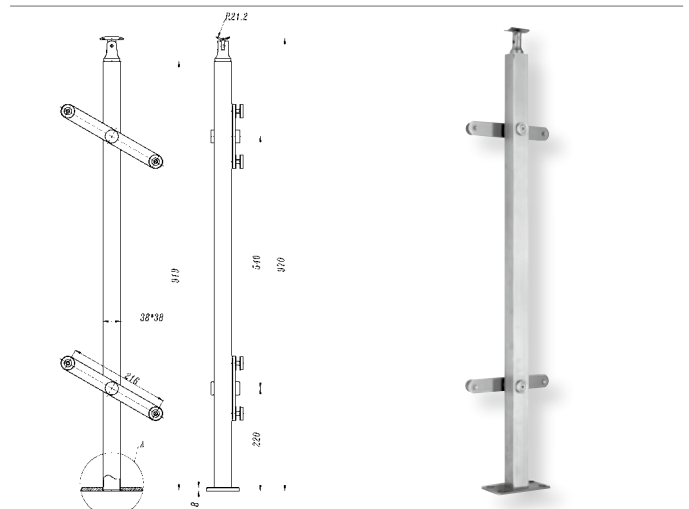
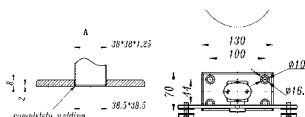
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950150                                         | V2A; AISI 304 |

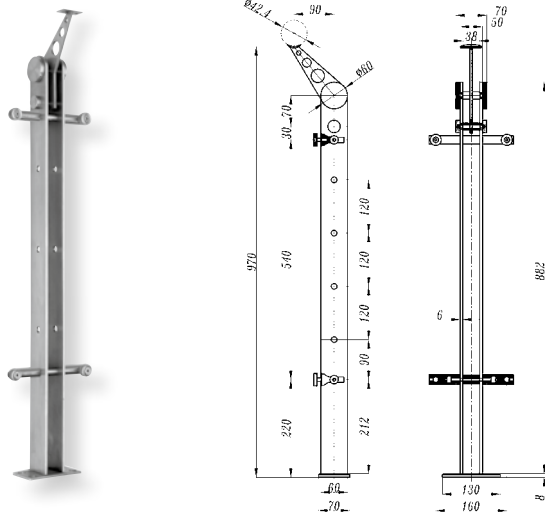
**Geländerpfosten für aufgesetzte Montage**

Baluster / Poteaux sur platine /Montanti

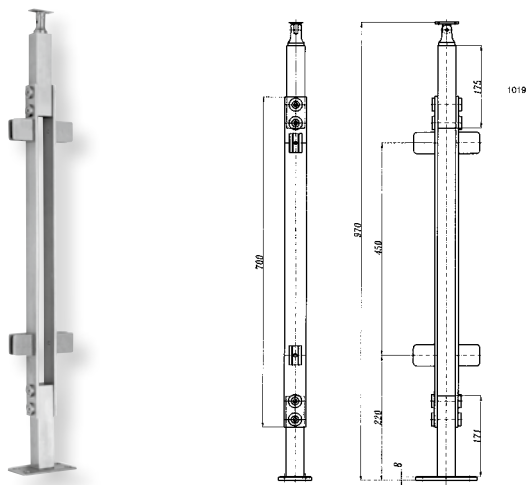
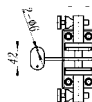
**für 6, 8 und 10 mm Plattenstärke**

for 6, 8 and 10 mm top thickness / pour épaisseur de panneau de 6, 8 et de 10 mm / per pannelli da 6, 8 e 10 mm di spessore

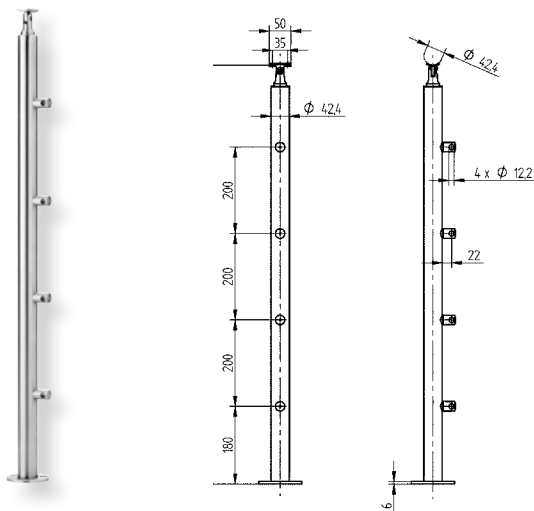
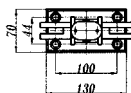




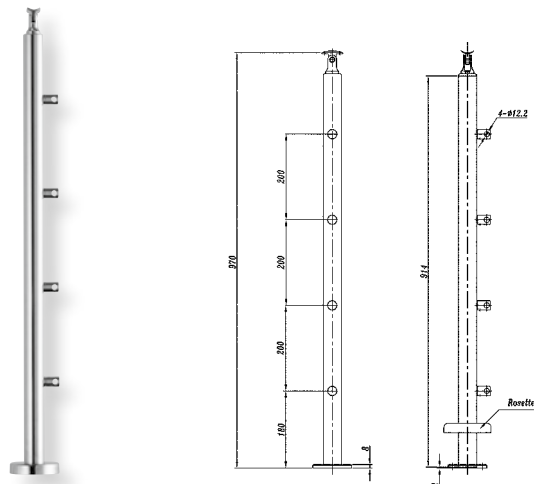
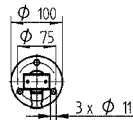
| #                                                                                   | Material                                                        |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| 950050                                                                              | geschliffen / satin finish / brossé / satinato<br>V2A; AISI 304 |
| Geländerpfosten für aufgesetzte Montage<br>Baluster / Poteaux sur platine /Montanti |                                                                 |



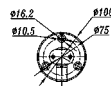
| #                                                                                                                     | Material                                                        |
|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| 950100                                                                                                                | geschliffen / satin finish / brossé / satinato<br>V2A; AISI 304 |
| Geländerpfosten für aufgesetzte Montage<br>Baluster / Poteaux sur platine /Montanti                                   |                                                                 |
| für 8 und 10mm Plattenstärke<br>for 8 and 10 mm / de panneau de 8 et de 10 mm / per pannelli da 8 e 10 mm di spessore |                                                                 |



| #                                                                                   | Material                                                        |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| 950260                                                                              | geschliffen / satin finish / brossé / satinato<br>V2A; AISI 304 |
| Geländerpfosten für aufgesetzte Montage<br>Baluster / Poteaux sur platine /Montanti |                                                                 |

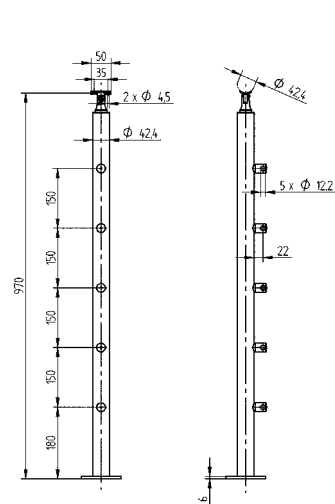
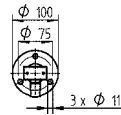


| #                                                                                   | Material                                                                             |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 960100                                                                              | hochglanzpoliert / mirror polished / poli miroir / lucidato a spec-<br>V2A; AISI 304 |
| Geländerpfosten für aufgesetzte Montage<br>Baluster / Poteaux sur platine /Montanti |                                                                                      |



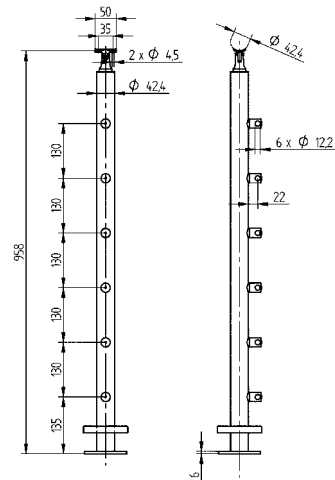
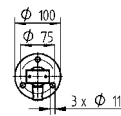
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950250                                         | V2A; AISI 304 |

Geländerpfosten für aufgesetzte Montage  
Baluster / Poteaux sur platine /Montanti



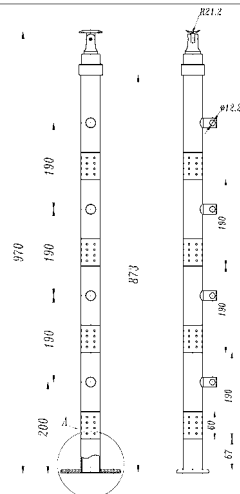
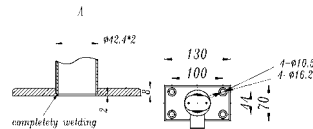
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950300                                         | V2A; AISI 304 |

Geländerpfosten für aufgesetzte Montage  
Baluster / Poteaux sur platine /Montanti



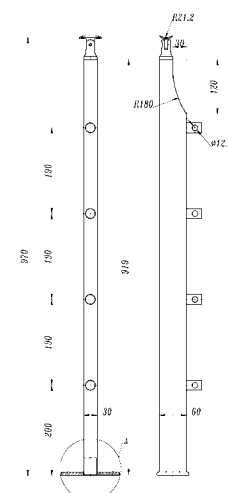
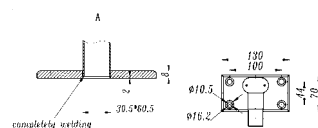
| #                                                                                                                              | Material      |
|--------------------------------------------------------------------------------------------------------------------------------|---------------|
| geschliffen und hochglanzpoliert / satin finish and mirror polished /<br>rossé et poli miroir / satinato e lucidato a specchio |               |
| 950310                                                                                                                         | V2A; AISI 304 |

Geländerpfosten für aufgesetzte Montage  
Baluster / Poteaux sur platine /Montanti

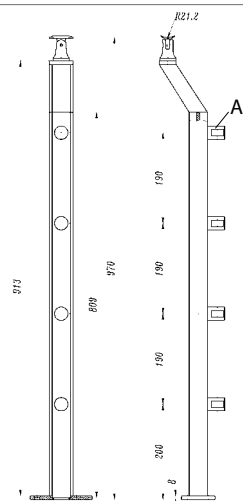


| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950180                                         | V2A; AISI 304 |

Geländerpfosten für aufgesetzte Montage  
Baluster / Poteaux sur platine /Montanti

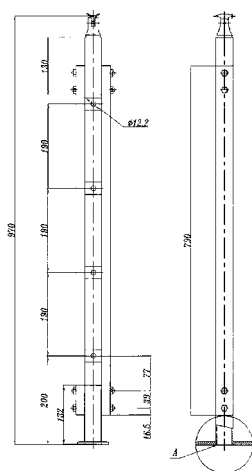
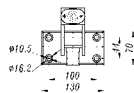


5



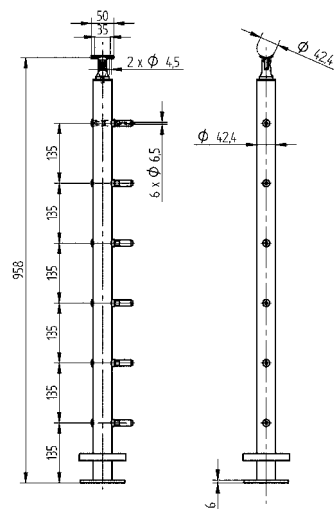
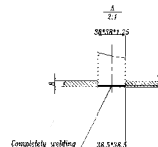
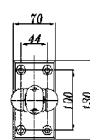
| #                                              | Material      | A       |
|------------------------------------------------|---------------|---------|
| geschliffen / satin finish / brossé / satinato |               |         |
| 950350                                         | V2A; AISI 304 | 20 x 10 |
| 950355                                         | V2A; AISI 304 | Ø 12    |

**Geländerpfosten für aufgesetzte Montage**  
Baluster / Poteaux sur platine /Montanti



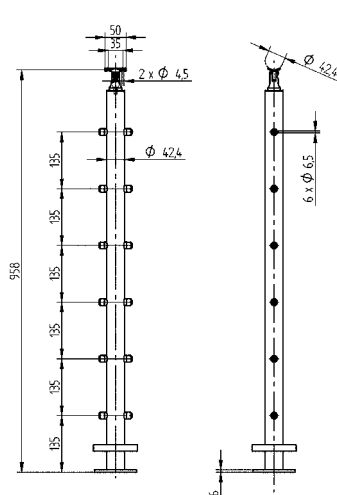
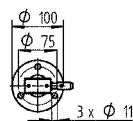
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950330                                         | V2A; AISI 304 |

**Geländerpfosten für aufgesetzte Montage**  
Baluster / Poteaux sur platine /Montanti



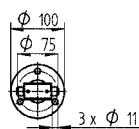
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950870                                         | V2A; AISI 304 |

**Geländerpfosten für aufgesetzte Montage**  
Baluster / Poteaux sur platine /Montanti



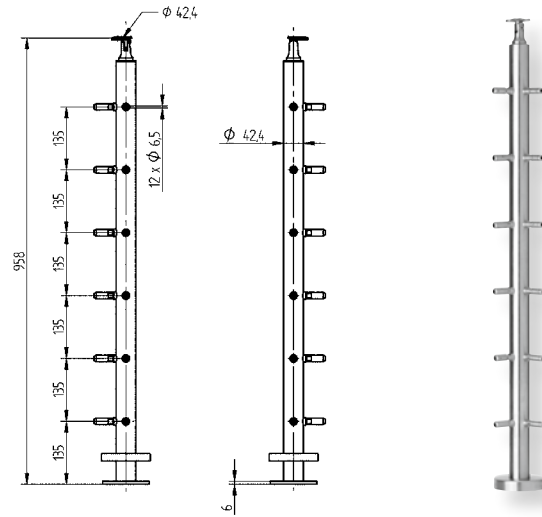
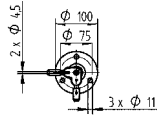
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950850                                         | V2A; AISI 304 |

**Geländerpfosten für aufgesetzte Montage**  
Baluster / Poteaux sur platine /Montanti



| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950860                                         | V2A; AISI 304 |

**Geländerpfosten für aufgesetzte Montage**  
Baluster / Poteaux sur platine / Montanti



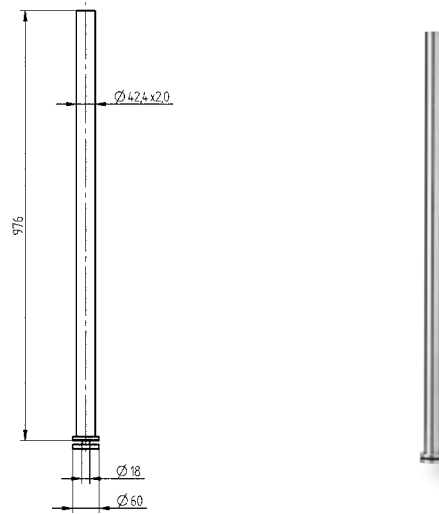
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950400                                         | V2A; AISI 304 |

## Geländerstäbe

Baluster / Poteaux sur platine /Montanti

**für Stufenmontage**

for stairs / pour montage rampant, sur marches / per montaggio su scale



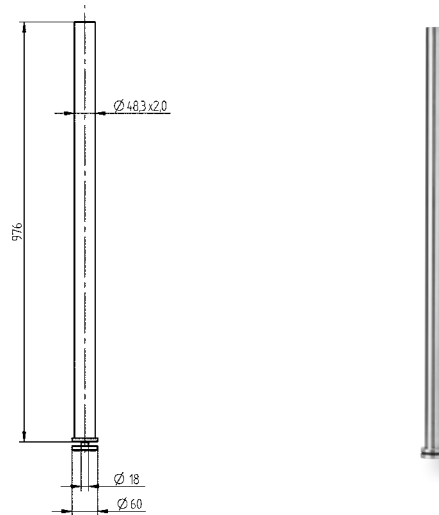
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950450                                         | V2A; AISI 304 |

## Geländerpfosten für Treppenmontage

Baluster / Poteaux sur platine / Montanti

**für Stufenmontage**

for stairs / pour montage rampant, sur marches / per montaggio su scale



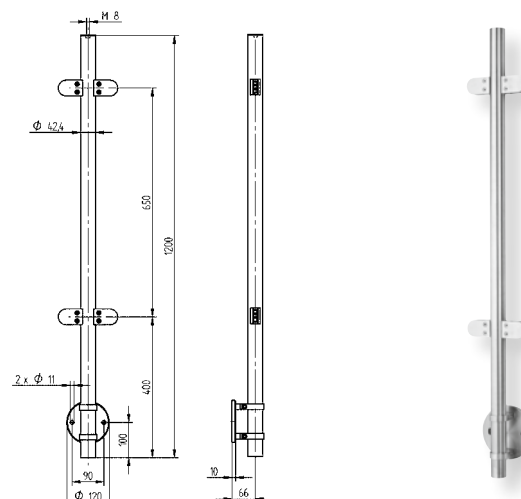
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950240                                         | V2A; AISI 304 |

### Geländerpfosten für vorgesetzte Montage

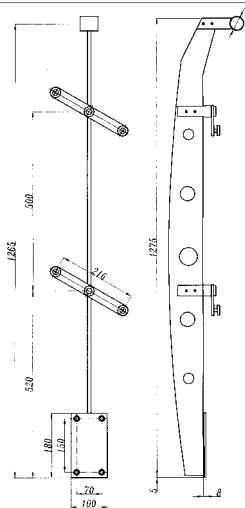
Baluster / Poteaux à fixation latérale / Montanti

**für 8 und 10 mm Plattenstärke**

for 8 and 10 mm top thickness / pour épaisseur de 6, 8 et de 10 mm / per pannelli da 8 e 10 mm



5



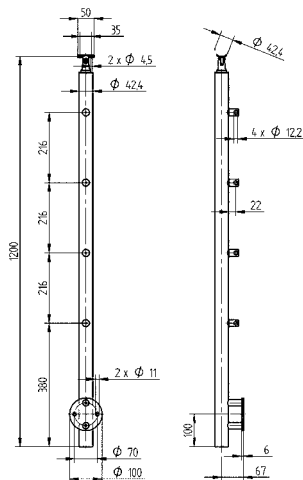
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950650                                         | V2A; AISI 304 |

## Geländerpfosten für vorgesezte Montage

Baluster / Poteaux à fixation latérale /Montanti

für 6, 8 und 10 mm Plattenstärke, Handlaufaufnahme für RR 42,4 mm

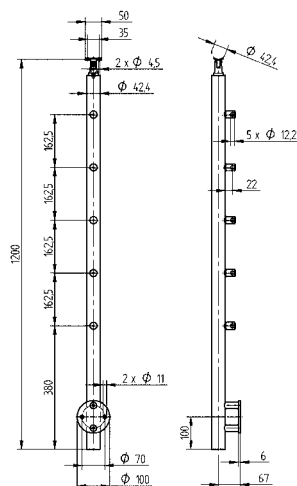
for 6, 8 and 10 mm material thickness and with adjustable handrail support for 42,4 mm / épaisseur de panneau de 6, 8 et 10 mm, support main-courante pour tube rond 42,4 mm / per pannelli da 8 e 10 mm di spessore, reggicorrimano per tubo da 42,4mm



| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950630                                         | V2A; AISI 304 |

### Geländerpfosten für vorgesezte Montage

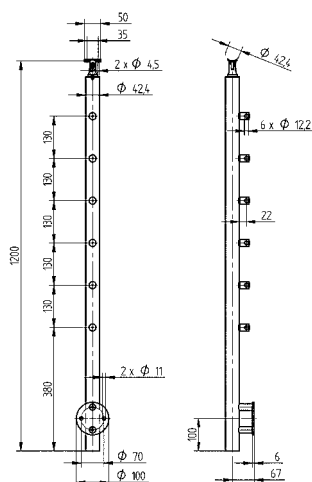
Baluster / Poteaux à fixation latérale /Montanti



| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950620                                         | V2A; AISI 304 |

### Geländerpfosten für vorgesezte Montage

Baluster / Poteaux à fixation latérale /Montanti



| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950600                                         | V2A; AISI 304 |

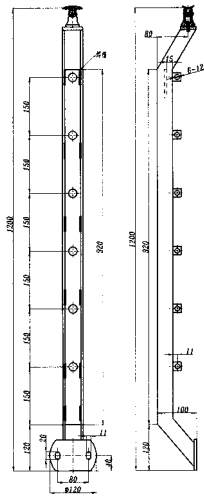
### Geländerpfosten für vorgesezte Montage

Baluster / Poteaux à fixation latérale /Montanti



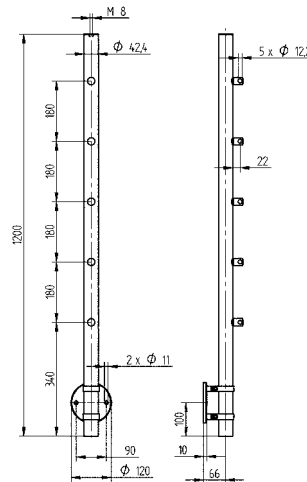
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950550                                         | V2A; AISI 304 |

Geländerpfosten für vorgesetzte Montage  
Baluster / Poteaux à fixation latérale / Montanti



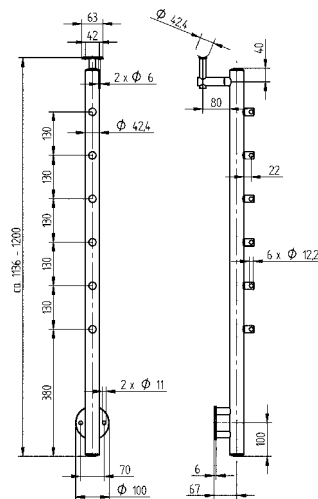
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950610                                         | V2A; AISI 304 |

Geländerpfosten für vorgesetzte Montage  
Baluster / Poteaux à fixation latérale / Montanti



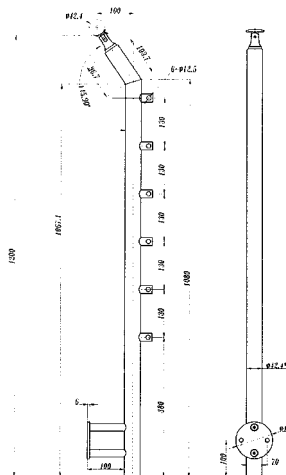
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950900                                         | V2A; AISI 304 |

Geländerpfosten für vorgesetzte Montage  
Baluster / Poteaux à fixation latérale / Montanti

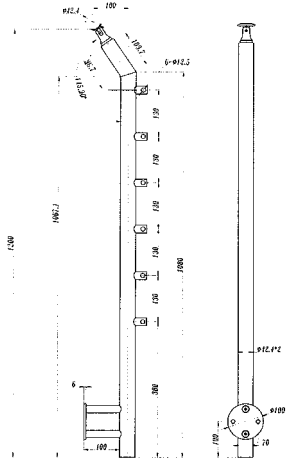


| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950360                                         | V2A; AISI 304 |

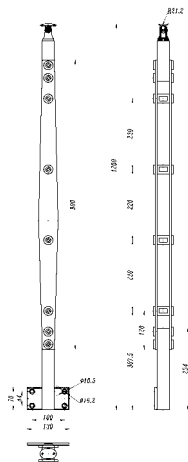
Geländerpfosten für vorgesetzte Montage  
Baluster / Poteaux à fixation latérale / Montanti



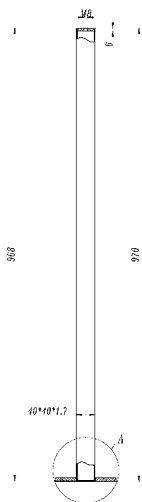
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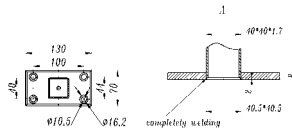
| #                                                                   | Material      |
|---------------------------------------------------------------------|---------------|
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |
| 960110                                                              | V2A; AISI 304 |
| Geländerpfosten für vorgesetzte Montage                             |               |
| Baluster / Poteaux à fixation latérale /Montanti                    |               |



| #                                                | Material      |
|--------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato   |               |
| 950500                                           | V2A; AISI 304 |
| Geländerpfosten für vorgesetzte Montage          |               |
| Baluster / Poteaux à fixation latérale /Montanti |               |

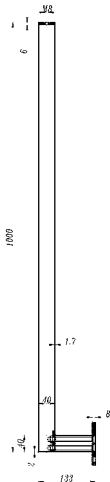
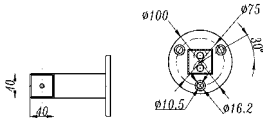


| #                                                | Material      |
|--------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato   |               |
| 950170                                           | V2A; AISI 304 |
| Geländerpfosten für aufgesetzte Montage          |               |
| Baluster / Poteaux à fixation latérale /Montanti |               |



| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 950160                                         | V2A; AISI 304 |

Geländerpfosten für vorgesetzte Montage  
Baluster / Poteaux à fixation latérale / Montanti



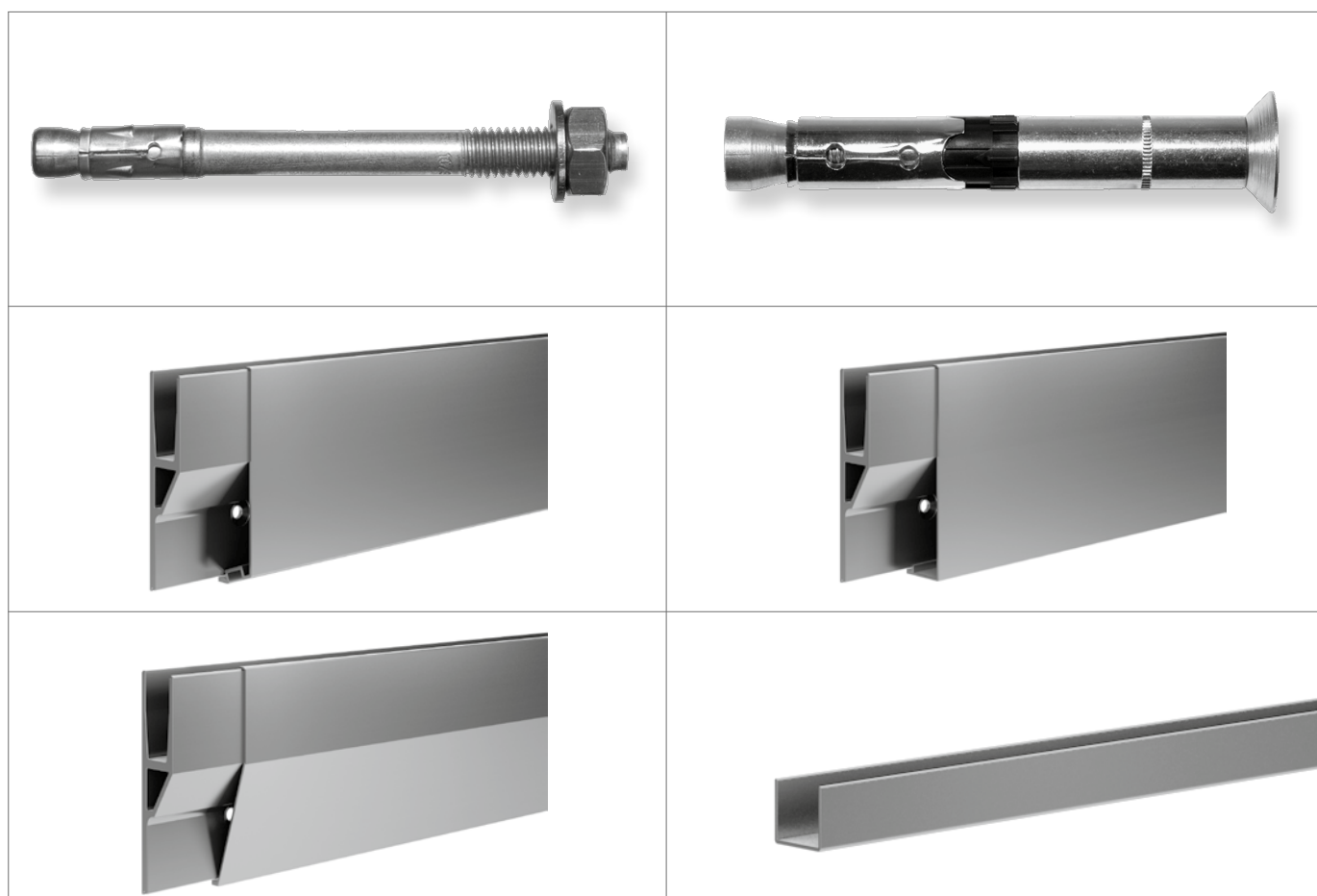




6

## Glasgeländersysteme **CROSILUX® 1.0**

Glass Balustrade CROSILUX® 1.0 / Systèmes de profilés pour garde-corps en verre CROSILUX® 1.0 / Parapetti in vetro CROSILUX® 1.0



6

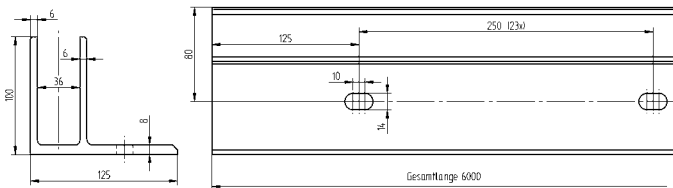
Bodenprofile 1.0 zur aufgesetzten Montage

Base profiles 1.0 for fixed-point installation / Profilés bas 1.0 pour montage sur dalle / Profili di base 1.0 montaggio a pavimento

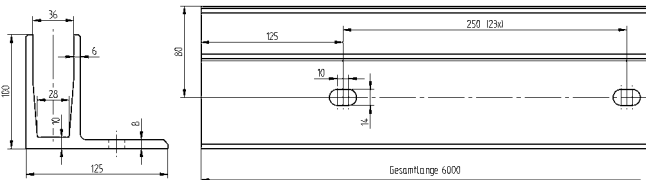
für private Bereiche, mit „Allgemeinem bauaufsichtlichen Prüfzeugnis (AbP)“ und statischer Berechnung

for private areas, with “General Building Inspection Manufacturer’s Certificate (AbP)” and structural analysis / ce profilé n’est pas adapté pour une charge d’exploitation de 0.6 kN/m; Se référer au profilé en CN2200200 et CN2200300 ci-dessous / Per ambienti privati, con certificazione di collaudo AbP (certificato di collaudo costruzione generale) e calcolo statico 0,5 kN/m.

Attention: ce profilé à gorge en U n’est plus commercialisé en France



| #                                                  | Material  |
|----------------------------------------------------|-----------|
| geschliffen / satin finish /<br>brossé / satinato  |           |
| CN2200000                                          | Aluminium |
| roh, pressblank / raw /<br>brut de presse / grezzo |           |
| CN2200100                                          | Aluminium |



Bodenprofile 1.0 zur aufgesetzten Montage

Base profiles 1.0 for fixed-point installation / Profilés bas 1.0 pour montage sur dalle / Profili di base 1.0 montaggio a pavimento

für öffentliche Bereiche, mit „Allgemeinem bauaufsichtlichen Prüfzeugnis (AbP)“ und statischer Berechnung

for public areas, with “General Building Inspection Manufacturer’s Certificate (AbP)” and structural analysis / testé sous une charge d’exploitation de 0.6kN/m selon le cahier 3034 du CSTB (rapport VT 13-0224) / Per ambienti pubblici, con certificazione di collaudo AbP (certificato di collaudo costruzione generale) e calcolo statico 1,0 kN/m.

Attention: pour une utilisation en France ce profilé a été testé conformément au cahier 3034 du CSTB pour une charge d’exploitation de 0.6 kN/m (voir les conditions dans le rapport disponible sur notre site [www.croso-france.fr](http://www.croso-france.fr))

| #                                                  | Material  |
|----------------------------------------------------|-----------|
| geschliffen / satin finish /<br>brossé / satinato  |           |
| CN2200200                                          | Aluminium |
| roh, pressblank / raw /<br>brut de presse / grezzo |           |
| CN2200300                                          | Aluminium |

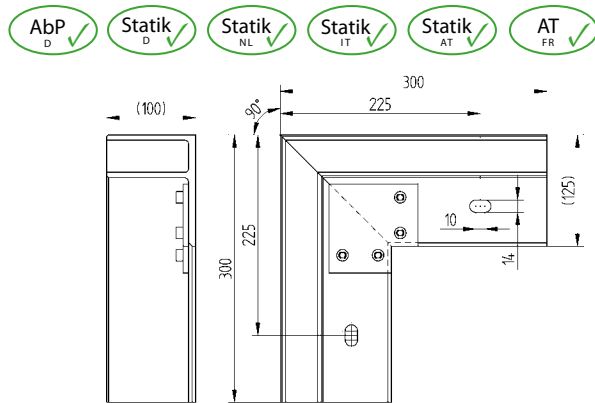
Aluminium, eloxiert in Edelstahleffekt, mit geschliffener Oberfläche oder in roher, pressblanker Ausführung, massive und hochwertige Ausführung, in Herstellungslängen à 6.000 mm, Farbabweichung der Eloxierung nach DIN 17611 möglich

made from aluminium, anodised in a stainless steel effect with treated surface or untreated and press-finished for fixed-point installation, solid and high-quality execution,available in standard lengths of 6,000 mm, computation colour variation to DIN 17611

en aluminium anodisé, aspect acier inoxydable brossé, ou anodisé brut de presse, version pour montage sur dalle, exécution massive de haute qualité, longueurs jusqu’à 6.000 mm pour le secteur privé, des divergences de teintes de l’anodisation selon DIN 17611 sont possibles

Alluminio, anodizzato a effetto acciaio inox, con superficie satinata o grezza, esecuzione massiccia e di elevata qualità, lunghezza standard da 6.000 mm, variazione cromatica della finitura superficiale in accordo alla norma DIN 17611



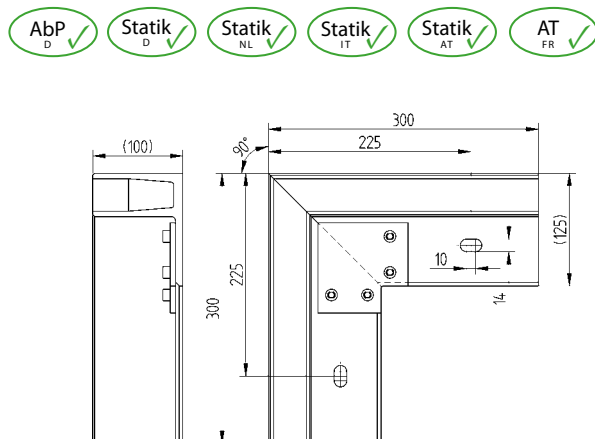


| #                                                  | Material  |
|----------------------------------------------------|-----------|
| geschliffen / satin finish /<br>brossé / satinato  |           |
| CN2200010                                          | Aluminium |
| roh, pressblank / raw /<br>brut de presse / grezzo |           |
| CN2200110                                          | Aluminium |

**Eckstück für Bodenprofile**

Corner piece for base profiles / Angle pour profilés bas / Angolare per profili di base

für Bodenprofile für private Bereiche, mit „Allgemeinem bauaufsichtlichen Prüfzeugnis (AbP)“ und statischer Berechnung for fix- point installation base profiles for private areas, with “General Building Inspection Manufacturer's Certificate (AbP)” and structural analysis / pour une charge 0.6 kN/m se référer à l'élément d'angle ci-dessous / per ambienti privati, con certificazione di collaudo AbP (certificato di collaudo costruzione generale) e calcolo statico 0,5 kN/m.

**Attention: ce profilé à gorge en U n'est plus commercialisé en France**

| #                                                  | Material  |
|----------------------------------------------------|-----------|
| geschliffen / satin finish /<br>brossé / satinato  |           |
| CN2200210                                          | Aluminium |
| roh, pressblank / raw /<br>brut de presse / grezzo |           |
| CN2200310                                          | Aluminium |

**Eckstück für Bodenprofile**

Corner piece for base profiles / Angle pour profilés bas / Angolare per profili di base

für Bodenprofile für öffentliche Bereiche, mit „Allgemeinem bauaufsichtlichen Prüfzeugnis (AbP)“ und statischer Berechnung

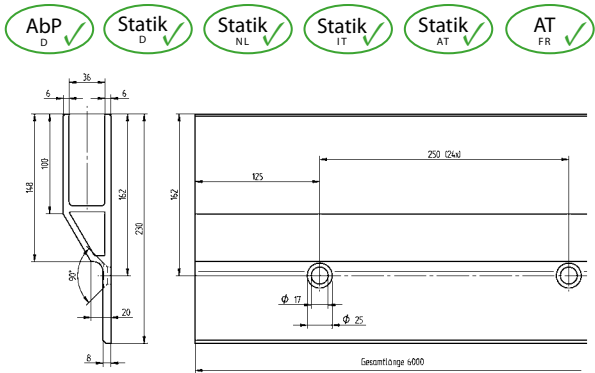
for fix- point installation base profiles for public areas, with “General Building Inspection Manufacturer's Certificate (AbP)” and structural analysis / pour montage sur dalle - avec rapport d'essais pour charge de 0.6 kN/m / per ambienti pubblici, con certificazione di collaudo AbP (certificato di collaudo costruzione generale) e calcolo statico 1,0 kN/m.

Aluminium, eloxiert in Edelstahleffekt, mit geschliffener Oberfläche oder in roher, pressblanker Ausführung, massive und hochwertige Ausführung, in Herstellungslängen à 6.000 mm, Farbabweichung der Eloxierung nach DIN 17611 möglich

made from aluminium, anodised in a stainless steel effect with treated surface or untreated and press-finished for fixed-point installation, solid and high-quality execution, available in standard lengths of 6.000 mm, computation colour variation to DIN 17611

en aluminium anodisé, aspect acier inoxydable brossé, ou anodisé brut de presse, version pour montage sur dalle, exécution massive de haute qualité, longueurs jusqu'à 6.000 mm pour le secteur privé, des divergences de teintes de l'anodisation selon DIN 17611 sont possibles

Alluminio, anodizzato a effetto acciaio inox, con superficie satinata o grezza, esecuzione massiccia e di elevata qualità, lunghezza standard da 6.000 mm, variazione cromatica della finitura superficiale in accordo alla norma DIN 17611

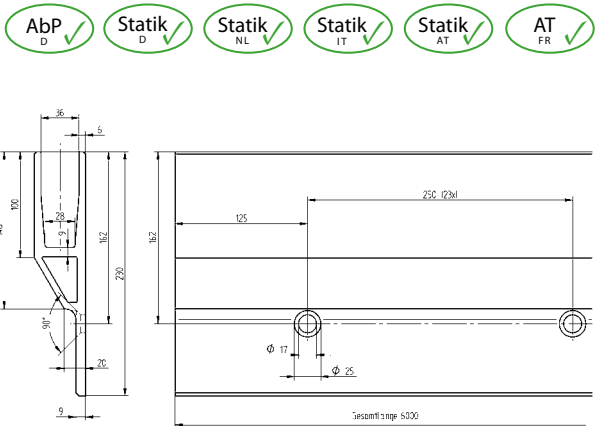


6

**Bodenprofile 1.0 zur vorgesetzten Montage**  
 Base profiles 1.0 for advanced installation/ Profilés bas 1.0 pour montage à l'anglaise / Profili di base 1.0 montaggio laterale  
**für private Bereiche, mit „Allgemeinem bauaufsichtlichen Prüfzeugnis (AbP)“ und statischer Berechnung**  
 for private areas, with “General Building Inspection Manufacturer’s Certificate (AbP)” and structural analysis / ce profilé n’est pas adapté pour une charge d’exploitation de 0.6 kN/m; Se référer au profilés en CN2300200 et CN2300300 ci-dessous / Per ambienti privati, con certificazione di collaudo AbP (certificato di collaudo costruzione generale) e calcolo statico 0,5 kN/m.

Attention: ce profilé à gorge en U n’est plus commercialisé en France

| #                                               | Material  |
|-------------------------------------------------|-----------|
| geschliffen / satin finish / brossé / satinato  |           |
| CN2300000                                       | Aluminium |
| roh, pressblank / raw / brut de presse / grezzo |           |
| CN2300100                                       | Aluminium |



**Bodenprofile 1.0 zur vorgesetzten Montage**  
 Base profiles 1.0 for advanced installation/ Profilés bas 1.0 pour montage à l'anglaise / Profili di base 1.0 montaggio laterale  
**für öffentliche Bereiche, mit „Allgemeinem bauaufsichtlichen Prüfzeugnis (AbP)“ und statischer Berechnung**  
 for public areas, with “General Building Inspection Manufacturer’s Certificate (AbP)” and structural analysis / testé sous une charge d’exploitation de 0.6kN/m selon le cahier 3034 du CSTB (rapport VT 13-0224) / Per ambienti pubblici, con certificazione di collaudo AbP (certificato di collaudo costruzione generale) e calcolo statico 1,0 kN/m.

Attention: pour une utilisation en France ce profilé a été testé conformément au cahier 3034 du CSTB pour une charge d’exploitation de 0.6 kN/m (voir les conditions dans le rapport disponible sur notre site

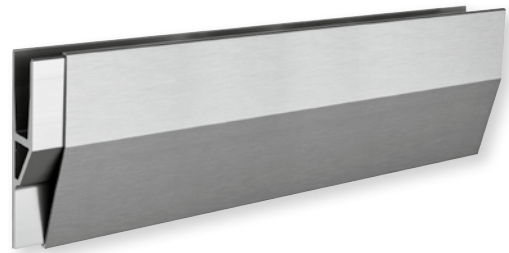
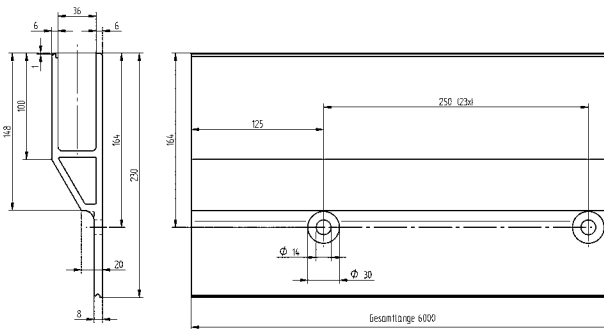
| #                                               | Material  |
|-------------------------------------------------|-----------|
| geschliffen / satin finish / brossé / satinato  |           |
| CN2300200                                       | Aluminium |
| roh, pressblank / raw / brut de presse / grezzo |           |
| CN2300300                                       | Aluminium |

Aluminium, eloxiert in Edelstahleffekt, mit geschliffener Oberfläche oder in roher, pressblanker Ausführung, massive und hochwertige Ausführung, in Herstellungslängen à 6.000 mm, Farbabweichung der Eloxierung nach DIN 17611 möglich

made from aluminium, anodised in a stainless steel effect with treated surface or untreated and press-finished for fixed-point installation, solid and high-quality execution,available in standard lengths of 6.000 mm, computation colour variation to DIN 17611

en aluminium anodisé, aspect acier inoxydable brossé, ou anodisé brut de presse, version pour montage à l'anglaise, exécution massive de haute qualité, longueurs jusqu'à 6.000 mm pour le secteur privé, des divergences de teintes de l'anodisation selon DIN 17611 sont possibles

Alluminio, anodizzato a effetto acciaio inox, con superficie satinata o grezza, esecuzione massiccia e di elevata qualità, lunghezza standard da 6.000 mm, variazione cromatica della finitura superficiale in accordo alla norma DIN 17611



| #                                                          | Material  |
|------------------------------------------------------------|-----------|
| <b>geschliffen/satin finish /<br/>brossé/satinato</b>      |           |
| CN2350000                                                  | Aluminium |
| <b>roh, pressblank / raw /<br/>brut de presse / grezzo</b> |           |
| CN2350010                                                  | Aluminium |

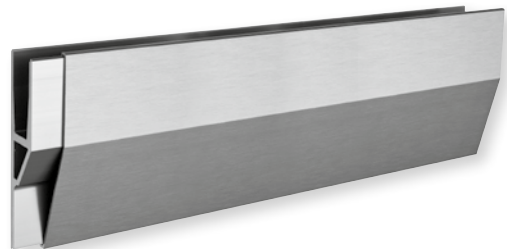
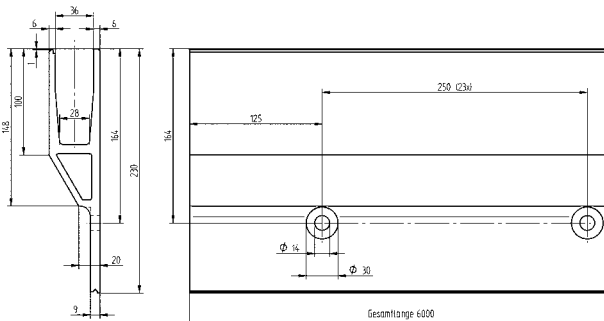
#### Bodenprofile 1.0 für Abdeckung zur vorgesetzten Montage

Base profiles 1.0 for advanced installation with cover profile for advanced installation / Profilé 1.0 à l'anglaise pour installation avec capot pour montage / Profili di base 1.0 con copertura montaggio laterale

#### für private Bereiche, mit „Allgemeinem bauaufsichtlichen Prüfzeugnis (AbP)“ und statischer Berechnung

for private areas, with "General Building Inspection Manufacturer's Certificate (AbP)" and structural analysis / ce profilé n'est pas adapté pour une charge d'exploitation de 0.6 kN/m / Se référer au profilés en CN2351000 et CN2350010 ci-dessous / per ambienti privati, con certificazione di collaudo AbP (certificato di collaudo costruzione generale) e calcolo statico 0,5 kN/m.

**Attention: ce profilé à gorge en U n'est plus commercialisé en France**



| #                                                          | Material  |
|------------------------------------------------------------|-----------|
| <b>geschliffen/satin finish /<br/>brossé/satinato</b>      |           |
| CN2351000                                                  | Aluminium |
| <b>roh, pressblank / raw /<br/>brut de presse / grezzo</b> |           |
| CN2351010                                                  | Aluminium |

#### Bodenprofile 1.0 für Abdeckung zur vorgesetzten Montage

Base profiles 1.0 for advanced installation with cover profile for advanced installation / Profilé 1.0 à l'anglaise pour installation avec capot pour montage / Profili di base 1.0 con copertura montaggio laterale

#### für öffentliche Bereiche, mit „Allgemeinem bauaufsichtlichen Prüfzeugnis (AbP)“ und statischer Berechnung

for public areas, with "General Building Inspection Manufacturer's Certificate (AbP)" and structural analysis / testé sous une charge d'exploitation de 0.6kN/m selon le cahier 3034 du CSTB (rapport VT 13-0224) / Per ambienti pubblici, con certificazione di collaudo AbP (certificato di collaudo costruzione generale) e calcolo statico 1,0 kN/m.

**Attention: pour une utilisation en France ce profilé a été testé conformément au cahier 3034 du CSTB pour une charge d'exploitation de 0.6 kN/m (voir les conditions dans le rapport disponible sur notre site [www.croso-france.fr](http://www.croso-france.fr))**

Aluminium, eloxiert in Edelstahleffekt, mit geschliffener Oberfläche oder in roher, pressblanker Ausführung, massive und hochwertige Ausführung, in Herstellungslängen à 6.000 mm, Farbabweichung der Eloxierung nach DIN 17611 möglich

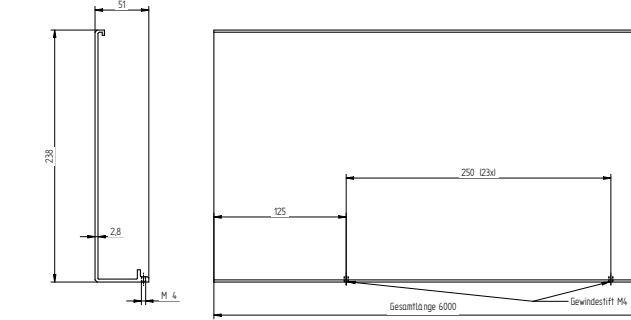
made from aluminium, anodised in a stainless steel effect with treated surface or untreated and press-finished for fixed-point installation, solid and high-quality execution, available in standard lengths of 6.000 mm, computation colour variation to DIN 17611

en aluminium anodisé, aspect acier inoxydable brossé, ou anodisé brut de presse, version pour montage sur dalle, exécution massive de haute qualité, longueurs jusqu'à 6.000 mm pour le secteur privé, des divergences de teintes de l'anodisation selon DIN 17611 sont possibles

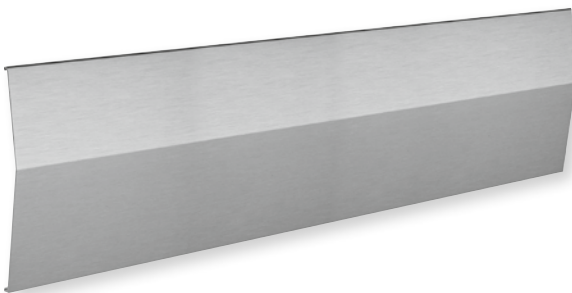
Alluminio, anodizzato a effetto acciaio inox, con superficie satinata o grezza, esecuzione massiccia e di elevata qualità, lunghezza standard da 6.000 mm, variazione cromatica della finitura superficiale in accordo alla norma DIN 17611



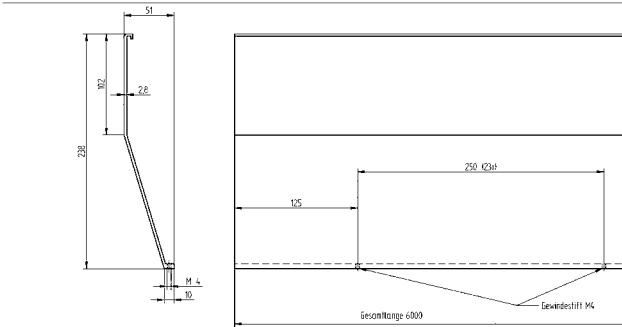
**Abdeckprofil gerade**  
 Cover profile inclined plane / Capot plat / Copertura dritta per profili di base



| #                                               | Material  |
|-------------------------------------------------|-----------|
| geschliffen / satin finish / brossé / satinato  |           |
| CN2350170                                       | Aluminium |
| roh, pressblank / raw / brut de presse / grezzo |           |
| CN2350160                                       | Aluminium |



**Abdeckprofil mit Schräge**  
 Cover profile inclined plane / Cache biseauté / Copertura inclinata per profili di base

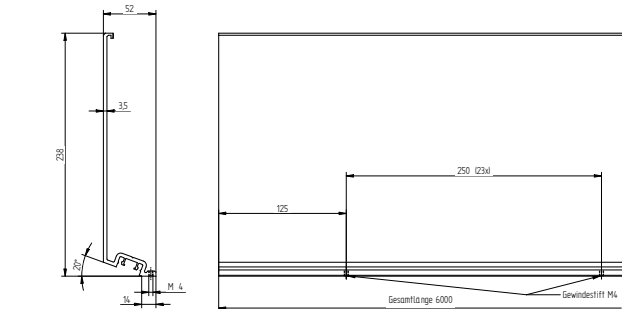


| #                                               | Material  |
|-------------------------------------------------|-----------|
| geschliffen / satin finish / brossé / satinato  |           |
| CN2350150                                       | Aluminium |
| roh, pressblank / raw / brut de presse / grezzo |           |
| CN2350100                                       | Aluminium |



**Abdeckprofil für LED Beleuchtung**  
 Cover profile for LED lighting / Capot avec reservation pour eclaireage led integre / Copertura con linea led per profili di base

**Passende LED-Linien und Abdeckprofile in verschiedenen Ausführungen auf Anfrage erhältlich**  
 suitable LED-Lines and covers available on request / Des capots avec éclairage LED intégré sont disponibles sur demande / Linee LED e profili copertura in diverse esecuzioni disponibili su richiesta



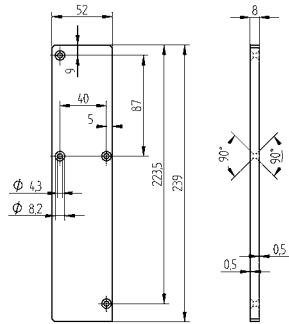
| #                                               | Material  |
|-------------------------------------------------|-----------|
| geschliffen / satin finish / brossé / satinato  |           |
| CL3000550                                       | Aluminium |
| roh, pressblank / raw / brut de presse / grezzo |           |
| CL3000500                                       | Aluminium |

Aluminium, eloxiert in Edelstahleffekt, mit geschliffener Oberfläche oder in roher, pressblanker Ausführung, massive und hochwertige Ausführung, in Herstellungslängen à 6.000 mm, Farbabweichung der Eloxierung nach DIN 17611 möglich

made from aluminium, anodised in a stainless steel effect with treated surface or untreated and press-finished for fixed-point installation, solid and high-quality execution,available in standard lengths of 6,000 mm, computation colour variation to DIN 17611

en aluminium anodisé, aspect acier inoxydable brossé, ou anodisé brut de presse, version pour montage sur dalle, exécution massive de haute qualité, longueurs jusqu'à 6.000 mm pour le secteur privé, des divergences de teintes de l'anodisation selon DIN 17611 sont possibles

Alluminio, anodizzato a effetto acciaio inox, con superficie satinata o grezza, esecuzione massiccia e di elevata qualità, lunghezza standard da 6.000 mm, variazione cromatica della finitura superficiale in accordo alla norma DIN 17611

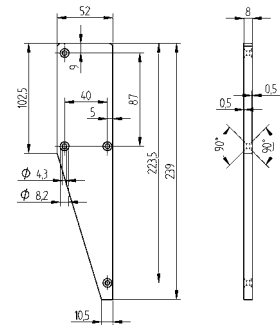


| #                                               | Material  |
|-------------------------------------------------|-----------|
| geschliffen / satin finish / brossé / satinato  |           |
| CN2350510                                       | Aluminium |
| roh, pressblank / raw / brut de presse / grezzo |           |
| CN2350500                                       | Aluminium |

Endkappe für Bodenprofile 1.0 zur vorgesetzten Montage mit Abdeckprofil gerade

End cap for base profiles / Embout pour profilés 1.0 pour montage à l'anglaise / Terminali di chiusura per profili di base per profili di base con montaggio laterale

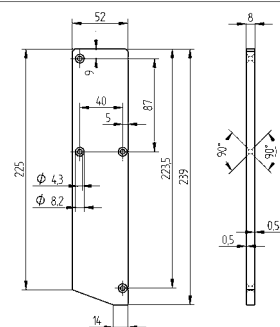
6



| #                                               | Material  |
|-------------------------------------------------|-----------|
| geschliffen / satin finish / brossé / satinato  |           |
| CN2350410                                       | Aluminium |
| roh, pressblank / raw / brut de presse / grezzo |           |
| CN2350400                                       | Aluminium |

Endkappe für Bodenprofile 1.0 zur vorgesetzten Montage mit Abdeckprofil schräg

End cap for base profiles / Embout pour profilés 1.0 pour montage à l'anglaise / Terminali di chiusura per profili di base per profili di base con montaggio laterale



| #                                               | Material  |
|-------------------------------------------------|-----------|
| geschliffen / satin finish / brossé / satinato  |           |
| CL3000610                                       | Aluminium |
| roh, pressblank / raw / brut de presse / grezzo |           |
| CL3000600                                       | Aluminium |

Endkappe für Bodenprofile 1.0 zur vorgesetzten Montage mit Abdeckprofil für LED Beleuchtung

End cap for base profiles / Embout pour profilés 1.0 pour montage à l'anglaise / Terminali di chiusura per profili di base per profili di base con montaggio laterale

Aluminium, eloxiert in Edelstahleffekt, mit geschliffener Oberfläche oder in roher, pressblanker Ausführung, Farbabweichung der Eloxierung nach DIN 17611 möglich

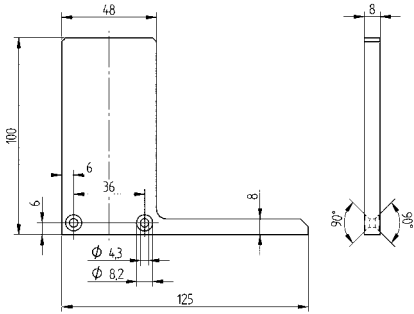
made from aluminium, anodised in a stainless steel effect with treated surface or untreated and press-finished, computation colour variation to DIN 17611

en aluminium anodisé, aspect acier inoxydable brossé, ou anodisé brut de presse, des divergences de teintes de l'anodisation selon DIN 17611 sont possibles

Alluminio, anodizzato a effetto acciaio inox, con superficie satinata o grezza, variazione cromatica della finitura superficiale in accordo alla norma DIN 17611



**Endkappe für Bodenprofile 1.0 zur aufgesetzten Montage,**  
End cap for base profiles 1.0, for fix- point installation / Embout pour profilés bas 1.0 pour montage sur dalle / Terminali di chiusura per profili di base 1.0 con montaggio a pavimento

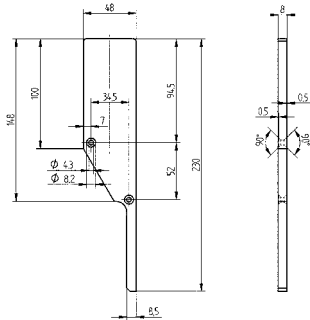


| #                                               | Material  |
|-------------------------------------------------|-----------|
| geschliffen / satin finish / brossé / satinato  |           |
| CN2200500                                       | Aluminium |
| roh, pressblank / raw / brut de presse / grezzo |           |
| CN2200400                                       | Aluminium |

6



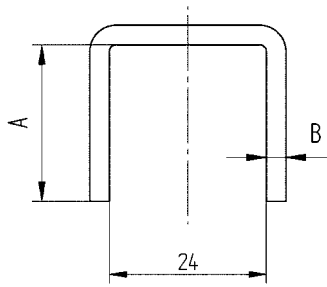
**Endkappe für Bodenprofile 1.0 zur vorgeetzten Montage**  
End cap for base profiles 1.0 / Embout pour profilés bas 1.0 pour montage à l'anglaise / Terminali di chiusura per profili di base 1.0 con montaggio laterale



| #                                               | Material  |
|-------------------------------------------------|-----------|
| geschliffen / satin finish / brossé / satinato  |           |
| CN2300500                                       | Aluminium |
| roh, pressblank / raw / brut de presse / grezzo |           |
| CN2300400                                       | Aluminium |

Aluminium, eloxiert in Edelstahleffekt, mit geschliffener Oberfläche oder in roher, pressblanker Ausführung, Farbabweichung der Eloxierung nach DIN 17611 möglich  
made from aluminium, anodised in a stainless steel effect with treated surface or untreated and press-finished, computation colour variation to DIN 17611  
en aluminium anodisé, aspect acier inoxydable brossé, ou anodisé brut de presse, des divergences de teintes de l'anodisation selon DIN 17611 sont possibles  
Alluminio, anodizzato a effetto acciaio inox, con superficie satinata o grezza, variazione cromatica della finitura superficiale in accordo alla norma DIN 17611





| #                                                      | Material  | A  | B   |
|--------------------------------------------------------|-----------|----|-----|
| <b>eloxiert/ anodised/ anodisé/ anodizzato</b>         |           |    |     |
| CN2100000                                              | Aluminium | 23 | 1,5 |
| <b>roh, pressblank / raw / brut de presse / grezzo</b> |           |    |     |
| CN2100050                                              | Aluminium | 23 | 1,5 |

**Kantenschutzprofil in Herstellungslängen à 6000 mm**

Base profiles supplied in 6000 mm lengths / Profils de contour en longueur de fabrication de 6000 mm / Profilo paraspigoli in lunghezze di produzione da 6000 mm

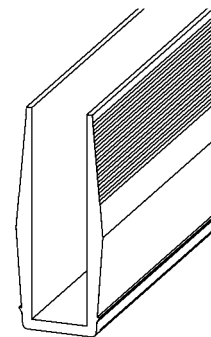
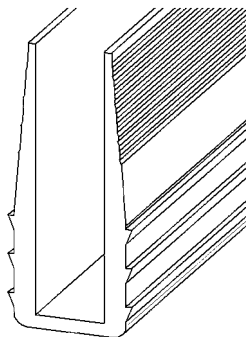
**zum verkleben, als Schutz für aufrechte Kanten!**

can be glued on straight edges" / à coller, pour protéger les chants du verre / da incollare, protezione per i bordi verticali

| #                                                     | Material      | A  | B   |
|-------------------------------------------------------|---------------|----|-----|
| <b>geschliffen / satin finish / brossé / satinato</b> |               |    |     |
| CN2100100                                             | V2A; AISI 304 | 24 | 3,0 |
| CN2100150                                             | V2A; AISI 304 | 24 | 1,5 |
| CN2100110                                             | V4A; AISI 316 | 24 | 3,0 |
| CN2100160                                             | V4A; AISI 316 | 24 | 1,5 |

**Kantenschutzprofil in Herstellungslängen à 6000 mm**

Base profiles supplied in 6000 mm lengths / Profils de contour en longueur de fabrication de 6000 mm / Profilo paraspigoli in lunghezze di produzione da 6000 mm



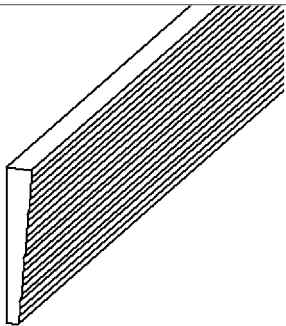
| #         | Glasstärke    |                                                                                                                                                        |
|-----------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| CN1900070 | 10,00 – 10,76 | privater Bereich / private areas / secteur privé / ambiente privato                                                                                    |
| CN1900080 | 12,00 – 12,76 | privater Bereich / private areas / secteur privé / ambiente privato                                                                                    |
| CN1900090 | 15,00         | privater Bereich / private areas / secteur privé / ambiente privato                                                                                    |
| CN1900100 | 16,76 – 17,52 | absturzsichernde Verglasung privater Bereich / fall- safe glazing private areas / avec verre antichute secteur privé / per vetro anticaduta - 0,5 kN   |
| CN1900110 | 20,76 – 21,52 | absturzsichernde Verglasung privater Bereich / fall- safe glazing private areas / avec verre antichute secteur privé / per vetro anticaduta - 0,5 kN   |
| CN1900120 | 16,76 – 17,52 | absturzsichernde Verglasung öffentlicher Bereich / fall- safe glazing public areas / avec verre antichute secteur public / per vetro anticaduta - 1 kN |
| CN1900130 | 20,76 – 21,52 | absturzsichernde Verglasung öffentlicher Bereich / fall- safe glazing public areas / avec verre antichute secteur public / per vetro anticaduta - 1 kN |

**U-Dichtung für Bodenprofile**

Rubber inserts for profiles / Joint en U pour profilé bas / Guarnizione a u per profili di base

**in Längen à 100 mm**

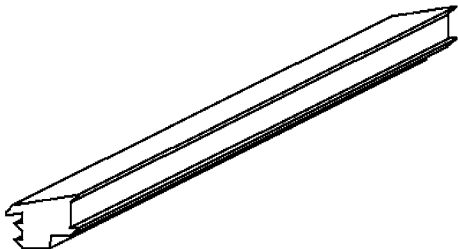
cuts in lengths at 100 mm / découpé à longueur de 100 mm / tagliata in lunghezze di 100mm



Keildichtung für Bodenprofile in Längen à 100 mm,  
Packing wedges cuts in lentgh at 100 mm / Joint de blocage pour profilés  
découpé à longueur de 100 mm / Guarnizione a cuneo per profili di base tagliata  
in lunghezze di 100 mm

| #         |
|-----------|
| CN1900200 |

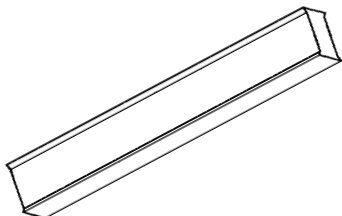
6



Abschlussdichtung für Bodenprofile  
finishing strips / Joint / obturateur pour profilés / Guarnizione di chiusura per  
profili di base

| #         | Glasstärke    |
|-----------|---------------|
| CN1900270 | 10,00 – 10,76 |
| CN1900280 | 12,00 – 12,76 |
| CN1900290 | 15,00         |
| CN1900300 | 16,76 – 17,52 |
| CN1900310 | 20,76 – 21,52 |

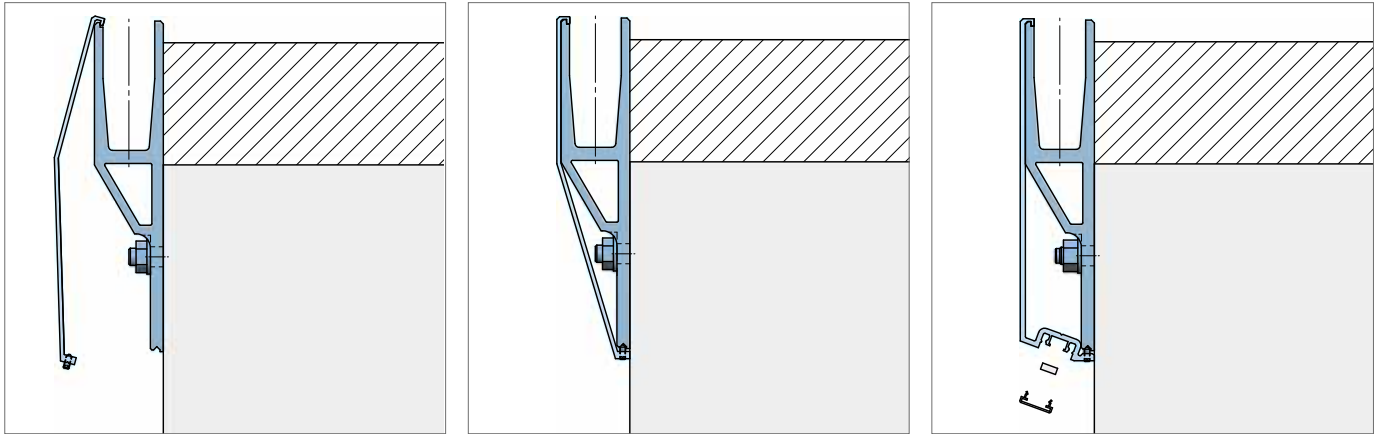
**INFORMATION: POUR UNE INSTALLATION EN FRANCE**  
CROSO FRANCE vous informe que les profilés 1.0 de type renforcé ont été testés conformément au cahier 3034 du CSTB suivant les critères et références de profilés énoncés dans le rapport d'essais VT 13-0224.  
Les profilés 1.0 ont été testés sous une charge d'exploitation de 0.6 kN/m. Ces essais ont été réalisés avec une nouvelle gamme de joints et cales, permettant de poser le verre plus facilement et plus rapidement, ne nécessitant qu'un accès du côté intérieur du garde-corps. Nous vous proposons de retrouver tous les détails de ce nouveau système sur notre site [www.croso-france.fr](http://www.croso-france.fr) ou en nous contactant par mail: [contact@croso-france.fr](mailto:contact@croso-france.fr).



Gummi-Distanzstück für Ganzglasgeländer  
spacer block for glass balustrades / separateur de plaques pour garde-corps en  
verre / Distanziatore di gomma per ringhiere a vetro intero

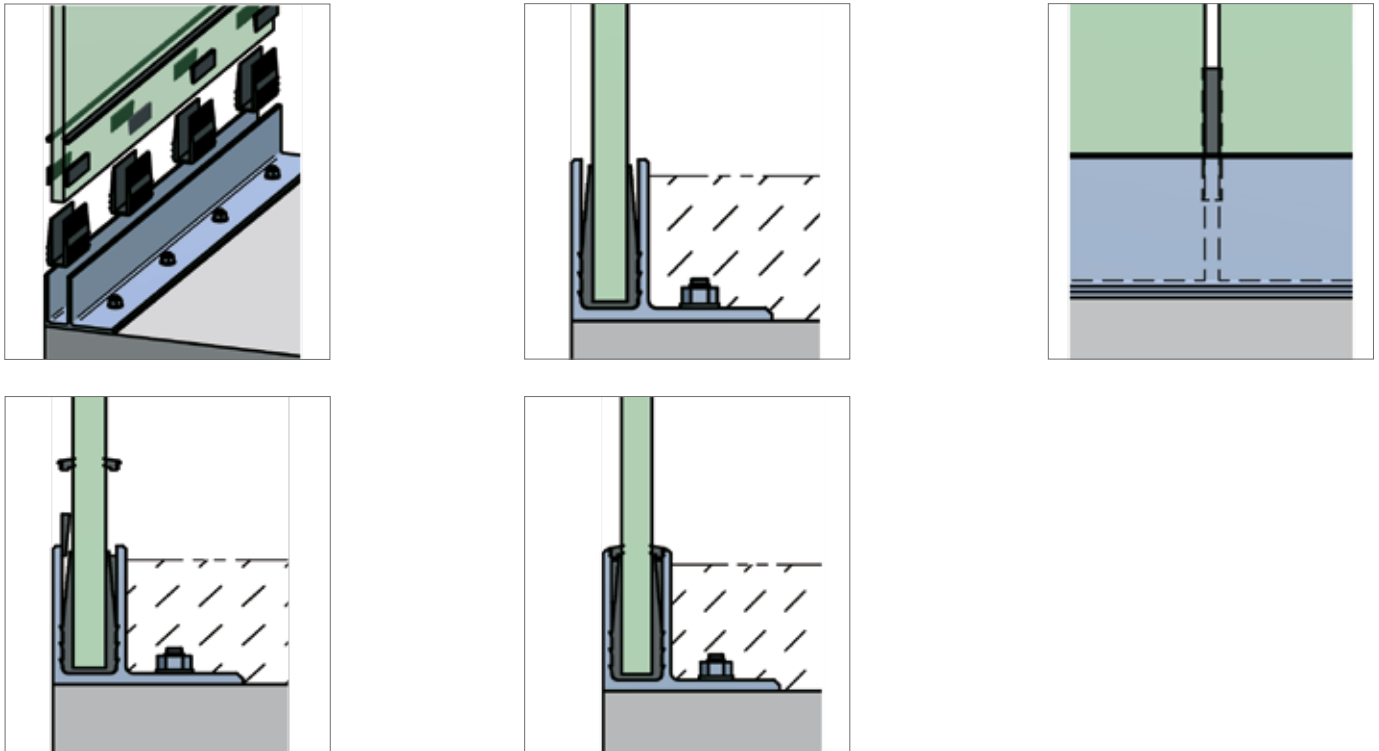
| #         | Distanz | Glasstärke    | Länge |
|-----------|---------|---------------|-------|
| CN1900400 | 10      | 16,76 – 17,52 | 90    |
| CN1900410 | 15      | 16,76 – 17,52 | 90    |
| CN1900420 | 10      | 20,76 – 21,52 | 90    |
| CN1900430 | 15      | 20,76 – 21,52 | 90    |

Pour une installation en France, dans le cadre d'une charge d'exploitation de 0.6 kN:m, téléchargez toutes les informations de notre nouveau système sur [www.croso-france.fr](http://www.croso-france.fr) ou en nous envoyant un email : [contact@croso-france.fr](mailto:contact@croso-france.fr).



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## Montageempfehlung (Dichtungsprofile)

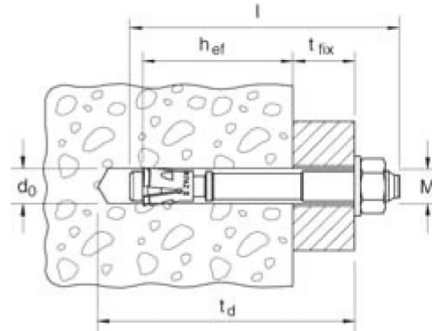


Gemäß Statik empfehlen wir Ihnen, die U-Dichtungen CN1900070 - 130 im Abstand von 250 mm (Mitte/Mitte) in das Bodenprofil einzulegen. Anschließend werden die Gläser eingestellt und es können die Distanzstücke CN1900400 - 430 eingesetzt werden. Mit Keildichtung CN1900200 wird jeweils links und rechts ausgerichtet und verklotzt. Die Dichtungen CN1900270 - 310 werden beidseitig über die gesamte Länge als Abschluss zwischen Bodenprofil und Glas eingesetzt.

Depending on calculations, for best practice, we recommend that you install the U-Seals CN1900070-130 at intervals of 250 mm (centre to centre) in the floor-mounted profile. Thereafter glass panes may be installed and aligned and the rubber spacer may be placed. Secure the glass panes with the wedge seal CN1900200 on the left and right respectively. The termination seals CN1900270 - 310 are inserted over the entire length on both sides as a means of hiding the packing/mounting rubbers between the floor-mounted profile and glass.

Conformément au calculs statiques, pour une mise en place facile, nous recommandons l'installation des joints en „U“ CN1900070-130 à des intervalles de 250 mm (entraxe) dans le profilé au sol. Ensuite, installez les panneaux de verre, et alignez les avec le joint de calage. Sécurisez ensuite les panneaux avec le joint de calage CN1900200, de chaque côté du verre (gauche et droit). Les joints de finition CN1900270-310 sont insérés sur la longueur totale des panneaux de verre pour masquer les joints en „U“ et joints de calage entre le profilé et le verre.

A seconda delle esigenze statiche, si consiglia di inserire nel profilo di base le guarnizioni a U CN1900070÷130 distanziate fra loro di 250 mm (interasse). Subito dopo è possibile montare i vetri, inserendo i distanziatori CN1900200-430 fra una lastra e l'altra. Poi, raddrizzare e mettere a piombo la lastra utilizzando le guarnizioni a cuneo CN 1900200 a destra ed a sinistra. Infine, inserire su ambo i lati per l'intera lunghezza le guarnizioni di chiusura CN1900270÷310 tra il profilo di base e la lastra di vetro.



### Ankerbolzen FAZ II A4

Bolt anchor FAZ II A4 / Goujon d'ancrage FAZ II A4 / Ancorante fischer FAZ II

### zur Durchsteckmontage

for pre- positioned and push through installation / Installation traversante ou non-traversante / per installazione passante

| #                                                         | Material      |              | do | td  | hef | l   | t fix | Länge    |
|-----------------------------------------------------------|---------------|--------------|----|-----|-----|-----|-------|----------|
| Edelstahl / stainless steel / inox / acciaio inossidabile |               |              |    |     |     |     |       |          |
| CN2499110                                                 | V4A; AISI 316 | FAZ II 8/10  | 8  | 75  | 45  | 75  | 10    | M8 x 21  |
| CN2499115                                                 | V4A; AISI 316 | FAZ II 8/30  | 8  | 95  | 45  | 95  | 30    | M8 x 41  |
| CN2499120                                                 | V4A; AISI 316 | FAZ II 10/10 | 10 | 90  | 60  | 95  | 10    | M10 x 24 |
| CN2499125                                                 | V4A; AISI 316 | FAZ II 10/30 | 10 | 110 | 60  | 105 | 20    | M10 x 44 |
| CN2499130                                                 | V4A; AISI 316 | FAZ II 12/10 | 12 | 105 | 70  | 110 | 10    | M12 x 27 |
| CN2499135                                                 | V4A; AISI 316 | FAZ II 12/30 | 12 | 125 | 70  | 130 | 30    | M12 x 47 |

## FAZ II VORTEILE IM ÜBERBLICK

### Der schwarze Spreizclip

ist das Erkennungszeichen: der FAZ II ist nur echt mit dem schwarzen Gürtel und damit leicht von seinem Vorgänger und dem FAZ II A4 zu unterscheiden.

### Der ausgeprägte Bund

stellt sicher, dass der Clip bei Bewehrungstreffern und ungünstigen Bohrlöchern beim Einschlagen an seiner Position bleibt.



### Die Einheit aus Konus und Spreizclip

erhöht die Zugtragfähigkeit um bis zu 38% gegenüber dem Vorgängerprodukt und sorgt für geringste Rand- und Achsabstände, leichtes Einschlagen und einen geringen Anzugsweg.

### Der optimierte Schaft

ermöglicht bis zu 96% höhere zulässige Querkraft als das Vorgängerprodukt. Mit seinem optimierten Durchmesser lässt er sich leicht einschlagen und bei Bedarf auch noch nachträglich ausrichten.

- Höchste Zug- und Querlasten, das heißt: mehr Sicherheit bei insgesamt weniger Befestigungspunkten und damit geringere Kosten
- Einsetzbar in dünnen Betonplatten ab 8 cm Dicke
- Kleinste Rand- und Achsabstände für mehr Einsatzmöglichkeiten
- Geringe Einschlagenergie, geringer Anzugsweg und damit äußerst montagefreundlich
- Hohe Stahl Duktilität ermöglicht eine nachträgliche Ausrichtung mit dem Hammer
- FAZ II A4 und FAZ II C erfüllen die selben Last- und Haltewerte wie FAZ II galvanisch verzinkt. Es ist somit keine neue Bemessung erforderlich, wenn von galvanisch verzinkt auf Edelstahl gewechselt werden muss.

## PRODUKTBESCHREIBUNG

- Ankerbolzen für die Durchsteckmontage.
- Beim Anziehen der Sechskantmutter wird der Konusbolzen in den Spreizclip gezogen und verspannt diesen gegen die Bohrlochwand.
- Ausführung FAZ II A4 aus nichtrostendem Stahl der Korrosionswiderstandsklasse III, z. B. A4, für Anwendungen im Außenbereich und in Feuchträumen. FAZ II C aus hochkorrosionsbeständigem Stahl der Korrosionswiderstandsklasse IV, z. B. Werkstoff 1.4529, für Anwendungen in aggressiver Atmosphäre.
- FAZ II-GS mit großer vormontierter Scheibe für Befestigungen mit Langlöchern im Anbauteil.

## Vorteile/Nutzen

- Optimierter Spreizclip gewährleistet gleichmäßige Lastverteilung für hohe zulässige Lasten und kleine Rand- und Achsabstände bei filigranen Bauteilen sowie ein sicheres Nachspreizen auch in gerissenem Beton.
- Montagefreundlich, da nur wenige Umdrehungen zum Aufbringen des Drehmoments notwendig sind.



### Zugelassen für:

- Gerissenen und ungerissenen Beton B25 bis B55 bzw. C20/25 bis C50/60

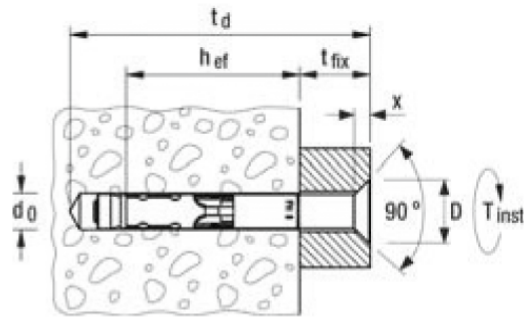
### Auch geeignet für:

- Beton B15
- Naturstein mit dichtem Gefüge

### Zur Befestigung von:

- Stahlkonstruktionen
- Geländern
- Konsolen
- Leitern
- Kabeltrassen
- Maschinen
- Treppen
- Toren
- Fassaden
- Fensterelementen
- Holzkonstruktionen





### Hochleistungsanker FH II

high performance anchor FA II A4 /  
Cheville hautes performances FH / An-  
corante fischer FH II

### schwerer Hülseanker zur Durch- steckmontage

for pre-positioned and push through  
installation / Cheville hautes perfor-  
mances pour fixations lourdes et in-  
stallation traversante / ancorante pe-  
sante per installazione passante

| #                                                         | Material      |                | do | td  | hef | l   | t fix | Gewinde |
|-----------------------------------------------------------|---------------|----------------|----|-----|-----|-----|-------|---------|
| Edelstahl / stainless steel / inox / acciaio inossidabile |               |                |    |     |     |     |       |         |
| CN2499210                                                 | V4A; AISI 316 | FH II 12/15 SK | 12 | 95  | 60  | 90  | 15    | M 8     |
| CN2499215                                                 | V4A; AISI 316 | FH II 12/30 SK | 12 | 95  |     | 90  | 30    | M 8     |
| CN2499220                                                 | V4A; AISI 316 | FH II 15/15 SK | 15 | 105 | 70  | 100 | 15    | M 10    |

### FH II VORTEILE IM ÜBERBLICK

#### Die Einheit von Sprezhülse und Konus

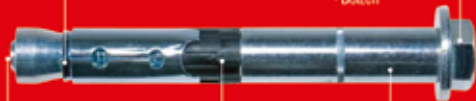
führt zu höchsten Zugtragfähigkeiten bei  
sehr kleinen Achs- und Randabständen in  
gerissenem und ungerissenem Beton.

**Dübelkopf** in vier  
Design-Varianten erhältlich  
- Sechskantschraube  
- Senkkopfschraube  
- Hutmutter  
- Bolzen

**Optimierte  
Schrauben- und  
Bolzenlänge**  
zur Reduzierung der  
Bohrlochtiefe.

**Der schwarze Kunst-  
stoffring** steht für höchste  
Leistungsfähigkeit und dient  
zur Aufnahme des Anzugs-  
schlupfes (sogenannter  
Hohlagenausgleich). Ein  
Mitröhen des Dübels wird  
verhindert.

**Die hohe Stahlfestig-  
keit** (Festigkeitsklasse  
B.8) und das optimale  
Zusammenwirken  
von Schraube und  
Hülse (Vergrößerung der  
Scherfläche) ermöglichen  
höchste Übertragfähigkeit.



### PRODUKTDESCHEIBUNG

- Schwerer Hülseanker für die Durchsteckmontage
- Beim Anziehen der Sechskantschraube bzw. der Schraube wird der Konus in die Sprezhülse gezogen, spreizt diese auf und verspannt sie gegen die Bohrlochwand.
- Ausführung FH A4 aus nichtrostendem Stahl der Korrosionswiderstandsklasse III, z. B. A4, für Anwendungen im Außenbereich und in Feuchträumen (nicht Bestandteil der Zulassung).

### Vorteile/Nutzen

- Für formschöne Befestigungen.
- Höchste Zug- und Quertragfähigkeiten bei Durchsteckmontage.
- Einfaches Handling: Der Anker lässt sich mit wenigen, leichten Hammerschlägen setzen.
- Oberflächenbündige Demontage.
- Kleinste Achs- und Randabstände.
- Anker Ausführungen für Anwendungen mit anspruchsvollem Design: FH II-S (Sechskantschraube), FH II-H (Hutmutter), FH II-SK (Senkkopf).



### Zugelassen für:

- Gerissenen und ungerissenen Beton B25 bis B55 bzw. C20/25 bis C50/60

### Auch geeignet für:

- Beton B 15
- Naturstein mit dichtem Gefüge

### Zur Befestigung von:

- Stahlkonstruktionen
- Geländern
- Konsolen
- Leitern
- Kabeltrassen
- Maschinen
- Treppen
- Toren
- Fassaden
- Fensterelementen









## Glasklemmen

Glass Holder / Pincas à verre / Supporti per vetro



Seit Anfang März 2014 sind viele Klemmhalter aus unserem **CROSINOX®**- Programm mit **Allgemeiner bauaufsichtlicher Zulassung** erhältlich.

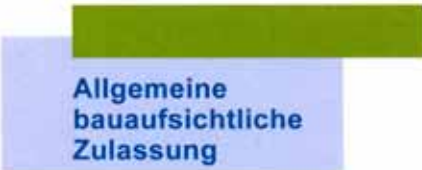
Die zugelassenen Artikel sind mit  Kennzeichen abgebildet und in einer Übersichtstabelle dargestellt. Die komplette Zulassung steht unseren Kunden als Download auf unserer Homepage **www.croso-international.de** im Menüpunkt **technische Daten** zur Verfügung.

De nombreuses pinces à verre de notre programme **CROSINOX®** bénéficient du **certificat d'approbation technique** établi par l'institut allemand des techniques de la construction depuis Mars 2014. Ces articles sont repérés par le symbole  et figurent dans le tableau à suivre. Le certificat est disponible sur notre site **www.croso-france.fr**

Since March 2014 our **CROSINOX®**-Glass clamps are available with suitable **test certificates**.

The approved Items are marked with  and shown in table below. The complete Certification is available on our homepage **www.croso-international.de** under the menu item **technical data**.

Da inizio marzo 2014 maggior parte delle nostre pinze per vetro della gamma **CROSINOX®** sono disponibili con il **certificato di collaudo costruzione generale (norma tedesca AbZ)**. Prodotti certificate sono marchiati con  nelle illustrazioni e visualizzati in una tabella riassuntiva. La tabella completa è a disposizione per i nostri clienti sul nostro sito **www.crosoitalia.it** come download nel menu **dati tecnici**.



**Allgemeine  
bauaufsichtliche  
Zulassung**

**Deutsches  
Institut  
für  
Bautechnik** 

**Zulassungsstelle für Bauprodukte und Bauarten**  
**Bautechnisches Prüfamt**  
Eine vom Bund und den Ländern  
gemeinsam getragene Anstalt des öffentlichen Rechts  
Mitglied der EOTA, der UEAtc und der WFTAQ

Datum: 06.03.2014      Geschäftszeichen: I 38-1.70.5-33/08

**Zulassungsnummer:**  
**Z-70.5-193**

**Antragsteller:**  
**CROSO International GmbH**  
Rönkhauser Straße 9  
59757 Arnsberg-Müschede

**Zulassungsgegenstand:**  
punktgehaltene absturzsichernde Verglasung mit CROSINOX® Klemmhaltern aus  
nichtrostendem Stahl

**Geltungsdauer**  
vom: **6. März 2014**  
bis: **6. März 2019**

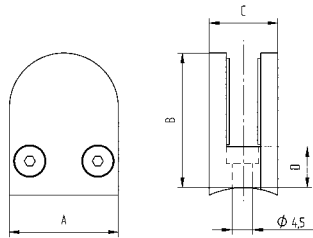
Der oben genannte Zulassungsgegenstand wird hiermit allgemein bauaufsichtlich zugelassen.  
Diese allgemeine bauaufsichtliche Zulassung umfasst neun Seiten und 23 Anlagen.



DIBt | Kolonnenstraße 30 B | D-10629 Berlin | Tel.: +49 30 78730-0 | Fax: +49 30 78730-320 | E-Mail: dibt@dibt.de | www.dibt.de

| Klemmhalter                                                                                                  | Form      | Maße           | Werkstoff | Arten und Stärken der Verglasung je nach Einbausituation |                                                                |                                                                                                    |
|--------------------------------------------------------------------------------------------------------------|-----------|----------------|-----------|----------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
|                                                                                                              |           |                |           | Einbau aufgesetzt<br><br>>VSG (ESG/TVG)<br>>ESG-H        | Einbau vorgesetzt<br>mit Sicherungsstift<br><br>>VSG (ESG/TVG) | Einbau vorgesetzt<br>mit Eckklemmhalter<br>ohne<br>Sicherungsstift<br><br>>VSG (ESG/TVG)<br>>ESG-H |
| CN 6030000<br>CN 6030424<br>CN 6030483                                                                       | rund      | 45 x 64 x 27,5 | ZDG       | 8,00 / 9,52 / 10,00                                      | 9,52                                                           | 8,00 / 9,52 / 10,00                                                                                |
| CN 6040000<br>CN 6040424<br>CN 6040483                                                                       | rund      | 45 x 63 x 30   | ZDG       | 11,52 / 12,00                                            | 11,52                                                          | 11,52 / 12,00                                                                                      |
| CN 6080000<br>CN 6080337<br>CN 6080424<br>CN 6080483                                                         | rund      | 45 x 63 x 27,5 | ZDG       | 8,00 / 9,52 / 10,00                                      | 9,52                                                           | 8,00 / 9,52 / 10,00                                                                                |
| CN 6090000<br>CN 6090424<br>CN 6090483                                                                       | rund      | 45 x 63 x 30   | ZDG       | 11,52 / 12,00                                            | 11,52                                                          | 11,52 / 12,00                                                                                      |
| CN 6101424<br>CN 6102424                                                                                     | rund Ecke | 53 x 60 x 29   | ZDG       | 8,00 / 9,52 / 10,00                                      | -                                                              | 8,00 / 9,52 / 10,00                                                                                |
| CN 6103424<br>CN 6104424                                                                                     | rund Ecke | 53 x 60 x 32   | ZDG       | 11,52 / 12,00                                            | -                                                              | 11,52 / 12,00                                                                                      |
| CN 6140000<br>CN 6140424<br>CN 6140483                                                                       | rund      | 43 x 59 x 26   | V4A       | 8,00 / 9,52 / 10,00                                      | 9,52                                                           | 8,00 / 9,52 / 10,00                                                                                |
| CN 6150000<br>CN 6150424<br>CN 6150483                                                                       | rund      | 43 x 59 x 29   | V4A       | 11,52 / 12,00                                            | 11,52                                                          | 11,52 / 12,00                                                                                      |
| CN 6160000<br>CN 6160337<br>CN 6160424<br>CN 6160483<br>CN 6160603                                           | rund      | 54 x 60 x 33   | V4A       | 11,52 / 12,00                                            | 11,52                                                          | 11,52 / 12,00                                                                                      |
| CN 6171424<br>CN 6172424<br>CN 6173483<br>CN 6174483<br>CN 6175000<br>CN 6176000                             | rund Ecke | 53 x 60 x 28   | V4A       | 8,00 / 9,52 / 10,00                                      | -                                                              | 8,00 / 9,52 / 10,00                                                                                |
| CN 6181424<br>CN 6182424<br>CN 6183483<br>CN 6184483<br>CN 6185000<br>CN 6186000                             | rund Ecke | 53 x 60 x 28   | V4A       | 9,52 / 10,00                                             | -                                                              | 9,52 / 10,00                                                                                       |
| CN 6191424<br>CN 6192424<br>CN 6193483<br>CN 6194483<br>CN 6195000<br>CN 6196000                             | rund Ecke | 53 x 60 x 31   | V4A       | 11,52 / 12,00                                            | -                                                              | 11,52 / 12,00                                                                                      |
| CN 6201424<br>CN 6202424<br>CN 6203483<br>CN 6204483<br>CN 6205603<br>CN 6206603<br>CN 6207000<br>CN 6208000 | rund Ecke | 53 x 60 x 34   | V4A       | 13,52                                                    | -                                                              | 13,52                                                                                              |
| CN 6260000<br>CN 6260381<br>CN 6260424<br>CN 6260483<br>CN 6260508                                           | rund      | 43 x 59 x 26   | V4A       | 8,00 / 9,52 / 10,00                                      | 9,52                                                           | 8,00 / 9,52 / 10,00                                                                                |
| CN 6280424                                                                                                   | rund      | 43 x 59 x 26   | V4A       | 8,00 / 9,52 / 10,00                                      | 9,52                                                           | 8,00 / 9,52 / 10,00                                                                                |
| CN 6310000<br>CN 6310483<br>CN 6310603                                                                       | eckig     | 70 x 55 x 37,5 | V4A       | 13,52 / 17,52                                            | 13,52 / 17,52                                                  | 13,52 / 17,52                                                                                      |
| CN 6321000<br>CN 6322000<br>CN 6323483<br>CN 6324483<br>CN 6325603<br>CN 6326603                             | rund Ecke | 70 x 70 x 37,5 | V4A       | 13,52 / 17,52                                            | -                                                              | 13,52 / 17,52                                                                                      |

Zugelassene Glasfeldbreiten sowie weitere Informationen sind der jeweiligen AbZ zu entnehmen

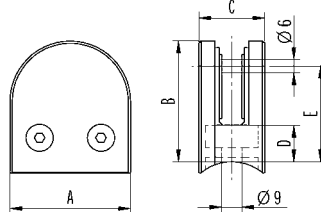


| #                                              | Material      | Rohranschluss               | A  | B  | C  | D  |
|------------------------------------------------|---------------|-----------------------------|----|----|----|----|
| geschliffen / satin finish / brossé / satinato |               |                             |    |    |    |    |
| 650000                                         | V2A; AISI 304 | gerade/flat/<br>plat/dritto | 29 | 35 | 18 | 11 |
| 650337                                         | V2A; AISI 304 | Ø 33,7                      | 29 | 35 | 18 | 11 |
| 650424                                         | V2A; AISI 304 | Ø 42,4                      | 29 | 35 | 18 | 11 |

mit Gummieinlagen für 4, 6 und 8 mm Stärke

rubber inserts for 4, 6 and 8 mm glass thickness / avec butées caoutchouc pour épaisseur de 4, 6 et 8 mm / con perno di sicurezza e inserti di gomma per 4,6 e 8 mm di spessore

7

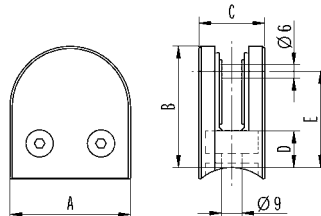


mit Sicherungsstift,  
with securing pin, avec téton de sécurité, con perno di sicurezza,

| #                                                     | Material | Rohranschluss                    | A  | B  | C  | D  | E  |
|-------------------------------------------------------|----------|----------------------------------|----|----|----|----|----|
| Zinkdruckguss / zinc / Zamac / pressofusione di zinco |          |                                  |    |    |    |    |    |
| CN6020000                                             | Zink     | gerade / flat /<br>plat / dritto | 40 | 50 | 23 | 16 | 37 |
| CN6020337                                             | Zink     | Ø 33,7                           | 40 | 50 | 23 | 16 | 37 |
| CN6020424                                             | Zink     | Ø 42,4                           | 40 | 50 | 23 | 16 | 37 |

**Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma**

| #         | Glasstärke |
|-----------|------------|
| CN6400110 | 6,00       |
| CN6400120 | 7,52       |
| CN6400130 | 8,00       |

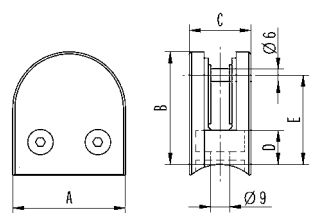


**mit Sicherungsstift,**  
with securing pin, avec téton de sécurité, con perno di sicurezza,

| #                                                                                                                                 | Material | Rohranschluss                   | A  | B  | C  | D  | E  |
|-----------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------------|----|----|----|----|----|
| Zinkdruckguss, Edelstahleffekt / zinc, satin effect / zamac, finition inox / pressofusione di zinco, effetto acciaio inossidabile |          |                                 |    |    |    |    |    |
| CN6070000                                                                                                                         | Zink     | gerade/ flat /<br>plat / dritto | 40 | 49 | 23 | 16 | 37 |
| CN6070337                                                                                                                         | Zink     | Ø 33,7                          | 40 | 49 | 23 | 16 | 37 |
| CN6070424                                                                                                                         | Zink     | Ø 42,4                          | 40 | 49 | 23 | 16 | 37 |

**Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma**

| #         | Glasstärke |
|-----------|------------|
| CN6400110 | 6,00       |
| CN6400120 | 7,52       |
| CN6400130 | 8,00       |



**mit Sicherungsstift,**  
with securing pin, avec téton de sécurité, con perno di sicurezza,

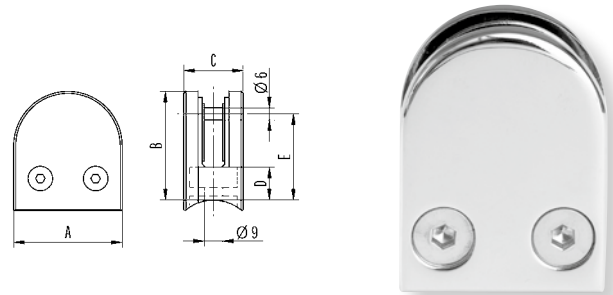
| #                                                     | Material | Rohranschluss                   | A  | B  | C    | D  | E  |
|-------------------------------------------------------|----------|---------------------------------|----|----|------|----|----|
| Zinkdruckguss / zinc / Zamac / pressofusione di zinco |          |                                 |    |    |      |    |    |
| CN6290000                                             | Zink     | gerade/ flat /<br>plat / dritto | 40 | 50 | 22,5 | 16 | 37 |
| CN6290337                                             | Zink     | Ø 33,7                          | 40 | 50 | 22,5 | 16 | 37 |
| CN6290424                                             | Zink     | Ø 42,4                          | 40 | 50 | 22,5 | 16 | 37 |

**Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma**

| #         | Glasstärke |
|-----------|------------|
| CN6400110 | 6,00       |
| CN6400120 | 7,52       |
| CN6400130 | 8,00       |

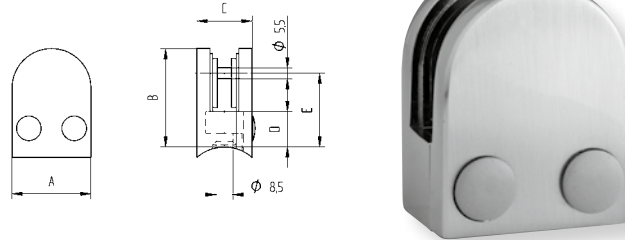
| #                                                     | Material | Rohranschluss                | A  | B  | C  | D  | E  |
|-------------------------------------------------------|----------|------------------------------|----|----|----|----|----|
| Zinkdruckguss / zinc / Zamac / pressofusione di zinco |          |                              |    |    |    |    |    |
| CN6300000                                             | Zink     | gerade/ flat / plat / dritto | 40 | 50 | 23 | 16 | 38 |
| CN6300337                                             | Zink     | Ø 33,7                       | 40 | 50 | 23 | 16 | 38 |
| CN6300424                                             | Zink     | Ø 42,4                       | 40 | 50 | 23 | 16 | 38 |

| Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma |            |  |  |  |  |  |  |
|-----------------------------------------------------------------------|------------|--|--|--|--|--|--|
| #                                                                     | Glasstärke |  |  |  |  |  |  |
| CN6400110                                                             | 6,00       |  |  |  |  |  |  |
| CN6400120                                                             | 7,52       |  |  |  |  |  |  |
| CN6400130                                                             | 8,00       |  |  |  |  |  |  |



| #                                                                                                                                                    | Material | Rohranschluss                | A  | B  | C  | D  | E    |
|------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------------|----|----|----|----|------|
| Zinkdruckguss-Edelstahleffekt / zinc, satin effect / zinc moulé par injection – finition inox / pressofusione di zinco, effetto acciaio inossidabile |          |                              |    |    |    |    |      |
| 679000                                                                                                                                               | Zink     | gerade/ flat / plat / dritto | 40 | 50 | 28 | 18 | 37,5 |
| 679337                                                                                                                                               | Zink     | Ø 33,7                       | 40 | 50 | 28 | 18 | 37,5 |
| 679424                                                                                                                                               | Zink     | Ø 42,4                       | 40 | 50 | 28 | 18 | 37,5 |

| Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma |            |        |            |  |  |  |  |
|-----------------------------------------------------------------------|------------|--------|------------|--|--|--|--|
| #                                                                     | Glasstärke | #      | Glasstärke |  |  |  |  |
| 990600                                                                | 6,00 mm    | 990876 | 8,76       |  |  |  |  |
| 990800                                                                | 8,00 mm    | 991000 | 10,00      |  |  |  |  |

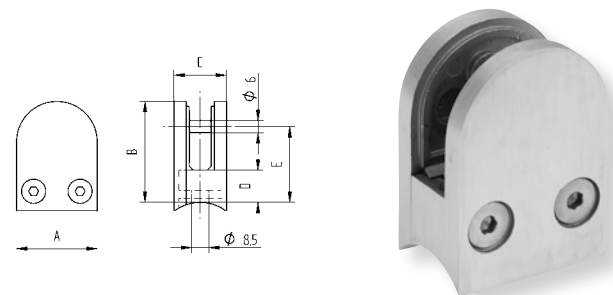


mit Sicherungsstift,  
with securing pin, avec téton de sécurité, con perno di sicurezza,

| #                                              | Material      | Rohranschluss                | A  | B  | C  | D  | E    |
|------------------------------------------------|---------------|------------------------------|----|----|----|----|------|
| geschliffen / satin finish / brossé / satinato |               |                              |    |    |    |    |      |
| 700000                                         | V4A; AISI 316 | gerade/ flat / plat / dritto | 40 | 50 | 26 | 16 | 37,5 |
| 700337                                         | V4A; AISI 316 | Ø 33,7                       | 40 | 50 | 26 | 16 | 37,5 |
| 700424                                         | V4A; AISI 316 | Ø 42,4                       | 40 | 50 | 26 | 16 | 37,5 |
| 700483                                         | V4A; AISI 316 | Ø 48,3                       | 40 | 50 | 26 | 16 | 37,5 |

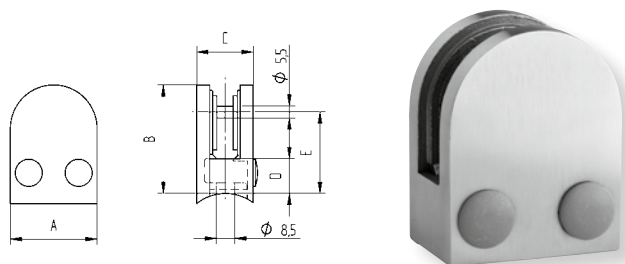
| Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma |            |  |  |  |  |  |  |
|-----------------------------------------------------------------------|------------|--|--|--|--|--|--|
| #                                                                     | Glasstärke |  |  |  |  |  |  |
| 710876                                                                | 8,76       |  |  |  |  |  |  |

halbrund, mit Sicherungsstift und Gummieinlagen für 6, 8 und 10 mm Stärke  
with security pin, rubber inserts for 6, 8 and 10 mm glass thickness / demi-ronde, avec téton de sécurité et butées caoutchouc pour épaisseur de 6, 8 et 10 mm /  
con perno di sicurezza e inserti di gomma per 6, 8 e 10 mm di spessore

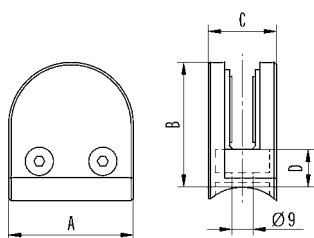


| #                                              | Material      | Rohranschluss                | A  | B  | C  | D  | E    |
|------------------------------------------------|---------------|------------------------------|----|----|----|----|------|
| geschliffen / satin finish / brossé / satinato |               |                              |    |    |    |    |      |
| 777000                                         | V2A; AISI 304 | gerade/ flat / plat / dritto | 40 | 50 | 26 | 16 | 37,5 |
| 777337                                         | V2A; AISI 304 | Ø 33,7                       | 40 | 50 | 26 | 16 | 37,5 |
| 777424                                         | V2A; AISI 304 | Ø 42,4                       | 40 | 50 | 26 | 16 | 37,5 |
| 777483                                         | V2A; AISI 304 | Ø 48,3                       | 40 | 50 | 26 | 16 | 37,5 |

| Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma |            |           |            |  |  |  |  |
|-----------------------------------------------------------------------|------------|-----------|------------|--|--|--|--|
| #                                                                     | Glasstärke | #         | Glasstärke |  |  |  |  |
| 990600                                                                | 6,00 mm    | 990876 mm | 8,76       |  |  |  |  |
| 990800                                                                | 8,00 mm    | 991000 mm | 10,00      |  |  |  |  |



mit Sicherungsstift,  
with securing pin, avec téton de sécurité, con perno di sicurezza,

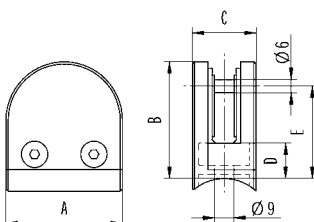


| #                                                                                    | Material      | Rohranschluss                 | A  | B  | C  | D    |
|--------------------------------------------------------------------------------------|---------------|-------------------------------|----|----|----|------|
| hochglanz vergoldet / mirror polished gold platet / poli miroir doré / dorato lucido |               |                               |    |    |    |      |
| CN6270000                                                                            | V4A; AISI 316 | gerade / flat / plat / dritto | 38 | 49 | 25 | 16,5 |
| CN6270337                                                                            | V4A; AISI 316 | Ø 33,7                        | 38 | 49 | 25 | 16,5 |
| CN6270424                                                                            | V4A; AISI 316 | Ø 42,4                        | 38 | 49 | 25 | 16,5 |

**Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma**

| #         | Glasstärke | #         | Glasstärke |
|-----------|------------|-----------|------------|
| CN6400010 | 6,00       | CN6400040 | 8,76       |
| CN6400020 | 7,52       | CN6400050 | 9,52       |
| CN6400030 | 8,00       | CN6400060 | 10,00      |

7

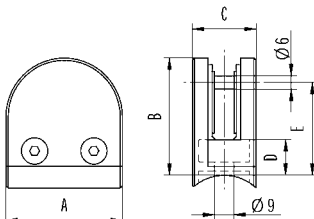


mit Sicherungsstift,  
 with securing pin, avec téton de sécurité, con perno di sicurezza,

| #                                              | Material      | Rohranschluss                 | A  | B  | C  | D  | E  |
|------------------------------------------------|---------------|-------------------------------|----|----|----|----|----|
| geschliffen / satin finish / brossé / satinato |               |                               |    |    |    |    |    |
| CN6130000                                      | V4A; AISI 316 | gerade / flat / plat / dritto | 38 | 49 | 25 | 16 | 37 |
| CN6130337                                      | V4A; AISI 316 | Ø 33,7                        | 38 | 49 | 25 | 16 | 37 |
| CN6130424                                      | V4A; AISI 316 | Ø 42,4                        | 38 | 49 | 25 | 16 | 37 |

**Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma**

| #         | Glasstärke | #         | Glasstärke |
|-----------|------------|-----------|------------|
| CN6400010 | 6,00       | CN6400040 | 8,76       |
| CN6400020 | 7,52       | CN6400050 | 9,52       |
| CN6400030 | 8,00       | CN6400060 | 10,00      |



mit Sicherungsstift,  
 with securing pin, avec téton de sécurité, con perno di sicurezza,

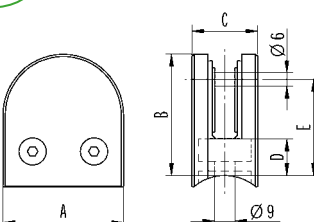
| #                                                                                    | Material      | Rohranschluss                 | A  | B  | C  | D  | E  |
|--------------------------------------------------------------------------------------|---------------|-------------------------------|----|----|----|----|----|
| hochglanz vergoldet / mirror polished gold platet / poli miroir doré / dorato lucido |               |                               |    |    |    |    |    |
| CN6250000                                                                            | V4A; AISI 316 | gerade / flat / plat / dritto | 38 | 49 | 25 | 16 | 37 |
| CN6250337                                                                            | V4A; AISI 316 | Ø 33,7                        | 38 | 49 | 25 | 16 | 37 |
| CN6250381                                                                            | V4A; AISI 316 | Ø 38,1                        | 38 | 49 | 25 | 16 | 37 |
| CN6250424                                                                            | V4A; AISI 316 | Ø 42,4                        | 38 | 49 | 25 | 16 | 37 |

**Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma**

| #         | Glasstärke | #         | Glasstärke |
|-----------|------------|-----------|------------|
| CN6400010 | 6,00       | CN6400040 | 8,76       |
| CN6400020 | 7,52       | CN6400050 | 9,52       |
| CN6400030 | 8,00       | CN6400060 | 10,00      |



AbZ ✓



mit Sicherungsstift,  
 with securing pin, avec téton de sécurité, con perno di sicurezza,

| #                                                     | Material | Rohranschluss                 | A  | B  | C    | D  | E  |
|-------------------------------------------------------|----------|-------------------------------|----|----|------|----|----|
| Zinkdruckguss / zinc / Zamac / pressofusione di zinco |          |                               |    |    |      |    |    |
| CN6030000                                             | Zink     | gerade / flat / plat / dritto | 45 | 64 | 27,5 | 16 | 49 |
| CN6030424                                             | Zink     | Ø 42,4                        | 45 | 64 | 27,5 | 16 | 49 |
| CN6030483                                             | Zink     | Ø 48,3                        | 45 | 64 | 27,5 | 16 | 49 |

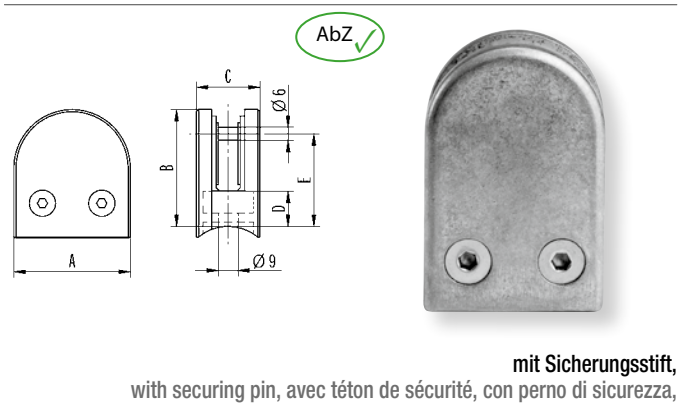
**Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma**

| #         | Glasstärke | #         | Glasstärke |
|-----------|------------|-----------|------------|
| CN6400510 | 6,00       | CN6400540 | 8,76       |
| CN6400520 | 7,52       | CN6400550 | 9,52       |
| CN6400530 | 8,00       | CN6400560 | 10,00      |



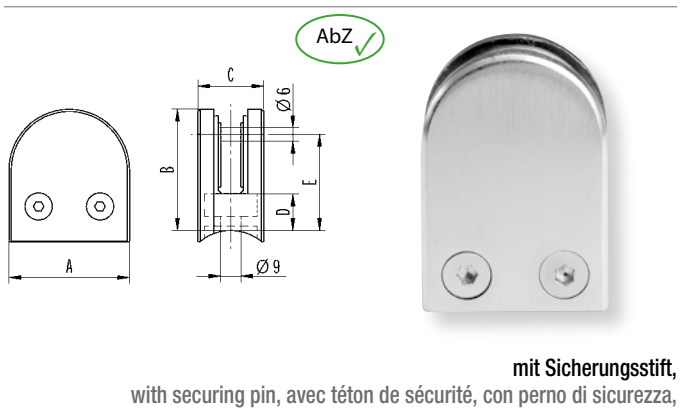
| #                                                     | Material | Rohranschluss                | A  | B  | C  | D  | E  |
|-------------------------------------------------------|----------|------------------------------|----|----|----|----|----|
| Zinkdruckguss / zinc / Zamac / pressofusione di zinco |          |                              |    |    |    |    |    |
| CN6040000                                             | Zink     | gerade/ flat / plat / dritto | 45 | 63 | 30 | 16 | 49 |
| CN6040424                                             | Zink     | Ø 42,4                       | 45 | 63 | 30 | 16 | 49 |
| CN6040483                                             | Zink     | Ø 48,3                       | 45 | 63 | 30 | 16 | 49 |

| #         | Glasstärke | #         | Glasstärke |
|-----------|------------|-----------|------------|
| CN6400410 | 10,76      | CN6400430 | 12,00      |
| CN6400420 | 11,52      | CN6400440 | 12,76      |



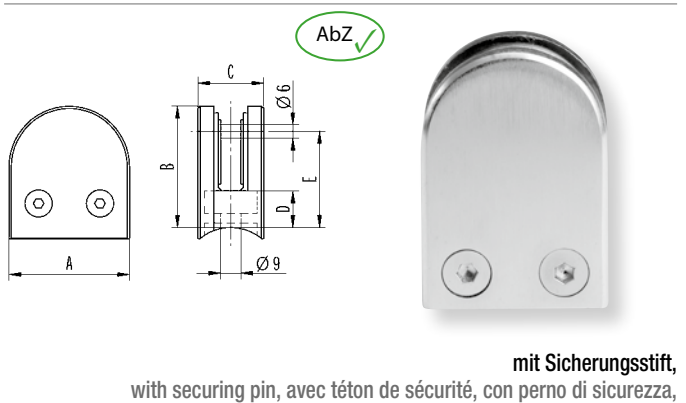
| #                                                                                                                                 | Material | Rohranschluss                | A  | B  | C    | D  | E  |
|-----------------------------------------------------------------------------------------------------------------------------------|----------|------------------------------|----|----|------|----|----|
| Zinkdruckguss, Edelstahleffekt / zinc, satin effect / Zamac, finition inox / pressofusione di zinco, effetto acciaio inossidabile |          |                              |    |    |      |    |    |
| CN6080000                                                                                                                         | Zink     | gerade/ flat / plat / dritto | 45 | 63 | 27,5 | 16 | 48 |
| CN6080337                                                                                                                         | Zink     | Ø 33,7                       | 45 | 63 | 27,5 | 16 | 48 |
| CN6080424                                                                                                                         | Zink     | Ø 42,4                       | 45 | 63 | 27,5 | 16 | 48 |
| CN6080483                                                                                                                         | Zink     | Ø 48,3                       | 45 | 63 | 27,5 | 16 | 48 |

| #         | Glasstärke | #         | Glasstärke |
|-----------|------------|-----------|------------|
| CN6400510 | 6,00       | CN6400540 | 8,76       |
| CN6400520 | 7,52       | CN6400550 | 9,52       |
| CN6400530 | 8,00       | CN6400560 | 10,00      |



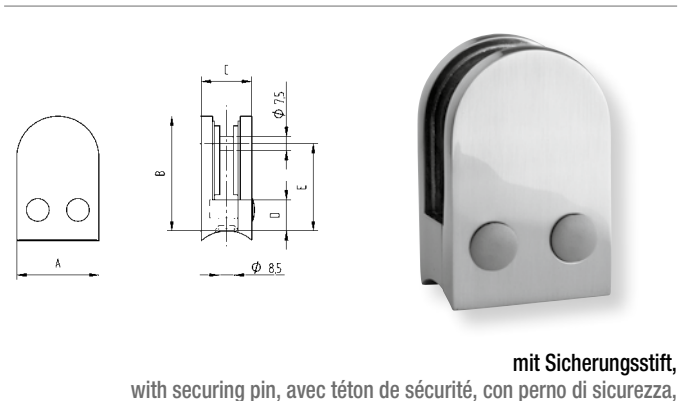
| #                                                                                                                                  | Material | Rohranschluss                | A  | B  | C  | D  | E  |
|------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------------|----|----|----|----|----|
| Zinkdruckguss, Edelstahleffekt / Zamac, satin effect / Zamac, finition inox / pressofusione di zinco, effetto acciaio inossidabile |          |                              |    |    |    |    |    |
| CN6090000                                                                                                                          | Zink     | gerade/ flat / plat / dritto | 45 | 63 | 30 | 16 | 48 |
| CN6090424                                                                                                                          | Zink     | Ø 42,4                       | 45 | 63 | 30 | 16 | 48 |
| CN6090483                                                                                                                          | Zink     | Ø 48,3                       | 45 | 63 | 30 | 16 | 48 |

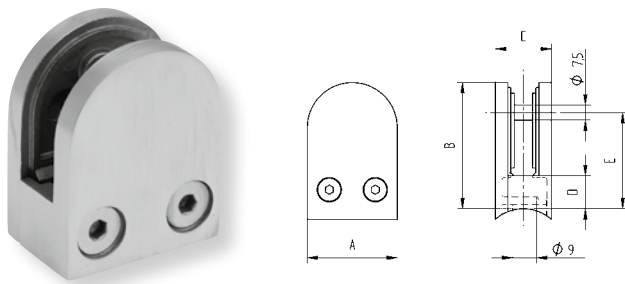
| #         | Glasstärke | #         | Glasstärke |
|-----------|------------|-----------|------------|
| CN6400410 | 10,76      | CN6400430 | 12,00      |
| CN6400420 | 11,52      | CN6400440 | 12,76      |



| #                                                                                                                                                     | Material | Rohranschluss                | A  | B  | C  | D  | E  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------------|----|----|----|----|----|
| Zinkdruckguss-Edlestahleffekt / Zamac, satin effect / zinc moulé par injection – finition inox / pressofusione di zinco, effetto acciaio inossidabile |          |                              |    |    |    |    |    |
| 699000                                                                                                                                                | Zink     | gerade/ flat / plat / dritto | 45 | 63 | 28 | 17 | 48 |
| 699337                                                                                                                                                | Zink     | Ø 33,7                       | 45 | 63 | 28 | 17 | 48 |
| 699424                                                                                                                                                | Zink     | Ø 42,4                       | 45 | 63 | 28 | 17 | 48 |
| 699483                                                                                                                                                | Zink     | Ø 48,3                       | 45 | 63 | 28 | 17 | 48 |

| #      | Glasstärke | #      | Glasstärke |
|--------|------------|--------|------------|
| 970600 | 6,00       | 971000 | 10,00      |
| 970800 | 8,00       | 971076 | 10,76      |
| 970876 | 8,76       | 971152 | 11,52      |





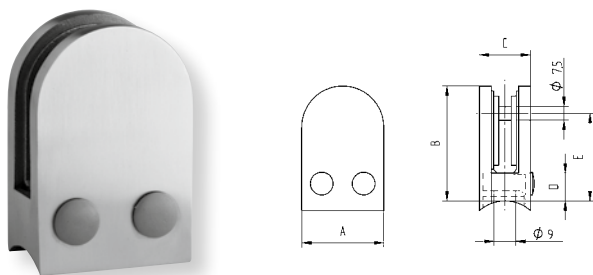
halbrund, mit Sicherungsstift und Gummieinlagen für 6, 8 und 10 mm Stärke

with security pin, rubber inserts for 6, 8 and 10 mm glass thickness / demi-ronde, avec téton de sécurité et butées caoutchouc pour épaisseur de 6, 8 et 10 mm / con perno di sicurezza e inserti di gomma per 6, 8 e 10 mm di spessore

| #                                              | Material      | Rohranschluss                 | A  | B  | C  | D  | E  |
|------------------------------------------------|---------------|-------------------------------|----|----|----|----|----|
| geschliffen / satin finish / brossé / satinato |               |                               |    |    |    |    |    |
| 800000                                         | V2A; AISI 304 | gerade / flat / plat / dritto | 45 | 63 | 28 | 16 | 48 |
| 800424                                         | V2A; AISI 304 | Ø 42,4                        | 45 | 63 | 28 | 16 | 48 |
| 800483                                         | V2A; AISI 304 | Ø 48,3                        | 45 | 63 | 28 | 16 | 48 |

| Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma |            |  |  |  |  |  |  |
|-----------------------------------------------------------------------|------------|--|--|--|--|--|--|
| #                                                                     | Glasstärke |  |  |  |  |  |  |
| 810876                                                                | 8,76       |  |  |  |  |  |  |

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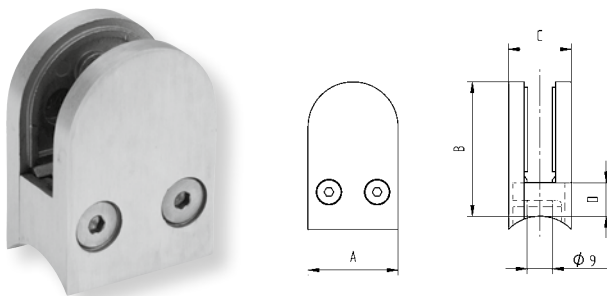
mit Sicherungsstift,

with securing pin, avec téton de sécurité, con perno di sicurezza,

| #                                              | Material      | Rohranschluss                 | A  | B  | C  | D  | E  |
|------------------------------------------------|---------------|-------------------------------|----|----|----|----|----|
| geschliffen / satin finish / brossé / satinato |               |                               |    |    |    |    |    |
| 788000                                         | V2A; AISI 304 | gerade / flat / plat / dritto | 45 | 63 | 28 | 15 | 48 |
| 788337                                         | V2A; AISI 304 | Ø 33,7                        | 45 | 63 | 28 | 15 | 48 |
| 788424                                         | V2A; AISI 304 | Ø 42,4                        | 45 | 63 | 28 | 15 | 48 |
| 788483                                         | V2A; AISI 304 | Ø 48,3                        | 45 | 63 | 28 | 15 | 48 |

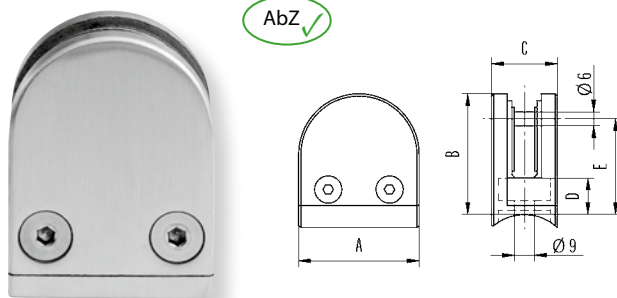
| Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma |            |  |  |        |            |  |  |
|-----------------------------------------------------------------------|------------|--|--|--------|------------|--|--|
| #                                                                     | Glasstärke |  |  | #      | Glasstärke |  |  |
| 970600                                                                | 6,00       |  |  | 971000 | 10,00      |  |  |
| 970800                                                                | 8,00       |  |  | 971076 | 10,76      |  |  |
| 970876                                                                | 8,76       |  |  | 971152 | 11,52      |  |  |

NEW



| #                                              | Material      | Rohranschluss                 | A  | B  | C  | D  |
|------------------------------------------------|---------------|-------------------------------|----|----|----|----|
| geschliffen / satin finish / brossé / satinato |               |                               |    |    |    |    |
| 789000                                         | V2A; AISI 304 | gerade / flat / plat / dritto | 43 | 64 | 26 | 16 |
| 789424                                         | V2A; AISI 304 | Ø 42,4                        | 43 | 64 | 26 | 16 |
| 789483                                         | V2A; AISI 304 | Ø 48,3                        | 43 | 64 | 26 | 16 |

| Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma |            |  |  |  |  |  |
|-----------------------------------------------------------------------|------------|--|--|--|--|--|
| #                                                                     | Glasstärke |  |  |  |  |  |
| 971276                                                                | 12,76      |  |  |  |  |  |



mit Sicherungsstift,

with securing pin, avec téton de sécurité, con perno di sicurezza,

| #                                              | Material      | Rohranschluss                 | A  | B  | C  | D  | E    |
|------------------------------------------------|---------------|-------------------------------|----|----|----|----|------|
| geschliffen / satin finish / brossé / satinato |               |                               |    |    |    |    |      |
| CN6140000                                      | V4A; AISI 316 | gerade / flat / plat / dritto | 43 | 59 | 26 | 16 | 45,3 |
| CN6140424                                      | V4A; AISI 316 | 42,4                          | 43 | 59 | 26 | 16 | 45,3 |
| CN6140483                                      | V4A; AISI 316 | 48,3                          | 43 | 59 | 26 | 16 | 45,3 |

| Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma |            |  |  |           |            |  |  |
|-----------------------------------------------------------------------|------------|--|--|-----------|------------|--|--|
| #                                                                     | Glasstärke |  |  | #         | Glasstärke |  |  |
| CN6400510                                                             | 6,00       |  |  | CN6400540 | 8,76       |  |  |
| CN6400520                                                             | 7,52       |  |  | CN6400550 | 9,52       |  |  |
| CN6400530                                                             | 8,00       |  |  | CN6400560 | 10,00      |  |  |

| #                                              | Material      | Rohranschluss               | A  | B  | C  | D  | E    |
|------------------------------------------------|---------------|-----------------------------|----|----|----|----|------|
| geschliffen / satin finish / brossé / satinato |               |                             |    |    |    |    |      |
| CN6150000                                      | V4A; AISI 316 | gerade/flat/<br>plat/dritto | 43 | 59 | 29 | 16 | 46,5 |
| CN6150424                                      | V4A; AISI 316 | Ø 42,4                      | 43 | 59 | 29 | 16 | 46,5 |
| CN6150483                                      | V4A; AISI 316 | Ø 48,3                      | 43 | 59 | 29 | 16 | 46,5 |

| Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma |            |  |  |  |  |  |  |
|-----------------------------------------------------------------------|------------|--|--|--|--|--|--|
| #                                                                     | Glasstärke |  |  |  |  |  |  |
| CN6400610                                                             | 10,76      |  |  |  |  |  |  |
| CN6400620                                                             | 11,52      |  |  |  |  |  |  |
| CN6400630                                                             | 12,00      |  |  |  |  |  |  |

| #                                              | Material      | Rohranschluss               | A  | B  | C  | D    | E    |
|------------------------------------------------|---------------|-----------------------------|----|----|----|------|------|
| geschliffen / satin finish / brossé / satinato |               |                             |    |    |    |      |      |
| CN6160000                                      | V4A; AISI 316 | gerade/flat/<br>plat/dritto | 54 | 60 | 33 | 16,5 | 47,5 |
| CN6160337                                      | V4A; AISI 316 | Ø 33,7                      | 54 | 60 | 33 | 16,5 | 47,5 |
| CN6160424                                      | V4A; AISI 316 | Ø 42,4                      | 54 | 60 | 33 | 16,5 | 47,5 |
| CN6160483                                      | V4A; AISI 316 | Ø 48,3                      | 54 | 60 | 33 | 16,5 | 47,5 |
| CN6160603                                      | V4A; AISI 316 | Ø 60,3                      | 54 | 60 | 33 | 16,5 | 47,5 |

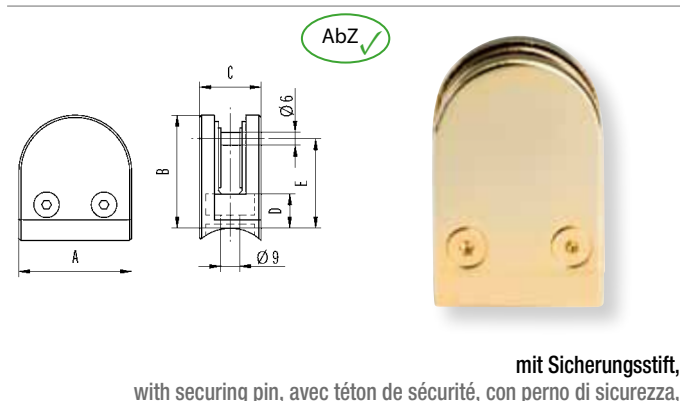
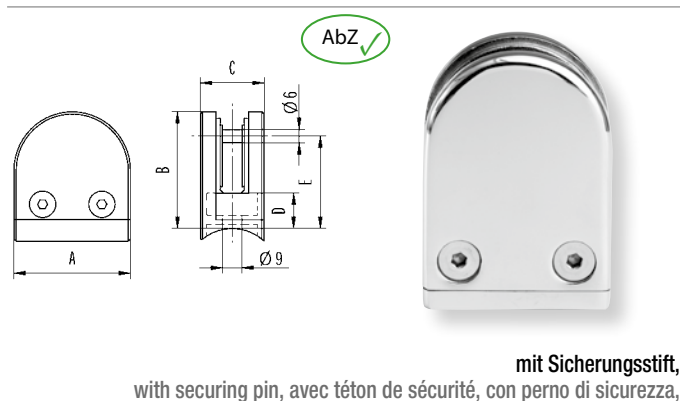
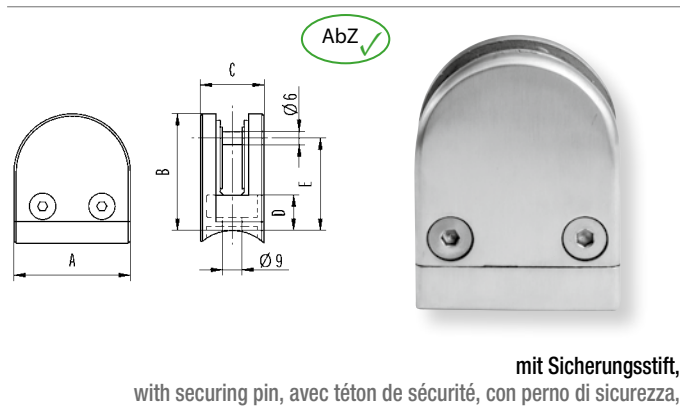
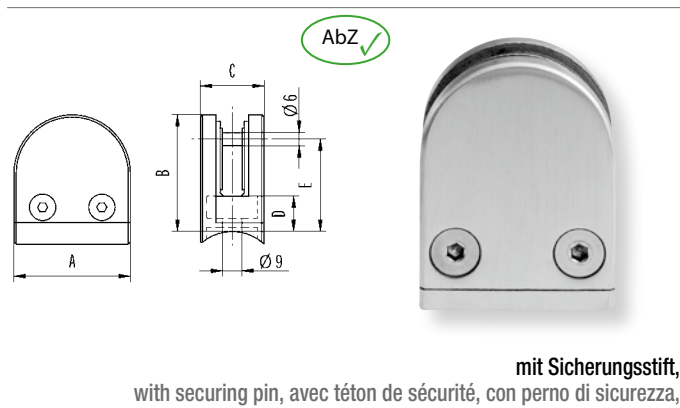
| Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma |            |           |            |  |  |  |  |
|-----------------------------------------------------------------------|------------|-----------|------------|--|--|--|--|
| #                                                                     | Glasstärke | #         | Glasstärke |  |  |  |  |
| CN6400710                                                             | 10,76      | CN6400730 | 12,00      |  |  |  |  |
| CN6400720                                                             | 11,52      | CN6400740 | 12,76      |  |  |  |  |

| #                                                                   | Material      | Rohranschluss               | A  | B  | C  | D  | E    |
|---------------------------------------------------------------------|---------------|-----------------------------|----|----|----|----|------|
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |                             |    |    |    |    |      |
| CN6260000                                                           | V4A; AISI 316 | gerade/flat/<br>plat/dritto | 43 | 59 | 26 | 16 | 45,3 |
| CN6260381                                                           | V4A; AISI 316 | Ø 38,1                      | 43 | 59 | 26 | 16 | 45,3 |
| CN6260424                                                           | V4A; AISI 316 | Ø 42,4                      | 43 | 59 | 26 | 16 | 45,3 |
| CN6260483                                                           | V4A; AISI 316 | Ø 48,3                      | 43 | 59 | 26 | 16 | 45,3 |
| CN6260508                                                           | V4A; AISI 316 | Ø 50,8                      | 43 | 59 | 26 | 16 | 45,3 |

| Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma |            |           |            |  |  |  |  |
|-----------------------------------------------------------------------|------------|-----------|------------|--|--|--|--|
| #                                                                     | Glasstärke | #         | Glasstärke |  |  |  |  |
| CN6400510                                                             | 6,00       | CN6400540 | 8,76       |  |  |  |  |
| CN6400520                                                             | 7,52       | CN6400550 | 9,52       |  |  |  |  |
| CN6400530                                                             | 8,00       | CN6400560 | 10,00      |  |  |  |  |

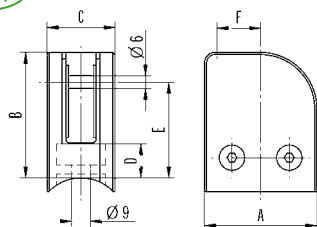
| #                                                                                    | Material      | Rohranschluss | A  | B  | C  | D  |
|--------------------------------------------------------------------------------------|---------------|---------------|----|----|----|----|
| hochglanz vergoldet / mirror polished gold platet / poli miroir doré / dorato lucido |               |               |    |    |    |    |
| CN6280424                                                                            | V4A; AISI 316 | 42,4          | 43 | 59 | 26 | 17 |

| Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma |            |           |            |  |  |  |  |
|-----------------------------------------------------------------------|------------|-----------|------------|--|--|--|--|
| #                                                                     | Glasstärke | #         | Glasstärke |  |  |  |  |
| CN6400510                                                             | 6,00       | CN6400540 | 8,76       |  |  |  |  |
| CN6400520                                                             | 7,52       | CN6400550 | 9,52       |  |  |  |  |
| CN6400530                                                             | 8,00       | CN6400560 | 10,00      |  |  |  |  |





AbZ ✓



mit Sicherungsstift,  
with securing pin, avec téton de sécurité, con sperno di sicurezza,

| #                                                                                                                                 | Material | Rohranschluss                             | A  | B  | C  | D  | E  | F  |
|-----------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------------------|----|----|----|----|----|----|
| Zinkdruckguss, Edelstahleffekt / zinc, satin effect / Zamac, finition inox / pressofusione di zinco, effetto acciaio inossidabile |          |                                           |    |    |    |    |    |    |
| CN6101424                                                                                                                         | Zink     | Ø 42,4 links / left / gauche / a sinistra | 53 | 60 | 29 | 16 | 45 | 22 |
| CN6102424                                                                                                                         | Zink     | Ø 42,4 rechts / right / droite / a destra | 53 | 60 | 29 | 16 | 45 | 22 |

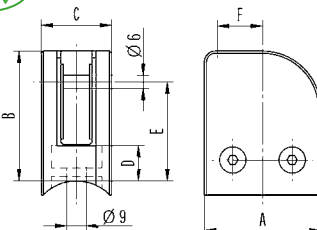
## Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma

| #         | Glasstärke | #         | Glasstärke |
|-----------|------------|-----------|------------|
| CN6450410 | 6,00       | CN6450440 | 8,76       |
| CN6450420 | 7,52       | CN6450450 | 9,52       |
| CN6450430 | 8,00       | CN6450460 | 10,00      |

7



AbZ ✓



mit Sicherungsstift,  
with securing pin, avec téton de sécurité, con perno di sicurezza,

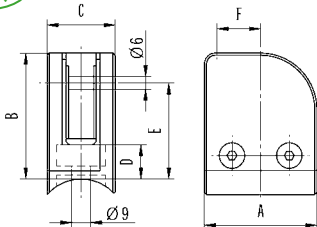
| #                                                                                                                                 | Material | Rohranschluss                             | A  | B  | C  | D  | E  | F  |
|-----------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------------------|----|----|----|----|----|----|
| Zinkdruckguss, Edelstahleffekt / zinc, satin effect / Zamac, finition inox / pressofusione di zinco, effetto acciaio inossidabile |          |                                           |    |    |    |    |    |    |
| CN6103424                                                                                                                         | Zink     | Ø 42,4 links / left / gauche / a sinistra | 53 | 60 | 32 | 16 | 45 | 22 |
| CN6104424                                                                                                                         | Zink     | Ø 42,4 rechts / right / droite / a destra | 53 | 60 | 32 | 16 | 45 | 22 |

## Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma

| #         | Glasstärke | #         | Glasstärke |
|-----------|------------|-----------|------------|
| CN6450110 | 10,76      | CN6450130 | 12,00      |
| CN6450120 | 11,52      | CN6450140 | 12,76      |



AbZ ✓



mit Sicherungsstift,  
with securing pin, avec téton de sécurité, con perno di sicurezza,

| #                                              | Material      | Rohranschluss                                                       | A  | B  | C  | D  | E  | F    |
|------------------------------------------------|---------------|---------------------------------------------------------------------|----|----|----|----|----|------|
| geschliffen / satin finish / brossé / satinato |               |                                                                     |    |    |    |    |    |      |
| CN6171424                                      | V4A; AISI 316 | Ø 42,4 links / left / gauche / a sinistra                           | 53 | 60 | 28 | 16 | 45 | 19,5 |
| CN6172424                                      | V4A; AISI 316 | Ø 42,4 rechts / right / droite / a destra                           | 53 | 60 | 28 | 16 | 45 | 19,5 |
| CN6173483                                      | V4A; AISI 316 | Ø 48,3 links / left / gauche / a sinistra                           | 53 | 60 | 28 | 16 | 45 | 19,5 |
| CN6174483                                      | V4A; AISI 316 | Ø 48,3 rechts / right / droite / a destra                           | 53 | 60 | 28 | 16 | 45 | 19,5 |
| CN6175000                                      | V4A; AISI 316 | gerade / flat / plat / dritto<br>links / left / gauche / a sinistra | 53 | 60 | 28 | 16 | 45 | 19,5 |
| CN6176000                                      | V4A; AISI 316 | gerade / flat / plat / dritto<br>rechts / right / droite / a destra | 53 | 60 | 28 | 16 | 45 | 19,5 |

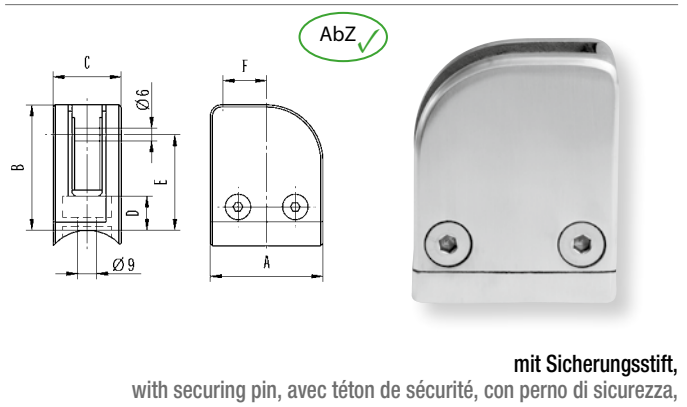
## Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma

| #         | Glasstärke | #         | Glasstärke |
|-----------|------------|-----------|------------|
| CN6450410 | 6,00       | CN6450440 | 8,76       |
| CN6450420 | 7,52       | CN6450450 | 9,52       |
| CN6450430 | 8,00       | CN6450460 | 10,00      |

| #                                              | Material      | Rohranschluss                                                                | A  | B  | C  | D    | E  | F    |
|------------------------------------------------|---------------|------------------------------------------------------------------------------|----|----|----|------|----|------|
| geschliffen / satin finish / brossé / satinato |               |                                                                              |    |    |    |      |    |      |
| CN6181424                                      | V4A; AISI 316 | 42,4 links /<br>left / gauche /<br>a sinistra                                | 53 | 60 | 28 | 16,5 | 45 | 18,5 |
| CN6182424                                      | V4A; AISI 316 | 42,4 rechts /<br>right / droite /<br>a destra                                | 53 | 60 | 28 | 16,5 | 45 | 18,5 |
| CN6183483                                      | V4A; AISI 316 | 48,3 links /<br>left / gauche /<br>a sinistra                                | 53 | 60 | 28 | 16,5 | 45 | 18,5 |
| CN6184483                                      | V4A; AISI 316 | 48,3 rechts /<br>right / droite /<br>a destra                                | 53 | 60 | 28 | 16,5 | 45 | 18,5 |
| CN6185000                                      | V4A; AISI 316 | gerade / flat /<br>plat / dritto<br>links / left /<br>gauche /<br>a sinistra | 53 | 60 | 28 | 16,5 | 45 | 18,5 |
| CN6186000                                      | V4A; AISI 316 | gerade / flat /<br>plat / dritto<br>rechts / right /<br>droite /<br>a destra | 53 | 60 | 28 | 16,5 | 45 | 18,5 |

**Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma**

| #         | Glasstärke | #         | Glasstärke |
|-----------|------------|-----------|------------|
| CN6450310 | 8,76       | CN6450330 | 10,00      |
| CN6450320 | 9,52       | CN6450340 | 10,76      |

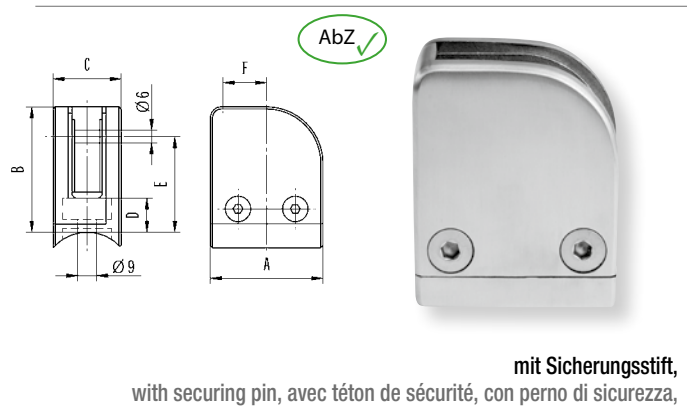


7

| #                                              | Material      | Rohranschluss                                                                | A  | B  | C  | D    | E  | F    |
|------------------------------------------------|---------------|------------------------------------------------------------------------------|----|----|----|------|----|------|
| geschliffen / satin finish / brossé / satinato |               |                                                                              |    |    |    |      |    |      |
| CN6191424                                      | V4A; AISI 316 | Ø 42,4 links /<br>left / gauche /<br>a sinistra                              | 53 | 60 | 31 | 16,5 | 45 | 18,5 |
| CN6192424                                      | V4A; AISI 316 | Ø 42,4 rechts /<br>right / droite /<br>a destra                              | 53 | 60 | 31 | 16,5 | 45 | 18,5 |
| CN6193483                                      | V4A; AISI 316 | Ø 48,3 links /<br>left / gauche /<br>a sinistra                              | 53 | 60 | 31 | 16,5 | 45 | 18,5 |
| CN6194483                                      | V4A; AISI 316 | Ø 48,3 rechts /<br>right / droite /<br>a destra                              | 53 | 60 | 31 | 16,5 | 45 | 18,5 |
| CN6195000                                      | V4A; AISI 316 | gerade / flat /<br>plat / dritto<br>links / left /<br>gauche /<br>a sinistra | 53 | 60 | 31 | 16,5 | 45 | 18,5 |
| CN6196000                                      | V4A; AISI 316 | gerade / flat /<br>plat / dritto<br>rechts / right /<br>droite /<br>a destra | 53 | 60 | 31 | 16,5 | 45 | 18,5 |

**Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma**

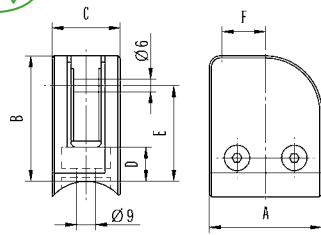
| #         | Glasstärke | #         | Glasstärke |
|-----------|------------|-----------|------------|
| CN6450110 | 10,76      | CN6450130 | 12,00      |
| CN6450120 | 11,52      | CN6450140 | 12,76      |



NEW



AbZ ✓



mit Sicherungsstift,  
with securing pin, avec téton de sécurité, con perno di sicurezza,

7

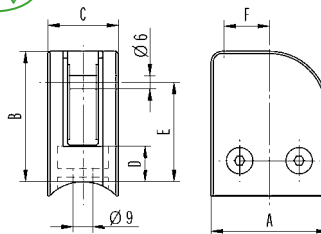
| #                                              | Material      | Rohranschluss                                                             | A  | B  | C  | D  | E  | F  |
|------------------------------------------------|---------------|---------------------------------------------------------------------------|----|----|----|----|----|----|
| geschliffen / satin finish / brossé / satinato |               |                                                                           |    |    |    |    |    |    |
| CN6201424                                      | V4A; AISI 316 | Ø 42,4 links /<br>left / gauche /<br>a sinistra                           | 53 | 60 | 34 | 16 | 44 | 21 |
| CN6202424                                      | V4A; AISI 316 | Ø 42,4 rechts /<br>right / droite /<br>a destra                           | 53 | 60 | 34 | 16 | 44 | 21 |
| CN6203483                                      | V4A; AISI 316 | Ø 48,3 links /<br>left / gauche /<br>a sinistra                           | 53 | 60 | 34 | 16 | 44 | 21 |
| CN6204483                                      | V4A; AISI 316 | Ø 48,3 rechts /<br>right / droite /<br>a destra                           | 53 | 60 | 34 | 16 | 44 | 21 |
| CN6205603                                      | V4A; AISI 316 | Ø 60,3 links /<br>left / gauche /<br>a sinistra                           | 53 | 60 | 34 | 16 | 44 | 21 |
| CN6206603                                      | V4A; AISI 316 | Ø 60,3 rechts /<br>right / droite /<br>a destra                           | 53 | 60 | 34 | 16 | 44 | 21 |
| CN6207000                                      | V4A; AISI 316 | gerade /<br>flat / plat / dritto<br>links / left /<br>gauche /            | 53 | 60 | 34 | 16 | 44 | 21 |
| CN6208000                                      | V4A; AISI 316 | gerade /<br>flat / plat / dritto<br>rechts / right /<br>droite / a destra | 53 | 60 | 34 | 16 | 44 | 21 |

## Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma

| #         | Glasstärke |
|-----------|------------|
| CN6450220 | 13,52      |
| CN6450210 | 16,76      |



AbZ ✓



mit Sicherungsstift,  
with securing pin, avec téton de sécurité, con perno di sicurezza,

| #                                              | Material      | Rohranschluss                                                             | A  | B  | C     | D  | E  | F    |
|------------------------------------------------|---------------|---------------------------------------------------------------------------|----|----|-------|----|----|------|
| geschliffen / satin finish / brossé / satinato |               |                                                                           |    |    |       |    |    |      |
| CN6321000                                      | V4A; AISI 316 | gerade /<br>flat / plat / dritto<br>links / left /<br>gauche / a sinistra | 70 | 70 | 37,52 | 16 | 57 | 28,5 |
| CN6323483                                      | V4A; AISI 316 | Ø 48,3 links /<br>left / gauche /<br>a sinistra                           | 70 | 70 | 37,52 | 16 | 57 | 28,5 |
| CN6325603                                      | V4A; AISI 316 | Ø 60,3 links /<br>left / gauche /<br>a sinistra                           | 70 | 70 | 37,52 | 16 | 57 | 28,5 |
| CN6322000                                      | V4A; AISI 316 | gerade / flat /<br>plat / dritto<br>links / left /<br>gauche / a sinistra | 70 | 70 | 37,52 | 16 | 57 | 28,5 |
| CN6324483                                      | V4A; AISI 316 | Ø 48,3 rechts /<br>right / droite /<br>a destra                           | 70 | 70 | 37,52 | 16 | 57 | 28,5 |
| CN6326603                                      | V4A; AISI 316 | Ø 60,3 rechts /<br>right / droite /<br>a destra                           | 70 | 70 | 37,52 | 16 | 57 | 28,5 |

## Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma

| #         | Glasstärke |
|-----------|------------|
| CN6450810 | 13,52      |
| CN6450820 | 16,76      |
| CN6450830 | 17,52      |



NEW

| #                                              | Material      | Rohranschluss                 |
|------------------------------------------------|---------------|-------------------------------|
| geschliffen / satin finish / brossé / satinato |               |                               |
| 855000                                         | V2A; AISI 304 | gerade / flat / plat / dritto |
| 855424                                         | V2A; AISI 304 | Ø 42,4                        |
| 855483                                         | V2A; AISI 304 | Ø 48,3                        |

Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma

| #      | Glasstärke | #      | Glasstärke |
|--------|------------|--------|------------|
| 860800 | 8,00       | 861152 | 11,52      |
| 860876 | 8,76       | 861200 | 12,00      |
| 861000 | 10,00      | 861276 | 12,76      |
| 861076 | 10,76      |        |            |

mit Sicherungsplatte und Sicherungsstift

with securing plate and securing pin / avec platine et téton de sécurité / con piastra e perno di sicurezza

| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 855995                                         | V2A; AISI 304 |

Sicherungsstift

securing pin, téton de sécurité, perno di sicurezza

| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 855990                                         | V2A; AISI 304 |

Sicherungsplatte

securing plate, platine de sécurité, piastra di sicurezza

| #                                              | Material      | Rohranschluss                 |
|------------------------------------------------|---------------|-------------------------------|
| geschliffen / satin finish / brossé / satinato |               |                               |
| 870000                                         | V2A; AISI 304 | gerade / flat / plat / dritto |
| 870424                                         | V2A; AISI 304 | Ø 42,4                        |
| 870483                                         | V2A; AISI 304 | Ø 48,3                        |
| 870603                                         | V2A; AISI 304 | Ø 60,3                        |

Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma

| #      | Glasstärke | #      | Glasstärke |
|--------|------------|--------|------------|
| 881352 | 13,52      | 881752 | 17,52      |
| 881676 | 16,76      |        |            |

mit Sicherungsplatte und Sicherungsstift

with securing plate and securing pin / avec platine et téton de sécurité / con piastra e perno di sicurezza

| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 870995                                         | V2A; AISI 304 |

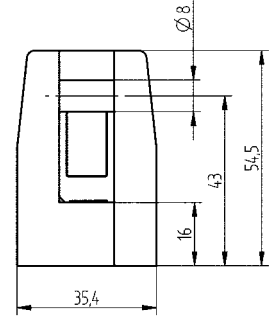
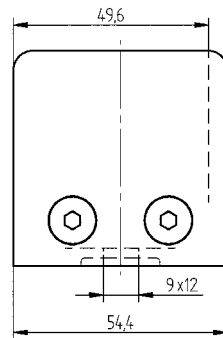
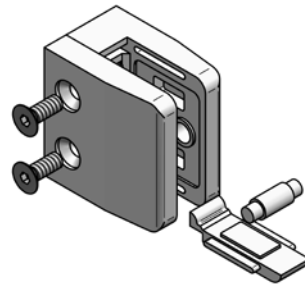
Sicherungsstift

securing pin, téton de sécurité, perno di sicurezza

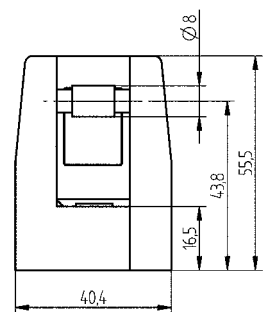
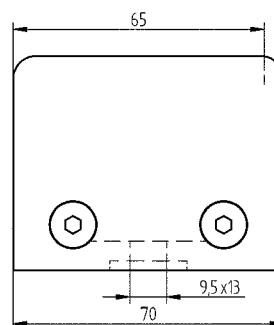
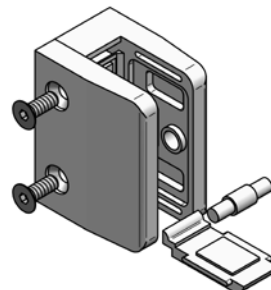
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 870990                                         | V2A; AISI 304 |

Sicherungsplatte

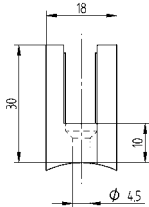
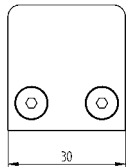
securing plate, platine de sécurité, piastra di sicurezza



7



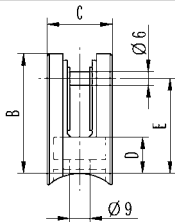
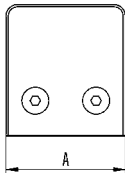
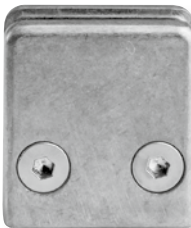
NEW



| #                                              | Material      | Rohranschluss                 | A  | B  | C  | D  |
|------------------------------------------------|---------------|-------------------------------|----|----|----|----|
| geschliffen / satin finish / brossé / satinato |               |                               |    |    |    |    |
| 660000                                         | V2A; AISI 304 | gerade / flat / plat / dritto | 30 | 30 | 18 | 10 |
| 660337                                         | V2A; AISI 304 | Ø 33,7                        | 30 | 30 | 18 | 10 |
| 660424                                         | V2A; AISI 304 | Ø 42,4                        | 30 | 30 | 18 | 10 |

**eckig, mit Gummieinlagen für 4, 6 und 8 mm Stärke**  
 rubber inserts for 4, 6 and 8 mm glass thickness / carrée, avec butées caoutchouc pour épaisseur de 4, 6 et 8 mm / con spina di sicurezza e inserti di gomma per 4,6 e 8 mm di spessore

7



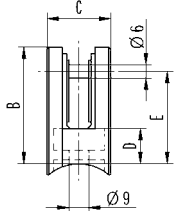
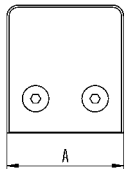
| #                                                     | Material | Rohranschluss                 | A  | B  | C  | D  | E  |
|-------------------------------------------------------|----------|-------------------------------|----|----|----|----|----|
| Zinkdruckguss / zinc / Zamac / pressofusione di zinco |          |                               |    |    |    |    |    |
| CN6000000                                             | Zink     | gerade / flat / plat / dritto | 43 | 43 | 24 | 16 | 32 |
| CN6000337                                             | Zink     | Ø 33,7                        | 43 | 43 | 24 | 16 | 32 |
| CN6000424                                             | Zink     | Ø 42,4                        | 43 | 43 | 24 | 16 | 32 |
| CN6000483                                             | Zink     | Ø 48,3                        | 43 | 43 | 24 | 16 | 32 |

| Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma |            |           |            |  |  |  |  |
|-----------------------------------------------------------------------|------------|-----------|------------|--|--|--|--|
| #                                                                     | Glasstärke | #         | Glasstärke |  |  |  |  |
| CN6400210                                                             | 6,00       | CN6400240 | 8,76       |  |  |  |  |
| CN6400220                                                             | 7,52       | CN6400250 | 9,52       |  |  |  |  |
| CN6400230                                                             | 8,00       | CN6400260 | 10,00      |  |  |  |  |

| #                                                                                                                                 | Material | Rohranschluss                 | A  | B  | C  | D  | E  |
|-----------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------|----|----|----|----|----|
| Zinkdruckguss, Edelstahleffekt / zinc, satin effect / Zamac, finition inox / pressofusione di zinco, effetto acciaio inossidabile |          |                               |    |    |    |    |    |
| CN6050000                                                                                                                         | Zink     | gerade / flat / plat / dritto | 43 | 43 | 24 | 16 | 32 |
| CN6050337                                                                                                                         | Zink     | Ø 33,7                        | 43 | 43 | 24 | 16 | 32 |
| CN6050424                                                                                                                         | Zink     | Ø 42,4                        | 43 | 43 | 24 | 16 | 32 |
| CN6050483                                                                                                                         | Zink     | Ø 48,3                        | 43 | 43 | 24 | 16 | 32 |

| Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma |            |           |            |  |  |  |  |
|-----------------------------------------------------------------------|------------|-----------|------------|--|--|--|--|
| #                                                                     | Glasstärke | #         | Glasstärke |  |  |  |  |
| CN6400210                                                             | 6,00       | CN6400240 | 8,76       |  |  |  |  |
| CN6400220                                                             | 7,52       | CN6400250 | 9,52       |  |  |  |  |
| CN6400230                                                             | 8,00       | CN6400260 | 10,00      |  |  |  |  |

mit Sicherungsstift,  
 with securing pin, avec téton de sécurité, con perno di sicurezza,

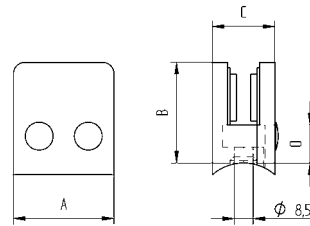


mit Sicherungsstift,  
 with securing pin, avec téton de sécurité, con perno di sicurezza,

| #                                                                                                                                                    | Material | Rohranschluss                 | A  | B  | C  | D  |
|------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------|----|----|----|----|
| Zinkdruckguss-Edelstahleffekt / zinc, satin effect / zinc moulé par injection – finition inox / pressofusione di zinco, effetto acciaio inossidabile |          |                               |    |    |    |    |
| 689000                                                                                                                                               | Zink     | gerade / flat / plat / dritto | 45 | 45 | 28 | 17 |
| 689337                                                                                                                                               | Zink     | Ø 33,7                        | 45 | 45 | 28 | 17 |
| 689424                                                                                                                                               | Zink     | Ø 42,4                        | 45 | 45 | 28 | 17 |

Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma

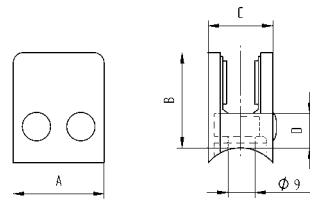
| #      | Glasstärke | #      | Glasstärke |
|--------|------------|--------|------------|
| 980600 | 6,00       | 980876 | 8,76       |
| 980800 | 8,00       | 981000 | 10,00      |



| #                                              | Material      | Rohranschluss                    | A  | B  | C  | D  |
|------------------------------------------------|---------------|----------------------------------|----|----|----|----|
| geschliffen / satin finish / brossé / satinato |               |                                  |    |    |    |    |
| 799000                                         | V2A; AISI 304 | gerade / flat /<br>plat / dritto | 45 | 47 | 32 | 17 |
| 799337                                         | V2A; AISI 304 | Ø 33,7                           | 45 | 47 | 32 | 17 |
| 799424                                         | V2A; AISI 304 | Ø 42,4                           | 45 | 47 | 32 | 17 |

Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma

| #      | Glasstärke | #      | Glasstärke |
|--------|------------|--------|------------|
| 980600 | 6,00       | 980876 | 8,76       |
| 980800 | 8,00       | 981000 | 10,00      |



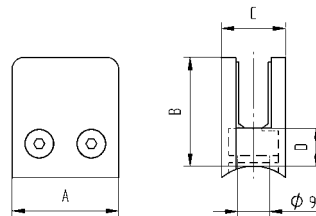
| #                                              | Material      | Rohranschluss                    | A  | B  | C  | D  |
|------------------------------------------------|---------------|----------------------------------|----|----|----|----|
| geschliffen / satin finish / brossé / satinato |               |                                  |    |    |    |    |
| 850000                                         | V2A; AISI 304 | gerade / flat /<br>plat / dritto | 45 | 46 | 27 | 16 |
| 850337                                         | V2A; AISI 304 | Ø 33,7                           | 45 | 46 | 27 | 16 |
| 850424                                         | V2A; AISI 304 | Ø 42,4                           | 45 | 46 | 27 | 16 |

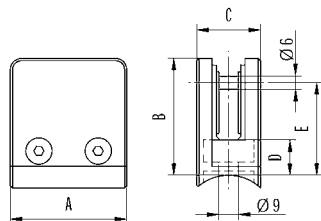
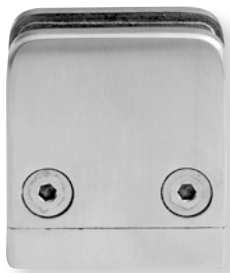
Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma

| #      | Glasstärke |
|--------|------------|
| 851876 | 8,76       |

eckig, mit Gummieinlagen für 6, 8 und 10 mm Stärke

with rubber inserts for 6, 8 and 10 mm, glass thickness / carrée, avec butées caoutchouc pour épaisseur de 6, 8 et 10 mm / con perno di sicurezza e inserti di gomma per 6, 8 e 10 mm di spessore





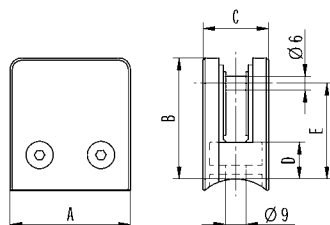
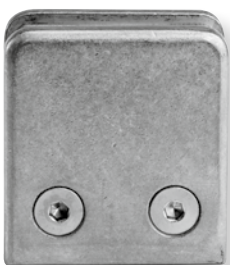
mit Sicherungsstift,  
with securing pin, avec téton de sécurité, con perno di sicurezza,

| #                                                                   | Material      | Rohranschluss                 | A  | B  | C  | D  | E    |
|---------------------------------------------------------------------|---------------|-------------------------------|----|----|----|----|------|
| geschliffen / satin finish / brossé / satinato                      |               |                               |    |    |    |    |      |
| CN6100000                                                           | V4A; AISI 316 | gerade / flat / plat / dritto | 43 | 43 | 24 | 16 | 31,5 |
| CN6100337                                                           | V4A; AISI 316 | Ø 33,7                        | 43 | 43 | 24 | 16 | 31,5 |
| CN6100424                                                           | V4A; AISI 316 | Ø 42,4                        | 43 | 43 | 24 | 16 | 31,5 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |                               |    |    |    |    |      |
| CN6330000                                                           | V4A; AISI 316 | gerade / flat / plat / dritto | 43 | 43 | 24 | 16 | 31,5 |
| CN6330337                                                           | V4A; AISI 316 | Ø 33,7                        | 43 | 43 | 24 | 16 | 31,5 |
| CN6330381                                                           | V4A; AISI 316 | Ø 38,1                        | 43 | 43 | 24 | 16 | 31,5 |
| CN6330424                                                           | V4A; AISI 316 | Ø 42,4                        | 43 | 43 | 24 | 16 | 31,5 |

#### Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma

| #         | Glasstärke | #         | Glasstärke |
|-----------|------------|-----------|------------|
| CN6400210 | 6,00       | CN6400240 | 8,76       |
| CN6400220 | 7,52       | CN6400250 | 9,52       |
| CN6400230 | 8,00       | CN6400260 | 10,00      |

7

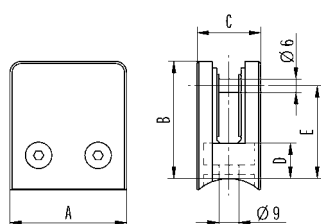


mit Sicherungsstift,  
with securing pin, avec téton de sécurité, con perno di sicurezza,

| #                                                     | Material | Rohranschluss                 | A  | B  | C  | D  | E  |
|-------------------------------------------------------|----------|-------------------------------|----|----|----|----|----|
| Zinkdruckguss / zinc / Zamac / pressofusione di zinco |          |                               |    |    |    |    |    |
| CN6010000                                             | Zink     | gerade / flat / plat / dritto | 55 | 55 | 29 | 16 | 42 |
| CN6010424                                             | Zink     | Ø 42,4                        | 55 | 55 | 29 | 16 | 42 |
| CN6010483                                             | Zink     | Ø 48,3                        | 55 | 55 | 29 | 16 | 42 |

#### Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma

| #         | Glasstärke | #         | Glasstärke |
|-----------|------------|-----------|------------|
| CN6400310 | 6,00       | CN6400340 | 8,76       |
| CN6400320 | 7,52       | CN6400350 | 9,52       |
| CN6400330 | 8,00       | CN6400360 | 10,00      |



mit Sicherungsstift,  
with securing pin, avec téton de sécurité, con perno di sicurezza,

| #                                                                                                                                 | Material | Rohranschluss                 | A  | B  | C  | D  | E  |
|-----------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------|----|----|----|----|----|
| Zinkdruckguss, Edelstahleffekt / zinc, satin effect / Zamac, finition inox / pressofusione di zinco, effetto acciaio inossidabile |          |                               |    |    |    |    |    |
| CN6060000                                                                                                                         | Zink     | gerade / flat / plat / dritto | 53 | 53 | 29 | 16 | 42 |
| CN6060337                                                                                                                         | Zink     | Ø 33,7                        | 53 | 53 | 29 | 16 | 42 |
| CN6060424                                                                                                                         | Zink     | Ø 42,4                        | 53 | 53 | 29 | 16 | 42 |

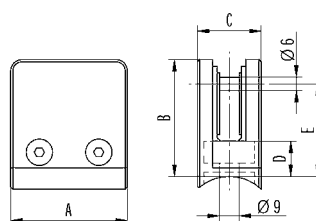
#### Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma

| #         | Glasstärke | #         | Glasstärke |
|-----------|------------|-----------|------------|
| CN6400310 | 6,00       | CN6400340 | 8,76       |
| CN6400320 | 7,52       | CN6400350 | 9,52       |
| CN6400330 | 8,00       | CN6400360 | 10,00      |

| #                                              | Material      | Rohranschluss                 | A  | B  | C  | D  | E  |
|------------------------------------------------|---------------|-------------------------------|----|----|----|----|----|
| geschliffen / satin finish / brossé / satinato |               |                               |    |    |    |    |    |
| CN6110000                                      | V4A; AISI 316 | gerade / flat / plat / dritto | 53 | 53 | 30 | 16 | 43 |
| CN6110424                                      | V4A; AISI 316 | Ø 42,4                        | 53 | 53 | 30 | 16 | 43 |

**Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma**

| #         | Glasstärke | #         | Glasstärke |
|-----------|------------|-----------|------------|
| CN6400310 | 6,00       | CN6400340 | 8,76       |
| CN6400320 | 7,52       | CN6400350 | 9,52       |
| CN6400330 | 8,00       | CN6400360 | 10,00      |



mit Sicherungsstift,  
with securing pin, avec téton de sécurité, con sperno di sicurezza,

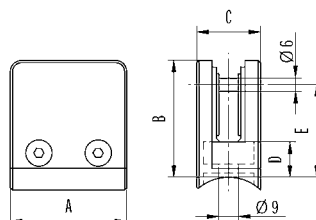
| #                                              | Material      | Rohranschluss                 | A  | B  | C  | D  | E  |
|------------------------------------------------|---------------|-------------------------------|----|----|----|----|----|
| geschliffen / satin finish / brossé / satinato |               |                               |    |    |    |    |    |
| CN6120000                                      | V4A; AISI 316 | gerade / flat / plat / dritto | 54 | 54 | 33 | 17 | 45 |
| CN6120337                                      | V4A; AISI 316 | Ø 33,7                        | 54 | 54 | 33 | 17 | 45 |
| CN6120424                                      | V4A; AISI 316 | Ø 42,4                        | 54 | 54 | 33 | 17 | 45 |
| CN6120483                                      | V4A; AISI 316 | Ø 48,3                        | 54 | 54 | 33 | 17 | 45 |
| CN6120603                                      | V4A; AISI 316 | Ø 60,3                        | 54 | 54 | 33 | 17 | 45 |

**hochglanzpoliert / mirror polished / poli miroir / lucidato a spec-**

|           |               |                               |    |    |    |    |    |
|-----------|---------------|-------------------------------|----|----|----|----|----|
| CN6340000 | V4A; AISI 316 | gerade / flat / plat / dritto | 54 | 54 | 33 | 17 | 45 |
| CN6340424 | V4A; AISI 316 | Ø 42,4                        | 54 | 54 | 33 | 17 | 45 |
| CN6340483 | V4A; AISI 316 | Ø 48,3                        | 54 | 54 | 33 | 17 | 45 |
| CN6340508 | V4A; AISI 316 | Ø 50,8                        | 54 | 54 | 33 | 17 | 45 |

**Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma**

| #         | Glasstärke | #         | Glasstärke |
|-----------|------------|-----------|------------|
| CN6400790 | 9,52       | CN6400820 | 11,52      |
| CN6400800 | 10,00      | CN6400830 | 12,00      |
| CN6400810 | 10,76      | CN6400840 | 12,76      |

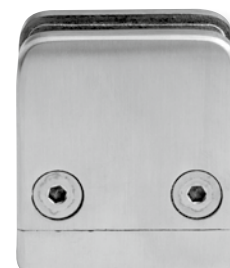
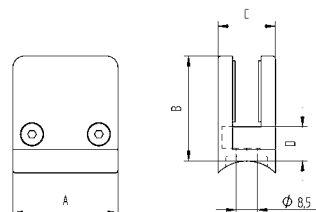


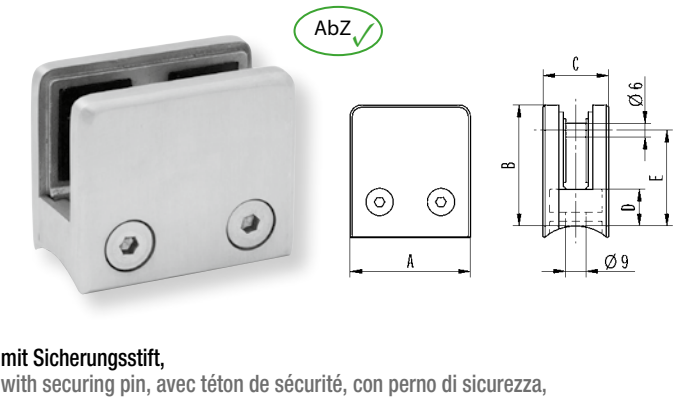
mit Sicherungsstift,  
with securing pin, avec téton de sécurité, con perno di sicurezza,

| #                                              | Material      | Rohranschluss                 | A  | B  | C  | D  |
|------------------------------------------------|---------------|-------------------------------|----|----|----|----|
| geschliffen / satin finish / brossé / satinato |               |                               |    |    |    |    |
| 795000                                         | V2A; AISI 304 | gerade / flat / plat / dritto | 55 | 55 | 30 | 18 |
| 795424                                         | V2A; AISI 304 | Ø 42,4                        | 55 | 55 | 30 | 18 |
| 795483                                         | V2A; AISI 304 | Ø 48,3                        | 55 | 55 | 30 | 18 |

**Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma**

| #      | Glasstärke |
|--------|------------|
| 981276 | 12,76      |

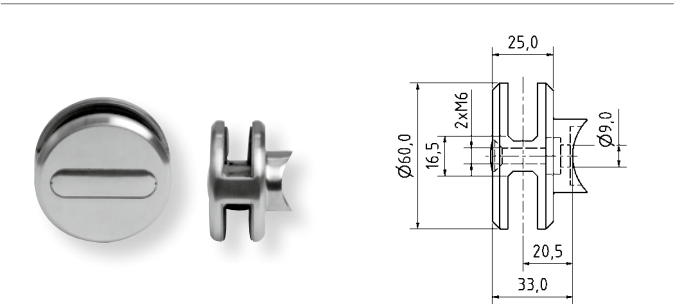




| #                                              | Material      | Rohranschluss                 | A  | B  | C     | D  | E  |
|------------------------------------------------|---------------|-------------------------------|----|----|-------|----|----|
| geschliffen / satin finish / brossé / satinato |               |                               |    |    |       |    |    |
| CN6310000                                      | V4A; AISI 316 | gerade / flat / plat / dritto | 70 | 55 | 37,52 | 16 | 42 |
| CN6310483                                      | V4A; AISI 316 | Ø 48,3                        | 70 | 55 | 37,52 | 16 | 42 |
| CN6310603                                      | V4A; AISI 316 | Ø 60,3                        | 70 | 55 | 37,52 | 16 | 42 |

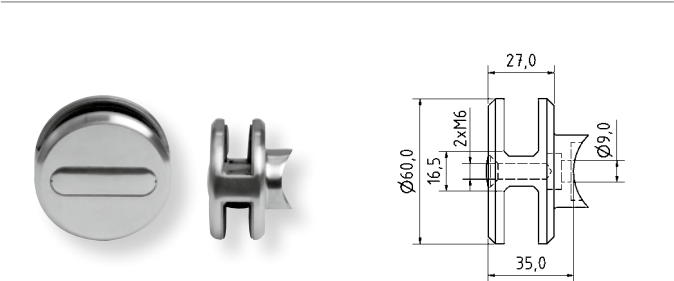
| Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma |            |
|-----------------------------------------------------------------------|------------|
| #                                                                     | Glasstärke |
| CN6450710                                                             | 13,52      |
| CN6450720                                                             | 16,76      |
| CN6450730                                                             | 17,52      |

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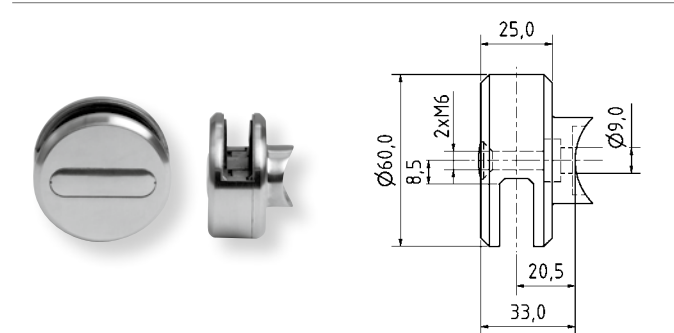
| #                                              | Material      | Rohranschluss                 |
|------------------------------------------------|---------------|-------------------------------|
| geschliffen / satin finish / brossé / satinato |               |                               |
| CN6210000                                      | V4A; AISI 316 | gerade / flat / plat / dritto |
| CN6210424                                      | V4A; AISI 316 | Ø 42,4                        |
| CN6210483                                      | V4A; AISI 316 | Ø 48,3                        |

| Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma |            |           |            |
|-----------------------------------------------------------------------|------------|-----------|------------|
| #                                                                     | Glasstärke | #         | Glasstärke |
| CN6450510                                                             | 8,00       | CN6450530 | 10,00      |
| CN6450520                                                             | 8,76       | CN6450540 | 10,76      |



| #                                              | Material      | Rohranschluss                 |
|------------------------------------------------|---------------|-------------------------------|
| geschliffen / satin finish / brossé / satinato |               |                               |
| CN6230000                                      | V4A; AISI 316 | gerade / flat / plat / dritto |
| CN6230424                                      | V4A; AISI 316 | Ø 42,4                        |
| CN6230483                                      | V4A; AISI 316 | Ø 48,3                        |

| Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma |            |
|-----------------------------------------------------------------------|------------|
| #                                                                     | Glasstärke |
| CN6450610                                                             | 12,00      |
| CN6450620                                                             | 12,76      |

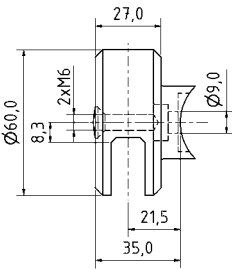


| #                                              | Material      | Rohranschluss                 |
|------------------------------------------------|---------------|-------------------------------|
| geschliffen / satin finish / brossé / satinato |               |                               |
| CN6220000                                      | V4A; AISI 316 | gerade / flat / plat / dritto |
| CN6220424                                      | V4A; AISI 316 | Ø 42,4                        |
| CN6220483                                      | V4A; AISI 316 | Ø 48,3                        |

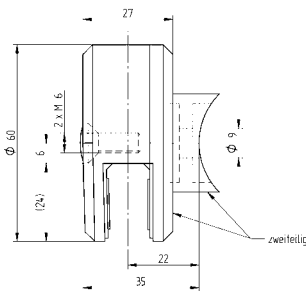
| Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma |            |           |            |
|-----------------------------------------------------------------------|------------|-----------|------------|
| #                                                                     | Glasstärke | #         | Glasstärke |
| CN6450510                                                             | 8,00       | CN6450530 | 10,00      |
| CN6450520                                                             | 8,76       | CN6450540 | 10,76      |



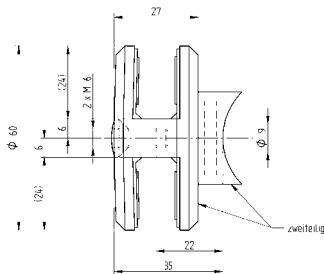
| #                                                                     | Material      | Rohranschluss                 |
|-----------------------------------------------------------------------|---------------|-------------------------------|
| geschliffen / satin finish / brossé / satinato                        |               |                               |
| CN6240000                                                             | V4A; AISI 316 | gerade / flat / plat / dritto |
| CN6240424                                                             | V4A; AISI 316 | Ø 42,4                        |
| CN6240483                                                             | V4A; AISI 316 | Ø 48,3                        |
| Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma |               |                               |
| #                                                                     | Glasstärke    |                               |
| CN6450610                                                             | 12,00         |                               |
| CN6450620                                                             | 12,76         |                               |



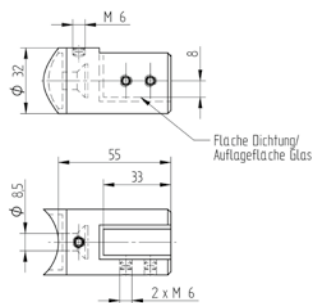
| #                                                                     | Material      | Rohranschluss                 |            |
|-----------------------------------------------------------------------|---------------|-------------------------------|------------|
| geschliffen / satin finish / brossé / satinato                        |               |                               |            |
| 673000                                                                | V2A; AISI 304 | gerade / flat / plat / dritto |            |
| 673424                                                                | V2A; AISI 304 | Ø 42,4                        |            |
| Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma |               |                               |            |
| #                                                                     | Glasstärke    | #                             | Glasstärke |
| 992010                                                                | 8,00          | 992040                        | 10,76      |
| 992020                                                                | 8,76          | 992050                        | 12,00      |
| 992030                                                                | 10,00         | 992060                        | 12,76      |



| #                                                                     | Material      | Rohranschluss                 |            |
|-----------------------------------------------------------------------|---------------|-------------------------------|------------|
| geschliffen / satin finish / brossé / satinato                        |               |                               |            |
| 674000                                                                | V2A; AISI 304 | gerade / flat / plat / dritto |            |
| 674424                                                                | V2A; AISI 304 | Ø 42,4                        |            |
| Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma |               |                               |            |
| #                                                                     | Glasstärke    | #                             | Glasstärke |
| 992010                                                                | 8,00          | 992040                        | 10,76      |
| 992020                                                                | 8,76          | 992050                        | 12,00      |
| 992030                                                                | 10,00         | 992060                        | 12,76      |

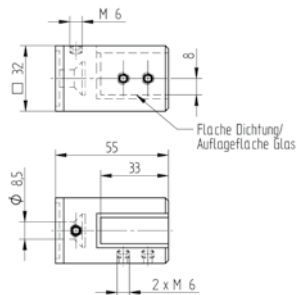


| #                                                                     | Material      | Rohranschluss |                                         |
|-----------------------------------------------------------------------|---------------|---------------|-----------------------------------------|
| geschliffen / satin finish / brossé / satinato                        |               |               |                                         |
| 654424                                                                | V2A; AISI 304 | Ø 42,4        | links / left /<br>gauche / a sinistra   |
| 654324                                                                | V2A; AISI 304 | Ø 42,4        | rechts / right /<br>à droite / a destra |
|                                                                       |               |               |                                         |
| Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma |               |               |                                         |
| #                                                                     | Glasstärke    | #             | Glasstärke                              |
| 993010                                                                | 8,00          | 993050        | 12,00                                   |
| 993020                                                                | 10,00         | 993060        | 12,76                                   |
| 993040                                                                | 10,76         |               |                                         |



NEW

NEW

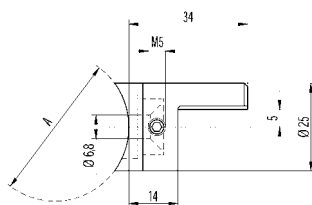
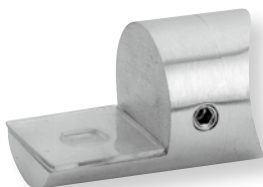


| #                                              | Material      | Rohranschluss |                                         |
|------------------------------------------------|---------------|---------------|-----------------------------------------|
| geschliffen / satin finish / brossé / satinato |               |               |                                         |
| 655000                                         | V2A; AISI 304 | Ø 42,4        | links / left /<br>gauche / a sinistra   |
| 656000                                         | V2A; AISI 304 | Ø 42,4        | rechts / right /<br>à droite / a destra |

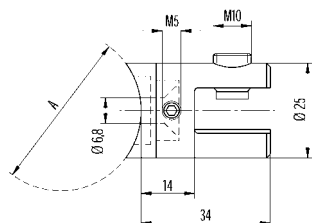
**Gummieinlagen / rubber inserts / butées caoutchouc / inserti di gomma**

| #      | Glasstärke | #      | Glasstärke |
|--------|------------|--------|------------|
| 993010 | 8,00       | 993050 | 12,00      |
| 993020 | 10,00      | 993060 | 12,76      |
| 993040 | 10,76      |        |            |

7



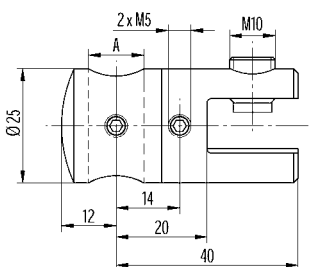
| #                                              | Material      | Rohranschluss A               |  |
|------------------------------------------------|---------------|-------------------------------|--|
| geschliffen / satin finish / brossé / satinato |               |                               |  |
| CN6550100                                      | V2A; AISI 304 | gerade / flat / plat / dritto |  |
| CN6550110                                      | V2A; AISI 304 | Ø 33,7                        |  |
| CN6550120                                      | V2A; AISI 304 | Ø 42,4                        |  |



| #                                              | Material      | A                             |  |
|------------------------------------------------|---------------|-------------------------------|--|
| geschliffen / satin finish / brossé / satinato |               |                               |  |
| CN6550200                                      | V2A; AISI 304 | gerade / flat / plat / dritto |  |
| CN6550210                                      | V2A; AISI 304 | Ø 33,7                        |  |
| CN6550220                                      | V2A; AISI 304 | Ø 42,4                        |  |
| CN6550230                                      | V2A; AISI 304 | Ø 48,3                        |  |
| CN6550240                                      | V2A; AISI 304 | Ø 60,3                        |  |

**Plattenstärke 4 – 10,76 mm**

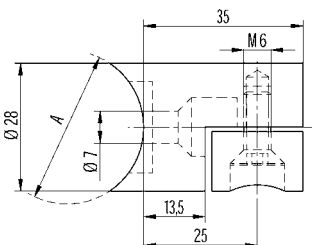
sheet 4 – 10,76 mm / épaisseur de plaque / verre 4 – 10,76 mm / spessore lastra 4 – 10,76 mm



| #                                              | Material      | A    |  |
|------------------------------------------------|---------------|------|--|
| geschliffen / satin finish / brossé / satinato |               |      |  |
| CN6550300                                      | V2A; AISI 304 | 12,2 |  |
| CN6550310                                      | V2A; AISI 304 | 16,2 |  |

**Plattenstärke 4 – 10,76 mm**

sheet 4 – 10,76 mm / épaisseur de plaque / verre 4 – 10,76 mm / spessore lastra 4 – 10,76 mm



| #                                              | Material      | A                             |  |
|------------------------------------------------|---------------|-------------------------------|--|
| geschliffen / satin finish / brossé / satinato |               |                               |  |
| CN6500800                                      | V2A; AISI 304 | gerade / flat / plat / dritto |  |
| CN6500810                                      | V2A; AISI 304 | Ø 33,7                        |  |
| CN6500820                                      | V2A; AISI 304 | Ø 42,4                        |  |
| CN6500830                                      | V2A; AISI 304 | Ø 48,3                        |  |
| CN6500840                                      | V2A; AISI 304 | Ø 60,3                        |  |

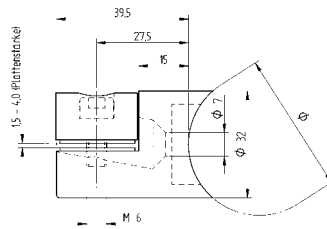
**Lochblechhalter Plattenstärke 1,5 – 3,0 mm**

Sheet holder for material thickness 1,5 – 3,0 mm / Support panneau épaisseurs tôle / matériau 1,5 – 3,0 mm / Supporto per lamiera spessori 1,5 – 3,0 mm

| #                                              | Material      | Plattenstärke                           |
|------------------------------------------------|---------------|-----------------------------------------|
| geschliffen / satin finish / brossé / satinato |               |                                         |
| 590500                                         | V2A; AISI 304 | gerade / flat / plat / dritto 1,5 – 4,0 |
| 590550                                         | V2A; AISI 304 | Ø 42,4 1,5 – 4,0                        |

Plattenstärke 1,5 – 4,0 mm

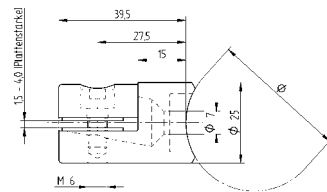
glass thickness 1,5 – 4,0 mm / paisseur de tôle / matériau 1,5 – 4,0 mm / Spessore lastra da 1,5 – 4,0 mm



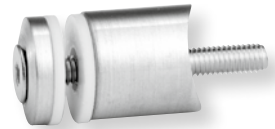
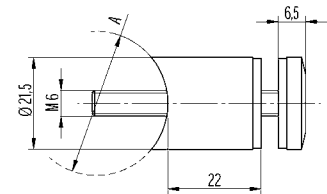
| #                                              | Material      | Plattenstärke                           |
|------------------------------------------------|---------------|-----------------------------------------|
| geschliffen / satin finish / brossé / satinato |               |                                         |
| 590100                                         | V2A; AISI 304 | gerade / flat / plat / dritto 1,5 – 4,0 |
| 590150                                         | V2A; AISI 304 | Ø 42,4 1,5 – 4,0                        |

Plattenstärke 1,5 – 4,0 mm

glass thickness 1,5 – 4,0 mm / paisseur de tôle / matériau 1,5 – 4,0 mm / Spessore lastra da 1,5 – 4,0 mm



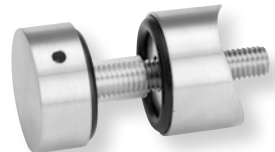
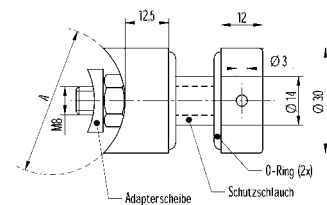
| #                                              | Material      | A                             |
|------------------------------------------------|---------------|-------------------------------|
| geschliffen / satin finish / brossé / satinato |               |                               |
| CN6500700                                      | V4A; AISI 316 | gerade / flat / plat / dritto |
| CN6500710                                      | V4A; AISI 316 | Ø 33,7                        |
| CN6500720                                      | V4A; AISI 316 | Ø 42,4                        |



| #                                              | Material      | A                             |
|------------------------------------------------|---------------|-------------------------------|
| geschliffen / satin finish / brossé / satinato |               |                               |
| CN6500610                                      | V4A; AISI 316 | Ø 42,4                        |
| CN6500600                                      | V4A; AISI 316 | gerade / flat / plat / dritto |

Glasstärke maximal 20 mm

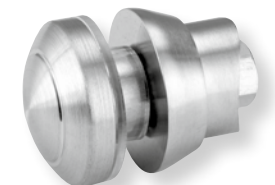
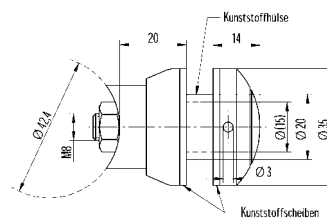
glass thickness max 20 mm / épaisseur de verre maximale 20 mm / spessore del vetro massimo 20 mm



| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN6550500                                      | V4A; AISI 316 |

Glasstärken in 8 – 10 mm

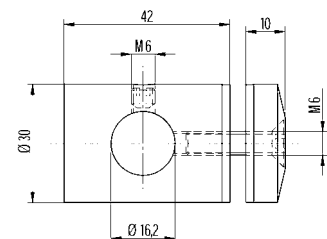
glass thickness 8 – 10 mm / épaisseur de verre 8 – 10 mm / Spessori del vetro da 8 - 10 mm

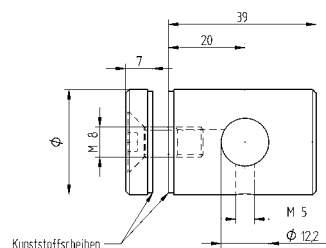


| #                                              | Material      | Bohrung |
|------------------------------------------------|---------------|---------|
| geschliffen / satin finish / brossé / satinato |               |         |
| CN6550400                                      | V4A; AISI 316 | 16,2    |

Glasstärken in 8 – 10 mm

glass thickness 8 – 10 mm / épaisseur de verre 8 – 10 mm / Spessori del vetro da 8 - 10 mm

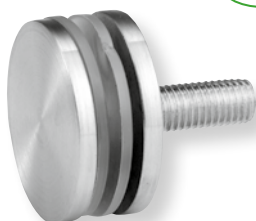
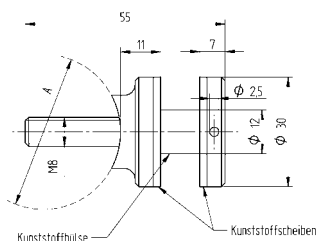




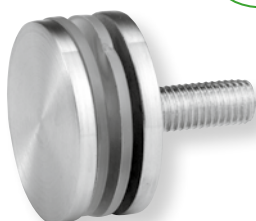
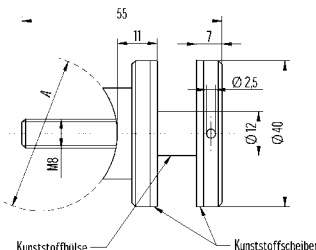
7



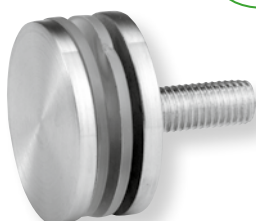
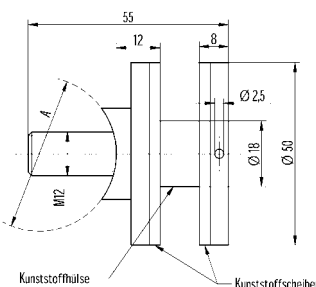
AbP ✓



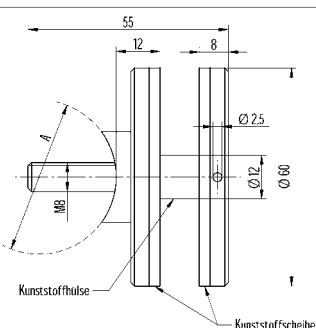
AbP ✓



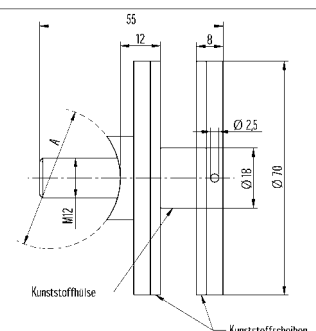
AbP ✓



AbP ✓



AbP ✓



| #                                              | Material      | Ø  |
|------------------------------------------------|---------------|----|
| geschliffen / satin finish / brossé / satinato |               |    |
| 510000                                         | V2A; AISI 304 | 28 |
| 510122                                         | V2A; AISI 304 | 22 |

Glasstärken in 8 – 10 mm

glass thickness 8 – 10 mm / épaisseur de verre 8 – 10 mm / Spessori del vetro da 8 – 10 mm

| #                                              | Material      | A                             |
|------------------------------------------------|---------------|-------------------------------|
| geschliffen / satin finish / brossé / satinato |               |                               |
| CN6500100                                      | V4A; AISI 316 | gerade / flat / plat / dritto |
| CN6500110                                      | V4A; AISI 316 | Ø 33,7                        |
| CN6500120                                      | V4A; AISI 316 | Ø 42,4                        |

Ø 30 mm Glasstärke bis 18 mm, mit AbP

Ø 30 mm glass thickness max 18 mm, with test certificate / Ø 30 mm épaisseur de verre jusqu'à 18 mm, avec certificat de conformité / Ø 30 mm spessore del vetro fino a 18 mm, con certificato di conformità

| #                                              | Material      | A                             |
|------------------------------------------------|---------------|-------------------------------|
| geschliffen / satin finish / brossé / satinato |               |                               |
| CN6500500                                      | V4A; AISI 316 | gerade / flat / plat / dritto |
| CN6500510                                      | V4A; AISI 316 | Ø 33,7                        |
| CN6500520                                      | V4A; AISI 316 | Ø 42,4                        |

Ø 40 mm Glasstärke bis 18 mm, mit AbP

Ø 40 mm glass thickness max 18 mm, with test certificate / Ø 40 mm épaisseur de verre jusqu'à 18 mm, avec certificat de conformité / Ø 40 mm spessore del vetro fino a 18 mm, con certificato di conformità

| #                                              | Material      | A                             |
|------------------------------------------------|---------------|-------------------------------|
| geschliffen / satin finish / brossé / satinato |               |                               |
| CN6500300                                      | V4A; AISI 316 | gerade / flat / plat / dritto |
| CN6500310                                      | V4A; AISI 316 | Ø 42,4                        |
| CN6500320                                      | V4A; AISI 316 | Ø 48,3                        |

Ø 50 mm Glasstärke bis 18 mm, mit AbP

Ø 50 mm glass thickness max 18 mm, with test certificate / Ø 50 mm épaisseur de verre jusqu'à 18 mm, avec certificat de conformité / Ø 50 mm spessore del vetro fino a 18 mm, con certificato di conformità

| #                                              | Material      | A                             |
|------------------------------------------------|---------------|-------------------------------|
| geschliffen / satin finish / brossé / satinato |               |                               |
| CN6500400                                      | V4A; AISI 316 | gerade / flat / plat / dritto |
| CN6500410                                      | V4A; AISI 316 | Ø 42,4                        |
| CN6500420                                      | V4A; AISI 316 | Ø 48,3                        |
| CN6500430                                      | V4A; AISI 316 | Ø 60,3                        |

Ø 60 mm Glasstärke bis 18 mm, mit AbP

Ø 60 mm glass thickness max 18 mm, with test certificate / Ø 60 mm épaisseur de verre jusqu'à 18 mm, avec certificat de conformité / Ø 60 mm spessore del vetro fino a 18 mm, con certificato di conformità

| #                                              | Material      | A                             |
|------------------------------------------------|---------------|-------------------------------|
| geschliffen / satin finish / brossé / satinato |               |                               |
| CN6500200                                      | V4A; AISI 316 | gerade / flat / plat / dritto |
| CN6500210                                      | V4A; AISI 316 | Ø 33,7                        |
| CN6500220                                      | V4A; AISI 316 | Ø 42,4                        |
| CN6500230                                      | V4A; AISI 316 | Ø 48,3                        |

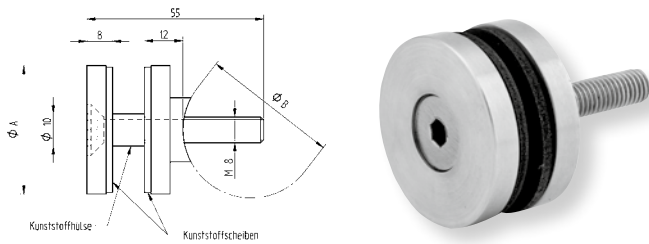
Ø 70 mm Glasstärke bis 18 mm, mit AbP

Ø 70 mm glass thickness max 18 mm, with test certificate / Ø 70 mm épaisseur de verre jusqu'à 18 mm, avec certificat de conformité / Ø 70 mm spessore del vetro fino a 18 mm, con certificato di conformità

| #                                              | Material      | A  | B                             |
|------------------------------------------------|---------------|----|-------------------------------|
| geschliffen / satin finish / brossé / satinato |               |    |                               |
| 515000                                         | V2A; AISI 304 | 25 | gerade / flat / plat / dritto |
| 516000                                         | V2A; AISI 304 | 30 | gerade / flat / plat / dritto |
| 517000                                         | V2A; AISI 304 | 40 | gerade / flat / plat / dritto |
| 517424                                         | V2A; AISI 304 | 40 | Ø 42,4                        |
| 518000                                         | V2A; AISI 304 | 50 | gerade / flat / plat / dritto |
| 518424                                         | V2A; AISI 304 | 50 | Ø 42,4                        |

Glasstärke bis 18 mm

glass thickness max 18 mm / épaisseur de verre maximale 18 mm / spessore del vetro fino a 18 mm



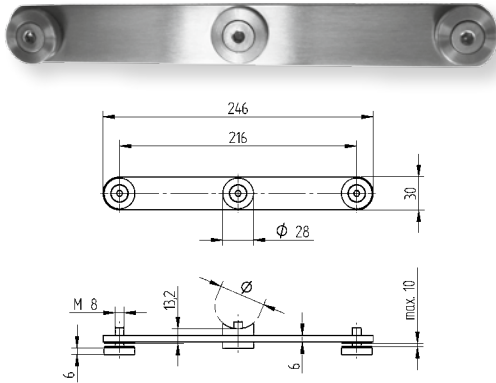
| #                                              | Material      | Ø                             |
|------------------------------------------------|---------------|-------------------------------|
| geschliffen / satin finish / brossé / satinato |               |                               |
| 514000                                         | V2A; AISI 304 | gerade / flat / plat / dritto |
| 514424                                         | V2A; AISI 304 | Ø 42,4                        |

Doppelpunkthalter

double point holder / support double / doppio supporto

Doppelpunkthalter zur Montage mit verschiedenen Anschlüssen

double point holder for assembly with different connections / support double pour plaque de verre avec plusieurs fixations / Doppio supporto a punto per vetri con più punti di fissaggio





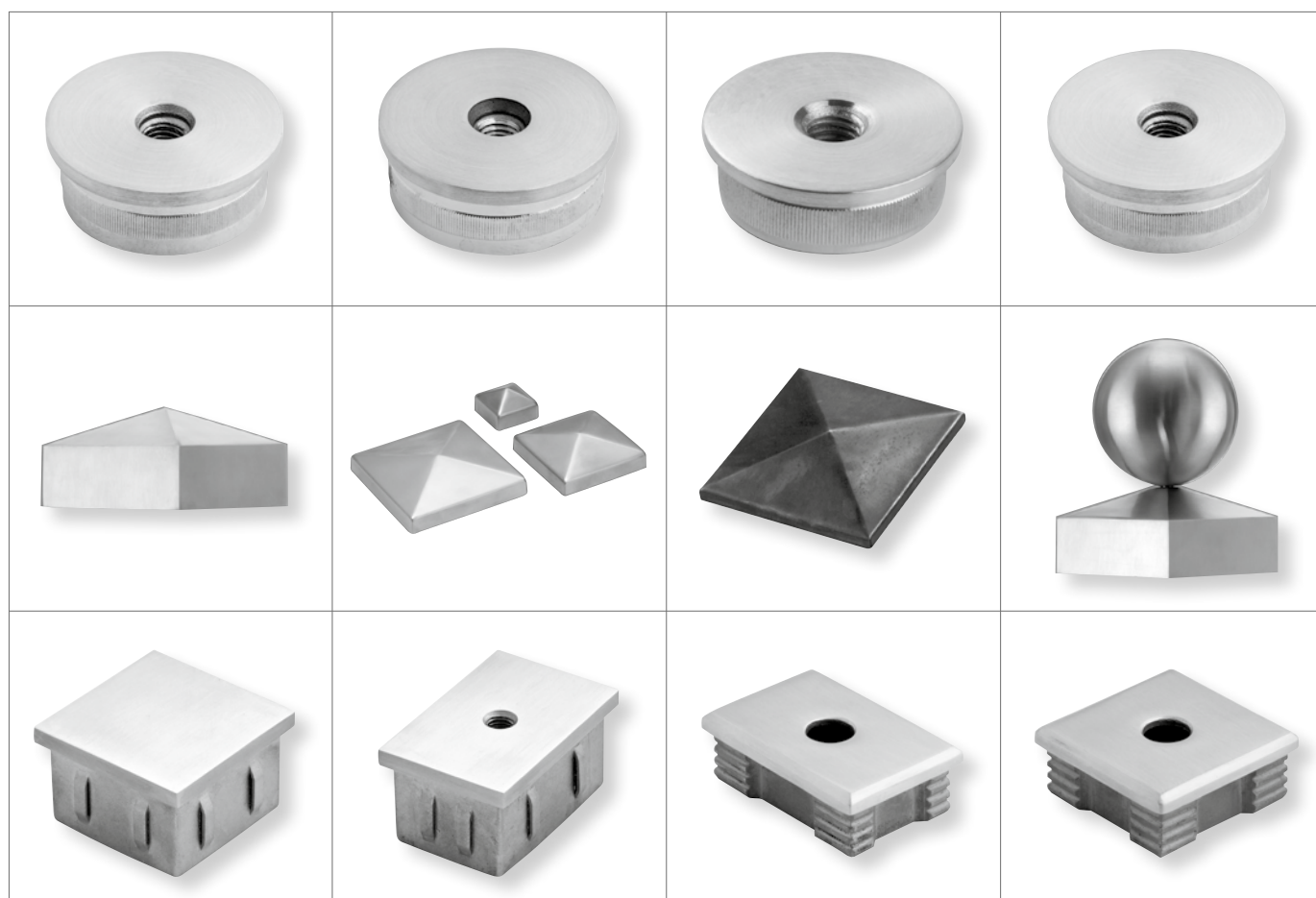




8

## Kappen

End Caps / Bouchons / Tappi Terminali

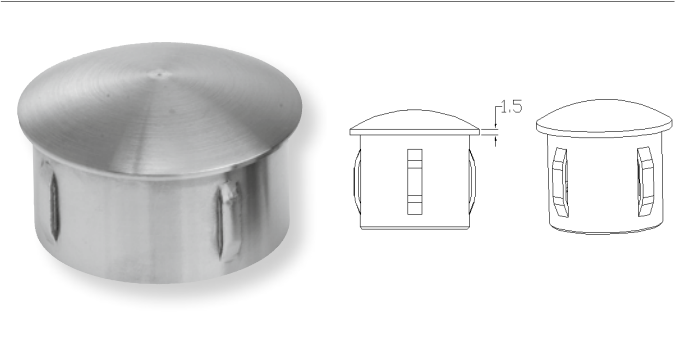




| #                                              | Material      | Wandstärke | A     | B    | C    |
|------------------------------------------------|---------------|------------|-------|------|------|
| geschliffen / satin finish / brossé / satinato |               |            |       |      |      |
| CN3400120                                      | V4A; AISI 316 | 1,0        | 12,0  | 8,0  | 3,0  |
| CN3400160                                      | V4A; AISI 316 | 1,0 – 2,0  | 16,0  | 14,5 | 3,5  |
| CN3400200                                      | V4A; AISI 316 | 1,0 – 2,0  | 20,0  | 14,5 | 4,2  |
| CN3400213                                      | V4A; AISI 316 | 1,6 – 2,6  | 21,3  | 15,0 | 4,7  |
| CN3400269                                      | V4A; AISI 316 | 1,6 – 2,6  | 26,9  | 24,0 | 5,0  |
| CN3400300                                      | V4A; AISI 316 | 1,5 – 2,6  | 30,0  | 16,5 | 5,5  |
| CN3400337                                      | V4A; AISI 316 | 1,6 – 2,6  | 33,7  | 24,3 | 6,5  |
| CN3400400                                      | V4A; AISI 316 | 1,5 – 2,6  | 40,0  | 26,0 | 7,5  |
| CN3400424                                      | V4A; AISI 316 | 2,0 – 2,6  | 42,4  | 25,8 | 7,5  |
| CN3400483                                      | V4A; AISI 316 | 2,0 – 2,6  | 48,3  | 26,1 | 8,5  |
| CN3400603                                      | V4A; AISI 316 | 2,0 – 2,6  | 60,3  | 26,7 | 9,5  |
| CN3400761                                      | V4A; AISI 316 | 2,0 – 2,6  | 76,1  | 28,0 | 10,5 |
| CN3401016                                      | V4A; AISI 316 | 2,0 – 2,6  | 101,6 | 30,0 | 12,0 |

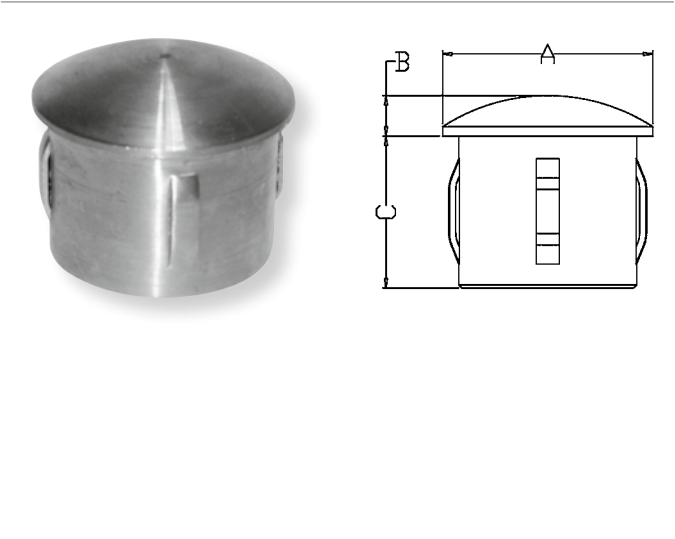
hohl  
hollow / creux / vuoti

8



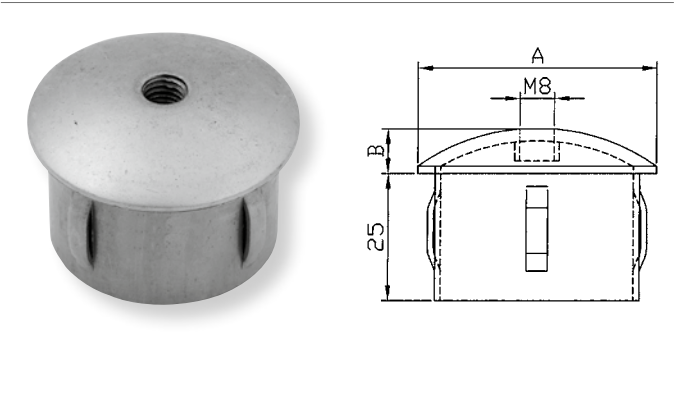
| #                                              | Material      | Abmessungen         |
|------------------------------------------------|---------------|---------------------|
| geschliffen / satin finish / brossé / satinato |               |                     |
| 290337                                         | V2A; AISI 304 | 2,0 - 2,6<br>Ø 33,7 |
| 290424                                         | V2A; AISI 304 | 2,0 - 2,6<br>Ø 42,4 |
| 290483                                         | V2A; AISI 304 | 2,0 - 2,6<br>Ø 48,3 |
| 290603                                         | V2A; AISI 304 | 2,0 - 2,6<br>Ø 60,3 |

hohl  
hollow / creux / vuoti



| #                         | Material    | A    | B    | C    | Wandstärke |
|---------------------------|-------------|------|------|------|------------|
| Stahl/steel/acier/acciaio |             |      |      |      |            |
| 75606                     | ST37 / Q235 | 33,7 | 6,5  | 24,0 | 1,8 – 2,2  |
| 75607                     | ST37 / Q235 | 33,7 | 6,5  | 24,0 | 2,5 – 2,9  |
| 75608                     | ST37 / Q235 | 42,4 | 7,0  | 26,0 | 1,8 – 2,2  |
| 75609                     | ST37 / Q235 | 42,4 | 7,0  | 26,0 | 2,5 – 2,9  |
| 75614                     | ST37 / Q235 | 42,4 | 7,0  | 26,0 | 3,0 – 3,5  |
| 75610                     | ST37 / Q235 | 48,3 | 8,0  | 26,0 | 1,8 – 2,2  |
| 75611                     | ST37 / Q235 | 48,3 | 8,0  | 26,0 | 2,5 – 2,9  |
| 75615                     | ST37 / Q235 | 48,3 | 8,0  | 26,0 | 3,0 – 3,5  |
| 75612                     | ST37 / Q235 | 60,3 | 10,0 | 27,0 | 1,8 – 2,2  |
| 75613                     | ST37 / Q235 | 60,3 | 10,0 | 27,0 | 2,5 – 2,9  |

hohl, garantiert verzinkungsfähig  
hollow, able for zinc coating / creux, garanti apte à la galvanisation zincable /  
garantit per eventuale zincatura



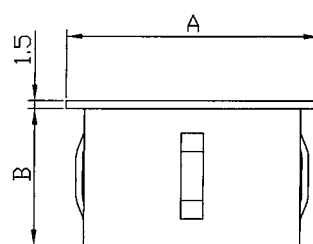
| #                         | Material    | A    | B   | Wandstärke |
|---------------------------|-------------|------|-----|------------|
| Stahl/steel/acier/acciaio |             |      |     |            |
| 75906                     | ST37 / Q235 | 33,7 | 6,3 | 1,8 – 2,2  |
| 75907                     | ST37 / Q235 | 33,7 | 6,3 | 2,5 – 2,9  |
| 75908                     | ST37 / Q235 | 42,4 | 6,8 | 1,8 – 2,2  |
| 75909                     | ST37 / Q235 | 42,4 | 6,8 | 2,5 – 2,9  |
| 75914                     | ST37 / Q235 | 42,4 | 6,8 | 3,0 – 3,5  |
| 75910                     | ST37 / Q235 | 48,3 | 7,5 | 1,8 – 2,2  |
| 75911                     | ST37 / Q235 | 48,3 | 7,5 | 2,5 – 2,9  |
| 75915                     | ST37 / Q235 | 48,3 | 7,5 | 3,0 – 3,5  |
| 75912                     | ST37 / Q235 | 60,3 | 9,0 | 1,8 – 2,2  |
| 75913                     | ST37 / Q235 | 60,3 | 9,0 | 2,5 – 2,9  |

hohl, garantiert verzinkungsfähig  
hollow, suitable for zinc coating / creux, garanti apte à la galvanisation zincable /  
garantit per eventuale zincatura

| #                         | Material    | A    | B    | Wandstärke |
|---------------------------|-------------|------|------|------------|
| Stahl/steel/acier/acciaio |             |      |      |            |
| 75506                     | ST37 / Q235 | 33,7 | 24,0 | 1,8 – 2,2  |
| 75507                     | ST37 / Q235 | 33,7 | 24,0 | 2,5 – 2,9  |
| 75508                     | ST37 / Q235 | 42,4 | 26,0 | 1,8 – 2,2  |
| 75509                     | ST37 / Q235 | 42,4 | 26,0 | 2,5 – 2,9  |
| 75514                     | ST37 / Q235 | 42,4 | 26,0 | 3,0 – 3,5  |
| 75510                     | ST37 / Q235 | 48,3 | 26,0 | 1,8 – 2,2  |
| 75511                     | ST37 / Q235 | 48,3 | 26,0 | 2,5 – 2,9  |
| 75515                     | ST37 / Q235 | 48,3 | 26,0 | 3,0 – 3,5  |
| 75512                     | ST37 / Q235 | 60,3 | 27,0 | 1,8 – 2,2  |
| 75513                     | ST37 / Q235 | 60,3 | 27,0 | 2,5 – 2,9  |

**hohl, garantiert verzinkungsfähig**

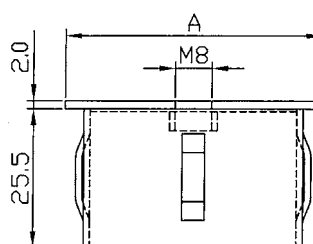
hollow, able for zinc coating / creux, garanti apte à la galvanisation/ zincabile / garantit per eventuale zincatura



| #                         | Material    | A    | Wandstärke |
|---------------------------|-------------|------|------------|
| Stahl/steel/acier/acciaio |             |      |            |
| 75806                     | ST37 / Q235 | 33,7 | 1,8 – 2,2  |
| 75807                     | ST37 / Q235 | 33,7 | 2,5 – 2,9  |
| 75808                     | ST37 / Q235 | 42,4 | 1,8 – 2,2  |
| 75809                     | ST37 / Q235 | 42,4 | 2,5 – 2,9  |
| 75814                     | ST37 / Q235 | 42,4 | 3,0 – 3,5  |
| 75810                     | ST37 / Q235 | 48,3 | 1,8 – 2,2  |
| 75811                     | ST37 / Q235 | 48,3 | 2,5 – 2,9  |
| 75815                     | ST37 / Q235 | 48,3 | 3,0 – 3,5  |
| 75812                     | ST37 / Q235 | 60,3 | 1,8 – 2,2  |
| 75813                     | ST37 / Q235 | 60,3 | 2,5 – 2,9  |

**hohl, garantiert verzinkungsfähig**

hollow, able for zinc coating / creux, garanti apte à la galvanisation/ zincabile / garantit per eventuale zincatura



8

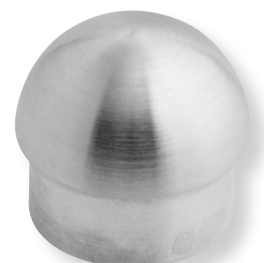
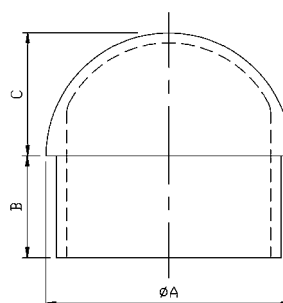
| #                                              | Material      | Ø A        | B  | C     |
|------------------------------------------------|---------------|------------|----|-------|
| geschliffen / satin finish / brossé / satinato |               |            |    |       |
| CN3650110                                      | V4A; AISI 316 | 33,7 x 2,0 | 19 | 16,85 |
| CN3650120                                      | V4A; AISI 316 | 33,7 x 2,6 | 20 | 16,85 |
| CN3650130                                      | V4A; AISI 316 | 42,4 x 2,0 | 23 | 21,20 |
| CN3650140                                      | V4A; AISI 316 | 42,4 x 2,6 | 25 | 21,20 |
| CN3650150                                      | V4A; AISI 316 | 48,3 x 2,0 | 23 | 24,15 |
| CN3650160                                      | V4A; AISI 316 | 48,3 x 2,6 | 25 | 24,15 |
| CN3650170                                      | V4A; AISI 316 | 60,3 x 2,0 | 25 | 30,15 |
| CN3650180                                      | V4A; AISI 316 | 60,3 x 2,6 | 25 | 30,15 |

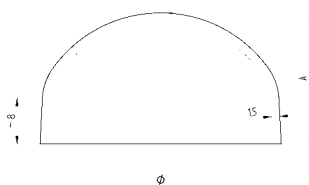
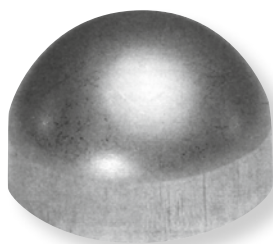
**hochglanzpoliert / mirror polished / poli miroir / lucidato a specchio**

|           |               |            |    |       |
|-----------|---------------|------------|----|-------|
| CN3650115 | V4A; AISI 316 | 33,7 x 2,0 | 19 | 16,85 |
| CN3650114 | V4A; AISI 316 | 38,1 x 1,5 | 19 | 19,00 |
| CN3650116 | V4A; AISI 316 | 40,0 x 1,5 | 19 | 20,00 |
| CN3650117 | V4A; AISI 316 | 42,4 x 1,5 | 20 | 21,20 |
| CN3650135 | V4A; AISI 316 | 42,4 x 2,0 | 20 | 21,20 |
| CN3650118 | V4A; AISI 316 | 43,0 x 1,5 | 20 | 21,50 |
| CN3650125 | V4A; AISI 316 | 48,3 x 1,5 | 23 | 24,15 |
| CN3650126 | V4A; AISI 316 | 48,3 x 2,0 | 23 | 24,15 |
| CN3650129 | V4A; AISI 316 | 50,8 x 1,5 | 23 | 25,40 |

**hohl**

hollow / creux / vuoti





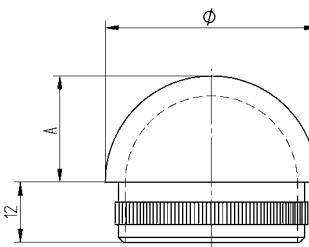
| #               | Material | A    | B  |
|-----------------|----------|------|----|
| <b>S235JRG2</b> |          |      |    |
| 76001           | S235JRG2 | 33,7 | 23 |
| 76002           | S235JRG2 | 42,4 | 23 |
| 76003           | S235JRG2 | 48,3 | 25 |

#### Kugelkappen

Cap / Bouchon demi-sphérique | Calotta sferica

**hohl, garantiert verzinkungsfähig**

hollow, suitable for zinc coating / creux, garanti apte à la galvanisation / zincabile / garantit per eventuale zincatura

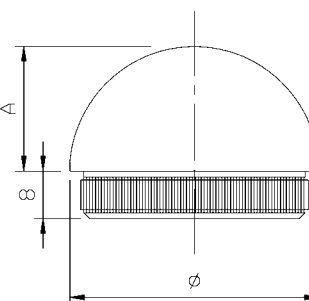
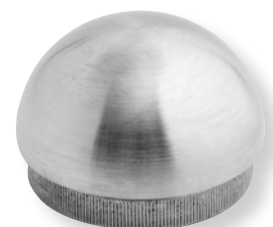


| #                                                     | Material      | Ø          | A  |
|-------------------------------------------------------|---------------|------------|----|
| <b>geschliffen / satin finish / brossé / satinato</b> |               |            |    |
| 285337                                                | V2A; AISI 304 | 33,7 x 2,0 | 17 |
| 285424                                                | V2A; AISI 304 | 42,4 x 2,0 | 21 |
| 285483                                                | V2A; AISI 304 | 48,3 x 2,0 | 24 |

#### hohl

hollow / creux / vuoti

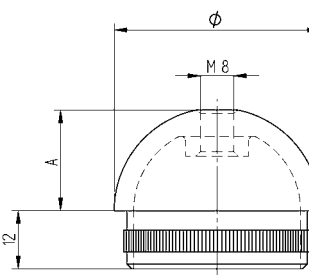
8



| #                                                     | Material      | Ø          | A  |
|-------------------------------------------------------|---------------|------------|----|
| <b>geschliffen / satin finish / brossé / satinato</b> |               |            |    |
| CN3333720                                             | V2A; AISI 304 | 33,7 x 2,0 | 17 |
| CN3342420                                             | V2A; AISI 304 | 42,4 x 2,0 | 21 |
| CN3342426                                             | V2A; AISI 304 | 42,4 x 2,6 | 21 |
| CN3348320                                             | V2A; AISI 304 | 48,3 x 2,0 | 24 |
| CN3348326                                             | V2A; AISI 304 | 48,3 x 2,6 | 24 |

#### massiv

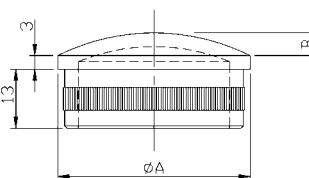
massive / moleté / massicci



| #                                                     | Material      | Ø          | A    |
|-------------------------------------------------------|---------------|------------|------|
| <b>geschliffen / satin finish / brossé / satinato</b> |               |            |      |
| 280337                                                | V2A; AISI 304 | 33,7 x 2,0 | 16,5 |
| 280424                                                | V2A; AISI 304 | 42,4 x 2,0 | 20,5 |

#### hohl

hollow / creux / vuoti



| #                                                     | Material      | Ø A        | B   |
|-------------------------------------------------------|---------------|------------|-----|
| <b>geschliffen / satin finish / brossé / satinato</b> |               |            |     |
| CN3600400                                             | V4A; AISI 316 | 33,7 x 2,0 | 4,0 |
| CN3600410                                             | V4A; AISI 316 | 33,7 x 2,6 | 4,0 |
| CN3600420                                             | V4A; AISI 316 | 42,4 x 1,5 | 5,0 |
| CN3600430                                             | V4A; AISI 316 | 42,4 x 2,0 | 5,0 |
| CN3600440                                             | V4A; AISI 316 | 42,4 x 2,6 | 5,0 |
| CN3600450                                             | V4A; AISI 316 | 48,3 x 1,5 | 6,5 |
| CN3600460                                             | V4A; AISI 316 | 48,3 x 2,0 | 6,5 |
| CN3600470                                             | V4A; AISI 316 | 48,3 x 2,6 | 6,5 |

**hochglanzpoliert / mirror polished / poli miroir / lucidato a specchio**

|           |               |            |     |
|-----------|---------------|------------|-----|
| CN3600850 | V4A; AISI 316 | 33,7 x 2,0 | 4,0 |
| CN3600851 | V4A; AISI 316 | 38,1 x 1,5 | 4,0 |
| CN3600855 | V4A; AISI 316 | 40,0 x 1,5 | 4,0 |
| CN3600859 | V4A; AISI 316 | 42,4 x 1,5 | 5,0 |
| CN3600860 | V4A; AISI 316 | 42,4 x 2,0 | 5,0 |
| CN3600861 | V4A; AISI 316 | 43,0 x 1,5 | 5,0 |
| CN3600862 | V4A; AISI 316 | 48,3 x 1,5 | 6,5 |
| CN3600864 | V4A; AISI 316 | 48,3 x 2,0 | 6,5 |
| CN3600865 | V4A; AISI 316 | 50,8 x 1,5 | 6,5 |

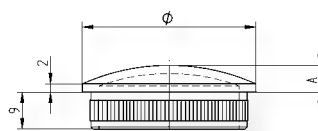
#### hohl

hollow / creux / vuoti

| #                                              | Material      | Ø          | A |
|------------------------------------------------|---------------|------------|---|
| geschliffen / satin finish / brossé / satinato |               |            |   |
| 250337                                         | V2A; AISI 304 | 33,7 x 2,0 | 5 |
| 250424                                         | V2A; AISI 304 | 42,4 x 2,0 | 6 |
| 250483                                         | V2A; AISI 304 | 48,3 x 2,0 | 6 |

hohl

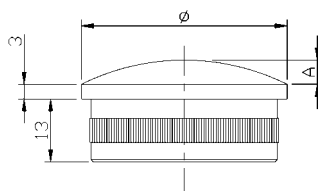
hollow / creux / vuoti



| #                                              | Material      | Ø          | A |
|------------------------------------------------|---------------|------------|---|
| geschliffen / satin finish / brossé / satinato |               |            |   |
| CN3600600                                      | V4A; AISI 316 | 33,7 x 2,0 | 4 |
| CN3600610                                      | V4A; AISI 316 | 40,0 x 2,0 | 4 |
| CN3600620                                      | V4A; AISI 316 | 42,4 x 2,0 | 5 |
| CN3600630                                      | V4A; AISI 316 | 48,3 x 2,0 | 7 |

massiv

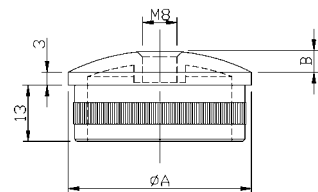
massive / moleté et plein / massicci



| #                                              | Material      | Ø A        | B   |
|------------------------------------------------|---------------|------------|-----|
| geschliffen / satin finish / brossé / satinato |               |            |     |
| CN3600300                                      | V4A; AISI 316 | 33,7 x 2,0 | 4,0 |
| CN3600310                                      | V4A; AISI 316 | 33,7 x 2,6 | 4,0 |
| CN3600320                                      | V4A; AISI 316 | 42,4 x 1,5 | 5,0 |
| CN3600330                                      | V4A; AISI 316 | 42,4 x 2,0 | 5,0 |
| CN3600340                                      | V4A; AISI 316 | 42,4 x 2,6 | 5,0 |
| CN3600350                                      | V4A; AISI 316 | 48,3 x 1,5 | 6,5 |
| CN3600360                                      | V4A; AISI 316 | 48,3 x 2,0 | 6,5 |
| CN3600370                                      | V4A; AISI 316 | 48,3 x 2,6 | 6,5 |

hohl

hollow / moleté et creux / vuoti

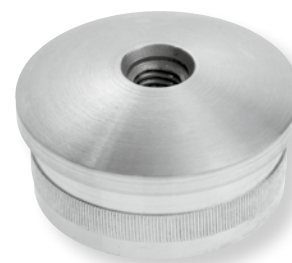
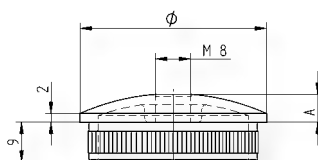


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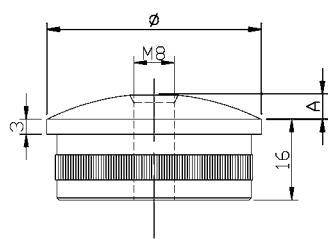
| #                                              | Material      | Ø          | A |
|------------------------------------------------|---------------|------------|---|
| geschliffen / satin finish / brossé / satinato |               |            |   |
| 260337                                         | V2A; AISI 304 | 33,7 x 2,0 | 5 |
| 260424                                         | V2A; AISI 304 | 42,4 x 2,0 | 6 |
| 260483                                         | V2A; AISI 304 | 48,3 x 2,0 | 7 |

hohl

hollow / moleté et creux / vuoti

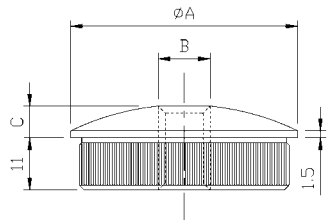






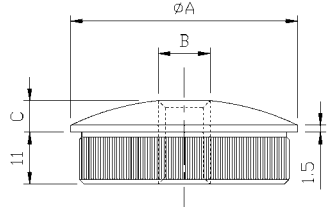
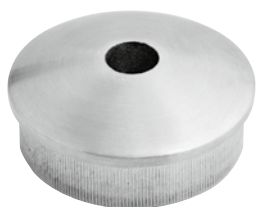
| #                                              | Material      | Ø          | A |
|------------------------------------------------|---------------|------------|---|
| geschliffen / satin finish / brossé / satinato |               |            |   |
| CN3600650                                      | V4A; AISI 316 | 33,7 x 2,0 | 4 |
| CN3600660                                      | V4A; AISI 316 | 42,4 x 2,0 | 5 |

**massiv**  
massive / moleté et plein / massicci



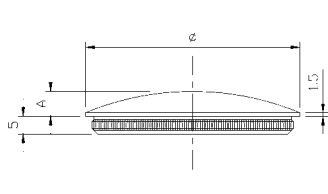
| #                                              | Material      | Ø A        | B   | C |
|------------------------------------------------|---------------|------------|-----|---|
| geschliffen / satin finish / brossé / satinato |               |            |     |   |
| CN3133720                                      | V2A; AISI 304 | 33,7 x 2,0 | M 8 | 6 |
| CN3133726                                      | V2A; AISI 304 | 33,7 x 2,6 | M 8 | 6 |
| CN3142420                                      | V2A; AISI 304 | 42,4 x 2,0 | M 8 | 7 |
| CN3142426                                      | V2A; AISI 304 | 42,4 x 2,6 | M 8 | 7 |
| CN3148320                                      | V2A; AISI 304 | 48,3 x 2,0 | M 8 | 7 |
| CN3148326                                      | V2A; AISI 304 | 48,3 x 2,6 | M 8 | 7 |

**massiv**  
massive / moleté et plein / massicci



| #                                              | Material      | Ø A        | B    | C |
|------------------------------------------------|---------------|------------|------|---|
| geschliffen / satin finish / brossé / satinato |               |            |      |   |
| CN3151000                                      | V2A; AISI 304 | 33,7 x 2,0 | 12,2 | 6 |
| CN3151100                                      | V2A; AISI 304 | 42,4 x 2,0 | 12,2 | 7 |

**massiv**  
massive / moleté et plein / massicci



| #                                              | Material      | Ø          | A |
|------------------------------------------------|---------------|------------|---|
| geschliffen / satin finish / brossé / satinato |               |            |   |
| CN3012010                                      | V2A; AISI 304 | 12,0 x 1,0 | 4 |
| CN3016010                                      | V2A; AISI 304 | 16,0 x 1,0 | 4 |
| CN3021320                                      | V2A; AISI 304 | 21,3 x 2,0 | 4 |
| CN3026920                                      | V2A; AISI 304 | 26,9 x 2,0 | 5 |
| CN3030015                                      | V2A; AISI 304 | 30,0 x 1,5 | 6 |
| CN3033720                                      | V2A; AISI 304 | 33,7 x 2,0 | 6 |
| CN3033726                                      | V2A; AISI 304 | 33,7 x 2,6 | 6 |
| CN3038015                                      | V2A; AISI 304 | 38,1 x 1,5 | 6 |
| CN3040015                                      | V2A; AISI 304 | 40,0 x 1,5 | 6 |
| CN3040020                                      | V2A; AISI 304 | 40,0 x 2,0 | 6 |
| CN3042420                                      | V2A; AISI 304 | 42,4 x 2,0 | 6 |
| CN3042426                                      | V2A; AISI 304 | 42,4 x 2,6 | 6 |
| CN3043015                                      | V2A; AISI 304 | 43,0 x 1,5 | 6 |
| CN3045015                                      | V2A; AISI 304 | 45,0 x 1,5 | 6 |
| CN3048320                                      | V2A; AISI 304 | 48,3 x 2,0 | 7 |
| CN3048326                                      | V2A; AISI 304 | 48,3 x 2,6 | 7 |
| CN3050815                                      | V2A; AISI 304 | 50,8 x 1,5 | 7 |
| CN3060320                                      | V2A; AISI 304 | 60,3 x 2,0 | 7 |
| CN3060326                                      | V2A; AISI 304 | 60,3 x 2,6 | 7 |

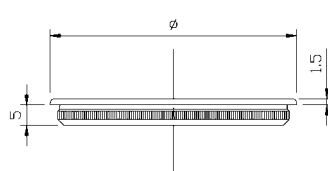
**massiv**  
massive / moleté et plein / massicci



| #                                              | Material      | Ø          |
|------------------------------------------------|---------------|------------|
| geschliffen / satin finish / brossé / satinato |               |            |
| CN2912010                                      | V2A; AISI 304 | 12,0 x 1,0 |
| CN2916010                                      | V2A; AISI 304 | 16,0 x 1,0 |
| CN2921320                                      | V2A; AISI 304 | 21,3 x 2,0 |
| CN2926920                                      | V2A; AISI 304 | 26,9 x 2,0 |
| CN2930015                                      | V2A; AISI 304 | 30,0 x 1,5 |
| CN2933720                                      | V2A; AISI 304 | 33,7 x 2,0 |
| CN2933726                                      | V2A; AISI 304 | 33,7 x 2,6 |
| CN2938115                                      | V2A; AISI 304 | 38,1 x 1,5 |
| CN2940015                                      | V2A; AISI 304 | 40,0 x 1,5 |
| CN2940020                                      | V2A; AISI 304 | 40,0 x 2,0 |
| CN2942420                                      | V2A; AISI 304 | 42,4 x 2,0 |
| CN2942426                                      | V2A; AISI 304 | 42,4 x 2,6 |
| CN2943015                                      | V2A; AISI 304 | 43,0 x 1,5 |
| CN2945015                                      | V2A; AISI 304 | 45,0 x 1,5 |
| CN2948320                                      | V2A; AISI 304 | 48,3 x 2,0 |
| CN2948326                                      | V2A; AISI 304 | 48,3 x 2,6 |
| CN2950815                                      | V2A; AISI 304 | 50,8 x 1,5 |
| CN2960320                                      | V2A; AISI 304 | 60,3 x 2,0 |

massiv

massive / moleté et plein / massicci



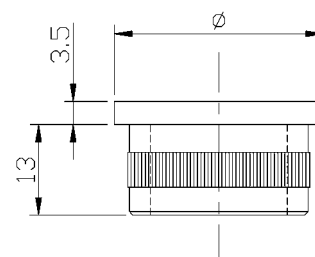
| #                                              | Material      | Ø           |
|------------------------------------------------|---------------|-------------|
| geschliffen / satin finish / brossé / satinato |               |             |
| CN3600100                                      | V4A; AISI 316 | 21,3 x 2,0  |
| CN3600110                                      | V4A; AISI 316 | 26,9 x 2,0  |
| CN3600120                                      | V4A; AISI 316 | 30,0 x 2,0  |
| CN3600130                                      | V4A; AISI 316 | 33,7 x 2,0  |
| CN3600140                                      | V4A; AISI 316 | 42,4 x 2,0  |
| CN3600150                                      | V4A; AISI 316 | 42,4 x 2,6  |
| CN3600160                                      | V4A; AISI 316 | 48,3 x 2,0  |
| CN3600170                                      | V4A; AISI 316 | 60,3 x 2,0  |
| CN3600180                                      | V4A; AISI 316 | 76,1 x 2,0  |
| CN3600190                                      | V4A; AISI 316 | 88,9 x 2,0  |
| CN3600200                                      | V4A; AISI 316 | 101,6 x 2,0 |

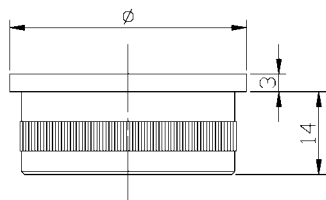
hochglanzpoliert / mirror polished / poli miroir / lucidato a specchio

|           |               |            |
|-----------|---------------|------------|
| CN3600800 | V4A; AISI 316 | 33,7 x 2,0 |
| CN3600801 | V4A; AISI 316 | 38,1 x 1,5 |
| CN3600805 | V4A; AISI 316 | 40,0 x 1,5 |
| CN3600809 | V4A; AISI 316 | 42,4 x 1,5 |
| CN3600810 | V4A; AISI 316 | 42,4 x 2,0 |
| CN3600811 | V4A; AISI 316 | 43,0 x 1,5 |
| CN3600815 | V4A; AISI 316 | 48,3 x 1,5 |
| CN3600816 | V4A; AISI 316 | 48,3 x 2,0 |
| CN3600820 | V4A; AISI 316 | 50,8 x 1,5 |

hohl

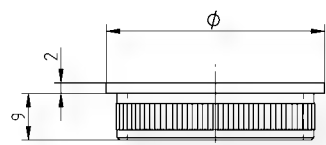
hollow / creux / vuoti





| #                                              | Material      | Ø          |
|------------------------------------------------|---------------|------------|
| geschliffen / satin finish / brossé / satinato |               |            |
| CN3600700                                      | V4A; AISI 316 | 33,7 x 2,0 |
| CN3600710                                      | V4A; AISI 316 | 40,0 x 2,0 |
| CN3600720                                      | V4A; AISI 316 | 42,4 x 2,0 |
| CN3600730                                      | V4A; AISI 316 | 48,3 x 2,0 |

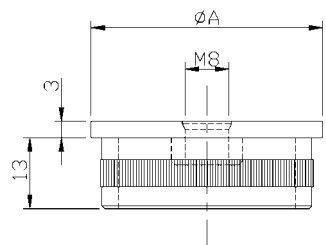
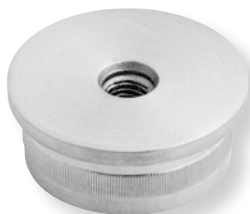
**massiv**  
massive / moleté et plein / massicci



| #                                              | Material      | Ø          |
|------------------------------------------------|---------------|------------|
| geschliffen / satin finish / brossé / satinato |               |            |
| 270337                                         | V2A; AISI 304 | 33,7 x 2,0 |
| 270424                                         | V2A; AISI 304 | 42,4 x 2,0 |
| 270483                                         | V2A; AISI 304 | 48,3 x 2,0 |

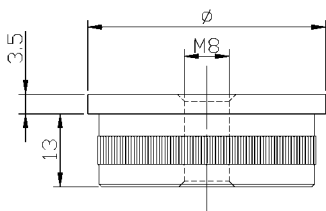
**hohl**  
hollow / creux / vuoti

8



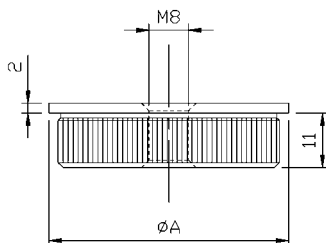
| #                                              | Material      | Ø A        |
|------------------------------------------------|---------------|------------|
| geschliffen / satin finish / brossé / satinato |               |            |
| CN3600500                                      | V4A; AISI 316 | 42,4 x 2,0 |
| CN3600510                                      | V4A; AISI 316 | 42,4 x 2,6 |

**hohl**  
hollow / creux / vuoti



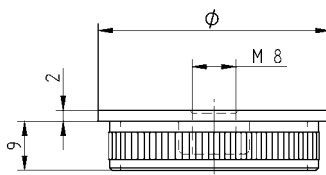
| #                                              | Material      | Ø          |
|------------------------------------------------|---------------|------------|
| geschliffen / satin finish / brossé / satinato |               |            |
| CN3600750                                      | V4A; AISI 316 | 33,7 x 2,0 |
| CN3600760                                      | V4A; AISI 316 | 42,4 x 2,0 |

**massiv** /  
massive / moleté et plein / massicci



| #                                              | Material      | Ø A        |
|------------------------------------------------|---------------|------------|
| geschliffen / satin finish / brossé / satinato |               |            |
| CN3233720                                      | V2A; AISI 304 | 33,7 x 2,0 |
| CN3233726                                      | V2A; AISI 304 | 33,7 x 2,6 |
| CN3242420                                      | V2A; AISI 304 | 42,4 x 2,0 |
| CN3242426                                      | V2A; AISI 304 | 42,4 x 2,6 |
| CN3248320                                      | V2A; AISI 304 | 48,3 x 2,0 |
| CN3248326                                      | V2A; AISI 304 | 48,3 x 2,6 |

**massiv**  
massive / moleté et plein / massicci



| #                                              | Material      | Ø          |
|------------------------------------------------|---------------|------------|
| geschliffen / satin finish / brossé / satinato |               |            |
| 275337                                         | V2A; AISI 304 | 33,7 x 2,0 |
| 275424                                         | V2A; AISI 304 | 42,4 x 2,0 |
| 275483                                         | V2A; AISI 304 | 48,3 x 2,0 |

**hohl**  
hollow / creux / vuoti

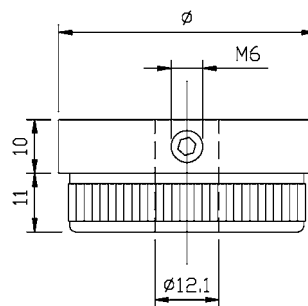
| #                                              | Material      | Ø          |
|------------------------------------------------|---------------|------------|
| geschliffen / satin finish / brossé / satinato |               |            |
| CN3163372                                      | V4A; AISI 316 | 33,7 x 2,0 |
| CN3164242                                      | V4A; AISI 316 | 42,4 x 2,0 |
| CN3164832                                      | V4A; AISI 316 | 48,3 x 2,0 |
| CN3164833                                      | V4A; AISI 316 | 48,3 x 2,6 |

**massiv**

massive / moleté et plein / massicci

**seitlicher Feststellschraube**

lateral locking screw / vis de blocage latérale / vite d'arresto laterale



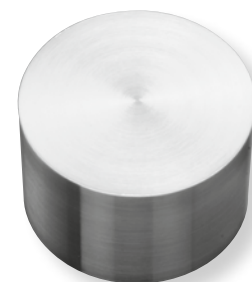
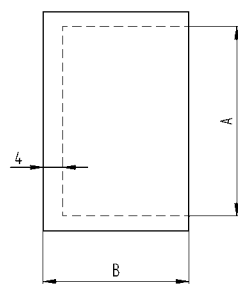
| #                                                                      | Material      | Abmessungen | A    | B  |
|------------------------------------------------------------------------|---------------|-------------|------|----|
| geschliffen / satin finish / brossé / satinato                         |               |             |      |    |
| CN5500200                                                              | V4A; AISI 316 | Ø 42,4      | 36,4 | 30 |
| CN5500210                                                              | V4A; AISI 316 | Ø 45,0      | 39,0 | 30 |
| CN5500220                                                              | V4A; AISI 316 | Ø 50,0      | 44,0 | 30 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a specchio |               |             |      |    |
| CN5500215                                                              | V4A; AISI 316 | Ø 45,0      | 39,0 | 30 |

**hohl**

hollow / creux / vuoti

**für Holzhandlauf, Materialstärke 3 mm**

for wooden handrail, material thickness 3 mm / pour main-courante en bois, épaisseur du matériau 3 mm / per corrimano in legno, spessore del materiale 3 mm



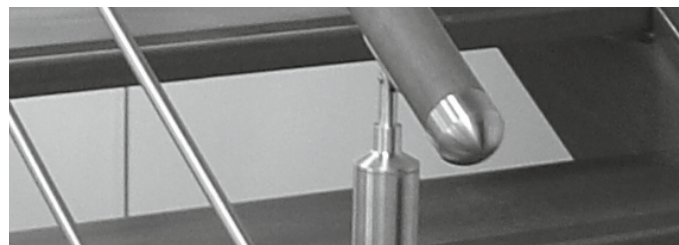
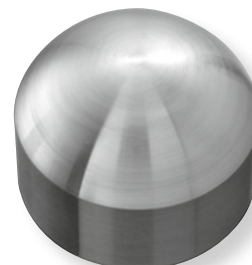
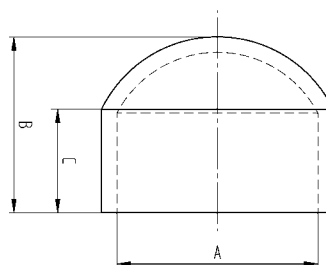
| #                                                                      | Material      | Abmessungen | A    | B  | C  |
|------------------------------------------------------------------------|---------------|-------------|------|----|----|
| geschliffen / satin finish / brossé / satinato                         |               |             |      |    |    |
| CN5500100                                                              | V4A; AISI 316 | Ø 42,4      | 36,4 | 34 | 20 |
| CN5500110                                                              | V4A; AISI 316 | Ø 45,0      | 39,0 | 34 | 20 |
| CN5500120                                                              | V4A; AISI 316 | Ø 50,0      | 44,0 | 37 | 21 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a specchio |               |             |      |    |    |
| CN5500115                                                              | V4A; AISI 316 | Ø 45,0      | 39,0 | 34 | 20 |

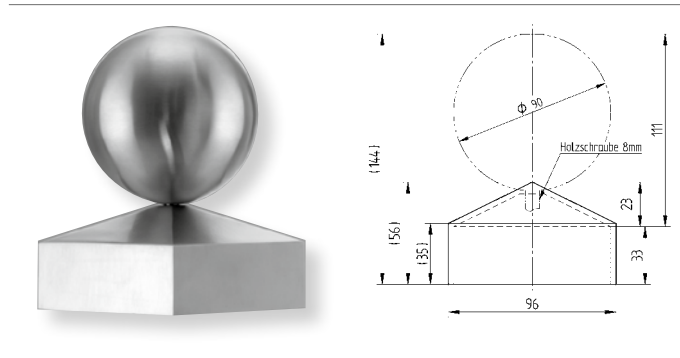
**hohl**

hollow / creux / vuoti

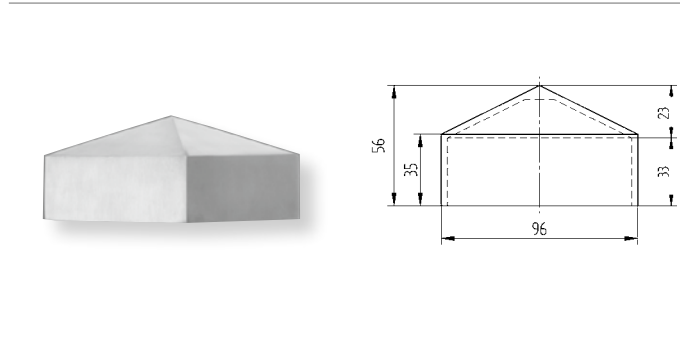
**für Holzhandlauf, Materialstärke 3 mm**

for wooden handrail, material thickness 3 mm / pour main-courante en bois, épaisseur du matériau 3 mm / per corrimano in legno, spessore del materiale 3 mm

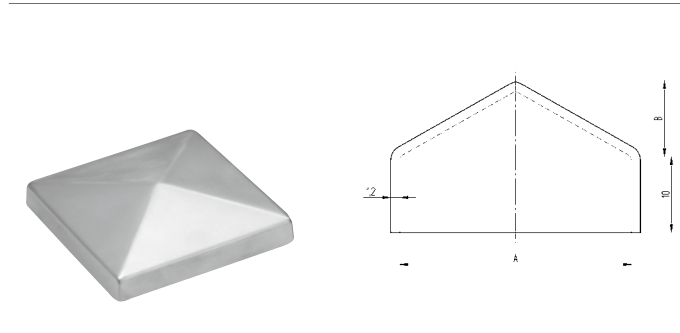




| #                                                                           | Material      |
|-----------------------------------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato                              |               |
| CN5500300                                                                   | V4A; AISI 316 |
| Zieraufsatz für Pfosten                                                     |               |
| Cap for baluster / Chapeau décor en inox pour poteaux / Terminale con sfera |               |

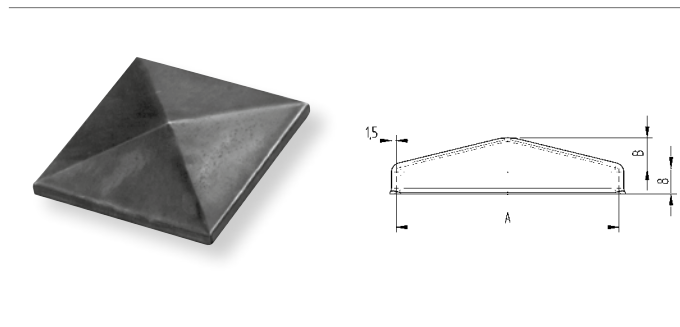


| #                                                                           | Material      |
|-----------------------------------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato                              |               |
| CN5500310                                                                   | V4A; AISI 316 |
| Zieraufsatz für Pfosten                                                     |               |
| Cap for baluster / Chapeau décor en inox pour poteaux / Terminale con sfera |               |



**Pyramidenkappen**  
pyramide caps / chapeau pyramide en inox / terminali a piramide

| #                                              | Material      | Abmessungen | A   | B  |
|------------------------------------------------|---------------|-------------|-----|----|
| geschliffen / satin finish / brossé / satinato |               |             |     |    |
| CN3500130                                      | V2A; AISI 304 | 30 x 30     | 30  | 10 |
| CN3500140                                      | V2A; AISI 304 | 40 x 40     | 40  | 10 |
| CN3500150                                      | V2A; AISI 304 | 50 x 50     | 50  | 10 |
| CN3500160                                      | V2A; AISI 304 | 60 x 60     | 60  | 10 |
| CN3500180                                      | V2A; AISI 304 | 80 x 80     | 80  | 10 |
| CN3501000                                      | V2A; AISI 304 | 100 x 100   | 100 | 14 |
| CN3501200                                      | V2A; AISI 304 | 120 x 120   | 120 | 14 |
| CN3501210                                      | V2A; AISI 304 | 150 x 150   | 150 | 14 |
| geschliffen / satin finish / brossé / satinato |               |             |     |    |
| CN3550130                                      | V4A; AISI 316 | 30 x 30     | 30  | 10 |
| CN3550140                                      | V4A; AISI 316 | 40 x 40     | 40  | 10 |
| CN3550150                                      | V4A; AISI 316 | 50 x 50     | 50  | 10 |
| CN3550160                                      | V4A; AISI 316 | 60 x 60     | 60  | 10 |
| CN3550170                                      | V4A; AISI 316 | 70 x 70     | 70  | 10 |
| CN3550180                                      | V4A; AISI 316 | 80 x 80     | 80  | 10 |
| CN3550190                                      | V4A; AISI 316 | 90 x 90     | 90  | 10 |
| CN3551000                                      | V4A; AISI 316 | 100 x 100   | 100 | 14 |



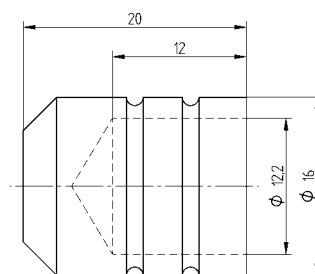
**Pyramidenkappen**  
pyramide caps / chapeau pyramide en acier / terminali a piramide  
Pyramidenkappen, Materialstärke ca. 1,5 mm, Ausführung mit geschlossenen Kanten! Rohe Ausführung garantiert verzinkungsfähig  
material thickness 1,5mm, edges closed, raw version, suitable for zinc coating / embouts pyramide, épaisseur d'env. 1,5 mm, modèle à chants fermés! modèle brut garanti apte à la galvanisation / Terminale a piramide, spessore del materiale ca. 1,5mm, angoli chiusi, versione grezza zincabile

| #                                            | Material    | A   | B    |
|----------------------------------------------|-------------|-----|------|
| roh / raw / brute / grezzo                   |             |     |      |
| 75010                                        | ST37 / Q235 | 30  | 4,5  |
| 75020                                        | ST37 / Q235 | 40  | 6,5  |
| 75030                                        | ST37 / Q235 | 50  | 6,5  |
| 75040                                        | ST37 / Q235 | 60  | 8,5  |
| 75050                                        | ST37 / Q235 | 70  | 9,5  |
| 75060                                        | ST37 / Q235 | 80  | 11,0 |
| 75070                                        | ST37 / Q235 | 90  | 12,0 |
| 75080                                        | ST37 / Q235 | 100 | 12,0 |
| 75090                                        | ST37 / Q235 | 120 | 15,0 |
| 75100                                        | ST37 / Q235 | 150 | 18,0 |
| verzinkt / zinc coated / galvanisé / zincato |             |     |      |
| 75110                                        | ST37 / Q235 | 30  | 4,5  |
| 75120                                        | ST37 / Q235 | 40  | 6,5  |
| 75130                                        | ST37 / Q235 | 50  | 6,5  |
| 75140                                        | ST37 / Q235 | 60  | 8,5  |
| 75150                                        | ST37 / Q235 | 70  | 9,5  |
| 75160                                        | ST37 / Q235 | 80  | 11,0 |
| 75170                                        | ST37 / Q235 | 90  | 12,0 |
| 75190                                        | ST37 / Q235 | 120 | 15,0 |

| #                                              | Material      | Sackbohrung |
|------------------------------------------------|---------------|-------------|
| geschliffen / satin finish / brossé / satinato |               |             |
| 450750                                         | V2A; AISI 304 | 12,2 mm     |

# Endkappen

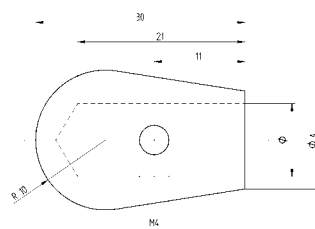
end caps / Embout de terminaison / terminali



| #                                              | Material      | Sackbohrung |
|------------------------------------------------|---------------|-------------|
| geschliffen / satin finish / brossé / satinato |               |             |
| 450700                                         | V2A; AISI 304 | 10,2        |
| 450710                                         | V2A; AISI 304 | 12,2        |

# Endkappen

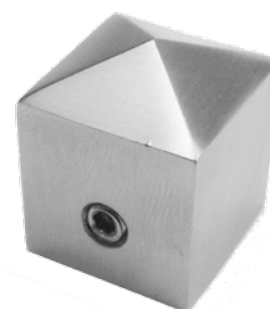
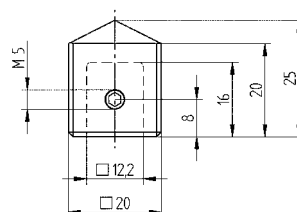
end caps / embout de terminaison / terminali



| #                                              | Material      | Sackbohrung |
|------------------------------------------------|---------------|-------------|
| geschliffen / satin finish / brossé / satinato |               |             |
| 455760                                         | V2A; AISI 304 | 12,2        |
| geschliffen / satin finish / brossé / satinato |               |             |
| 465760                                         | V4A; AISI 316 | 12,2        |

# Endkappen

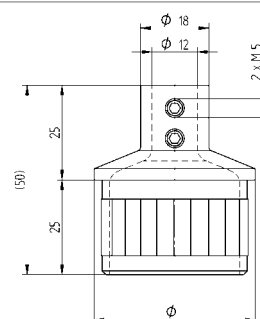
end caps / embout de terminaison / terminali



| #                                              | Material      | Abmessungen  | Ø  |
|------------------------------------------------|---------------|--------------|----|
| geschliffen / satin finish / brossé / satinato |               |              |    |
| CN3170010                                      | V2A; AISI 304 | Ø 33,7 x 2,0 | 12 |
| CN3170020                                      | V2A; AISI 304 | Ø 42,4 x 2,0 | 12 |
| CN3170030                                      | V2A; AISI 304 | Ø 48,3 x 2,0 | 12 |

# Rohraufsatz

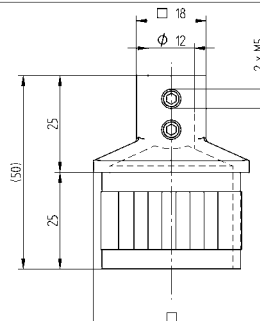
handrail support / support pour tube droit / supporto reggicorrimano

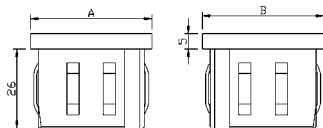
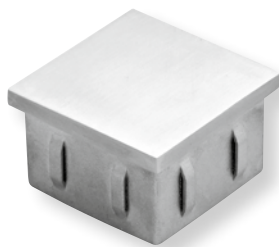


| #                                              | Material      | Abmessungen      | Ø     |
|------------------------------------------------|---------------|------------------|-------|
| geschliffen / satin finish / brossé / satinato |               |                  |       |
| CN3170110                                      | V2A; AISI 304 | 30 x 30 x 2,0 mm | 12 mm |
| CN3170120                                      | V2A; AISI 304 | 40 x 40 x 2,0 mm | 12 mm |

# Rohraufsatz

handrail support / support pour tube droit / supporto reggicorrimano

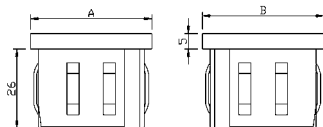
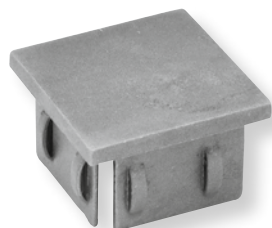




| #                                              | Material      | Wandstärke | Abmessungen A x B |
|------------------------------------------------|---------------|------------|-------------------|
| geschliffen / satin finish / brossé / satinato |               |            |                   |
| CN3960020                                      | V2A; AISI 304 | 1,25 - 2,0 | 20 x 20           |
| CN3960025                                      | V2A; AISI 304 | 1,25 - 2,0 | 25 x 25           |
| CN3960030                                      | V2A; AISI 304 | 1,25 - 2,0 | 30 x 30           |
| CN3960040                                      | V2A; AISI 304 | 1,25 - 2,0 | 40 x 40           |
| CN3960050                                      | V2A; AISI 304 | 1,25 - 2,0 | 50 x 50           |
| CN3960060                                      | V2A; AISI 304 | 1,25 - 2,0 | 60 x 60           |
| CN3960080                                      | V2A; AISI 304 | 1,25 - 2,0 | 80 x 80           |
| CN3960100                                      | V2A; AISI 304 | 1,25 - 2,0 | 100 x 100         |

hohl

hollow / creux / vuoti

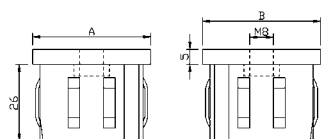
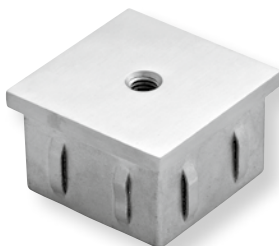


| #                         | Material    | A  | B  | Wandstärke |
|---------------------------|-------------|----|----|------------|
| Stahl/steel/acier/acciaio |             |    |    |            |
| 75706                     | ST37 / Q235 | 25 | 25 | 1,5 - 2,0  |
| 75707                     | ST37 / Q235 | 30 | 30 | 1,5 - 3,0  |
| 75708                     | ST37 / Q235 | 40 | 40 | 2,0 - 3,0  |
| 75709                     | ST37 / Q235 | 50 | 50 | 2,0 - 3,0  |
| 75710                     | ST37 / Q235 | 60 | 60 | 2,0 - 3,0  |

hohl, garantiert verzinkungsfähig

hollow, suitable for zinc coating / creux, garanti apte à la galvanisation/ zincabile / garantit per eventuale zincatura

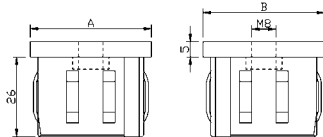
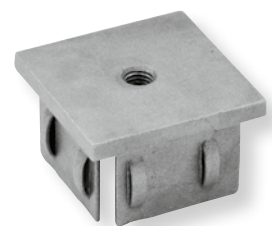
8



| #                                              | Material      | Wandstärke | Abmessungen A x B |
|------------------------------------------------|---------------|------------|-------------------|
| geschliffen / satin finish / brossé / satinato |               |            |                   |
| CN3980030                                      | V2A; AISI 304 | 1,25 - 2,0 | 30 x 30           |
| CN3980040                                      | V2A; AISI 304 | 1,25 - 2,0 | 40 x 40           |
| CN3980050                                      | V2A; AISI 304 | 1,25 - 2,0 | 50 x 50           |
| CN3980060                                      | V2A; AISI 304 | 1,25 - 2,0 | 60 x 60           |

hohl

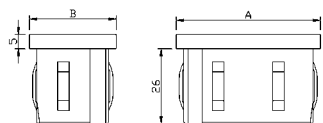
hollow / creux / vuoti



| #                         | Material    | A  | B  | Wandstärke |
|---------------------------|-------------|----|----|------------|
| Stahl/steel/acier/acciaio |             |    |    |            |
| 75778                     | ST37 / Q235 | 40 | 40 | 1,5 - 2,0  |
| 75779                     | ST37 / Q235 | 50 | 50 | 2,0 - 3,0  |
| 75780                     | ST37 / Q235 | 60 | 60 | 2,0 - 3,0  |

hohl, garantiert verzinkungsfähig

hollow, suitable for zinc coating / creux, garanti apte à la galvanisation/ zincabile / garantit per eventuale zincatura



| #                                              | Material      | Wandstärke | Abmessungen A x B |
|------------------------------------------------|---------------|------------|-------------------|
| geschliffen / satin finish / brossé / satinato |               |            |                   |
| CN3973020                                      | V2A; AISI 304 | 1,25 - 2,0 | 30 x 20           |
| CN3974020                                      | V2A; AISI 304 | 1,25 - 2,0 | 40 x 20           |
| CN3974030                                      | V2A; AISI 304 | 1,25 - 2,0 | 40 x 30           |
| CN3975030                                      | V2A; AISI 304 | 1,25 - 2,0 | 50 x 30           |
| CN3976040                                      | V2A; AISI 304 | 1,25 - 2,0 | 60 x 40           |

hohl

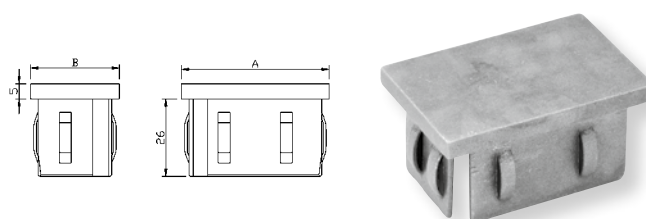
hollow / creux / vuoti



| #                         | Material    | A  | B  | Wandstärke |
|---------------------------|-------------|----|----|------------|
| Stahl/steel/acier/acciaio |             |    |    |            |
| 75755                     | ST37 / Q235 | 40 | 20 | 1,5 – 2,0  |
| 75756                     | ST37 / Q235 | 50 | 30 | 2,0 – 3,0  |
| 75757                     | ST37 / Q235 | 60 | 40 | 2,0 – 3,0  |

**hohl, garantiert verzinkungsfähig**

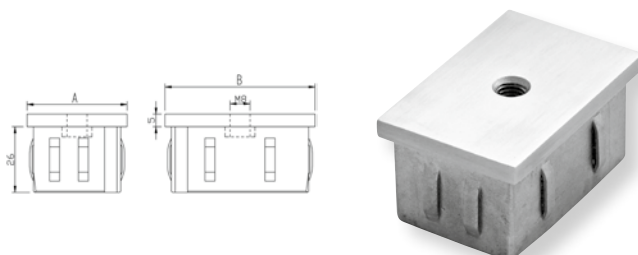
hollow, suitable for zinc coating / creux, garanti apte à la galvanisation / zincabile / garantit per eventuale zincatura



| #                                              | Material      | Wandstärke | A  | B  |
|------------------------------------------------|---------------|------------|----|----|
| geschliffen / satin finish / brossé / satinato |               |            |    |    |
| CN3994020                                      | V2A; AISI 304 | 1,25 - 2,0 | 20 | 40 |
| CN3996040                                      | V2A; AISI 304 | 1,25 - 2,0 | 40 | 60 |

**hohl**

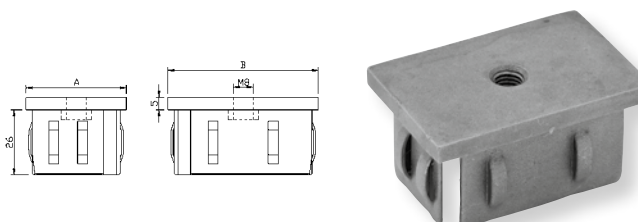
hollow / creux / vuoti



| #                         | Material    | A  | B  | Wandstärke |
|---------------------------|-------------|----|----|------------|
| Stahl/steel/acier/acciaio |             |    |    |            |
| 75785                     | ST37 / Q235 | 40 | 20 | 1,5 – 2,0  |
| 75786                     | ST37 / Q235 | 50 | 30 | 2,0 – 3,0  |
| 75787                     | ST37 / Q235 | 60 | 40 | 2,0 – 3,0  |

**hohl, garantiert verzinkungsfähig**

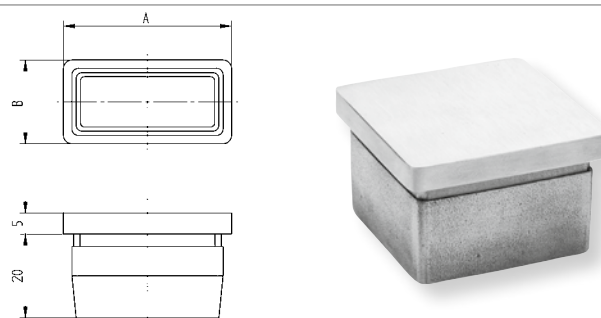
hollow, suitable for zinc coating / creux, garanti apte à la galvanisation/ zincabile / garantit per eventuale zincatura



| #                                              | Material      | A  | B  |
|------------------------------------------------|---------------|----|----|
| geschliffen / satin finish / brossé / satinato |               |    |    |
| 240310                                         | V2A; AISI 304 | 40 | 20 |
| 240330                                         | V2A; AISI 304 | 50 | 30 |
| 240340                                         | V2A; AISI 304 | 60 | 40 |
| 245325                                         | V2A; AISI 304 | 25 | 25 |
| 245330                                         | V2A; AISI 304 | 30 | 30 |
| 245340                                         | V2A; AISI 304 | 40 | 40 |
| 245360                                         | V2A; AISI 304 | 60 | 60 |

**hohl**

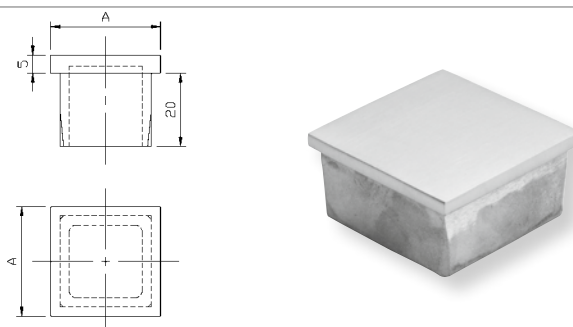
hollow / creux / vuoti



| #                                              | Material      | Abmessungen   | A  |
|------------------------------------------------|---------------|---------------|----|
| geschliffen / satin finish / brossé / satinato |               |               |    |
| CN3930020                                      | V4A; AISI 316 | 20 x 20 x 1,5 | 20 |
| CN3930025                                      | V4A; AISI 316 | 25 x 25 x 2,0 | 25 |
| CN3930030                                      | V4A; AISI 316 | 30 x 30 x 2,0 | 30 |
| CN3930040                                      | V4A; AISI 316 | 40 x 40 x 2,0 | 40 |
| CN3930050                                      | V4A; AISI 316 | 50 x 50 x 2,0 | 50 |
| CN3930060                                      | V4A; AISI 316 | 60 x 60 x 2,0 | 60 |

**hohl**

hollow / creux / vuoti



| #                                              | Material      | Abmessungen   | A  | B  |
|------------------------------------------------|---------------|---------------|----|----|
| geschliffen / satin finish / brossé / satinato |               |               |    |    |
| CN3943020                                      | V4A; AISI 316 | 30 x 20 x 2,0 | 30 | 20 |
| CN3944020                                      | V4A; AISI 316 | 40 x 20 x 2,0 | 40 | 20 |
| CN3944030                                      | V4A; AISI 316 | 40 x 30 x 2,0 | 40 | 30 |
| CN3945030                                      | V4A; AISI 316 | 50 x 30 x 2,0 | 50 | 30 |
| CN3946040                                      | V4A; AISI 316 | 60 x 40 x 2,0 | 60 | 40 |

hohl  
hollow / creux / vuoti

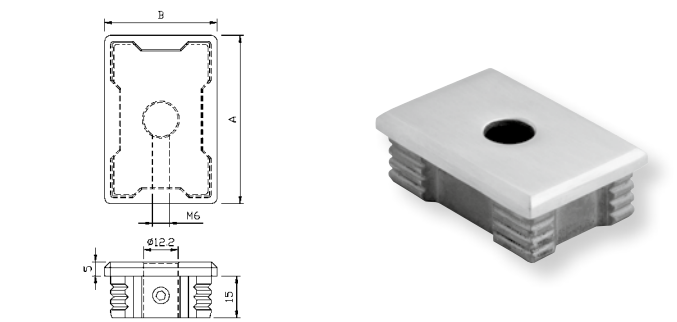
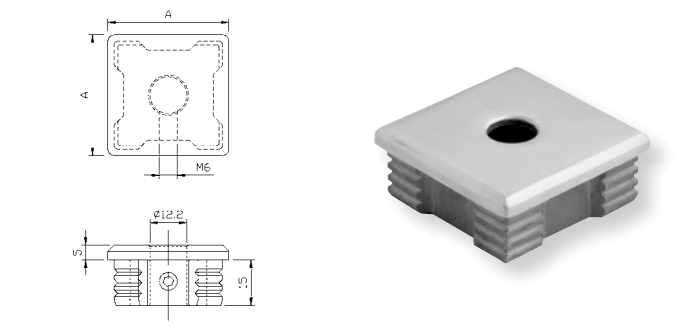
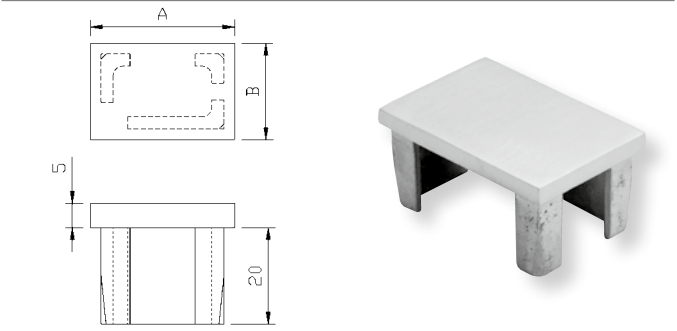
| #                                              | Material      | Abmessungen   | A  |
|------------------------------------------------|---------------|---------------|----|
| geschliffen / satin finish / brossé / satinato |               |               |    |
| CN3910030                                      | V4A; AISI 316 | 30 x 30 x 2,0 | 30 |
| CN3910040                                      | V4A; AISI 316 | 40 x 40 x 2,0 | 40 |
| CN3910050                                      | V4A; AISI 316 | 50 x 50 x 2,0 | 50 |

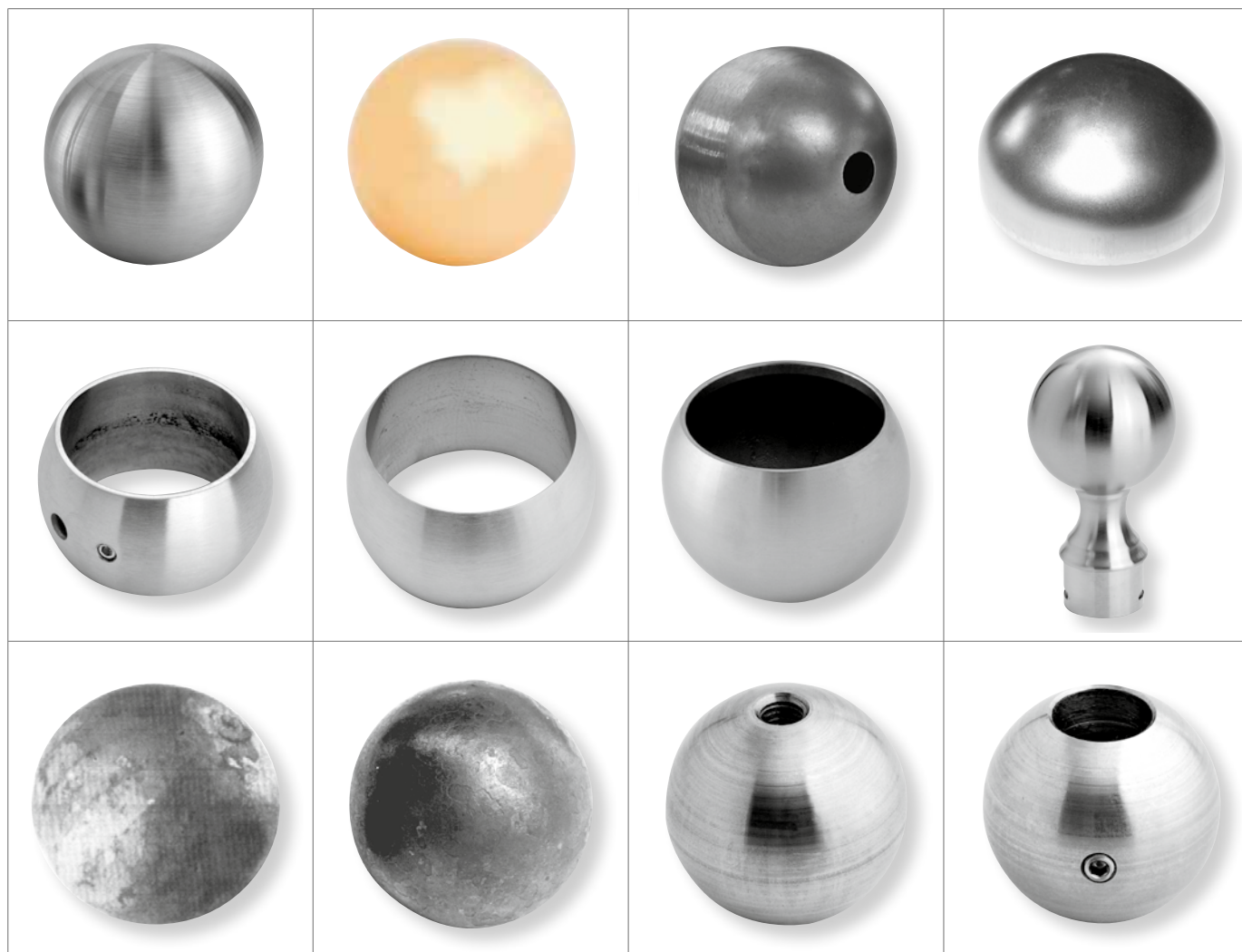
massiv  
massive / moleté et plein / massicci

| #                                              | Material      | Abmessungen   | A  | B  |
|------------------------------------------------|---------------|---------------|----|----|
| geschliffen / satin finish / brossé / satinato |               |               |    |    |
| CN3924020                                      | V4A; AISI 316 | 40 x 20 x 2,0 | 40 | 20 |
| CN3926040                                      | V4A; AISI 316 | 60 x 40 x 2,0 | 60 | 40 |

massiv  
massive / moleté et plein/ massicci

für Rechteckrohre  
for rectangular tubes / pour tube rectangulaire / per tubi rettangolari

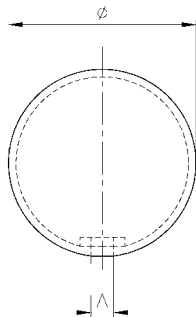




## Kugeln

Balls, Spheres / Sphères et bagues / Sfere





#### Hohlkugel mit einseitiger Gewindebuchse, Wandstärke 2,0 – 2,5

Hollow ball with thread insert, wall thickness 2,0 - 2,5 / Sphère creuse avec filetage d'un seul côté, épaisseur de paroi 2,0 – 2,5 / Sfere vuote d'acciaio inossidabile con bussola filettata, spessore lamiera 2,0 – 2,5

9

| #                                                                   | Material      | Ø   | A    |
|---------------------------------------------------------------------|---------------|-----|------|
| geschliffen / satin finish / brossé / satinata                      |               |     |      |
| 480020                                                              | V2A; AISI 304 | 20  | M 4  |
| 480022                                                              | V2A; AISI 304 | 22  | M 4  |
| 480025                                                              | V2A; AISI 304 | 25  | M 6  |
| 480030                                                              | V2A; AISI 304 | 30  | M 6  |
| 480040                                                              | V2A; AISI 304 | 40  | M 6  |
| 480050                                                              | V2A; AISI 304 | 50  | M 6  |
| 480060                                                              | V2A; AISI 304 | 60  | M 8  |
| 480080                                                              | V2A; AISI 304 | 80  | M 8  |
| 480100                                                              | V2A; AISI 304 | 100 | M 10 |
| 480120                                                              | V2A; AISI 304 | 120 | M 10 |
| 480150                                                              | V2A; AISI 304 | 150 | M 10 |
| 480200                                                              | V2A; AISI 304 | 200 | M 10 |
| CN7100300                                                           | V4A; AISI 316 | 30  | M 6  |
| CN7100400                                                           | V4A; AISI 316 | 40  | M 6  |
| CN7100500                                                           | V4A; AISI 316 | 50  | M 6  |
| CN7100600                                                           | V4A; AISI 316 | 60  | M 8  |
| CN7100700                                                           | V4A; AISI 316 | 70  | M 8  |
| CN7100800                                                           | V4A; AISI 316 | 80  | M 8  |
| CN7100900                                                           | V4A; AISI 316 | 90  | M 8  |
| CN7101000                                                           | V4A; AISI 316 | 100 | M 10 |
| CN7101200                                                           | V4A; AISI 316 | 120 | M 10 |
| CN7101500                                                           | V4A; AISI 316 | 150 | M 10 |
| CN7102000                                                           | V4A; AISI 316 | 200 | M 10 |
| hochglanzpoliert / mirror polished / poli miroir / lucidate a spec- |               |     |      |
| CN7200300                                                           | V2A; AISI 304 | 30  | M 6  |
| CN7200400                                                           | V2A; AISI 304 | 40  | M 6  |
| CN7200500                                                           | V2A; AISI 304 | 50  | M 6  |
| CN7200600                                                           | V2A; AISI 304 | 60  | M 8  |
| CN7200700                                                           | V2A; AISI 304 | 70  | M 8  |
| CN7200800                                                           | V2A; AISI 304 | 80  | M 8  |
| CN7200900                                                           | V2A; AISI 304 | 90  | M 8  |
| CN7201000                                                           | V2A; AISI 304 | 100 | M 10 |
| CN7201200                                                           | V2A; AISI 304 | 120 | M 10 |
| CN7201500                                                           | V2A; AISI 304 | 150 | M 10 |
| Messing / brazen / laiton / ottone                                  |               |     |      |
| 490030                                                              | Messing       | 30  | M 6  |
| 490040                                                              | Messing       | 40  | M 6  |
| 490050                                                              | Messing       | 50  | M 6  |
| 490060                                                              | Messing       | 60  | M 8  |
| 490070                                                              | Messing       | 70  | M 8  |
| 490080                                                              | Messing       | 80  | M 8  |
| 490090                                                              | Messing       | 90  | M 8  |
| 490100                                                              | Messing       | 100 | M 10 |
| 490120                                                              | Messing       | 120 | M 10 |
| 490150                                                              | Messing       | 150 | M 10 |
| 490200                                                              | Messing       | 200 | M 10 |



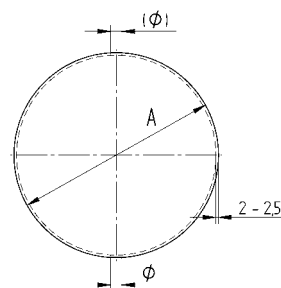
#### Hohlkugel hochglanzpoliert, Schutzlackversiegelt, mit einseitiger Gewindebuchse, Wandstärke 2,0

Hollow ball mirror polished, with one-sided thread nut, wall thickness 2,0 / Sphère creuse poli miroir, avec protection par vernis, avec filetage d'un seul côté, épaisseur de paroi 2,0 / Sfere vuote lucidate a specchio, con verniciatura trasparente e bussola filettata, spessore 2,0

| #                             | Material  | A    | Ø      |
|-------------------------------|-----------|------|--------|
| Stahl / steel / acier / ferro |           |      |        |
| 70025                         | ST37/Q235 | 25   | 1 x 6  |
| 70030                         | ST37/Q235 | 30   | 1 x 6  |
| 70040                         | ST37/Q235 | 40   | 1 x 6  |
| 70050                         | ST37/Q235 | 50   | 1 x 9  |
| 70060                         | ST37/Q235 | 60   | 1 x 9  |
| 70070                         | ST37/Q235 | 70   | 1 x 10 |
| 70080                         | ST37/Q235 | 80   | 1 x 10 |
| 70090                         | ST37/Q235 | 90   | 1 x 11 |
| 70100                         | ST37/Q235 | 100  | 1 x 11 |
| 70110                         | ST37/Q235 | 110  | –      |
| 70120                         | ST37/Q235 | 120  | 1 x 11 |
| 70150                         | ST37/Q235 | 150  | 1 x 11 |
| 70200                         | ST37/Q235 | 200  | 2 x 11 |
| 70300                         | ST37/Q235 | 300  | 2 x 11 |
| 70400                         | ST37/Q235 | 400  | 2 x 11 |
| 70500                         | ST37/Q235 | 500  | 2 x 11 |
| 71000                         | ST37/Q235 | 1000 | 2 x 11 |

**Hohlkugel** Materialstärke ca. 2 – 2,5, sauber verschliffene Schweißnaht, glatte, hochwertige Oberfläche, garantiert verzinkungsfähig

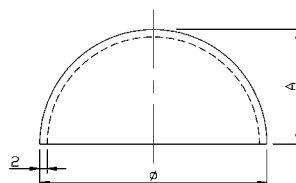
Hollow ball material thickness 2 – 2,5 mm, clean satined surface, suitable for zinc coating / Sphère creuse epaisseur env. 2 – 2,5, soudures polies, finition lisse, de qualité supérieure, garantie apte à la galvanisation / Sfere vuote sp. 2 – 2,5, saldatura levigata, zincabili

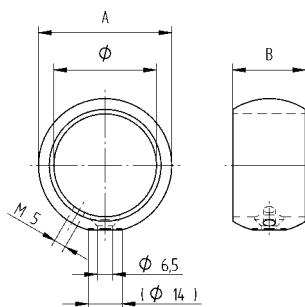


| #                                                               | Material      | Ø     | A      |
|-----------------------------------------------------------------|---------------|-------|--------|
| roh, ungeschliffen / satin finish / brut / grezza, non satinat. |               |       |        |
| CN7000100                                                       | V2A; AISI 304 | 33,7  | 16,84  |
| CN7000110                                                       | V2A; AISI 304 | 40,0  | 20,00  |
| CN7000120                                                       | V2A; AISI 304 | 48,0  | 24,00  |
| CN7000130                                                       | V2A; AISI 304 | 50,0  | 25,00  |
| CN7000140                                                       | V2A; AISI 304 | 60,0  | 30,00  |
| CN7000150                                                       | V2A; AISI 304 | 70,0  | 35,00  |
| CN7000160                                                       | V2A; AISI 304 | 80,0  | 40,00  |
| CN7000170                                                       | V2A; AISI 304 | 90,0  | 45,00  |
| CN7000180                                                       | V2A; AISI 304 | 100,0 | 50,00  |
| CN7000190                                                       | V2A; AISI 304 | 120,0 | 60,00  |
| CN7000200                                                       | V2A; AISI 304 | 150,0 | 75,00  |
| CN7000210                                                       | V2A; AISI 304 | 200,0 | 100,00 |

**Halbhohlkugel**

hollow half ball / demi-sphère creuse / semisfera vuota





| #                                              | Material      | Ø    | Ø A | B  | Ø 14 |
|------------------------------------------------|---------------|------|-----|----|------|
| geschliffen / satin finish / brossé / satinato |               |      |     |    |      |
| 460424                                         | V2A; AISI 304 | 42,4 | 55  | 30 | ✓    |
| geschliffen / satin finish / brossé / satinato |               |      |     |    |      |
| CN7500300                                      | V4A; AISI 316 | 33,7 | 45  | 30 | –    |
| CN7500310                                      | V4A; AISI 316 | 42,4 | 55  | 30 | –    |
| CN7500320                                      | V4A; AISI 316 | 48,3 | 61  | 35 | –    |

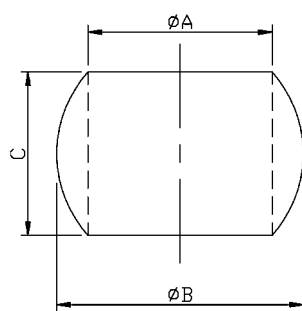
**Kugelring**

ball ring / bague pour tube / anello sferico

mit Senkung für M6 und seitlicher Feststellschraube M5

one side M6 drilling / avec trou M6 d'un côté et vis de blocage latérale M5 / foro con svasatura per M6 e con grano filettato M5

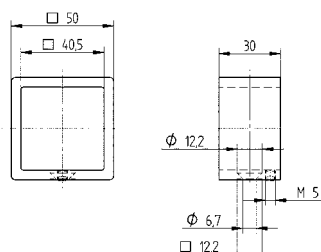
9



| #                                              | Material      | Ø A  | Ø B   | C  |
|------------------------------------------------|---------------|------|-------|----|
| geschliffen / satin finish / brossé / satinato |               |      |       |    |
| CN7500200                                      | V4A; AISI 316 | 33,7 | 45,12 | 30 |
| CN7500210                                      | V4A; AISI 316 | 42,4 | 51,94 | 30 |
| CN7500220                                      | V4A; AISI 316 | 48,3 | 62,71 | 40 |
| CN7500230                                      | V4A; AISI 316 | 60,3 | 75,24 | 45 |

**Kugelring**

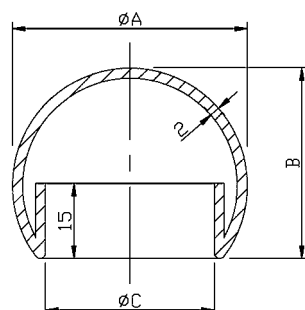
ball ring / bague pour tube / anello sferico



| #                                              | Material      | Abmessungen |
|------------------------------------------------|---------------|-------------|
| geschliffen / satin finish / brossé / satinato |               |             |
| 240400                                         | V2A; AISI 304 | 40          |
| geschliffen / satin finish / brossé / satinato |               |             |
| 240450                                         | V4A; AISI 316 | 40          |

**Rohraufsatz**

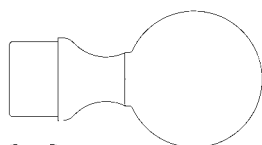
handrail support / bague pour tube carré / supporto per tubo



| #                                              | Material      | Ø C  | Ø A  | B  |
|------------------------------------------------|---------------|------|------|----|
| geschliffen / satin finish / brossé / satinato |               |      |      |    |
| CN7500100                                      | V4A; AISI 316 | 33,7 | 47,0 | 38 |
| CN7500110                                      | V4A; AISI 316 | 42,4 | 55,0 | 44 |
| CN7500120                                      | V4A; AISI 316 | 48,3 | 64,5 | 52 |
| CN7500130                                      | V4A; AISI 316 | 60,3 | 78,0 | 62 |

**Rohrabschlusskugel**

post top / demi-sphère creuse / terminale sferico



| #                                              | Material      | Abmessung  | A  | B   |
|------------------------------------------------|---------------|------------|----|-----|
| geschliffen / satin finish / brossé / satinato |               |            |    |     |
| CN4570900                                      | V4A; AISI 316 | 42,4 x 2,0 | 70 | 104 |
| CN4570910                                      | V4A; AISI 316 | 48,3 x 2,0 | 80 | 114 |

**Kugelaufsatz**

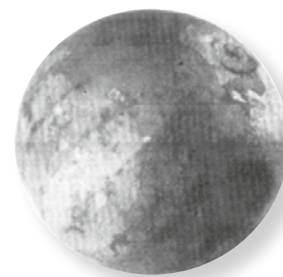
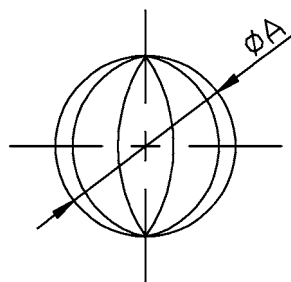
post top / embout avec sphère / terminale sferico



| #                              | Material  | Ø   |
|--------------------------------|-----------|-----|
| Stahl / steel / acier / ferro. |           |     |
| 73220                          | ST37/Q235 | 20  |
| 73225                          | ST37/Q235 | 25  |
| 73230                          | ST37/Q235 | 30  |
| 73240                          | ST37/Q235 | 40  |
| 73250                          | ST37/Q235 | 50  |
| 73260                          | ST37/Q235 | 60  |
| 73270                          | ST37/Q235 | 70  |
| 73299                          | ST37/Q235 | 100 |

**Vollkugel geschmiedet, Eisen massiv**

solid sphere / Sphère pleine forgée, massif acier / Sfere forgiata piena



| #                             | Material  | Ø   |
|-------------------------------|-----------|-----|
| Stahl / steel / acier / ferro |           |     |
| 73120                         | ST37/Q235 | 20  |
| 73125                         | ST37/Q235 | 25  |
| 73130                         | ST37/Q235 | 30  |
| 73135                         | ST37/Q235 | 35  |
| 73140                         | ST37/Q235 | 40  |
| 73150                         | ST37/Q235 | 50  |
| 73160                         | ST37/Q235 | 60  |
| 73170                         | ST37/Q235 | 70  |
| 73180                         | ST37/Q235 | 80  |
| 73190                         | ST37/Q235 | 90  |
| 73195                         | ST37/Q235 | 100 |

**Vollkugel glatt, Eisen massiv**

solid sphere / Sphère pleine lisse, massif acier / Sfere lisciate piena



| #                                              | Material      | Ø  | A   | B  |
|------------------------------------------------|---------------|----|-----|----|
| drehblank / raw / tourné brut / tornite grezze |               |    |     |    |
| CN7400100                                      | V2A; AISI 304 | 15 | M 6 | 9  |
| CN7400110                                      | V2A; AISI 304 | 20 | M 6 | 12 |
| CN7400120                                      | V2A; AISI 304 | 25 | M 6 | 15 |
| CN7400130                                      | V2A; AISI 304 | 30 | M 6 | 15 |
| CN7400140                                      | V2A; AISI 304 | 40 | M 8 | 15 |

**drehblank / raw / tourné brut / tornite grezze**

|        |               |    |     |    |
|--------|---------------|----|-----|----|
| 450400 | V2A; AISI 304 | 15 | M 6 | 9  |
| 450350 | V2A; AISI 304 | 20 | M 6 | 12 |
| 450300 | V2A; AISI 304 | 25 | M 6 | 15 |
| 450250 | V2A; AISI 304 | 30 | M 6 | 15 |
| 450200 | V2A; AISI 304 | 40 | M 8 | 15 |

**drehblank / raw / tourné brut / tornite grezze**

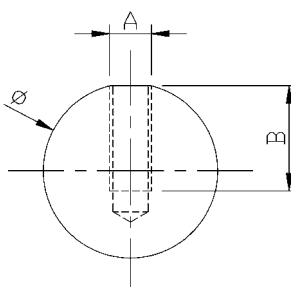
|           |               |    |     |    |
|-----------|---------------|----|-----|----|
| CN7400150 | V4A; AISI 316 | 50 | M 8 | 15 |
| CN7400160 | V4A; AISI 316 | 60 | M10 | 15 |

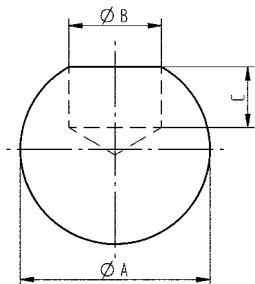
**hochglanzpoliert / mirror polished / poli miroir / lucidate a spec-**

|           |               |    |     |    |
|-----------|---------------|----|-----|----|
| CN7300415 | V2A; AISI 304 | 15 | M 6 | 9  |
| CN7300416 | V2A; AISI 304 | 20 | M 6 | 12 |
| CN7300417 | V2A; AISI 304 | 25 | M 6 | 15 |
| CN7300418 | V2A; AISI 304 | 30 | M 6 | 15 |
| CN7300419 | V2A; AISI 304 | 40 | M 8 | 15 |
| CN7300420 | V2A; AISI 304 | 50 | M 8 | 15 |

**Vollkugel mit einseitigem Sackgewinde**

Full ball with one-sided stud thread / Sphère pleine avec trou borgne taraudé d'un côté / Sfere piena con foro cieco filettato

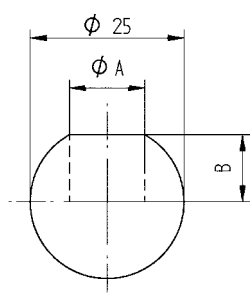



**Vollkugel mit einseitigem Sackloch**

Full ball with blind hole / Sphère pleine avec trou borgne d'un côté / Sfere piena con foro cieco

| #                                                                   | Material      | Ø A | Ø B  | C    |
|---------------------------------------------------------------------|---------------|-----|------|------|
| drehblank / raw / tourné brut / tornite grezze                      |               |     |      |      |
| CN7400200                                                           | V2A; AISI 304 | 20  | 10,2 | 8,0  |
| CN7400210                                                           | V2A; AISI 304 | 20  | 12,2 | 8,0  |
| CN7400230                                                           | V2A; AISI 304 | 25  | 12,2 | 8,0  |
| CN7400240                                                           | V2A; AISI 304 | 25  | 14,2 | 8,0  |
| drehblank / raw / tourné brut / tornite grezze                      |               |     |      |      |
| 450450                                                              | V2A; AISI 304 | 20  | 10,2 | 10,0 |
| 450500                                                              | V2A; AISI 304 | 20  | 12,2 | 10,0 |
| 450510                                                              | V2A; AISI 304 | 20  | 14,2 | 9,0  |
| 450550                                                              | V2A; AISI 304 | 25  | 12,2 | 15,0 |
| 450600                                                              | V2A; AISI 304 | 25  | 14,2 | 13,0 |
| 450610                                                              | V2A; AISI 304 | 30  | 10,2 | 13,0 |
| 450620                                                              | V2A; AISI 304 | 30  | 12,2 | 19,0 |
| 450630                                                              | V2A; AISI 304 | 30  | 14,2 | 19,0 |
| hochglanzpoliert / mirror polished / poli miroir / lucidate a spec- |               |     |      |      |
| CN7300020                                                           | V2A; AISI 304 | 20  | 10,2 | 10,0 |
| CN7300021                                                           | V2A; AISI 304 | 20  | 12,2 | 10,0 |
| CN7300025                                                           | V2A; AISI 304 | 25  | 12,2 | 15,0 |
| CN7300026                                                           | V2A; AISI 304 | 25  | 14,2 | 13,0 |

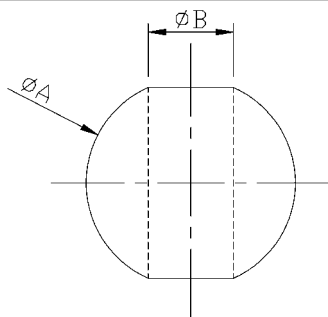
9



| #                              | Material  | Ø A  | B    |
|--------------------------------|-----------|------|------|
| Stahl / steel / acier / ferrot |           |      |      |
| 73450                          | ST37/Q235 | 10,2 | 11,0 |
| 73460                          | ST37/Q235 | 12,2 | 11,0 |
| 73470                          | ST37/Q235 | 14,2 | 11,0 |

**Vollkugel mit einseitigem Sackloch**

Full ball with blind hole / Sphère pleine avec trou borgne d'un côté / Sfere piena con foro cieco



| #                                                                   | Material      | Ø A | Ø B  |
|---------------------------------------------------------------------|---------------|-----|------|
| drehblank / raw / tourné brut / tornite grezze                      |               |     |      |
| CN7400300                                                           | V2A; AISI 304 | 20  | 10,2 |
| CN7400310                                                           | V2A; AISI 304 | 25  | 10,2 |
| CN7400320                                                           | V2A; AISI 304 | 25  | 12,2 |
| CN7400330                                                           | V2A; AISI 304 | 25  | 14,2 |
| CN7400340                                                           | V2A; AISI 304 | 30  | 10,2 |
| CN7400350                                                           | V2A; AISI 304 | 30  | 12,2 |
| CN7400360                                                           | V2A; AISI 304 | 30  | 14,2 |
| hochglanzpoliert / mirror polished / poli miroir / lucidate a spec- |               |     |      |
| CN7300120                                                           | V2A; AISI 304 | 20  | 10,2 |
| CN7300121                                                           | V2A; AISI 304 | 25  | 10,2 |
| CN7300125                                                           | V2A; AISI 304 | 25  | 12,2 |
| CN7300126                                                           | V2A; AISI 304 | 25  | 14,2 |
| CN7300130                                                           | V2A; AISI 304 | 30  | 10,2 |
| CN7300131                                                           | V2A; AISI 304 | 30  | 12,2 |
| CN7300132                                                           | V2A; AISI 304 | 30  | 14,2 |
| drehblank / raw / tourné brut / tornite grezze.                     |               |     |      |
| 450640                                                              | V2A; AISI 304 | 25  | 10,2 |
| 450650                                                              | V2A; AISI 304 | 25  | 12,2 |
| 450660                                                              | V2A; AISI 304 | 25  | 14,2 |
| 450670                                                              | V2A; AISI 304 | 30  | 10,2 |
| 450680                                                              | V2A; AISI 304 | 30  | 12,2 |
| 450690                                                              | V2A; AISI 304 | 30  | 14,2 |
| 450695                                                              | V2A; AISI 304 | 30  | 16,2 |
| 450800                                                              | V2A; AISI 304 | 35  | 20,2 |

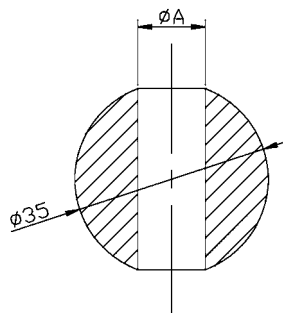
**Vollkugel mit Durchgangsbohrung**

Full ball with through hole / Sphère pleine avec trou débouchant / Sfere piena con foro passante

| #                             | Material  | Ø A  |
|-------------------------------|-----------|------|
| Stahl / steel / acier / ferro |           |      |
| 73400                         | ST37/Q235 | 10,2 |
| 73410                         | ST37/Q235 | 12,2 |
| 73420                         | ST37/Q235 | 14,2 |

**Vollkugel mit Durchgangsbohrung**

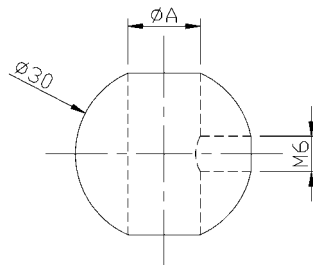
Full ball with through hole / Sphère pleine avec trou débouchant / Sfere piene con foro passante



| #                                                                   | Material      | Ø A  |
|---------------------------------------------------------------------|---------------|------|
| drehblank / raw / tourné brut / tornite grezze                      |               |      |
| CN7400410                                                           | V2A; AISI 304 | 12,2 |
| hochglanzpoliert / mirror polished / poli miroir / lucidate a spec- |               |      |
| CN7300230                                                           | V2A; AISI 304 | 12,2 |

**Vollkugel mit seitlicher Stellschraube M6, Durchgangsbohrung**

Full ball with location screw M6 drilling / Sphère pleine avec vis de réglage latérale M6, trou débouchant / Sfere piene con foro passante e grano laterale M6





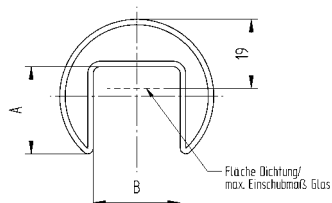
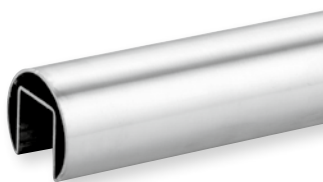


10

## Nutrohre

Slotted stainless tubes / Tubes à gorge / Tubo scanalato





| #                                                                   | Material      | A          | B     |
|---------------------------------------------------------------------|---------------|------------|-------|
| geschliffen / satin finish / brossé / satinato                      |               |            |       |
| CN1000424                                                           | V2A; AISI 304 | 42,4 x 1,5 | 24 24 |
| CN1000483                                                           | V2A; AISI 304 | 48,3 x 1,5 | 30 27 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |            |       |
| CN2500424                                                           | V2A; AISI 304 | 42,4 x 1,5 | 24 24 |
| CN2500483                                                           | V2A; AISI 304 | 48,3 x 1,5 | 30 27 |
| geschliffen / satin finish / brossé / satinato                      |               |            |       |
| CN1100424                                                           | V4A; AISI 316 | 42,4 x 1,5 | 24 24 |
| CN1100483                                                           | V4A; AISI 316 | 48,3 x 1,5 | 30 27 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |            |       |
| CN2550424                                                           | V4A; AISI 316 | 42,4 x 1,5 | 24 24 |
| CN2550483                                                           | V4A; AISI 316 | 48,3 x 1,5 | 30 27 |

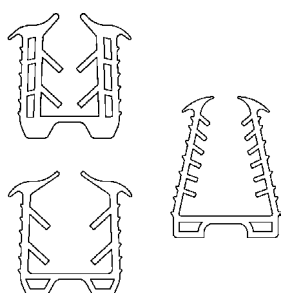
#### Nutrohr

slotted stainless tube / Tube à gorge / Tubo scanalato

Herstellungslänge à 6000 mm, einzeln mit Schutzfolie beschichtet

supplied in 6000 mm lengths, individually coated with protection foil / longueur de fabrication 6000 mm, revêtu individuellement d'un film protecteur / lunghezza di produzione da 6000 mm, rivestito singolarmente con pellicola protettiva

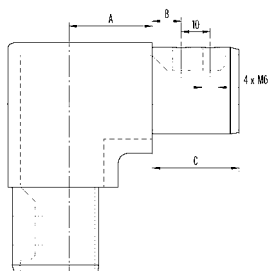
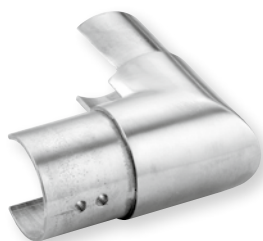
NEW



| #         | Material | für Glasstärke  | für Nut | Rolle à |
|-----------|----------|-----------------|---------|---------|
| CN1999100 | EPDM     | 8,00 - 10,76    | 24 x 24 | 30 m    |
| CN1999200 | EPDM     | 12,00 - 16,76   | 24 x 24 | 30 m    |
| CN1999300 | EPDM     | > 16,76 - 18,00 | 24 x 24 | 30 m    |
| CN1999350 | EPDM     | > 18,00 - 21,52 | 24 x 24 | 30 m    |
| CN1999360 | VMQ      | 21,52           | 24 x 24 | 50 m    |
| CN1999400 | EPDM     | 12,00 - 13,00   | 30 x 27 | 30 m    |
| CN1999500 | EPDM     | 14,00 - 18,00   | 30 x 27 | 30 m    |
| CN1999650 | EPDM     | > 18,00 - 21,52 | 30 x 27 | 30 m    |

#### Dichtung

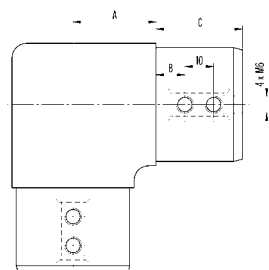
Rubber insert / Joint / Guarnizione



| #                                                                   | Material      | A          | B     | C  |
|---------------------------------------------------------------------|---------------|------------|-------|----|
| geschliffen / satin finish / brossé / satinato                      |               |            |       |    |
| CN1500100                                                           | V4A; AISI 316 | 42,4 x 1,5 | 29 10 | 30 |
| CN1500110                                                           | V4A; AISI 316 | 48,3 x 1,5 | 35 15 | 40 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |            |       |    |
| CN2501424                                                           | V4A; AISI 316 | 42,4 x 1,5 | 29 10 | 30 |
| CN2501483                                                           | V4A; AISI 316 | 48,3 x 1,5 | 35 15 | 40 |

#### Eckbogen

90° elbow mitre vertical / Raccord coudé 90° vertical / Raccordo angolare verticale 90°



| #                                                                   | Material      | A          | B     | C  |
|---------------------------------------------------------------------|---------------|------------|-------|----|
| geschliffen / satin finish / brossé / satinato                      |               |            |       |    |
| CN1400100                                                           | V4A; AISI 316 | 42,4 x 1,5 | 29 10 | 30 |
| CN1400110                                                           | V4A; AISI 316 | 48,3 x 1,5 | 35 15 | 40 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |            |       |    |
| CN2502424                                                           | V4A; AISI 316 | 42,4 x 1,5 | 29 10 | 30 |
| CN2502483                                                           | V4A; AISI 316 | 48,3 x 1,5 | 35 15 | 40 |

#### Eckbogen horizontal

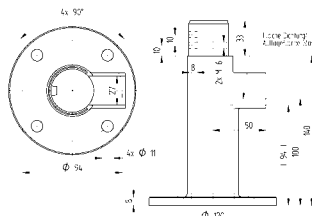
90° elbow mitre horizontal / Raccord coudé 90° horizontal / Raccordo angolare orizzontale 90°





**Bodenhalterungen**

Floor Mounting / Platine simple / Supporto di base



## # Material

geschliffen / satin finish / brossé / satinato

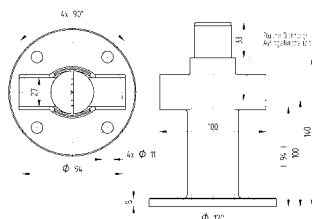
CN1700100 V4A; AISI 316 48,3 x 1,5

**Bodenhalterung**

Floor Mounting / Platine simple / Supporto di base

**Endstück mit U-Ausleger, Glas frei schwebend**

Floor mounting / Élément de base avec support en U, verre suspendu / Elemento terminale con scalmo a U, vetro liberamente sospeso



## # Material

geschliffen / satin finish / brossé / satinato

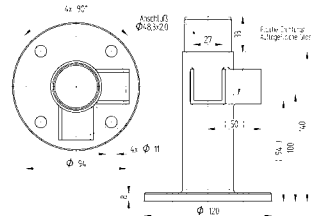
CN1700110 V4A; AISI 316 43 x 48,3 x 1,5

**Bodenhalterung**

Floor Mounting / Platine simple / Supporto di base

**Mittelstück mit U-Ausleger, Glas frei schwebend**

Floor mounting / Élément central avec support en U, verre suspendu / Elemento centrale con scalmo a U, vetro liberamente sospeso



## # Material

geschliffen / satin finish / brossé / satinato

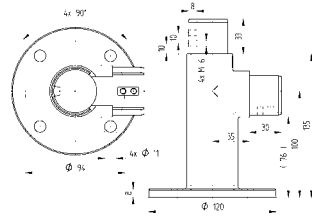
CN1700120 V4A; AISI 316 48,3 x 2,0

**Bodenhalterung**

Floor Mounting / Platine simple / Supporto di base

**Eckstück mit U-Ausleger, Glas frei schwebend**

Floor mounting / Élément d'angle avec support en U, verre suspendu / Elemento d'angolo con scalmo a U, vetro liberamente sospeso



## # Material

geschliffen / satin finish / brossé / satinato

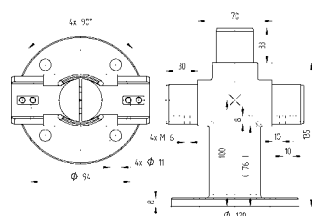
CN1700500 V4A; AISI 316 48,3 x 1,5

**Bodenhalterung**

Floor Mounting / Platine simple / Supporto di base

**Endstück mit Anschluss Nutrohr, Glas eingefasst**

Floor mounting / Platine simple pour raccord tube à gorge, verre encastré / Elemento terminale con attacco per tubo scanalato



## # Material

geschliffen / satin finish / brossé / satinato

CN1700510 V4A; AISI 316 48,3 x 1,5

**Bodenhalterung**

Floor Mounting / Platine simple / Supporto di base

**Mittelstück mit Anschluss Nutrohr, Glas eingefasst**

Floor mounting / Platine double pour raccord tube à gorge, verre encastré / Elemento centrale con attacco per tubo scanalato

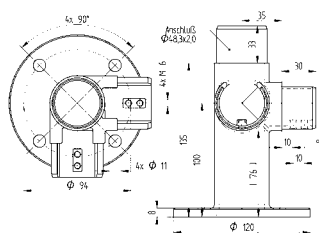
| #                                              | Material      |            |
|------------------------------------------------|---------------|------------|
| geschliffen / satin finish / brossé / satinato |               |            |
| CN1700520                                      | V4A; AISI 316 | 48,3 x 1,5 |

#### Bodenhalterung

Floor Mounting / Platine simple / Supporto di base

#### Eckstück mit Anschluss Nutrohr, Glas eingefasst

Floor mounting / Platine Élément élément d'angle pour raccord tube à gorge, verre encastré / Elemento d'angolo con attacco per tubo scanalato



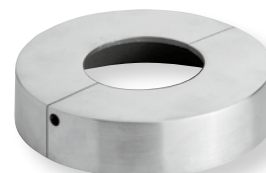
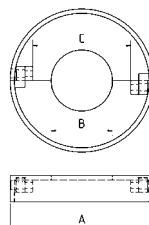
| #                                              | Material      | A   | B  | C  | D  | E  |
|------------------------------------------------|---------------|-----|----|----|----|----|
| geschliffen / satin finish / brossé / satinato |               |     |    |    |    |    |
| CN8000190                                      | V4A; AISI 316 | 125 | 49 | 99 | 16 | 25 |

#### Rosette

Base cover / Cache-Platine / Copriflangia in due pezzi

#### zweiteilig, für Bodenhalterungen

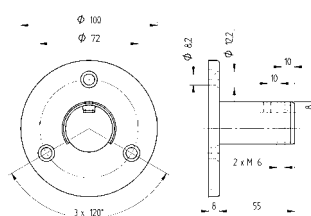
2-parts, floor mounting / en deux parties assemblables pour platines / in 2 parti, facilita l'installazione su montanti già assemblati



| #                                                                   | Material      |            |
|---------------------------------------------------------------------|---------------|------------|
| geschliffen / satin finish / brossé / satinato                      |               |            |
| CN1800100                                                           | V4A; AISI 316 | 42,4 x 1,5 |
| CN1800200                                                           | V4A; AISI 316 | 48,3 x 1,5 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |            |
| CN2505424                                                           | V4A; AISI 316 | 42,4 x 1,5 |
| CN2505483                                                           | V4A; AISI 316 | 48,3 x 1,5 |

#### Wandanker

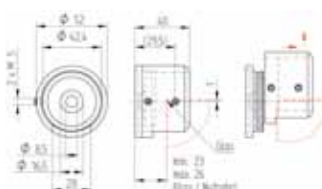
Wall anchor / Fixation murale / ancoraggio laterale



| #                                              | Material      |                                  |
|------------------------------------------------|---------------|----------------------------------|
| geschliffen / satin finish / brossé / satinato |               |                                  |
| CN8760100                                      | V4A; AISI 316 | Ø 42,4 mm links / left / gauche  |
| CN8760110                                      | V4A; AISI 316 | Ø 42,4 mm rechts / right/ droite |

#### Wandanschluss

Wall Mounting / Fixation murale gauche et droite / ancoraggio a muro



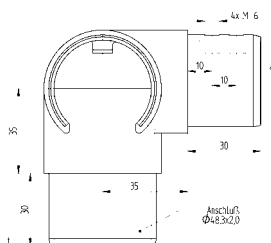
| #                                              | Material      |            |
|------------------------------------------------|---------------|------------|
| geschliffen / satin finish / brossé / satinato |               |            |
| CN1400120                                      | V4A; AISI 316 | 48,3 x 1,5 |

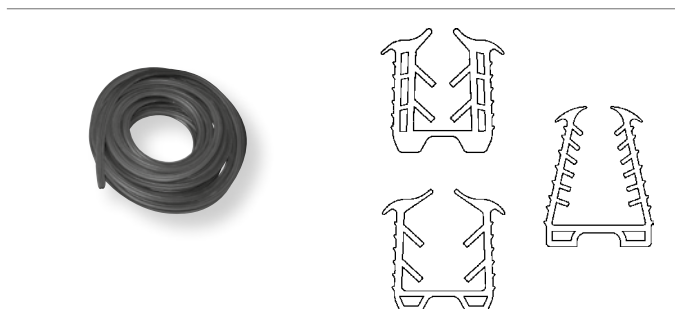
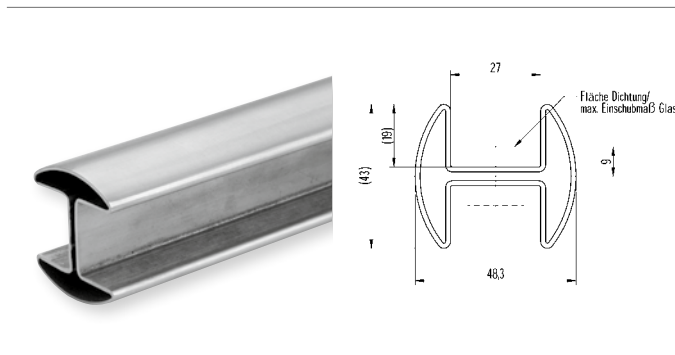
#### Eckverbinder

3 way corner connector / Raccord d'angle / Connettore angolare

#### mit senkrechtem Abgang auf Rundrohr 48,3 x 2,0 mm

for slotted tube 48,3 x 1,5 mm and for tube 48,3 x 2,0 mm / à sortie verticale sur tube rond 48,3 x 2,0 mm / con uscita verticale su tubo circolare 48,3 x 2,0 mm





**Universaladapterstecker**  
 Universal adapter nut / Raccord adaptateur mâle universel / Connettore universale  
**für Kombination Nutrohr auf Rundrohr sowie Kombination der Universaladapter-**  
**stecker**  
 for combination of groove tube on round tube with Grosinox fittings, according to  
 the respective diameter / pour combiner le tube à gorge et le tube rond / per com-  
 binazione tubo scanalato e tubo circolare nonché combinazione con connettore  
 universale

**Doppelnutrohr**  
Slotted tube double / Tube à double gorge / Tubo con doppia scanalatura

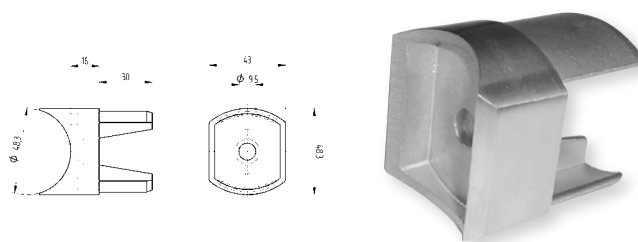
**Herstellungslänge à 6000 mm, einzeln mit Schutzfolie beschichtet**  
production length at 6000 mm, individually coated with protection foil / longueur de fabrication 6000 mm revêtu individuellement d'un film protecteur / Lunghezza di produzione da 6000 mm. rivestito singolarmente con pellicola protettiva

**Dichtung**  
Rubber insert / Joint / Guarnizione

| #                                              | Material      |            |
|------------------------------------------------|---------------|------------|
| geschliffen / satin finish / brossé / satinato |               |            |
| CN1200410                                      | V4A; AISI 316 | 48,3 x 1,5 |

#### Adapter zu Doppelnutrohr

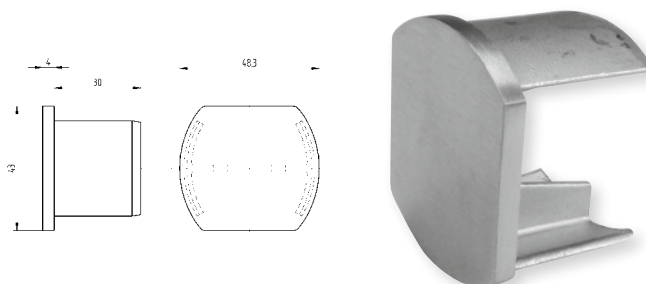
Adaptor / Adaptateur pour tube à double gorge / Adattatore per tubo con doppia scanalatura



| #                                              | Material      |            |
|------------------------------------------------|---------------|------------|
| geschliffen / satin finish / brossé / satinato |               |            |
| CN1200430                                      | V4A; AISI 316 | 48,3 x 1,5 |

#### Endkappe zu Doppelnutrohr

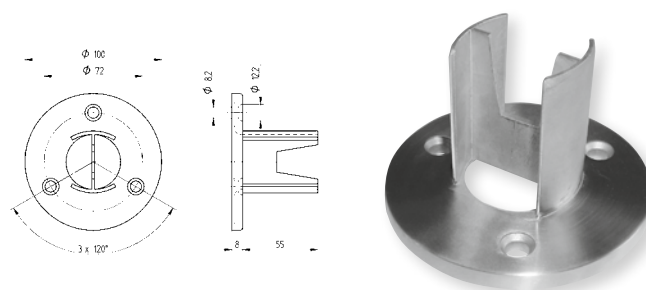
End cap / Embout pour tube à double gorge / terminali piatti per tubo con doppia scanalatura



| #                                              | Material      |            |
|------------------------------------------------|---------------|------------|
| geschliffen / satin finish / brossé / satinato |               |            |
| CN1200420                                      | V4A; AISI 316 | 48,3 x 1,5 |

#### Bodenflansch zu Doppelnutrohr

Wall/ floor flange / Fixation murale, pour tube à double gorge / flange per tubo con doppia scanalatura



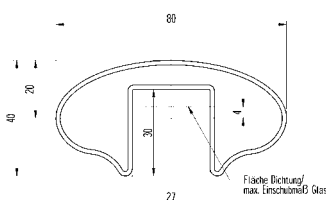
| #                                              | Material      |               |
|------------------------------------------------|---------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |               |
| CN2800000                                      | V2A; AISI 304 | 80 x 40 x 1,5 |
| geschliffen / satin finish / brossé / satinato |               |               |
| CN2800010                                      | V4A; AISI 316 | 80 x 40 x 1,5 |

#### Nutrohr oval

slotted tube oval / Tube à gorge oval / tubo scanalato d'acciaio inossidabile ovale

geglüht, biegefähig Herstellungslänge à 6000 mm, einzeln mit Schutzfolie beschichtet

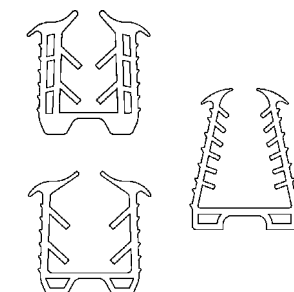
annealed, flexible production length at 6000 mm, individually coated with protection foil / recuit, cintrable, longueur de fabrication 6000 mm, revêtu individuellement d'un film protecteur / ricotto, flessibile Lunghezza di produzione da 6000 mm, rivestito singolarmente con pellicola protettiva



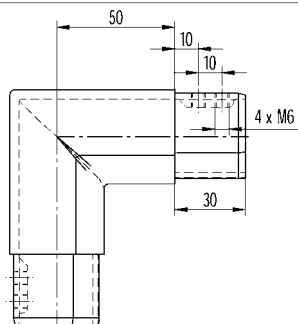
| #         | Material | für Glasstärke | für Nut | Länge |
|-----------|----------|----------------|---------|-------|
| CN1999400 | EPDM     | 12,00 – 13,00  | 30 x 27 | 30m   |
| CN1999500 | EPDM     | 14,00 – 18,00  | 30 x 27 | 30m   |
| CN1999650 | EPDM     | >18,00 – 21,52 | 30 x 27 | 30m   |

#### Dichtung

Rubber insert / Joint / Guarnizione







## # Material

geschliffen / satin finish / brossé / satinato

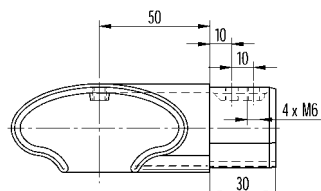
CN2800140 V4A; AISI 316 80 x 40 x 1,5

## Eckbogen

90° elbow / Raccord coudé 90° / Raccordo angolare 90°

## vertikal

vertical / vertical / verticale



## # Material

geschliffen / satin finish / brossé / satinato

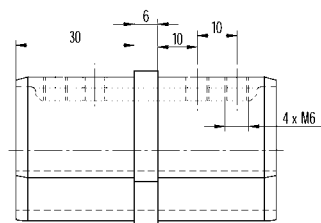
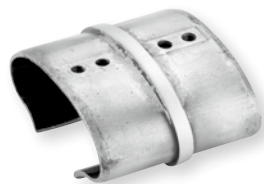
CN2800130 V4A; AISI 316 80 x 40 x 1,5

## Eckbogen

90° elbow / Raccord coudé 90° / Raccordo angolare

## horizontal

horizontal / horizontal / orizzontale 90°



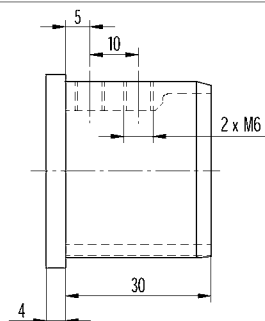
## # Material

geschliffen / satin finish / brossé / satinato

CN2800120 V4A; AISI 316 80 x 40 x 1,5

## Verbinder

Connector / Raccord droit / Connettore



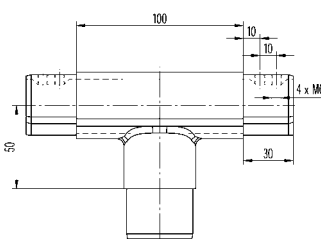
## # Material

geschliffen / satin finish / brossé / satinato

CN2800110 V4A; AISI 316 80 x 40 x 1,5

## Endkappe oval

End cap oval / Embout oval / terminali piatti



## # Material

geschliffen / satin finish / brossé / satinato

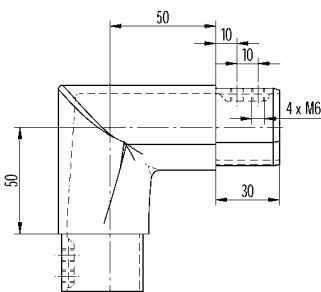
CN2800200 V4A; AISI 316 80 x 40 x 1,5

## T-Stück

T-connector / Raccord en T / Raccordo a T

mit senkrechtem Abgang, für Doppelnutrohr

for slotted tube oval and slotted tube double / à sortie verticale pour tube à double gorge / con uscita verticale, per tubo con doppia scanalatura



## # Material

geschliffen / satin finish / brossé / satinato

CN2800150 V4A; AISI 316 80 x 40 x 1,5

## Eckbogen

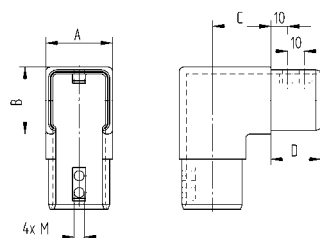
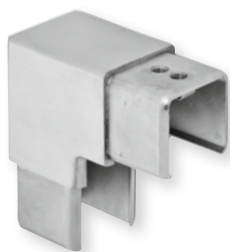
90° elbow / Raccord coudé / Raccordo angolare 90°

Abgang für Nutrohr 48,3 x 1,5 mm

for slotted tube 48,3 x 1,5 mm and slotted tube oval / sortie pour tube à gorge 48,3 x 1,5 mm / per tubo con scanalatura 48,3 x 1,5 mm

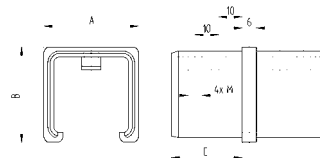






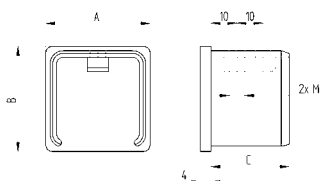
| #                                              | Material      | A  | B  | C    | D  | M |
|------------------------------------------------|---------------|----|----|------|----|---|
| geschliffen / satin finish / brossé / satinato |               |    |    |      |    |   |
| CN4502020                                      | V2A; AISI 304 | 20 | 20 | 25   | 25 | 5 |
| CN4502525                                      | V2A; AISI 304 | 25 | 25 | 27,5 | 25 | 5 |
| CN4503030                                      | V2A; AISI 304 | 30 | 30 | 25   | 30 | 5 |
| CN4506040                                      | V2A; AISI 304 | 60 | 40 | 45   | 30 | 6 |
| CN4504040                                      | V4A; AISI 316 | 40 | 40 | 35   | 30 | 6 |

**Eckbogen vertikal**  
90° elbow vertical / Raccord coudé 90° vertical / raccordo angolare 90° verticale



| #                                              | Material      | A  | B  | C  | M |
|------------------------------------------------|---------------|----|----|----|---|
| geschliffen / satin finish / brossé / satinato |               |    |    |    |   |
| CN4202020                                      | V2A; AISI 304 | 20 | 20 | 25 | 5 |
| CN4202525                                      | V2A; AISI 304 | 25 | 25 | 25 | 5 |
| CN4203030                                      | V2A; AISI 304 | 30 | 30 | 30 | 5 |
| CN4206040                                      | V2A; AISI 304 | 60 | 40 | 30 | 6 |
| CN4204040                                      | V4A; AISI 316 | 40 | 40 | 30 | 6 |

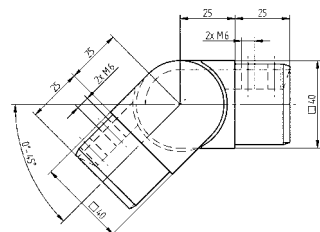
**Verbindungsstück**  
Connector / Raccord droit / Connettore



| #                                              | Material      | A  | B  | C  | D |
|------------------------------------------------|---------------|----|----|----|---|
| geschliffen / satin finish / brossé / satinato |               |    |    |    |   |
| CN4302020                                      | V2A; AISI 304 | 20 | 20 | 25 | 5 |
| CN4302525                                      | V2A; AISI 304 | 25 | 25 | 25 | 5 |
| CN4303030                                      | V2A; AISI 304 | 30 | 30 | 25 | 5 |
| CN4306040                                      | V2A; AISI 304 | 60 | 40 | 30 | 6 |
| CN4304040                                      | V4A; AISI 316 | 40 | 40 | 30 | 6 |

**Endkappe**  
End cap / Embout / terminali piatti

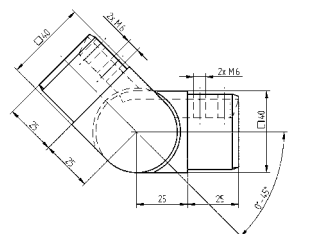
NEW



| #                                              | Material                       |
|------------------------------------------------|--------------------------------|
| geschliffen / satin finish / brossé / satinato |                                |
| CN4454040                                      | V4A; AISI 316 40 x 40 x 1,5 mm |

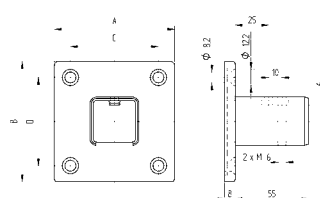
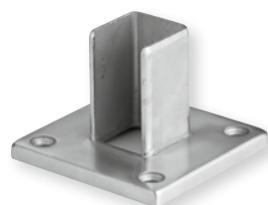
**Gelenkbogen Innenecke**  
adjustable slotted inner corner / Raccord orientable pour tube à gorge, angle intérieur / snodo angolo interno

NEW



| #                                              | Material                       |
|------------------------------------------------|--------------------------------|
| geschliffen / satin finish / brossé / satinato |                                |
| CN4554040                                      | V4A; AISI 316 40 x 40 x 1,5 mm |

**Gelenkbogen Außenecke**  
adjustable slotted outer corner / Raccord orientable pour tube à gorge, angle extérieur / snodo angolo esterno



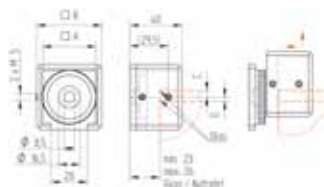
| #                                              | Material      | A       | B   | C  | D  |
|------------------------------------------------|---------------|---------|-----|----|----|
| geschliffen / satin finish / brossé / satinato |               |         |     |    |    |
| CN4604040                                      | V2A; AISI 304 | 40 x 40 | 90  | 90 | 66 |
| CN4606040                                      | V2A; AISI 304 | 60 x 40 | 120 | 80 | 96 |

**Wand-/Bodenflansch**  
Wall, floor anchor / fixation murale, au sol / ancoraggio laterale

| #                                              | Material      |        | A       | B       | C | D |
|------------------------------------------------|---------------|--------|---------|---------|---|---|
| geschliffen / satin finish / brossé / satinato |               |        |         |         |   |   |
| CN8750030                                      | V2A; AISI 304 | links  | 30 x 30 | 40 x 40 | 5 | – |
| CN8750035                                      | V2A; AISI 304 | rechts | 30 x 30 | 40 x 40 | 5 | – |
| geschliffen / satin finish / brossé / satinato |               |        |         |         |   |   |
| CN8750040                                      | V2A; AISI 304 | links  | 40 x 40 | 50 x 50 | – | 3 |
| CN8750045                                      | V2A; AISI 304 | rechts | 40 x 40 | 50 x 50 | – | 3 |

**Wandanschluss**

Wall Mounting / Fixation murale / ancoraggio a muro



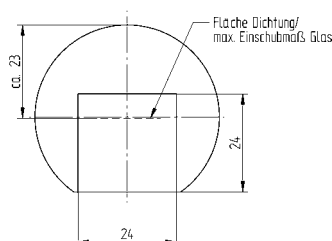
| #                                                                | Material |      |
|------------------------------------------------------------------|----------|------|
| Buche lackiert / beech coated / hetre vernis / faggio verniciato |          |      |
| CN5500070                                                        | Buche    | Ø 45 |

**Holzhandlauf mit Nut**

Wooden slotted tube / Main- Courante à gorge, en bois / Corrimano in legno

**Herstellungslänge à 2000 mm**

supplied in 2000 mm lengths / longueur de fabrication 2000 mm / lunghezza standard da 2000mm



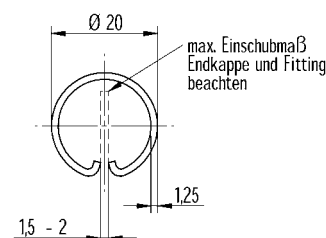
| #                                              | Material      |             |
|------------------------------------------------|---------------|-------------|
| geschliffen / satin finish / brossé / satinato |               |             |
| CN3000050                                      | V2A; AISI 304 | Ø 20 x 1,25 |

**Einfassprofil**

Profile / Tube profilé pour tôle perfo / Profilo per lamiera

**Herstellungslänge à 6000 mm, einzeln mit Folie beschichtet**

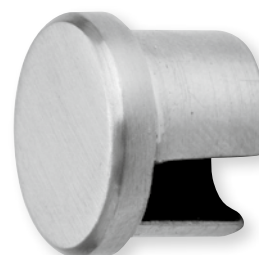
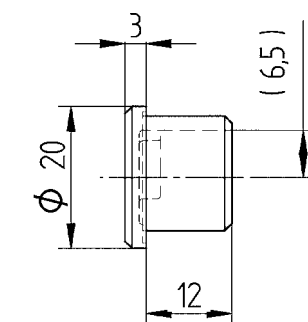
supplied in 6000 mm lengths, individually coated with protection foil / longueur de fabrication à 6000 mm, revêtu individuellement d'un film / Lunghezza di produzione da 6000 mm, rivestito singolarmente con pellicola di protettiva



| #                                              | Material      |             |
|------------------------------------------------|---------------|-------------|
| geschliffen / satin finish / brossé / satinato |               |             |
| CN3001304                                      | V2A; AISI 304 | Ø 20 x 1,25 |

**Endkappe**

End cap / Embout / terminali piatti

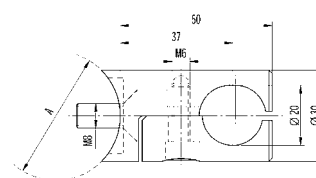


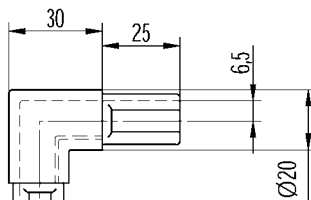
| #                                              | Material      | A                            |
|------------------------------------------------|---------------|------------------------------|
| geschliffen / satin finish / brossé / satinato |               |                              |
| CN3003000                                      | V2A; AISI 304 | gerade / flat/ plat / dritto |
| CN3003337                                      | V2A; AISI 304 | Ø 33,7 mm                    |
| CN3003424                                      | V2A; AISI 304 | Ø 42,4 mm                    |
| CN3003483                                      | V2A; AISI 304 | Ø 48,3 mm                    |

**Halter**

Holder / Support / supporto

**Edelstahl massiv, für Einfassprofil Ø 20 mm, inkl. Montageschraube M8 x 20 mm**  
 stainless steel, for profiles Ø 20 mm, inc. screws M8 x 20 mm / inox massif, pour tube profilé pour tôle perfo Ø 20 mm, y compris vis de montage M8 x 20 mm / acciaio inossidabile massiccio, per profilo Ø 20 mm, incl. vite di montaggio M8 x 20 mm





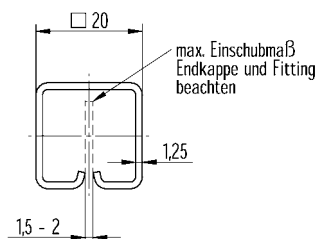
## # Material

geschliffen / satin finish / brossé / satinato

CN3002304 V2A; AISI 304 Ø 20 x 1,25

## Eckbogen

Elbow mitre / Raccord d'angle 90° pour tube Ø 20mm / raccordo angolare



## # Material

geschliffen / satin finish / brossé / satinato

CN3000150 V2A; AISI 304 20 x 20 x 1,25

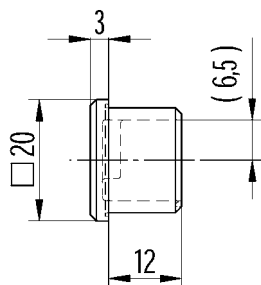
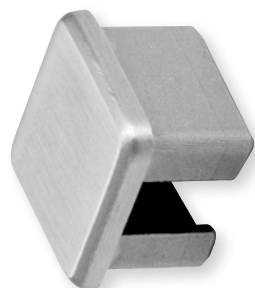
CN3000160 V4A; AISI 316 20 x 20 x 1,25

## Einfassprofil

Profile / Tube profilé pour tôle perfo / profilo per lamiera

Herstellungslänge à 3000 mm, einzeln mit Folie beschichtet

supplied in 3000 mm lengths, individually coated with protection foil / longueur de fabrication à 3000 mm, revêtu individuellement d'un film / Lunghezza di produzione da 3000 mm, rivestito singolarmente con pellicola protettiva



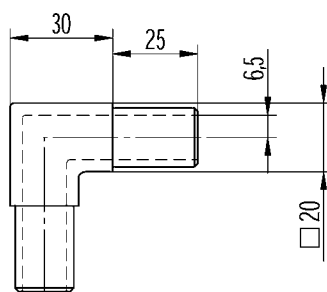
## # Material

geschliffen / satin finish / brossé / satinato

CN3501304 V2A; AISI 304 20 x 20 x 1,25 mm

## Endkappe

End cap / Embout / terminali piatti



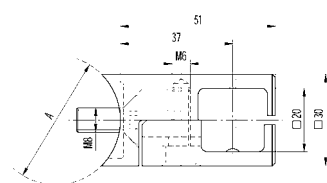
## # Material

geschliffen / satin finish / brossé / satinato

CN3502304 V2A; AISI 304 20 x 20 x 1,25 mm

## Eckbogen

Elbow mitre / Raccord d'angle 90° pour tube 20 x 20 mm / Raccordo angolare 90°



## # Material A

geschliffen / satin finish / brossé / satinato

CN3503000 V2A; AISI 304 gerade / flat / plat / dritto

CN3503337 V2A; AISI 304 Ø 33,7 mm

CN3503424 V2A; AISI 304 Ø 42,4 mm

CN3503483 V2A; AISI 304 Ø 48,3 mm

## Halter

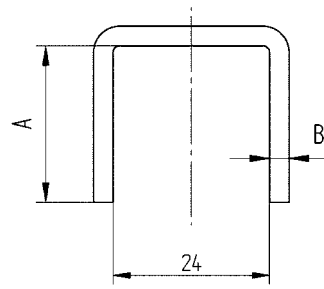
Holder / Support / Supporto

Edelstahl massiv, für Einfassprofil Ø 20 mm, inkl. Montageschraube M8 x 20 mm  
 stainless steel, for profiles Ø 20 mm, inc. screws M8 x 20 mm / inox massif, pour tube profilé pour tôle perfo Ø 20 mm, y compris vis de montage M8 x 20 mm / acciaio inossidabile massiccio, per profilo Ø 20 mm, incl. vite di montaggio M8 x 20 mm

| #                                               | Material  | A  | B   |
|-------------------------------------------------|-----------|----|-----|
| eloxiert/ anodised/ anodisé/ anodizzato         |           |    |     |
| CN2100000                                       | Aluminium | 23 | 1,5 |
| roh, pressblank / raw / brut de presse / grezzo |           |    |     |
| CN2100050                                       | Aluminium | 23 | 1,5 |

**zum verkleben, als Schutz für aufrechte Kanten**

can be glued on straight edges“ / à coller, pour protéger les chants du verre / da incollare, protezione per i bordi verticali

**geschliffen / satin finish / brossé / satinato**

|           |               |    |     |
|-----------|---------------|----|-----|
| CN2100100 | V2A; AISI 304 | 24 | 3,0 |
| CN2100150 | V2A; AISI 304 | 24 | 1,5 |
| CN2100110 | V4A; AISI 316 | 24 | 3,0 |
| CN2100160 | V4A; AISI 316 | 24 | 1,5 |

**Kantenschutzprofil**

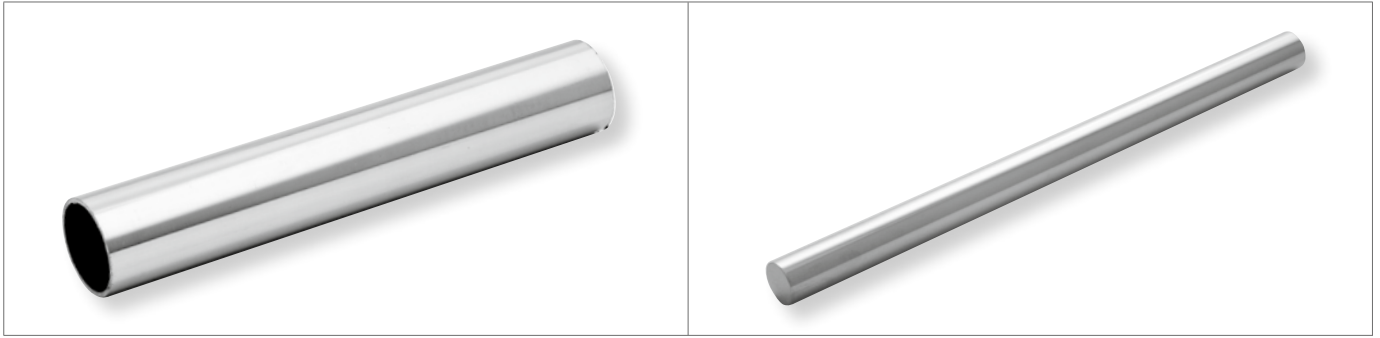
Base profiles / Profilés de contour / Profilo paraspigoli

**in Herstellungslängen à 6000 mm**

supplied in 6000 mm lengths / en longueur de fabrication de 6000 mm / in lunghezza di produzione da 6000 mm

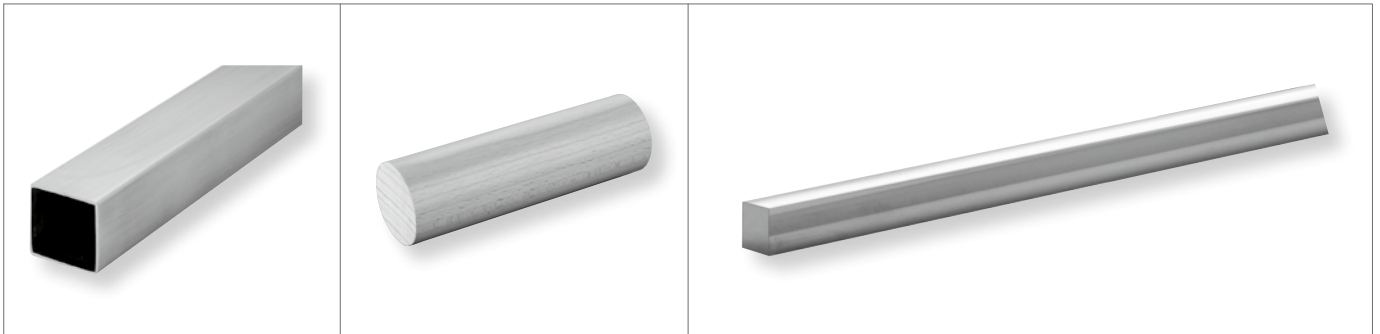


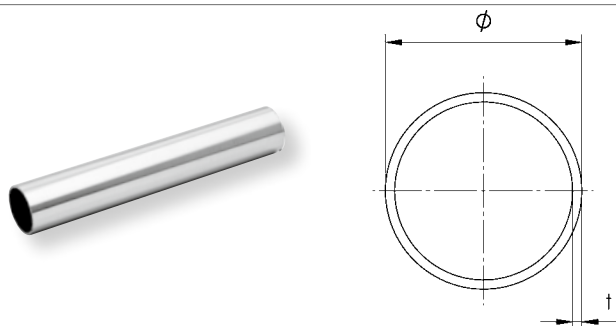




## **Rohre / Vollmaterial**

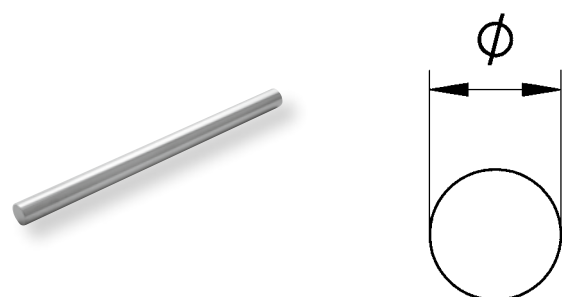
tubes / tubes et ronds / tubi / barrame





| #                                                                      | Material      | \varnothing      | t   |
|------------------------------------------------------------------------|---------------|------------------|-----|
| geschliffen / satin finish / brossé / satinato                         |               |                  |     |
| CN1000050                                                              | V2A; AISI 304 | \varnothing 12,0 | 1,5 |
| CN1000100                                                              | V2A; AISI 304 | \varnothing 33,7 | 2,0 |
| CN1000110                                                              | V2A; AISI 304 | \varnothing 33,7 | 2,5 |
| CN1000120                                                              | V2A; AISI 304 | \varnothing 42,4 | 2,0 |
| CN1000130                                                              | V2A; AISI 304 | \varnothing 42,4 | 2,5 |
| CN1000140                                                              | V2A; AISI 304 | \varnothing 48,3 | 2,0 |
| CN1000150                                                              | V2A; AISI 304 | \varnothing 48,3 | 2,5 |
| CN1000160                                                              | V2A; AISI 304 | \varnothing 60,3 | 2,0 |
| CN1000170                                                              | V2A; AISI 304 | \varnothing 76,1 | 2,0 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a specchio |               |                  |     |
| CN1000200                                                              | V2A; AISI 304 | \varnothing 33,7 | 1,5 |
| CN1000210                                                              | V2A; AISI 304 | \varnothing 33,7 | 2,0 |
| CN1000215                                                              | V2A; AISI 304 | \varnothing 40,0 | 1,5 |
| CN1000220                                                              | V2A; AISI 304 | \varnothing 42,4 | 1,5 |
| CN1000230                                                              | V2A; AISI 304 | \varnothing 42,4 | 2,0 |
| CN1000240                                                              | V2A; AISI 304 | \varnothing 48,3 | 1,5 |
| CN1000250                                                              | V2A; AISI 304 | \varnothing 48,3 | 2,0 |
| geschliffen / satin finish / brossé / satinato                         |               |                  |     |
| CN1100115                                                              | V4A; AISI 316 | \varnothing 33,7 | 2,0 |
| CN1100120                                                              | V4A; AISI 316 | \varnothing 42,4 | 2,0 |
| CN1100140                                                              | V4A; AISI 316 | \varnothing 48,3 | 2,0 |

**geschweißte Edelstahlrohre EN1127 ungeglüht in Längen á 6000**  
welded stainless tubes EN1127 unannealed in 6000mm / tubes inox soudés EN1127 en longueur 6000mm / tubi in acciaio inossidabile saldati EN1127 non ricotti, in lunghezze da 6000mm



| #                                                                      | Material      | A                |
|------------------------------------------------------------------------|---------------|------------------|
| geschliffen / satin finish / brossé / satinato                         |               |                  |
| CN1000300                                                              | V2A; AISI 304 | \varnothing 10,0 |
| CN1000310                                                              | V2A; AISI 304 | \varnothing 12,0 |
| CN1000320                                                              | V2A; AISI 304 | \varnothing 14,0 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a specchio |               |                  |
| CN1000400                                                              | V2A; AISI 304 | \varnothing 10,0 |
| CN1000410                                                              | V2A; AISI 304 | \varnothing 12,0 |

**Edelstahlrundmaterial Vormaterial (Rundstahl) blank gezogen H9, EN10277/EN10278, in Längen á 6000 mm**

stainless steel round material blank drawn in lengths at 6000 mm; H9 according EN10277/EN10278 / barre inox étirée à froid en longueur 6000mm / tondini in acciaio inossidabile trafilato H9 sec. EN10277/EN10278, in lunghezze da 6000mm

| #                                              | Material      | A                |
|------------------------------------------------|---------------|------------------|
| geschliffen / satin finish / brossé / satinato |               |                  |
| CN1100300                                      | V4A; AISI 316 | \varnothing 10,0 |
| CN1100310                                      | V4A; AISI 316 | \varnothing 12,0 |

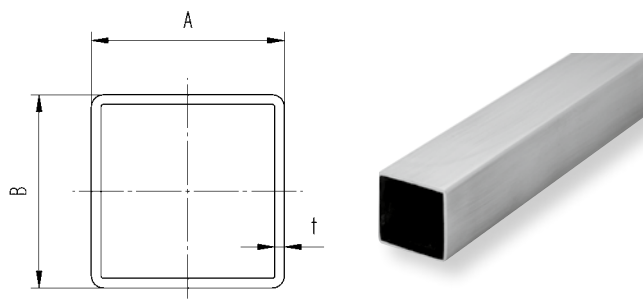
**Edelstahlrundmaterial Vormaterial (Rundstahl) blank gezogen H9, EN10277/EN10278, in Längen á 3000 mm**

stainless steel round material blank drawn in lengths at 3000 mm; H9 according EN10277/EN10278 / barre inox étirée à froid en longueur 3000mm / tondini in acciaio inossidabile trafilato H9 sec. EN10277/EN10278, in lunghezze da 3000mm

| #                                              | Material      | A  | B  | t   |
|------------------------------------------------|---------------|----|----|-----|
| geschliffen / satin finish / brossé / satinato |               |    |    |     |
| CN1000175                                      | V2A; AISI 304 | 30 | 30 | 2,0 |
| CN1000176                                      | V2A; AISI 304 | 40 | 40 | 2,0 |
| CN1000177                                      | V2A; AISI 304 | 40 | 20 | 2,0 |
| CN1000180                                      | V2A; AISI 304 | 80 | 80 | 2,0 |
| geschliffen / satin finish / brossé / satinato |               |    |    |     |
| CN1100176                                      | V4A; AISI 316 | 40 | 40 | 2,0 |

**Edelstahlvierkantrohr bzw. Rechteckrohr in Längen á 6000**

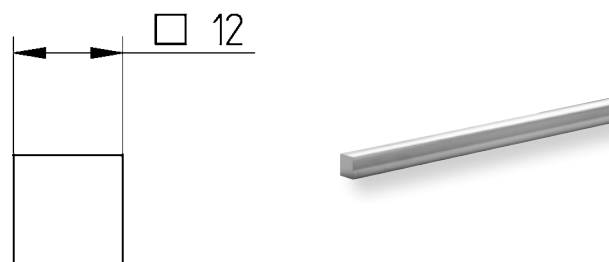
stainless steel square tube in lengths at 6000 / tubes carrés inox en longueur 6000mm / tubi quadrati e rettangolari in acciaio inossidabile non ricotti, in lunghezze da 6000mm



| #                                              | Material      | A    | B    | t |
|------------------------------------------------|---------------|------|------|---|
| geschliffen / satin finish / brossé / satinato |               |      |      |   |
| CN1000510                                      | V2A; AISI 304 | 12,0 | 12,0 |   |
| geschliffen / satin finish / brossé / satinato |               |      |      |   |
| CN1100510                                      | V4A; AISI 316 | 12,0 | 12,0 |   |

**Edelstahlvierkantmaterial Vormaterial blank gezogen H11, EN10277/ EN10278, in Längen á 3000 mm**

stainless steel square material blank drawn in lengths at 3000 mm; H11 according EN10277/EN10278 / barre carrée étirée à froid en longueur 3000mm / quadri in acciaio inossidabile trafilato H11 sec. EN10277/EN10278, in lunghezze da 3000mm



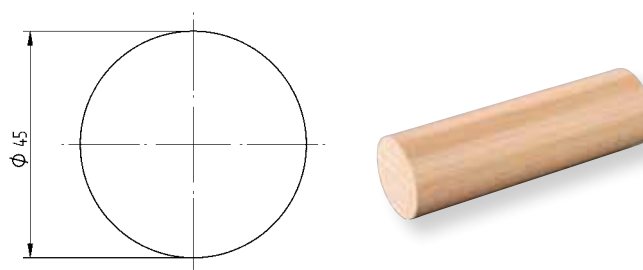
| #         | Material |
|-----------|----------|
| CN5000050 | Buche    |

**Holzhandlauf Buche Rundholz Buche, lackiert, Ø 45 mm, in Längen á 2000mm**

wodden handrail beech supplied in 45 mm, lenght in 2000mm / main-courante en hêtre vernis, rond diam. 45mm, longueur 2000mm / corrimano in legno faggio, in lunghezze da 2000mm

**Andere Holzarten auf Anfrage**

other timbers on request/ autres bois sur demande/ altre essenze di legno su richiesta



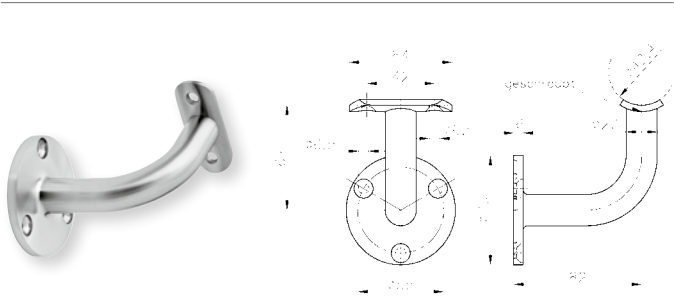




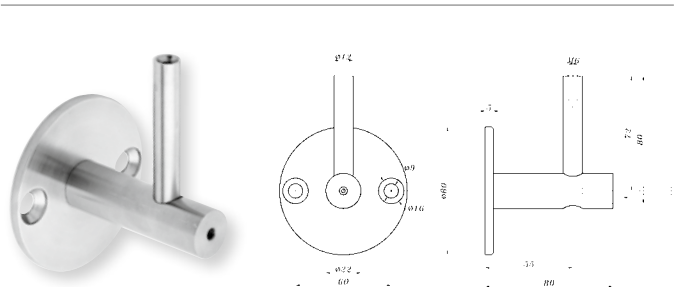
## Rohrstützen, Handlaufträger

Handrail Support / Support de main-courante mural / Reggicorrimano

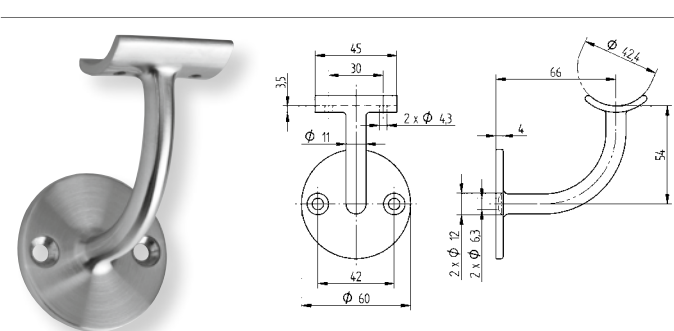




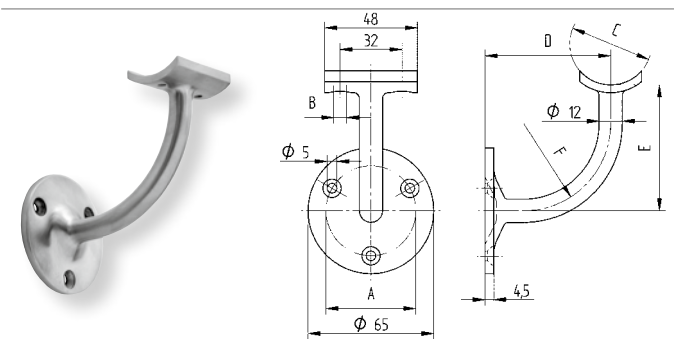
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN5000100                                      | V2A; AISI 304 |



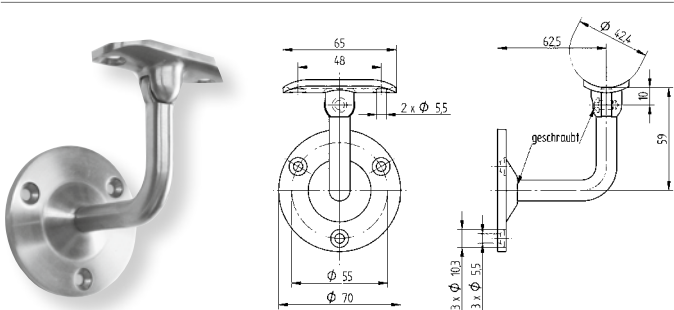
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN5000200                                      | V4A; AISI 316 |



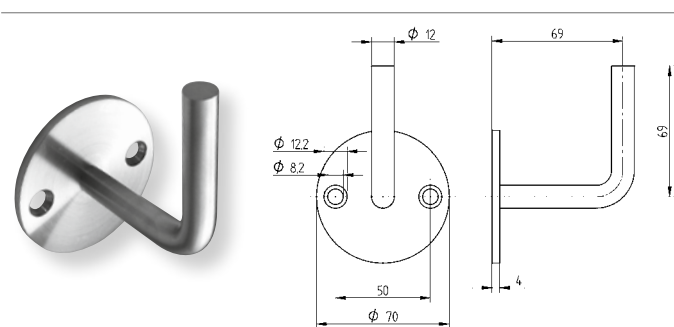
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 100300                                         | V2A; AISI 304 |



| #                                                                   | Material      | A    | B     | C         | D    | E    | F    |
|---------------------------------------------------------------------|---------------|------|-------|-----------|------|------|------|
| geschliffen / satin finish / brossé / satinato                      |               |      |       |           |      |      |      |
| 100310                                                              | V2A; AISI 304 | Ø 46 | M5    | 42,4      | 65,0 | 65,0 | 45,0 |
| 100320                                                              | V2A; AISI 304 | Ø 49 | Ø 4,3 | 40 - 48   | 84,5 | 61,0 | 61,0 |
| CN5000400                                                           | V4A; AISI 316 | Ø 46 | M5    | 42,4      | 65,0 | 65,0 | 45,0 |
| CN5000500                                                           | V4A; AISI 316 | Ø 49 | Ø 4,3 | 45 - 48,3 | 84,5 | 61,0 | 61,0 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |      |       |           |      |      |      |
| CN5000405                                                           | V4A; AISI 316 | Ø 46 | M5    | 42,4      | 65,0 | 65,0 | 45,0 |



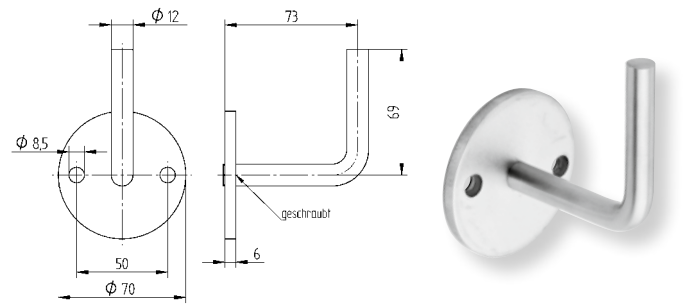
| #                                                           | Material      |
|-------------------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato              |               |
| 100660                                                      | V2A; AISI 304 |
| mit Gelenk verstellbar<br>adjustable / orientable / snodato |               |



| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 100625                                         | V2A; AISI 304 |



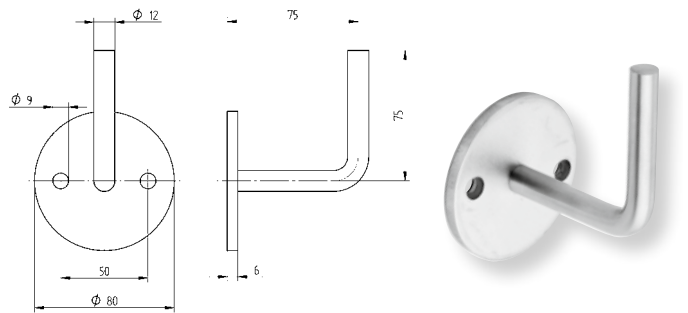
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN5000900                                      | V2A; AISI 304 |



| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN5001000                                      | V2A; AISI 304 |
| geschliffen / satin finish / brossé / satinato |               |
| CN5001100                                      | V4A; AISI 316 |

zum Anschweißen

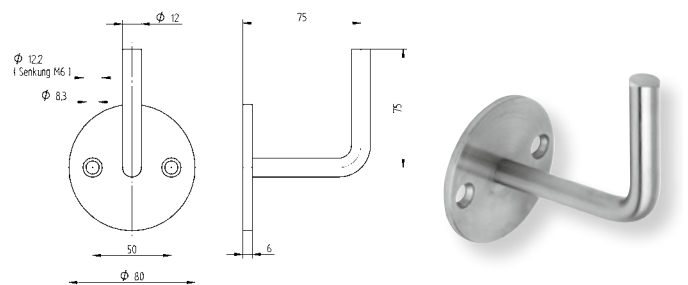
for welding, / raccord à souder / angolare saldato



| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN5001010                                      | V2A; AISI 304 |
| geschliffen / satin finish / brossé / satinato |               |
| CN5001110                                      | V4A; AISI 316 |

zum Anschweißen

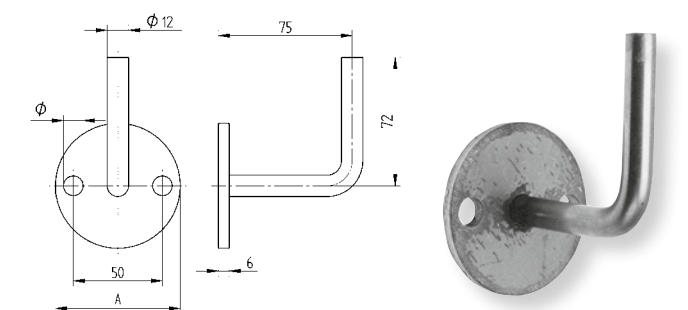
for welding, / raccord à souder / angolare saldato



| #                            | Material    | Ø    | A  |
|------------------------------|-------------|------|----|
| Stahl, steel, acier, acciaio |             |      |    |
| 72420                        | ST37 / Q235 | 11,0 | 70 |
| 72421                        | ST37 / Q235 | 8,5  | 70 |
| 72422                        | ST37 / Q235 | 8,5  | 80 |
| 72423                        | ST37 / Q235 | 11,0 | 80 |

zum Anschweißen

for welding, / raccord à souder / angolare saldato

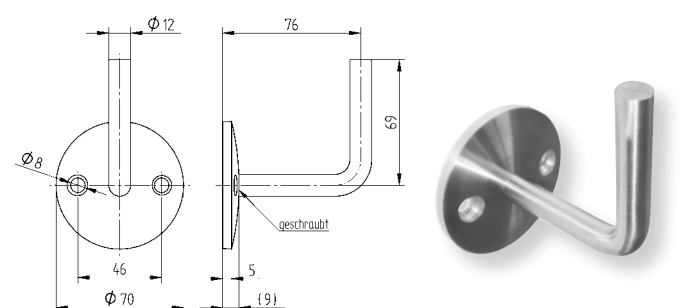


12

| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN5000970                                      | V2A; AISI 304 |

zum Anschweißen

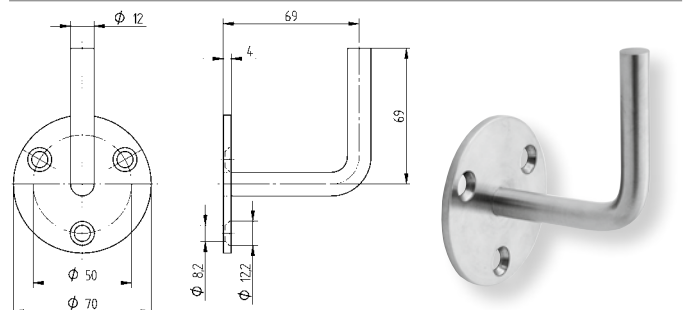
two parts, for welding, / raccord à souder / angolare saldato

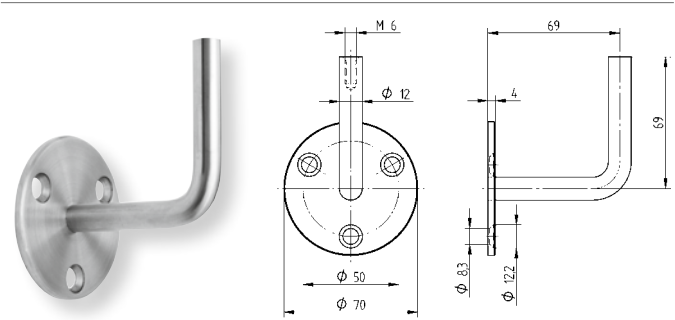


| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 100630                                         | V2A; AISI 304 |
| 100640                                         | V4A; AISI 316 |

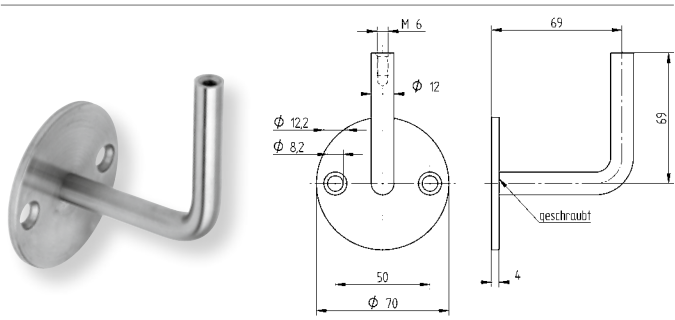
zum Anschweißen

for welding, / raccord à souder / angolare saldato

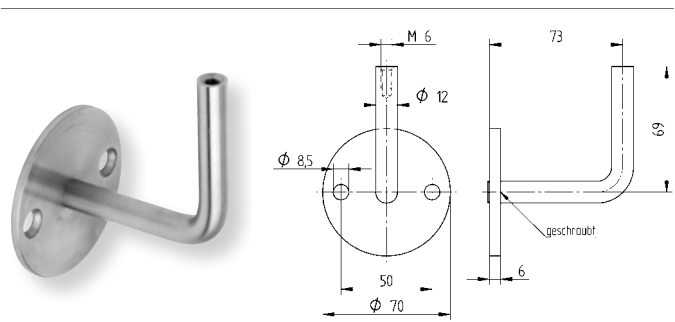




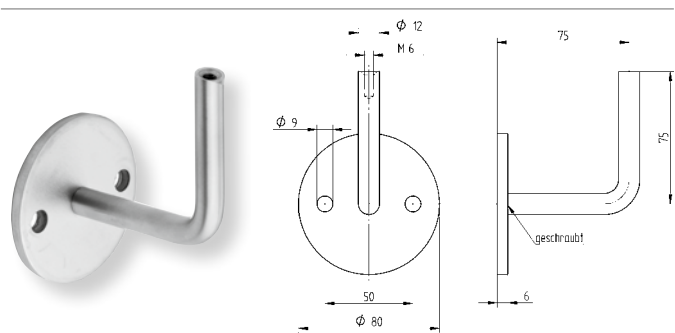
| #                                                                      | Material      |
|------------------------------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato                         |               |
| 100631                                                                 | V2A; AISI 304 |
| zum Anschweißen<br>for welding, / raccord à souderé / angolare saldato |               |



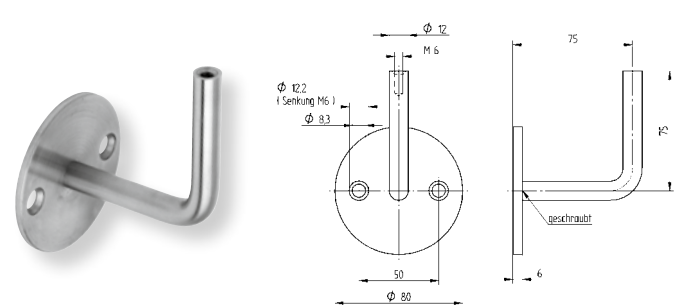
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 100600                                         | V2A; AISI 304 |



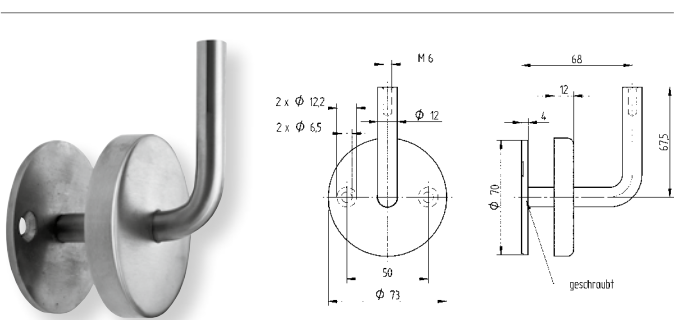
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN5000920                                      | V2A; AISI 304 |



| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN5003000                                      | V2A; AISI 304 |
| CN5003100                                      | V4A; AISI 316 |



| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN5003010                                      | V2A; AISI 304 |
| CN5003110                                      | V4A; AISI 316 |

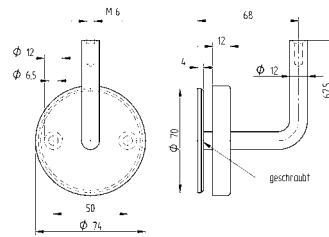


| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 100670                                         | V2A; AISI 304 |

## # Material

hochglanzpoliert / mirror polished / poli miroir / lucidato a spec-

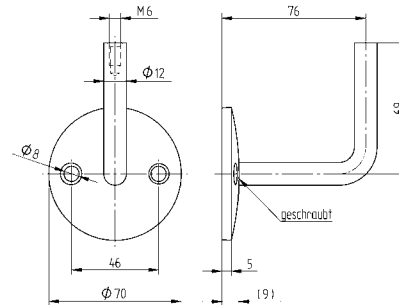
CN5005100 V2A; AISI 304



## # Material

geschliffen / satin finish / brossé / satinato

CN5000950 V2A; AISI 304



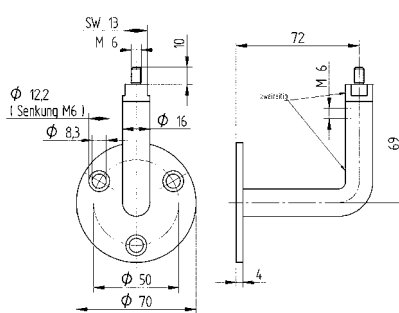
## # Material

geschliffen / satin finish / brossé / satinato

100605 V2A; AISI 304

Handlaufhalter, zweiteilig, mit Adapteroberteil Einfache und maßgenaue Montage, ein locker sitzendes oder überspanntes Gewinde ist Vergangenheit.

two-part handrail support / Support de main-courante, en deux parties, dont l'adaptateur supérieur est amovible. Ce nouveau support garantit un montage simple et précis sur la main-courante / 2 pezzi, adattatore superiore con filettatura M6



NEW

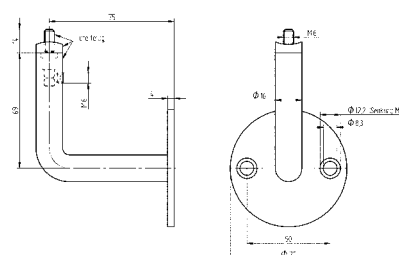
## # Material

geschliffen / satin finish / brossé / satinato

100610 V2A; AISI 304

Handlaufhalter, zweiteilig, mit Adapteroberteil Einfache und maßgenaue Montage, ein locker sitzendes oder überspanntes Gewinde ist Vergangenheit.

two-part handrail support / Support de main-courante, en deux parties, dont l'adaptateur supérieur est amovible. Ce nouveau support garantit un montage simple et précis sur la main-courante / 2 pezzi, adattatore superiore con filettatura M6

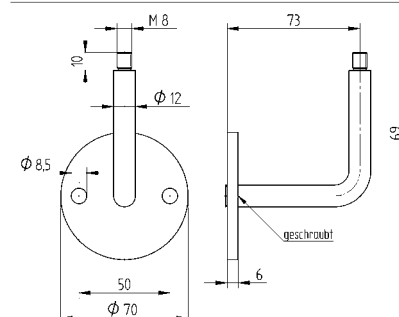


NEW

## # Material

geschliffen / satin finish / brossé / satinato

CN5000930 V2A; AISI 304

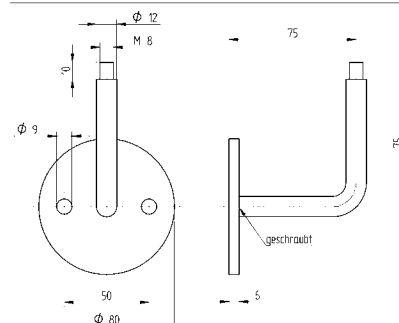


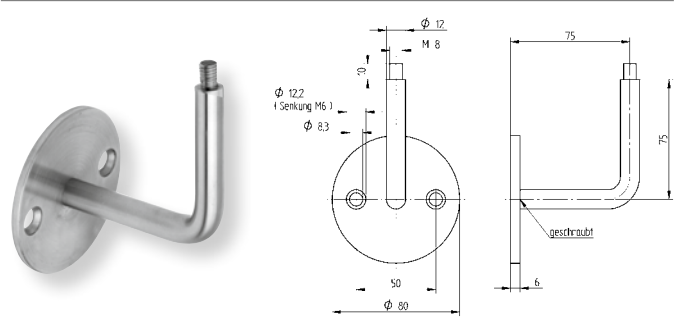
## # Material

geschliffen / satin finish / brossé / satinato

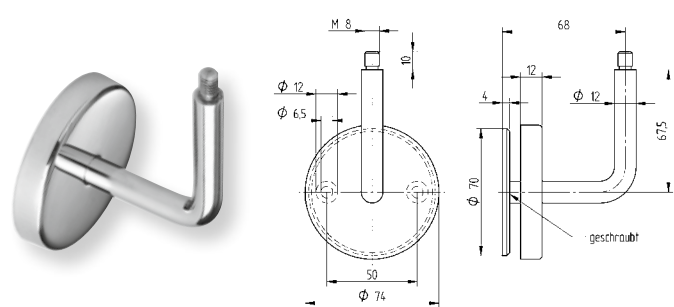
CN5004000 V2A; AISI 304

CN5004100 V4A; AISI 316

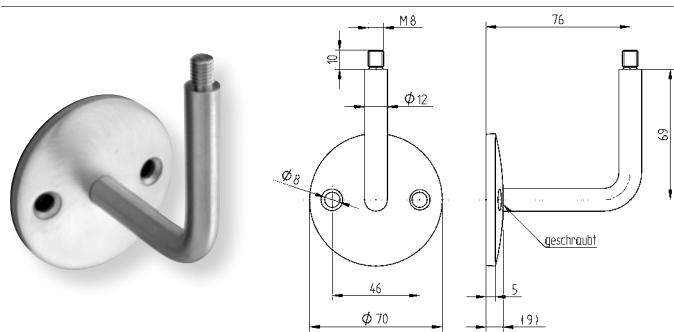




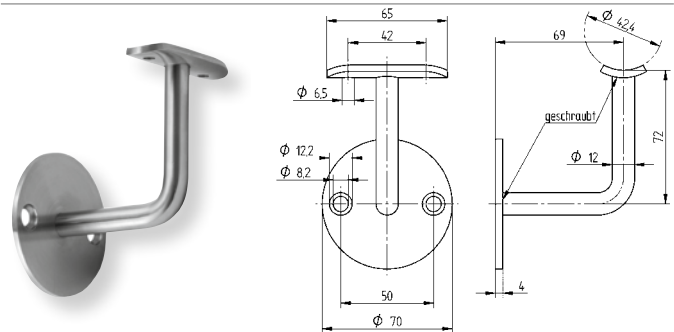
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN5004010                                      | V2A; AISI 304 |
| CN5004110                                      | V4A; AISI 316 |



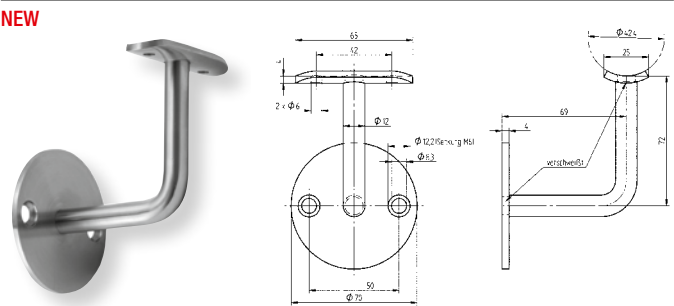
| #                                                                   | Material      |
|---------------------------------------------------------------------|---------------|
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |
| CN5005200                                                           | V2A; AISI 304 |



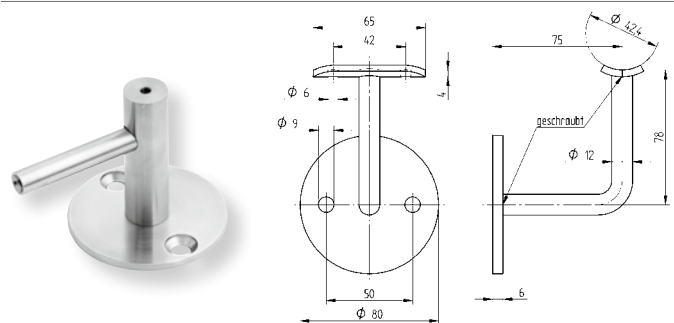
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN5000960                                      | V2A; AISI 304 |



| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 100650                                         | V2A; AISI 304 |

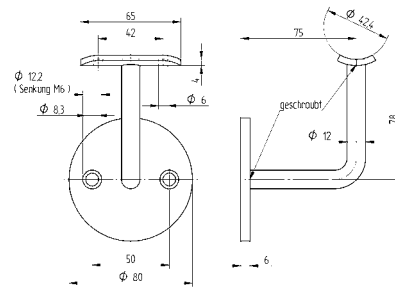


| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 100655                                         | V2A; AISI 304 |

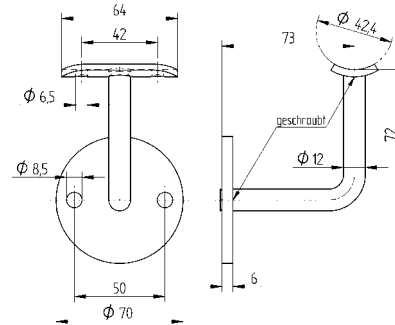


| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN5002000                                      | V2A; AISI 304 |
| CN5002100                                      | V4A; AISI 316 |

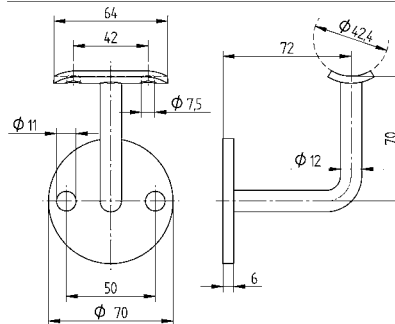
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN5002010                                      | V2A; AISI 304 |
| CN5002110                                      | V4A; AISI 316 |



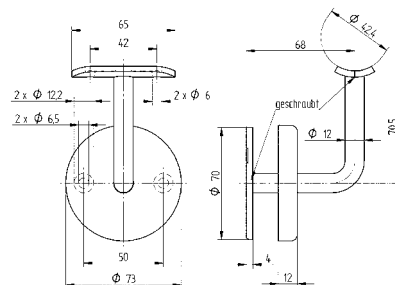
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN5000910                                      | V2A; AISI 304 |



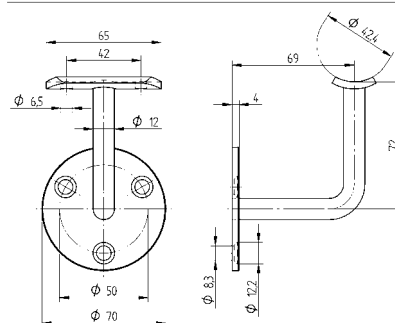
| #                            | Material    |
|------------------------------|-------------|
| Stahl, steel, acier, acciaio |             |
| 72424                        | ST37 / Q235 |



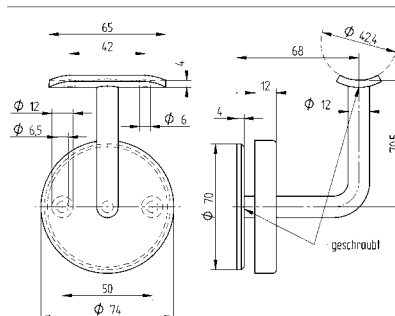
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 100680                                         | V2A; AISI 304 |

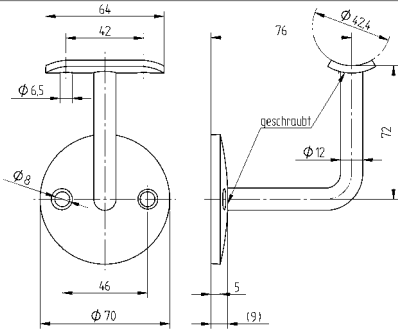
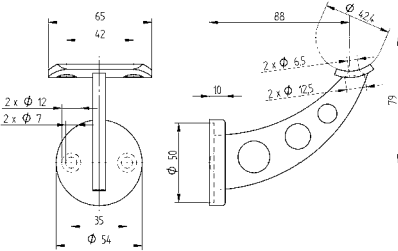
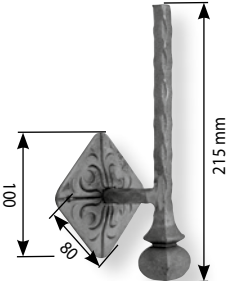
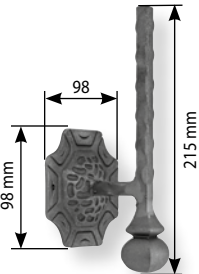
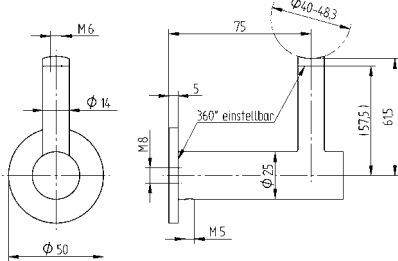
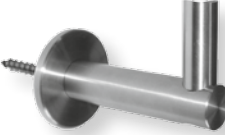
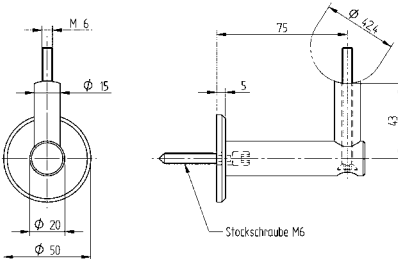


| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 100632                                         | V2A; AISI 304 |



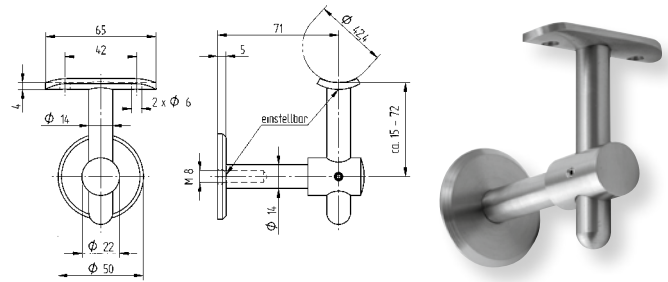
| #                                                                   | Material      |
|---------------------------------------------------------------------|---------------|
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |
| CN5005300                                                           | V2A; AISI 304 |



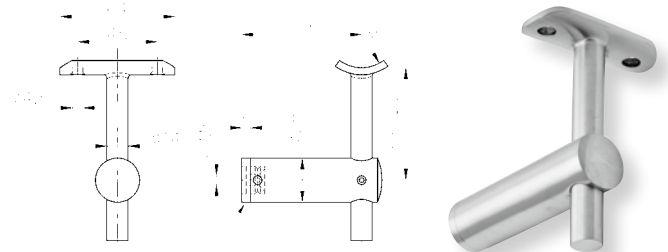
|               |                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>12</div> |        | <div>#Material</div> <div>geschliffen / satin finish / brossé / satinato</div> <div>CN5000980V2A; AISI 304</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|               |       | <div>#Material</div> <div>geschliffen / satin finish / brossé / satinato</div> <div>100800V2A; AISI 304</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|               |     | <div>#Material</div> <div>Stahl, steel, acier, acciaio</div> <div>72425ST37 / Q235</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|               |   | <div>#Material</div> <div>Stahl, steel, acier, acciaio</div> <div>72426ST37 / Q235</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|               |   | <div>#Material</div> <div>geschliffen / satin finish / brossé / satinato</div> <div>CN5000600V4A; AISI 316</div> <div>hochglanzpoliert / mirror polished / poli miroir / lucidato a specchio</div> <div>CN5000605V4A; AISI 316</div> <div>Für geraden Anschluss sowie für Rundrohr 40 – 48 mm (beiliegender Adapter)<br/>applicable for flat connection as well as round tube 40 – 48 mm (adapter enclosed)<br/>utilisable pour raccord droit et pour tube rond de 40 à 48 mm (adaptateur fourni)<br/>utilizzabile sia per tubi quadrati che tondi Ø 40 – 48 mm (adattatore compreso)</div> |
|               |   | <div>#Material</div> <div>geschliffen / satin finish / brossé / satinato</div> <div>100450V2A; AISI 304</div> <div>dreiteilig, komplett mit Schraube und Stockschraube M6<br/>three parts, complete with screws / en trois parties, complet avec vis / 3 componenti, completo di viti</div>                                                                                                                                                                                                                                                                                                 |



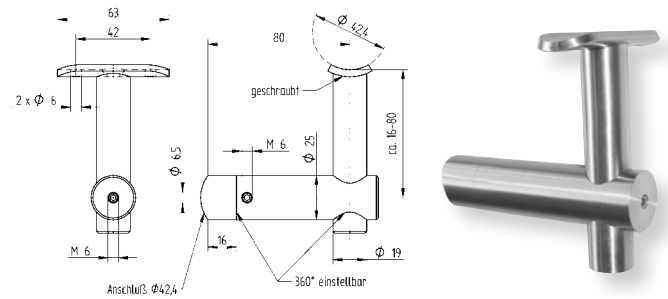
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| 100400                                         | V2A; AISI 304 |



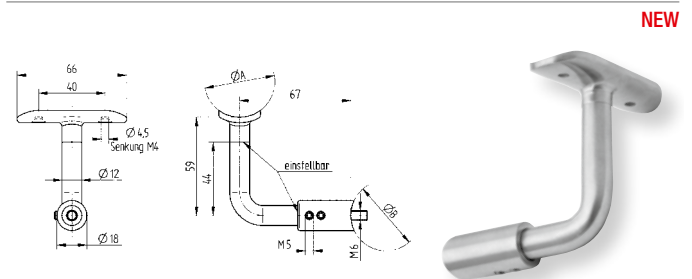
| #                                              | Material      | Wandanschluss | Anschluss A |
|------------------------------------------------|---------------|---------------|-------------|
| geschliffen / satin finish / brossé / satinato |               |               |             |
| CN5000300                                      | V4A; AISI 316 | gerade        | 42,4        |
| CN5000310                                      | V4A; AISI 316 | gerade        | gerade      |



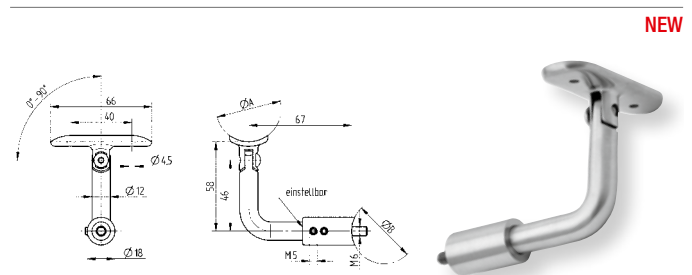
| #                                              | Material      | Anschluss |
|------------------------------------------------|---------------|-----------|
| geschliffen / satin finish / brossé / satinato |               |           |
| 100470                                         | V2A; AISI 304 | Ø 42,4    |
| geschliffen / satin finish / brossé / satinato |               |           |
| 100475                                         | V4A; AISI 316 | Ø 42,4    |



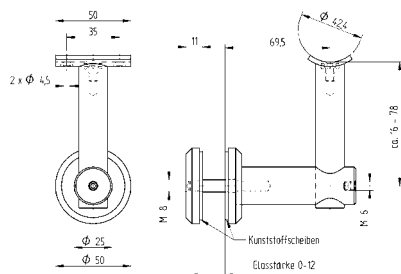
| #                                              | Material      | A      | B      |
|------------------------------------------------|---------------|--------|--------|
| geschliffen / satin finish / brossé / satinato |               |        |        |
| 100490                                         | V2A; AISI 304 | 42,4   | gerade |
| 100492                                         | V2A; AISI 304 | gerade | gerade |
| 100495                                         | V2A; AISI 304 | 42,4   | 42,4   |
| CN5000800                                      | V4A; AISI 316 | 42,4   | gerade |
| CN5000805                                      | V4A; AISI 316 | gerade | gerade |
| CN5000810                                      | V4A; AISI 316 | 42,4   | 42,4   |



| #                                              | Material      | A      | B      |
|------------------------------------------------|---------------|--------|--------|
| geschliffen / satin finish / brossé / satinato |               |        |        |
| 100480                                         | V2A; AISI 304 | 42,4   | gerade |
| 100482                                         | V2A; AISI 304 | gerade | gerade |
| 100485                                         | V2A; AISI 304 | 42,4   | 42,4   |
| CN5000700                                      | V4A; AISI 316 | 42,4   | gerade |
| CN5000710                                      | V4A; AISI 316 | gerade | gerade |
| CN5000720                                      | V4A; AISI 316 | 42,4   | 42,4   |



**mit Gelenk verstellbar**  
adjustable / orientable / snodato



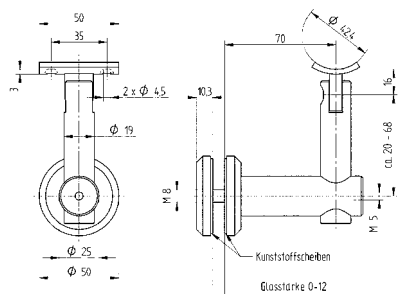
# Material

geschliffen / satin finish / brossé / satinato

CN5000670 V4A; AISI 316

höhenverstellbar, bei Verwendung eines längeren Gewindestiftes/Gewindestange sind dickere Platten-/ Wandstärken möglich

adjustable, when using a longer setscrew/ threaded rod a thicker plate thickness/wall thickness is possible / réglable en hauteur / l'utilisation d'une tige filetée rallongée permet l'application du support sur des plaques plus épaisses / regolabile in altezza, l'utilizzo di una vite più lunga permette l'ancoraggio a pannelli/vetri con sp. maggiori



# Material

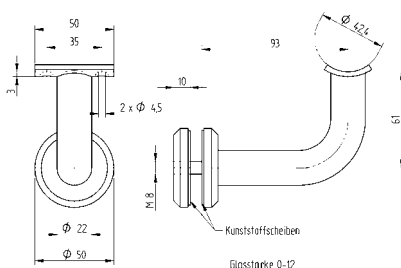
geschliffen / satin finish / brossé / satinato

100120 V2A; AISI 304

CN5000650 V4A; AISI 316

mit Gelenk höhenverstellbar, bei Verwendung eines längeren Gewindestiftes/Gewindestange sind dickere Platten-/ Wandstärken möglich

adjustable, when using a longer setscrew/ threaded rod a thicker plate thickness/wall thickness is possible / orientable réglable en hauteur / l'utilisation d'une tige filetée rallongée permet l'application du support sur des plaques plus épaisses / snodato, regolabile in altezza, l'utilizzo di una vite più lunga permette l'ancoraggio a pannelli/vetri con sp. maggiorigruesos



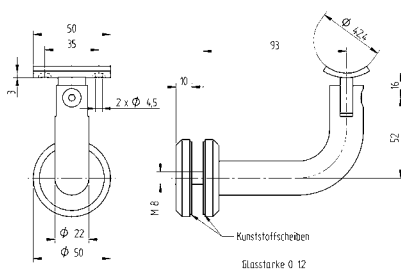
# Material

geschliffen / satin finish / brossé / satinato

100100 V2A; AISI 304

bei Verwendung eines längeren Gewindestiftes/Gewindestange sind dickere Platten-/ Wandstärken möglich

when using a longer setscrew/ threaded rod a thicker plate thickness/wall thickness is possible / orientable réglable en hauteur / l'utilisation d'une tige filetée rallongée permet l'application du support sur des plaques plus épaisses / l'utilizzo di una vite più lunga permette l'ancoraggio a pannelli/vetri con sp. maggiori



# Material

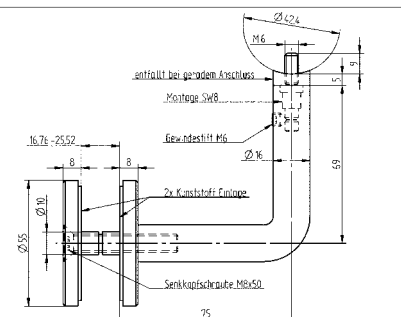
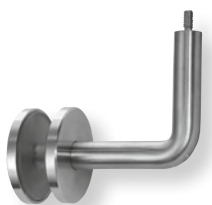
geschliffen / satin finish / brossé / satinato

100110 V2A; AISI 304

mit Gelenk höhenverstellbar, bei Verwendung eines längeren Gewindestiftes/Gewindestange sind dickere Platten-/ Wandstärken möglich

adjustable, when using a longer setscrew/ threaded rod a thicker plate thickness/wall thickness is possible / orientable réglable en hauteur / l'utilisation d'une tige filetée rallongée permet l'application du support sur des plaques plus épaisses / snodato, l'utilizzo di una vite più lunga permette l'ancoraggio a pannelli/vetri con sp. maggiori

NEW



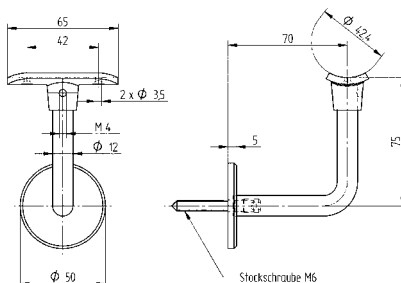
# Material

geschliffen / satin finish / brossé / satinato

CN5000680 V2A; AISI 304

Handlaufhalter, zweiteilig, mit Adapteroberteil. Einfache und maßgenaue Montage an das Handlaufprofil ist mit diesem neuen Halter garantiert, ein locker sitzendes oder überspanntes Gewinde ist Vergangenheit.

two- parts Handrail support / Support de main-courante, en deux parties, dont l'adaptateur supérieur est amovible. Ce nouveau support garantit un montage simple et précis sur la main-courante. L'ajustage approximatif appartient au passé. / 2 pezzi, adattatore superiore con filettatura M6



# Material

geschliffen / satin finish / brossé / satinato

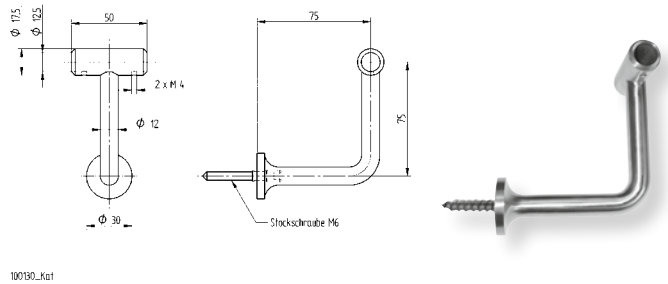
100690 V2A; AISI 304

42,4

mit aufgesteckbarem Oberteil, Anschluss für Rundrohr 42,4 mm, inkl. Stockschraube M6

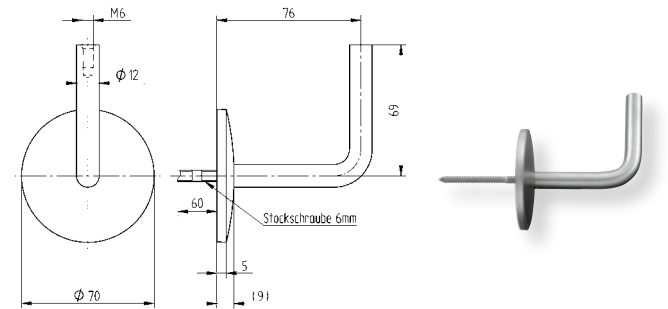
connection for round tube Ø 42,4mm, incl. screw M6 / avec platine manchonnée, pour tube rond de diamètre extérieur de 42,4 mm, vis M6 incluse / con piastra sella da infilare, per tubo Ø 42,4mm, vite M6 a doppio filetto inclusa

| #                                                                  | Material      |
|--------------------------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato                     |               |
| 100130                                                             | V2A; AISI 304 |
| inkl. Stockschraube M6                                             |               |
| incl. screw M6 / vis M6 incluse / vite M6 a doppio filetto inclusa |               |

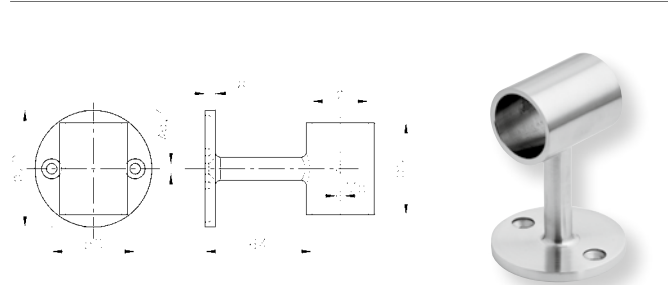


100130\_Kat1

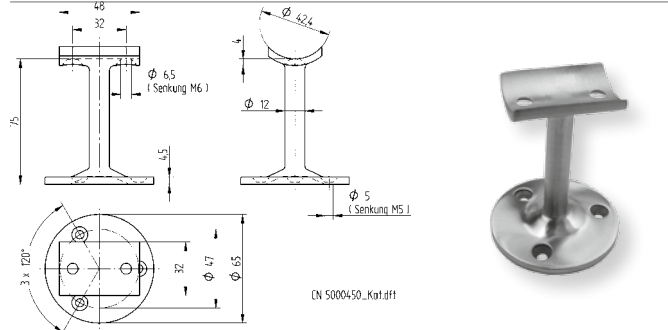
| #                                                                                           | Material      |
|---------------------------------------------------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato                                              |               |
| CN5000940                                                                                   | V2A; AISI 304 |
| inkl. Stockschraube 80 mm                                                                   |               |
| incl. screw 80 mm / vis à double filetage 80 mm comprise / vite a doppio filetto M6 inclusa |               |



| #                                              | Material      | Ø    |
|------------------------------------------------|---------------|------|
| geschliffen / satin finish / brossé / satinato |               |      |
| CN5101500                                      | V4A; AISI 316 | 26,9 |
| CN5101510                                      | V4A; AISI 316 | 33,7 |
| CN5101520                                      | V4A; AISI 316 | 42,4 |
| CN5101530                                      | V4A; AISI 316 | 48,3 |

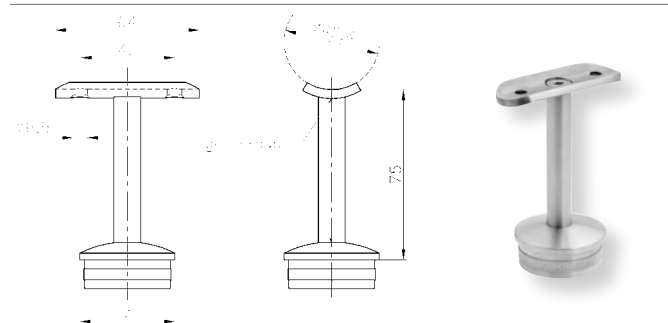


| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN5000450                                      | V4A; AISI 316 |

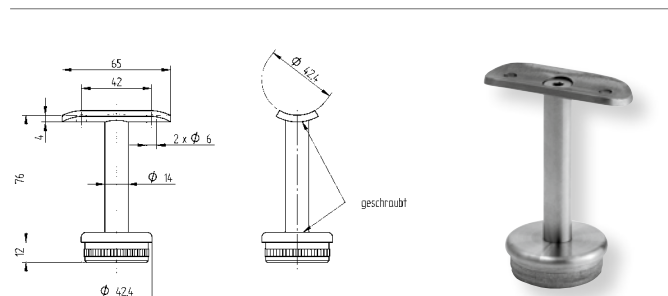


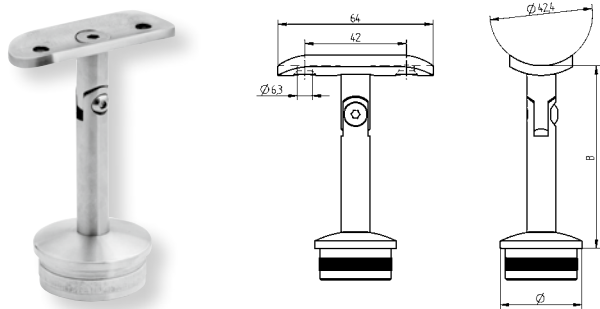
| #                                              | Material      | Ø          |
|------------------------------------------------|---------------|------------|
| geschliffen / satin finish / brossé / satinato |               |            |
| CN5100200                                      | V2A; AISI 304 | 33,7 x 2,0 |
| CN5100210                                      | V2A; AISI 304 | 42,4 x 2,0 |
| CN5100220                                      | V2A; AISI 304 | 48,3 x 2,0 |

dreiteilig, komplett mit Schrauben, Stift Ø 12 mm  
three part set, inc. cap, spiggot and saddle / en trois parties, complet avec vis, tige Ø 12 mm / tre pezzi, completo di viti, giunzione Ø 12mm



| #                                              | Material      | Anschlussplatte und Stopfen für Rundrohr |
|------------------------------------------------|---------------|------------------------------------------|
| geschliffen / satin finish / brossé / satinato |               |                                          |
| 100700                                         | V2A; AISI 304 | Ø 42,4 x 2,0                             |

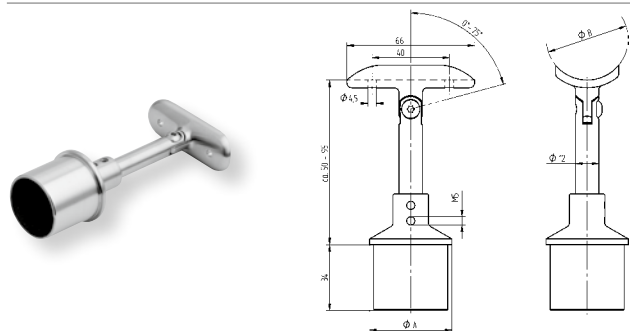




| #                                              | Material      | Ø          | B    |
|------------------------------------------------|---------------|------------|------|
| geschliffen / satin finish / brossé / satinato |               |            |      |
| CN5100100                                      | V2A; AISI 304 | 33,7 x 2,0 | 75,5 |
| CN5100110                                      | V2A; AISI 304 | 42,4 x 2,0 | 76,5 |
| CN5100120                                      | V2A; AISI 304 | 48,3 x 2,0 | 77,5 |

mit Gelenk, dreiteilig, komplett mit Schrauben, Stift Ø 12 mm, 0 - 90°

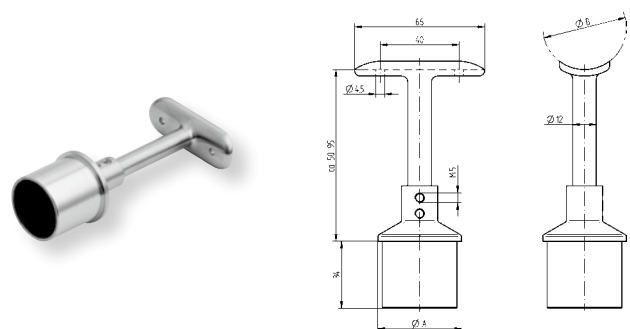
adjustable, three part set, inc. cap, spigot and saddle, 0 - 90° / orientable, en trois parties, complet avec vis, tige Ø 12 mm, 0 - 90° / snodato, tre pezzi, completo di viti, giunzione snodata Ø 12mm, 0 - 90°



| #                                              | Material      | Ø A        | Ø B  |
|------------------------------------------------|---------------|------------|------|
| geschliffen / satin finish / brossé / satinato |               |            |      |
| CN5100300                                      | V4A; AISI 316 | 33,7 x 2,0 | 33,7 |
| CN5100310                                      | V4A; AISI 316 | 42,4 x 2,0 | 42,4 |
| CN5100320                                      | V4A; AISI 316 | 48,3 x 2,0 | 48,3 |

höhenverstellbar, mit seitlichen Feststellschrauben

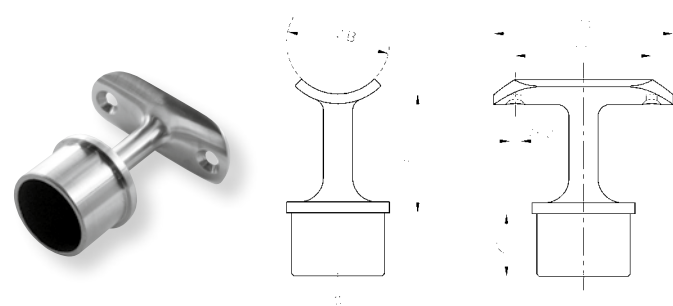
adjustable height / réglable en hauteur, avec vis de blocage latérales / regolabile in altezza, con grani laterali



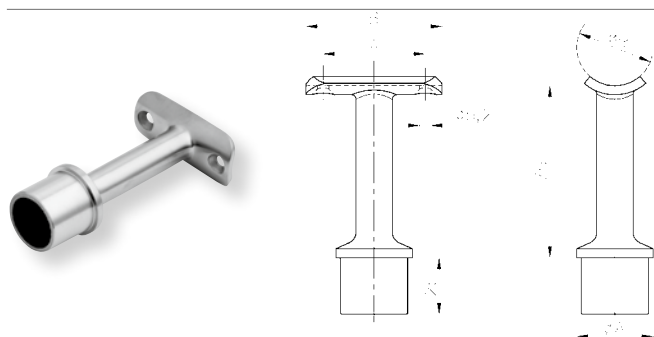
| #                                              | Material      | Ø A        | Ø B  |
|------------------------------------------------|---------------|------------|------|
| geschliffen / satin finish / brossé / satinato |               |            |      |
| CN5100400                                      | V4A; AISI 316 | 33,7 x 2,0 | 33,7 |
| CN5100410                                      | V4A; AISI 316 | 42,4 x 2,0 | 42,4 |
| CN5100420                                      | V4A; AISI 316 | 48,3 x 2,0 | 48,3 |

höhenverstellbar, mit seitlichen Feststellschrauben

adjustable height / réglable en hauteur, avec vis de blocage latérales / regolabile in altezza, con grani laterali

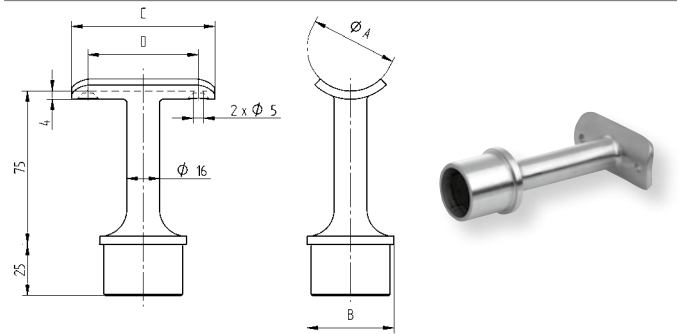


| #                                                                   | Material      | Ø          | Ø B  |
|---------------------------------------------------------------------|---------------|------------|------|
| geschliffen / satin finish / brossé / satinato                      |               |            |      |
| CN5101090                                                           | V4A; AISI 316 | 38,1 x 1,5 | 38,1 |
| CN5101100                                                           | V4A; AISI 316 | 40,0 x 2,0 | 40,0 |
| CN5101000                                                           | V4A; AISI 316 | 42,4 x 2,0 | 42,4 |
| CN5101110                                                           | V4A; AISI 316 | 50,8 x 1,5 | 50,8 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |            |      |
| CN5111090                                                           | V4A; AISI 316 | 38,1 x 1,5 | 38,1 |
| CN5111110                                                           | V4A; AISI 316 | 50,8 x 1,5 | 50,8 |

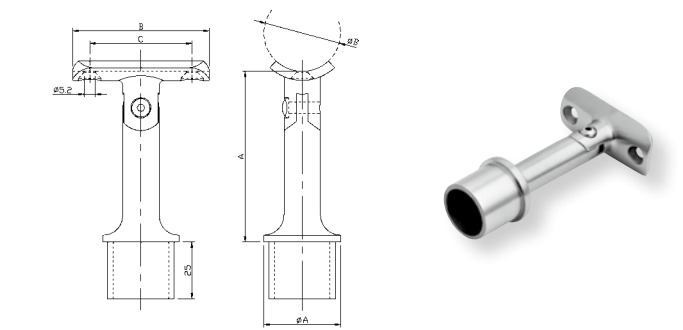


| #                                                                   | Material      | Ø A        | Ø B  | A  | B  |
|---------------------------------------------------------------------|---------------|------------|------|----|----|
| geschliffen / satin finish / brossé / satinato                      |               |            |      |    |    |
| CN5100700                                                           | V4A; AISI 316 | 33,7 x 2,0 | 33,7 | 45 | 60 |
| CN5100705                                                           | V4A; AISI 316 | 38,1 x 1,5 | 38,1 | 54 | 70 |
| CN5100720                                                           | V4A; AISI 316 | 42,4 x 2,0 | 42,4 | 54 | 70 |
| CN5100725                                                           | V4A; AISI 316 | 50,8 x 1,5 | 50,8 | 54 | 70 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |            |      |    |    |
| CN5100710                                                           | V4A; AISI 316 | 33,7 x 2,0 | 33,7 | 45 | 60 |
| CN5100715                                                           | V4A; AISI 316 | 38,1 x 1,5 | 38,1 | 54 | 70 |
| CN5100730                                                           | V4A; AISI 316 | 42,4 x 2,0 | 42,4 | 54 | 70 |
| CN5100735                                                           | V4A; AISI 316 | 50,8 x 1,5 | 50,8 | 54 | 70 |

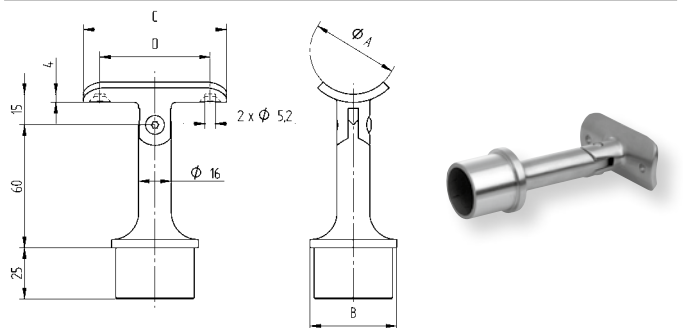
| #                                              | Material      | A    | B    | C  | D  |
|------------------------------------------------|---------------|------|------|----|----|
| geschliffen / satin finish / brossé / satinato |               |      |      |    |    |
| 150000                                         | V2A; AISI 304 | 33,7 | 33,7 | 60 | 45 |
| 150100                                         | V2A; AISI 304 | 42,4 | 42,4 | 70 | 54 |
| 150150                                         | V2A; AISI 304 | 42,4 | 48,3 | 70 | 54 |



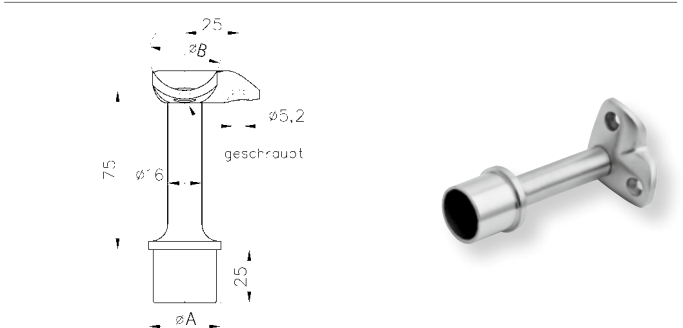
| #                                                                   | Material      | Ø A        | Ø B  | A  | B  | C  |
|---------------------------------------------------------------------|---------------|------------|------|----|----|----|
| geschliffen / satin finish / brossé / satinato                      |               |            |      |    |    |    |
| CN5100819                                                           | V2A; AISI 304 | 42,4 x 2,0 | 42,4 | 75 | 70 | 54 |
| CN5100800                                                           | V4A; AISI 316 | 33,7 x 2,0 | 33,7 | 70 | 60 | 45 |
| CN5100805                                                           | V4A; AISI 316 | 38,1 x 1,5 | 38,1 | 75 | 70 | 54 |
| CN5100820                                                           | V4A; AISI 316 | 42,4 x 2,0 | 42,4 | 75 | 70 | 54 |
| CN5100825                                                           | V4A; AISI 316 | 50,8 x 1,5 | 50,8 | 75 | 70 | 54 |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec- |               |            |      |    |    |    |
| CN5100810                                                           | V4A; AISI 316 | 33,7 x 2,0 | 33,7 | 70 | 60 | 45 |
| CN5100815                                                           | V4A; AISI 316 | 38,1 x 1,5 | 38,1 | 75 | 70 | 54 |
| CN5100830                                                           | V4A; AISI 316 | 42,4 x 2,0 | 42,4 | 75 | 70 | 54 |
| CN5100835                                                           | V4A; AISI 316 | 50,8 x 1,5 | 50,8 | 75 | 70 | 54 |



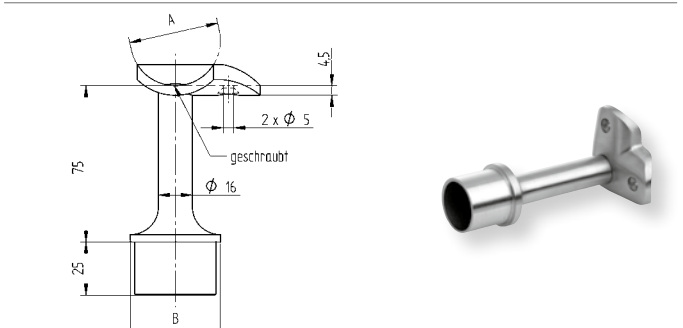
| #                                              | Material      | A    | B    | C  | D  |
|------------------------------------------------|---------------|------|------|----|----|
| geschliffen / satin finish / brossé / satinato |               |      |      |    |    |
| 160000                                         | V2A; AISI 304 | 33,7 | 33,7 | 60 | 45 |
| 160100                                         | V2A; AISI 304 | 42,4 | 42,4 | 70 | 54 |
| 160150                                         | V2A; AISI 304 | 42,4 | 48,3 | 70 | 54 |

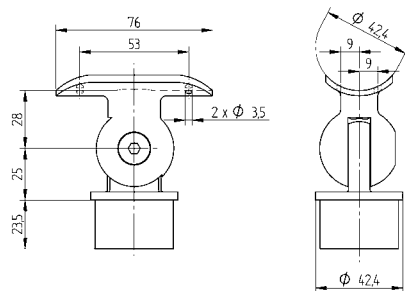


| #                                              | Material      | Ø A        | Ø B  |
|------------------------------------------------|---------------|------------|------|
| geschliffen / satin finish / brossé / satinato |               |            |      |
| CN5100900                                      | V4A; AISI 316 | 33,7 x 2,0 | 33,7 |
| CN5100910                                      | V4A; AISI 316 | 42,4 x 2,0 | 42,4 |

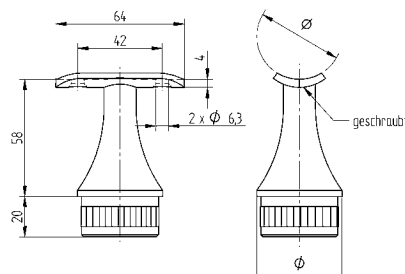


| #                                              | Material      | A    | B    |
|------------------------------------------------|---------------|------|------|
| geschliffen / satin finish / brossé / satinato |               |      |      |
| 170000                                         | V2A; AISI 304 | 33,7 | 33,7 |
| 170100                                         | V2A; AISI 304 | 42,4 | 42,4 |
| 170150                                         | V2A; AISI 304 | 42,4 | 48,3 |

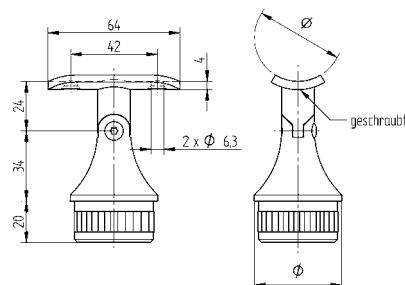




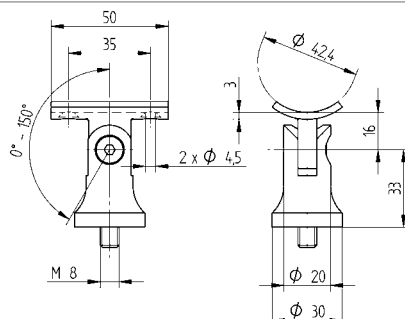
| #                                              | Material      | Anschlussplatte für Rundrohr |
|------------------------------------------------|---------------|------------------------------|
| geschliffen / satin finish / brossé / satinato |               |                              |
| 100500                                         | V2A; AISI 304 | Ø 42,4 x 2,0                 |



| #                                              | Material      | Ø          |
|------------------------------------------------|---------------|------------|
| geschliffen / satin finish / brossé / satinato |               |            |
| 100200                                         | V2A; AISI 304 | 33,7 x 2,0 |
| 100210                                         | V2A; AISI 304 | 42,4 x 2,0 |
| 100220                                         | V2A; AISI 304 | 42,4 x 2,6 |
| 100230                                         | V2A; AISI 304 | 48,3 x 2,0 |
| 100240                                         | V2A; AISI 304 | 48,3 x 2,6 |

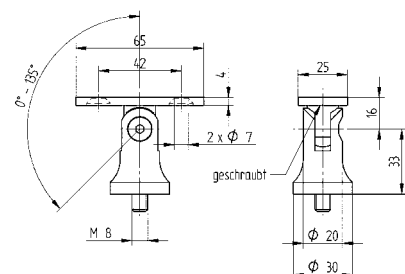


| #                                              | Material      | Ø          |
|------------------------------------------------|---------------|------------|
| geschliffen / satin finish / brossé / satinato |               |            |
| 100250                                         | V2A; AISI 304 | 33,7 x 2,0 |
| 100260                                         | V2A; AISI 304 | 42,4 x 2,0 |
| 100270                                         | V2A; AISI 304 | 42,4 x 2,6 |
| 100280                                         | V2A; AISI 304 | 48,3 x 2,0 |
| 100290                                         | V2A; AISI 304 | 48,3 x 2,6 |



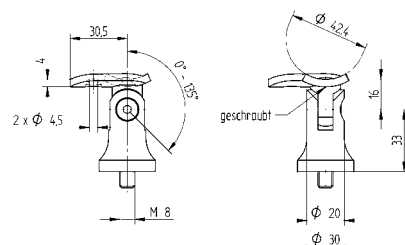
| #                                              | Material      | Anschluss |
|------------------------------------------------|---------------|-----------|
| geschliffen / satin finish / brossé / satinato |               |           |
| 240610                                         | V2A; AISI 304 | Ø 42,4    |
| geschliffen / satin finish / brossé / satinato |               |           |
| 240615                                         | V4A; AISI 316 | Ø 42,4    |

NEW



| #                                              | Material      | Anschluss                     |
|------------------------------------------------|---------------|-------------------------------|
| geschliffen / satin finish / brossé / satinato |               |                               |
| 240600                                         | V2A; AISI 304 | gerade / flat / plat / dritto |
| geschliffen / satin finish / brossé / satinato |               |                               |
| 240605                                         | V4A; AISI 316 | gerade / flat / plat / dritto |

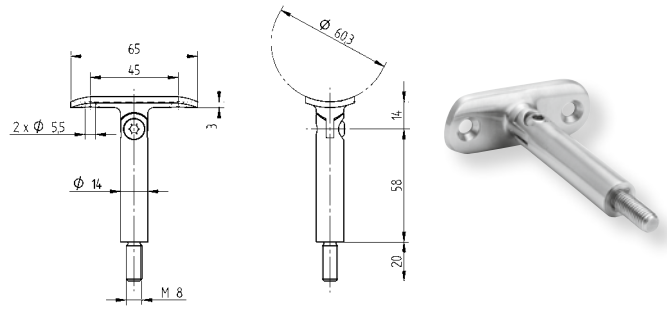
NEW



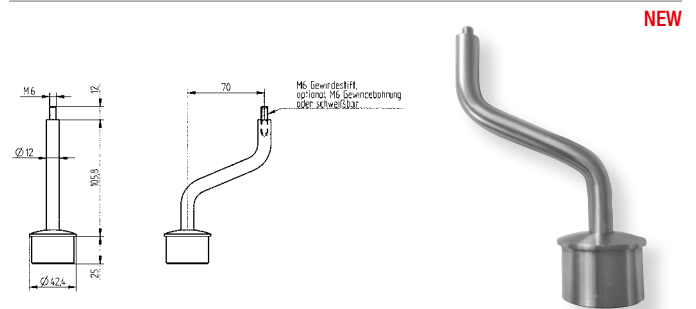
| #                                              | Material      | Anschluss |
|------------------------------------------------|---------------|-----------|
| geschliffen / satin finish / brossé / satinato |               |           |
| 240620                                         | V2A; AISI 304 | Ø 42,4    |
| geschliffen / satin finish / brossé / satinato |               |           |
| 240621                                         | V4A; AISI 316 | Ø 42,4    |



| #                                              | Material      | Anschlussplatte für Rundrohr | Außengewinde |
|------------------------------------------------|---------------|------------------------------|--------------|
| geschliffen / satin finish / brossé / satinato |               |                              |              |
| 240500                                         | V2A; AISI 304 | Ø 60,3                       | M8           |

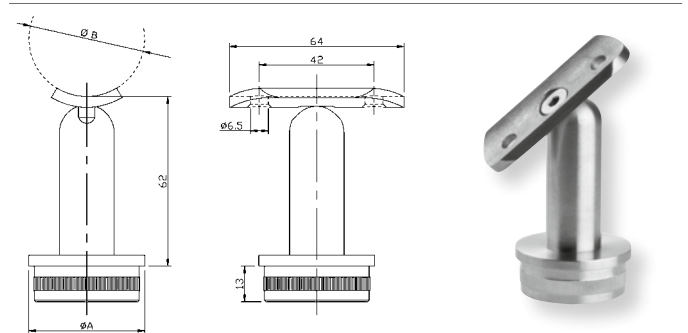


| #                                              | Material      |        |    |
|------------------------------------------------|---------------|--------|----|
| geschliffen / satin finish / brossé / satinato |               |        |    |
| 200550                                         | V2A; AISI 304 | Ø 42,4 | 12 |

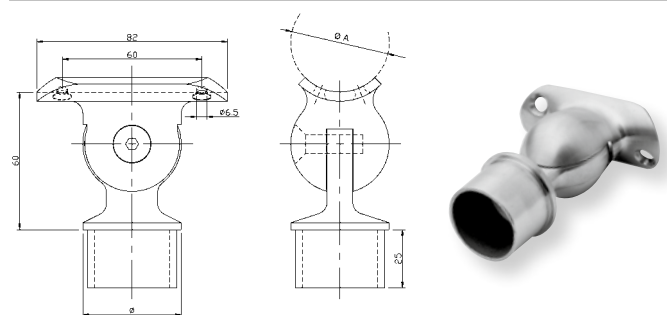


| #                                              | Material      | Ø          | Ø A  |
|------------------------------------------------|---------------|------------|------|
| geschliffen / satin finish / brossé / satinato |               |            |      |
| CN5102100                                      | V4A; AISI 316 | 33,7 x 2,0 | 33,7 |
| CN5102200                                      | V4A; AISI 316 | 42,4 x 2,0 | 42,4 |
| CN5102300                                      | V4A; AISI 316 | 48,3 x 2,0 | 48,3 |

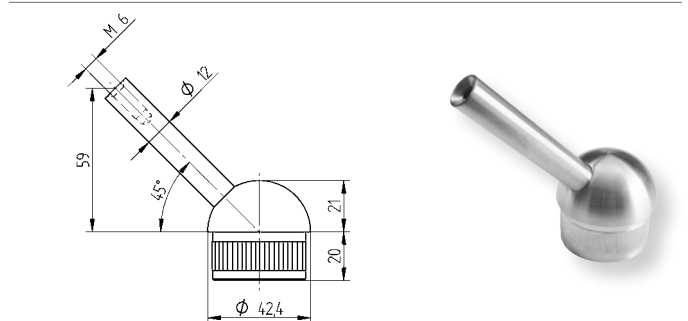
mit innenliegenden Kugelgelenk, Neigungswinkel flexibel einstellbar  
variable pin support / avec articulation sphérique intégrée, angle d'orientation  
librement réglable / con snodo sferico interno, orientabile



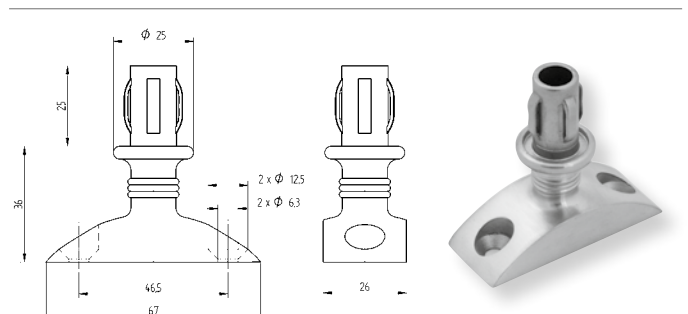
| #                                              | Material      | Ø          | Ø A  |
|------------------------------------------------|---------------|------------|------|
| geschliffen / satin finish / brossé / satinato |               |            |      |
| CN5101200                                      | V4A; AISI 316 | 40,0 x 2,0 | 40,0 |
| CN5101300                                      | V4A; AISI 316 | 42,4 x 2,0 | 42,4 |



| #                                              | Material      | für Rundrohr | Gewindestift<br>Innenbohrung |
|------------------------------------------------|---------------|--------------|------------------------------|
| geschliffen / satin finish / brossé / satinato |               |              |                              |
| 100900                                         | V2A; AISI 304 | Ø 42,4 x 2,0 | M6                           |



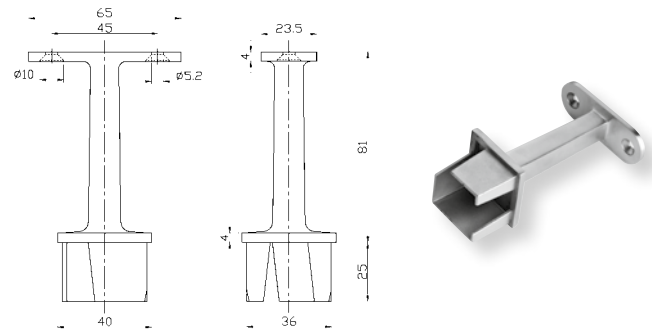
| #                                              | Material      | für Rundrohr   |
|------------------------------------------------|---------------|----------------|
| geschliffen / satin finish / brossé / satinato |               |                |
| 570200                                         | V2A; AISI 304 | 20 x 1,0 - 2,0 |



12



| #                                              | Material                    |
|------------------------------------------------|-----------------------------|
| geschliffen / satin finish / brossé / satinato |                             |
| CN4901200                                      | V2A; AISI 304 40 x 40 x 2,0 |



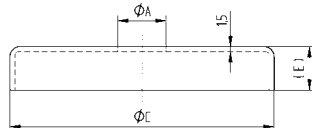
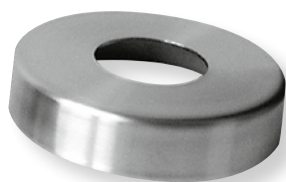




## Rosetten

Base Covers / Cache-platines / Copriflange





| #                                                                     | Material      | A      | C     | E  |
|-----------------------------------------------------------------------|---------------|--------|-------|----|
| geschliffen / satin finish / brossé / satinato                        |               |        |       |    |
| CN7900200                                                             | V2A; AISI 304 | Ø 12,5 | Ø 45  | 10 |
| CN7900210                                                             | V2A; AISI 304 | Ø 12,5 | Ø 62  | 15 |
| CN7900220                                                             | V2A; AISI 304 | Ø 20,5 | Ø 62  | 15 |
| CN7900230                                                             | V2A; AISI 304 | Ø 12,5 | Ø 76  | 12 |
| CN7900240                                                             | V2A; AISI 304 | Ø 14,5 | Ø 76  | 12 |
| CN7900250                                                             | V2A; AISI 304 | Ø 34,5 | Ø 82  | 15 |
| CN7900260                                                             | V2A; AISI 304 | Ø 43,0 | Ø 82  | 15 |
| CN7900270                                                             | V2A; AISI 304 | Ø 34,5 | Ø 105 | 25 |
| CN7900280                                                             | V2A; AISI 304 | Ø 43,0 | Ø 105 | 25 |
| CN7900290                                                             | V2A; AISI 304 | Ø 49,0 | Ø 105 | 25 |
| CN7900300                                                             | V2A; AISI 304 | Ø 43,0 | Ø 125 | 25 |
| CN7900310                                                             | V2A; AISI 304 | Ø 49,0 | Ø 125 | 25 |
| geschliffen / satin finish / brossé / satinato                        |               |        |       |    |
| CN7800100                                                             | V4A; AISI 316 | Ø 12,5 | Ø 76  | 12 |
| CN7800110                                                             | V4A; AISI 316 | Ø 14,5 | Ø 76  | 12 |
| CN7800120                                                             | V4A; AISI 316 | Ø 43,0 | Ø 84  | 15 |
| CN7800130                                                             | V4A; AISI 316 | Ø 34,5 | Ø 105 | 25 |
| CN7800135                                                             | V4A; AISI 316 | Ø 38,7 | Ø 105 | 25 |
| CN7800140                                                             | V4A; AISI 316 | Ø 43,0 | Ø 105 | 25 |
| CN7800150                                                             | V4A; AISI 316 | Ø 49,0 | Ø 105 | 25 |
| CN7800160                                                             | V4A; AISI 316 | Ø 43,0 | Ø 125 | 22 |
| CN7800170                                                             | V4A; AISI 316 | Ø 49,0 | Ø 125 | 25 |
| CN7800175                                                             | V4A; AISI 316 | Ø 49,0 | Ø 145 | 25 |
| CN7800200                                                             | V4A; AISI 316 | Ø 51,4 | Ø 130 | 25 |
| CN7800180                                                             | V4A; AISI 316 | Ø 61,0 | Ø 145 | 25 |
| CN7800190                                                             | V4A; AISI 316 | Ø 76,3 | Ø 170 | 25 |
| hochglanzpoliert / mirror polished / poli miroir/ lucidato a specchio |               |        |       |    |
| CN7900100                                                             | V4A; AISI 316 | Ø 12,5 | Ø 76  | 12 |
| CN7900110                                                             | V4A; AISI 316 | Ø 14,5 | Ø 76  | 12 |
| CN7900120                                                             | V4A; AISI 316 | Ø 34,5 | Ø 105 | 25 |
| CN7900125                                                             | V4A; AISI 316 | Ø 38,5 | Ø 105 | 25 |
| CN7900126                                                             | V4A; AISI 316 | Ø 40,5 | Ø 105 | 25 |
| CN7900130                                                             | V4A; AISI 316 | Ø 43,0 | Ø 105 | 25 |
| CN7900135                                                             | V4A; AISI 316 | Ø 45,5 | Ø 105 | 25 |
| CN7900140                                                             | V4A; AISI 316 | Ø 49,0 | Ø 105 | 25 |
| CN7900160                                                             | V4A; AISI 316 | Ø 43,0 | Ø 125 | 25 |
| CN7900170                                                             | V4A; AISI 316 | Ø 49,0 | Ø 125 | 25 |
| CN7900180                                                             | V4A; AISI 316 | Ø 51,2 | Ø 105 | 25 |

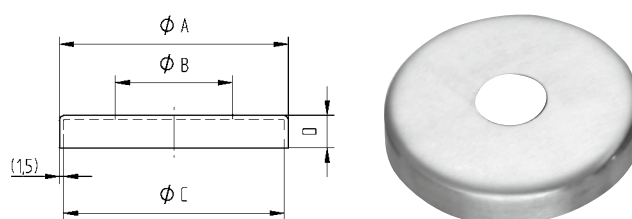
**Materialstärke 1,5 , einzeln im Polybeutel verpackt**  
material thickness 1,5 , individually packed in plastic bags / épaisseur 1,5 mm,  
emballé individuellement en sachet / Spessore 1,5 , imbustate singolarmente



| #                                              | Material      | ØA  | ØB   | ØC  | ØD |
|------------------------------------------------|---------------|-----|------|-----|----|
| geschliffen / satin finish / brossé / satinato |               |     |      |     |    |
| 500000                                         | V2A; AISI 304 | 45  | 12,5 | 42  | 10 |
| 500050                                         | V2A; AISI 304 | 45  | 14,5 | 42  | 10 |
| 500100                                         | V2A; AISI 304 | 76  | 12,5 | 73  | 12 |
| 500110                                         | V2A; AISI 304 | 76  | 14,5 | 73  | 12 |
| 500115                                         | V2A; AISI 304 | 76  | 16,2 | 73  | 12 |
| 500120                                         | V2A; AISI 304 | 76  | 20,5 | 73  | 12 |
| 500130                                         | V2A; AISI 304 | 76  | 34,0 | 73  | 12 |
| 500140                                         | V2A; AISI 304 | 76  | 40,5 | 73  | 12 |
| 500150                                         | V2A; AISI 304 | 76  | 42,8 | 73  | 12 |
| 500160                                         | V2A; AISI 304 | 76  | 48,6 | 73  | 12 |
| 500200                                         | V2A; AISI 304 | 84  | 43,0 | 81  | 12 |
| 500230                                         | V2A; AISI 304 | 105 | 34,0 | 102 | 16 |
| 500250                                         | V2A; AISI 304 | 105 | 40,5 | 102 | 16 |
| 500300                                         | V2A; AISI 304 | 105 | 42,8 | 102 | 16 |
| 500350                                         | V2A; AISI 304 | 105 | 48,6 | 102 | 16 |

Materialstärke 1,5 mm, einzeln im Polybeutel verpackt

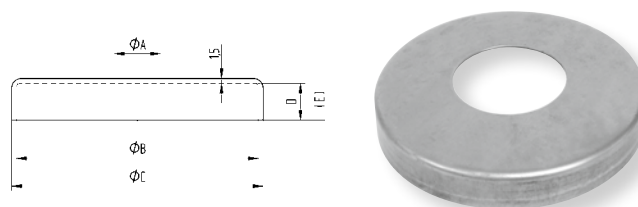
thickness 1,5 mm / épaisseur 1,5 mm, emballé individuellement en sachet /  
spessore 1,5 mm, imbustate singolarmente



| #                               | Material    | A    | B   | C   | D    | E    |
|---------------------------------|-------------|------|-----|-----|------|------|
| Stahl / steel / acier / acciaio |             |      |     |     |      |      |
| 76200                           | ST37 / Q235 | 12,5 | 42  | 45  | 8,5  | 10,0 |
| 76210                           | ST37 / Q235 | 14,5 | 42  | 45  | 8,5  | 15,0 |
| 76300                           | ST37 / Q235 | 12,5 | 73  | 76  | 11,5 | 13,0 |
| 76310                           | ST37 / Q235 | 14,5 | 73  | 76  | 11,5 | 13,0 |
| 76400                           | ST37 / Q235 | 34,0 | 102 | 105 | 14,5 | 16,0 |
| 76410                           | ST37 / Q235 | 43,0 | 102 | 105 | 14,5 | 16,0 |
| 76420                           | ST37 / Q235 | 48,6 | 102 | 105 | 14,5 | 16,0 |

garantiert verzinkungsfähig

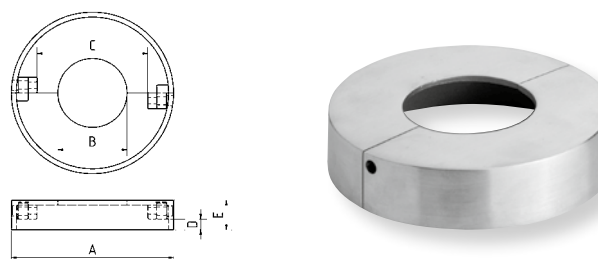
suitable for zinc coating / adapté à la galvanisation / zincabile

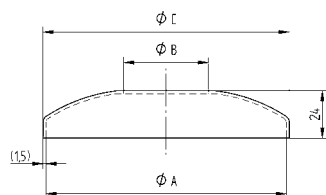


| #                                                                    | Material      | A   | B    | C  | D  | E  |
|----------------------------------------------------------------------|---------------|-----|------|----|----|----|
| geschliffen / satin finish / brossé / satinato                       |               |     |      |    |    |    |
| CN8000100                                                            | V4A; AISI 316 | 45  | 12,5 | 19 | 1  | 10 |
| CN8000110                                                            | V4A; AISI 316 | 62  | 12,5 | 36 | 6  | 15 |
| CN8000120                                                            | V4A; AISI 316 | 62  | 20,5 | 36 | 6  | 15 |
| CN8000130                                                            | V4A; AISI 316 | 76  | 12,5 | 50 | 2  | 16 |
| CN8000140                                                            | V4A; AISI 316 | 76  | 15,6 | 56 | 8  | 18 |
| CN8000150                                                            | V4A; AISI 316 | 82  | 34,5 | 57 | 6  | 15 |
| CN8000160                                                            | V4A; AISI 316 | 82  | 43,0 | 57 | 6  | 15 |
| CN8000170                                                            | V4A; AISI 316 | 105 | 43,0 | 79 | 16 | 25 |
| CN8000180                                                            | V4A; AISI 316 | 105 | 49,0 | 79 | 16 | 25 |
| CN8000190                                                            | V4A; AISI 316 | 125 | 49,0 | 99 | 16 | 25 |
| hochglanzpoliert/ mirror polished / poli miroir/ lucidato a specchio |               |     |      |    |    |    |
| CN8000200                                                            | V4A; AISI 316 | 76  | 15,6 | 56 | 8  | 18 |

erleichtert die Montage. Optimal zum Nachrüsten bestehender Gewerke geeignet

2-parts, easy mounting / idéal pour l'assemblage ultérieur sur du matériel déjà  
posé / facilita l'installazione su montanti già assemblati

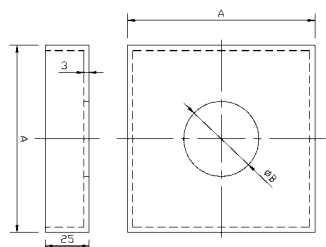
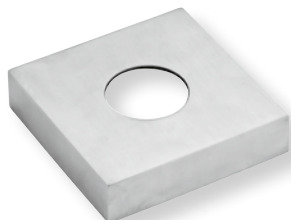




| #                                              | Material      | ØA  | ØB | ØC  |
|------------------------------------------------|---------------|-----|----|-----|
| geschliffen / satin finish / brossé / satinato |               |     |    |     |
| 500400                                         | V2A; AISI 304 | 122 | 43 | 125 |
| 500450                                         | V2A; AISI 304 | 122 | 49 | 125 |
| 500500                                         | V2A; AISI 304 | 142 | 49 | 145 |
| 500550                                         | V2A; AISI 304 | 142 | 61 | 145 |

gewölbt, Materialstärke 1,5 mm, einzeln im Polybeutel verpackt

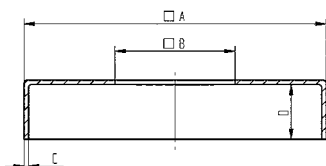
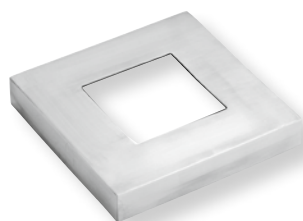
curved, thickness 1,5 mm / bombé, ép. 1,5 mm, emballé individuellement en sachet / bombata, spessore 1,5 mm, imbustate singolarmente



| #                                              | Material      | A      | B         |
|------------------------------------------------|---------------|--------|-----------|
| geschliffen / satin finish / brossé / satinato |               |        |           |
| CN8100100                                      | V4A; AISI 316 | 102 mm | Ø 34,0 mm |
| CN8100110                                      | V4A; AISI 316 | 102 mm | Ø 43,0 mm |
| CN8100120                                      | V4A; AISI 316 | 125 mm | Ø 43,0 mm |
| CN8100130                                      | V4A; AISI 316 | 125 mm | Ø 49,0 mm |

#### Abdeckrosette

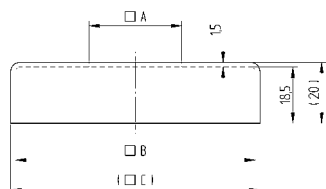
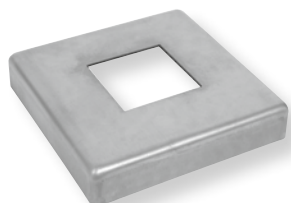
base covers / cache-platine / copriflangia



| #                                              | Material      | A     | B    | C   | D    |
|------------------------------------------------|---------------|-------|------|-----|------|
| geschliffen / satin finish / brossé / satinato |               |       |      |     |      |
| CN8200100                                      | V4A; AISI 316 | 72,0  | 25,5 | 1,5 | 18,5 |
| CN8200110                                      | V4A; AISI 316 | 72,0  | 30,5 | 1,5 | 18,5 |
| CN8200120                                      | V4A; AISI 316 | 72,0  | 40,5 | 1,5 | 18,5 |
| CN8200135                                      | V4A; AISI 316 | 105,0 | 40,5 | 1,5 | 23,5 |
| CN8200145                                      | V4A; AISI 316 | 125,0 | 60,5 | 1,5 | 23,5 |
| CN8200150                                      | V4A; AISI 316 | 147,0 | 80,5 | 2,0 | 23,5 |

#### für Quadratrohre

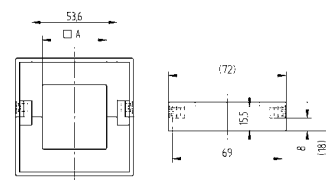
for square tubes / pour tube carré / per tubi quadrati



| #                               | Material    | A    | B     | C     |
|---------------------------------|-------------|------|-------|-------|
| Stahl / steel / acier / acciaio |             |      |       |       |
| 76500                           | ST37 / Q235 | 20,5 | 69,0  | 72,0  |
| 76510                           | ST37 / Q235 | 25,5 | 69,0  | 72,0  |
| 76520                           | ST37 / Q235 | 30,5 | 79,0  | 82,0  |
| 76530                           | ST37 / Q235 | 40,5 | 99,0  | 102,0 |
| 76540                           | ST37 / Q235 | 60,5 | 119,0 | 122,0 |

#### für Quadratrohr, garantiert verzinkungsfähig

for square tubes, suitable for zinc coating / pour tube carré, adapté à la galvanisation / per tubi quadrati, zincabili



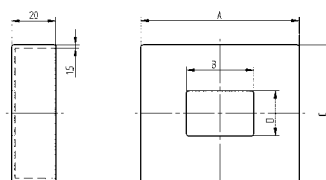
| #                                              | Material      | A       |
|------------------------------------------------|---------------|---------|
| geschliffen / satin finish / brossé / satinato |               |         |
| CN8000350                                      | V4A; AISI 316 | 30,5 mm |
| CN8000360                                      | V4A; AISI 316 | 40,5 mm |

#### zweiteilige Rosette

base covers cache-platine en deux parties / copriflangia in due pezzi

erleichtert die Montage und ist optimal zum Nachrüsten bestehender Gewerke geeignet

2-parts, easy mounting / idéal pour l'assemblage ultérieur sur du matériel déjà posé / in 2 parti, facilita l'installazione su montanti già assemblati



| #                                              | Material      | A     | B    | C     | D    |
|------------------------------------------------|---------------|-------|------|-------|------|
| geschliffen / satin finish / brossé / satinato |               |       |      |       |      |
| CN8300100                                      | V4A; AISI 316 | 72,0  | 30,5 | 62,0  | 20,5 |
| CN8300110                                      | V4A; AISI 316 | 72,0  | 40,5 | 62,0  | 20,5 |
| CN8300120                                      | V4A; AISI 316 | 102,0 | 40,5 | 72,0  | 30,5 |
| CN8300130                                      | V4A; AISI 316 | 122,0 | 60,5 | 102,0 | 40,5 |

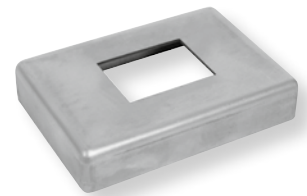
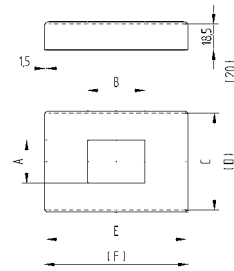
#### für Rechteckrohre

for square tubes / pour tube rectangulaire / per tubi rettangolari

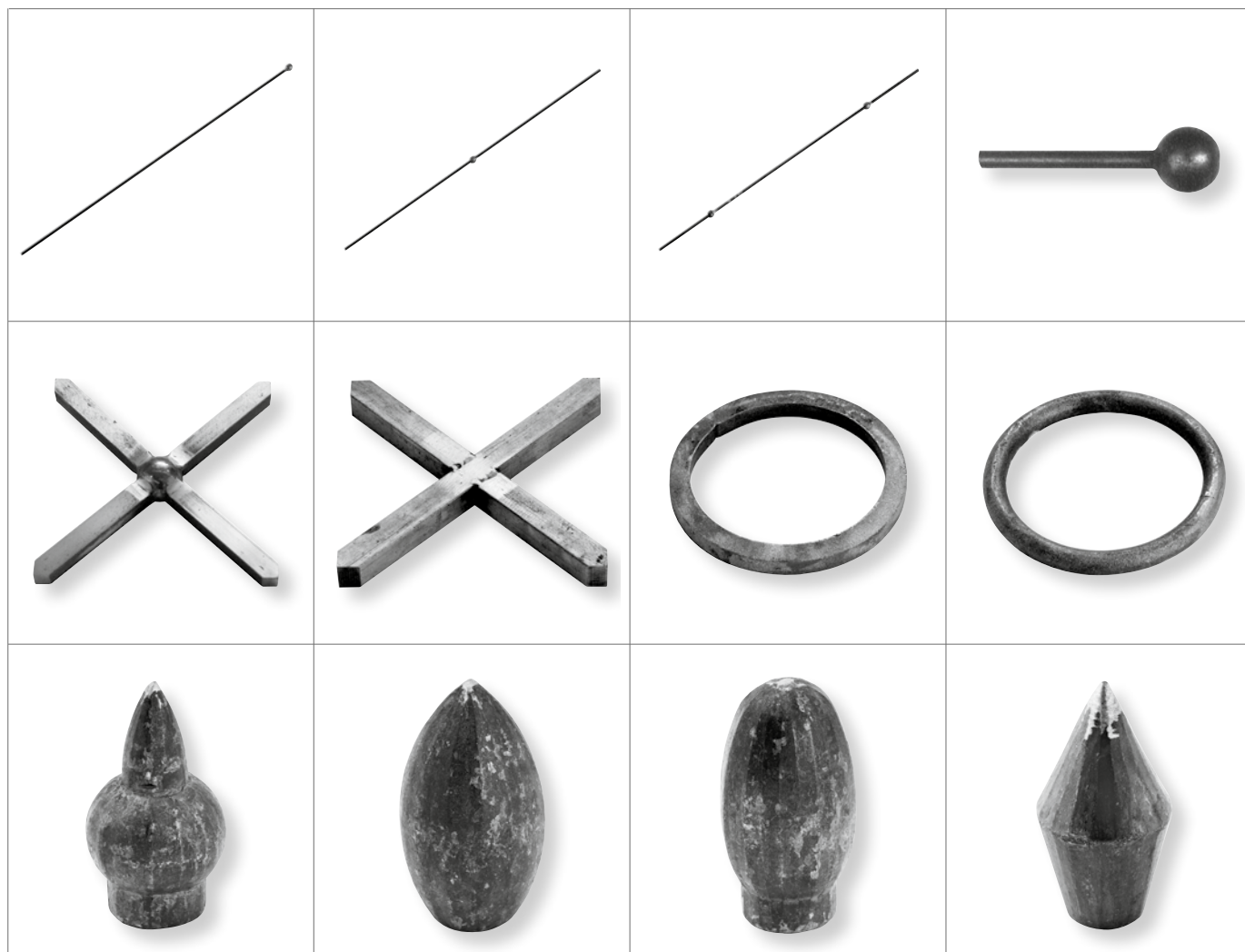
| #                               | Material    | A    | B    | C    | D     | E     | F     |
|---------------------------------|-------------|------|------|------|-------|-------|-------|
| Stahl / steel / acier / acciaio |             |      |      |      |       |       |       |
| 76550                           | ST37 / Q235 | 20,5 | 30,5 | 59,0 | 62,0  | 69,0  | 72,0  |
| 76560                           | ST37 / Q235 | 20,5 | 40,5 | 59,0 | 62,0  | 69,0  | 72,0  |
| 76570                           | ST37 / Q235 | 30,5 | 40,5 | 69,0 | 72,0  | 99,0  | 102,0 |
| 76580                           | ST37 / Q235 | 40,5 | 60,5 | 99,0 | 102,0 | 119,0 | 122,0 |

**für Rechteckrohr, garantiert verzinkungsfähig**

for square tubes, suitable for zinc coating / pour tube rectangulaire, adapté à la galvanisation / per tubi rettangolari, zincabili



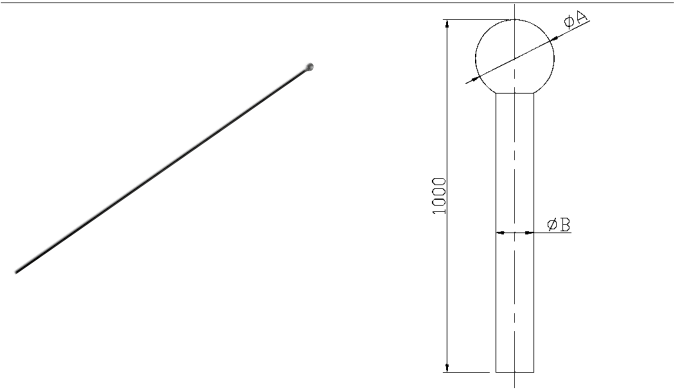




## Schmiedeeisen / Halbfertigteile

Wrought Iron / Fer forgé / Ferro Battuto

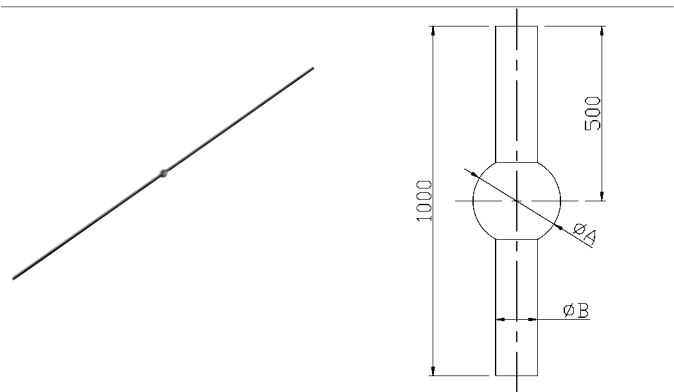




| #                         | Material  | Ø A | Ø B |
|---------------------------|-----------|-----|-----|
| Stahl/steel/acier/acciaio |           |     |     |
| 79000                     | AISI 1015 | 20  | 10  |
| 79010                     | AISI 1015 | 25  | 10  |
| 79020                     | AISI 1015 | 20  | 12  |
| 79030                     | AISI 1015 | 25  | 12  |
| 79040                     | AISI 1015 | 30  | 12  |

Geländerstab mit Kugel als Abschluss, heiß geschmiedet, garantiert verzinkungsfähig

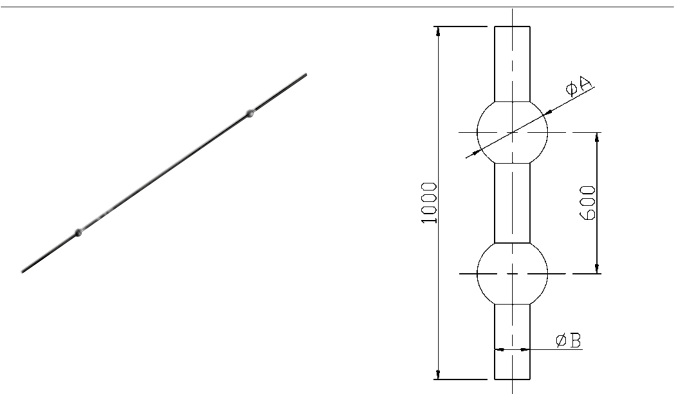
staves with 1 ball, wroughted, able for zinc coating / barreau de garde-corps avec terminaison en boule, forgé à chaud, garanti apte à la galvanisation / paletto forgiato a caldo con sfera terminale, zincabile a caldo



| #                         | Material  | Ø A | Ø B |
|---------------------------|-----------|-----|-----|
| Stahl/steel/acier/acciaio |           |     |     |
| 79050                     | AISI 1015 | 20  | 10  |
| 79060                     | AISI 1015 | 25  | 10  |
| 79070                     | AISI 1015 | 20  | 12  |
| 79080                     | AISI 1015 | 25  | 12  |
| 79090                     | AISI 1015 | 30  | 12  |

Geländerstab mit Kugel mittig, heiß geschmiedet, garantiert verzinkungsfähig

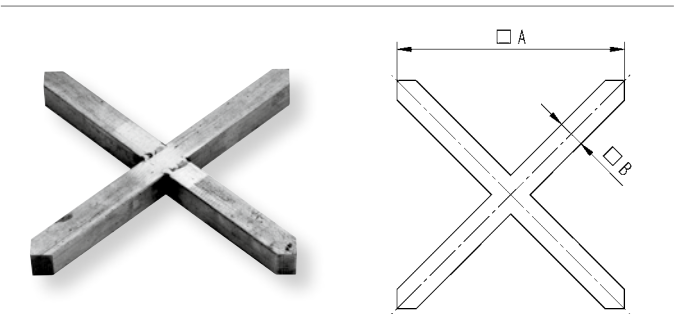
staves with a ball, wroughted, suitable for zinc coating / barreau de garde-corps avec boule centrée, forgé à chaud, garanti apte à la galvanisation / paletto forgiato a caldo con sfera centrale, zincabile a caldo



| #                         | Material  | Ø A | Ø B |
|---------------------------|-----------|-----|-----|
| Stahl/steel/acier/acciaio |           |     |     |
| 79100                     | AISI 1015 | 20  | 10  |
| 79110                     | AISI 1015 | 25  | 10  |
| 79120                     | AISI 1015 | 20  | 12  |
| 79130                     | AISI 1015 | 25  | 12  |
| 79140                     | AISI 1015 | 30  | 12  |

Geländerstab mit 2 Kugeln, oben und unten, heiß geschmiedet, garantiert verzinkungsfähig

staves with 2 balls, wroughted, suitable for zinc coating / barreau de garde-corps à 2 boules, en extrémité, forgé à chaud, garanti apte à la galvanisation / paletto forgiato a caldo con 2 sfere, zincabile a caldo



| #                         | Material  | A   | B  |
|---------------------------|-----------|-----|----|
| Stahl/steel/acier/acciaio |           |     |    |
| 78100                     | AISI 1015 | 100 | 12 |
| 78125                     | AISI 1015 | 125 | 12 |
| 78200                     | AISI 1015 | 100 | 14 |
| 78225                     | AISI 1015 | 125 | 14 |

Kreuze

cross / croix / croci

garantiert verzinkungsfähig

suitable for zinc coating / garanti apte à la galvanisation / zincabili a caldo



| #                                | Material  | A   | B  |
|----------------------------------|-----------|-----|----|
| <b>Stahl/steel/acier/acciaio</b> |           |     |    |
| 78300                            | AISI 1015 | 100 | 12 |
| 78325                            | AISI 1015 | 125 | 12 |
| 78400                            | AISI 1015 | 100 | 14 |
| 78425                            | AISI 1015 | 125 | 14 |

**garantiert verzinkungsfähig**

suitable for zinc coating / garanti apte à la galvanisation / zincabili a caldo

| #                                | Material  | A   | B  |
|----------------------------------|-----------|-----|----|
| <b>Stahl/steel/acier/acciaio</b> |           |     |    |
| 78700                            | AISI 1015 | 100 | 10 |
| 78710                            | AISI 1015 | 110 | 10 |
| 78720                            | AISI 1015 | 120 | 10 |
| 78730                            | AISI 1015 | 130 | 10 |
| 78740                            | AISI 1015 | 140 | 10 |
| 78750                            | AISI 1015 | 150 | 10 |
| 78800                            | AISI 1015 | 100 | 12 |
| 78810                            | AISI 1015 | 110 | 12 |
| 78820                            | AISI 1015 | 120 | 12 |
| 78830                            | AISI 1015 | 130 | 12 |
| 78840                            | AISI 1015 | 140 | 12 |
| 78850                            | AISI 1015 | 150 | 12 |

**Ringe**

rings / anneaux / cerchi

**geschlossene, verschweißte Ausführung, garantiert verzinkungsfähig**

complete closed version, suitable for zinc coating / modèle soudé, fermé, garanti apte à la galvanisation / versione chiusa, saldata, zincabile a caldo

| #                                | Material  | A   | B  |
|----------------------------------|-----------|-----|----|
| <b>Stahl/steel/acier/acciaio</b> |           |     |    |
| 78500                            | AISI 1015 | 100 | 10 |
| 78510                            | AISI 1015 | 110 | 10 |
| 78520                            | AISI 1015 | 120 | 10 |
| 78530                            | AISI 1015 | 130 | 10 |
| 78540                            | AISI 1015 | 140 | 10 |
| 78550                            | AISI 1015 | 150 | 10 |
| 78600                            | AISI 1015 | 100 | 12 |
| 78610                            | AISI 1015 | 110 | 12 |
| 78620                            | AISI 1015 | 120 | 12 |
| 78630                            | AISI 1015 | 130 | 12 |
| 78640                            | AISI 1015 | 140 | 12 |
| 78650                            | AISI 1015 | 150 | 12 |

**Ringe**

rings / anneaux / cerchi

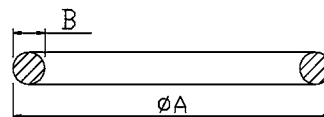
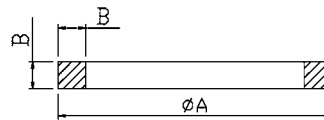
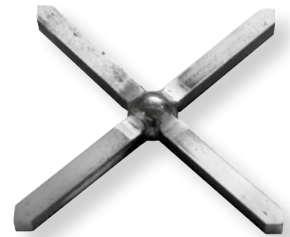
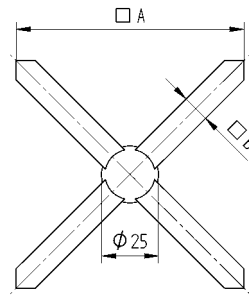
**geschlossene, verschweißte Ausführung, garantiert verzinkungsfähig**

complete closed version, suitable for zinc coating / modèle soudé, fermé, garanti apte à la galvanisation / versione chiusa, saldata, zincabile a caldo

| #                                | Material  | Kopf | Schaft |
|----------------------------------|-----------|------|--------|
| <b>Stahl/steel/acier/acciaio</b> |           |      |        |
| 89300                            | AISI 1015 | 10   | 50/5,0 |
| 89310                            | AISI 1015 | 13   | 50/5,5 |
| 89320                            | AISI 1015 | 16   | 50/5,5 |

**Schaftkugeln**

flagpole ball / sphères creuses / sfera con gambo





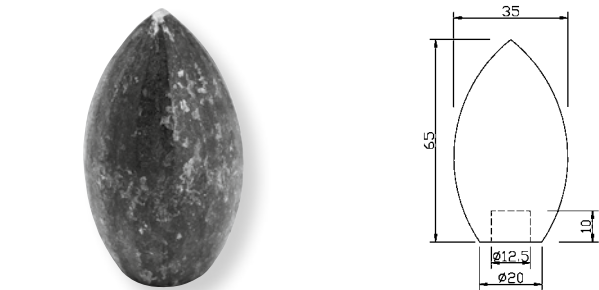
| #                         | Material  | Kopf | Schaft |
|---------------------------|-----------|------|--------|
| Stahl/steel/acier/acciaio |           |      |        |
| 89340                     | AISI 1015 | 20   | 50     |
| 89350                     | AISI 1015 | 24   | 50     |
| 89360                     | AISI 1015 | 16   | 50     |
| 89370                     | AISI 1015 | 19   | 50     |

Schafthniet  
flagpole nut / rivet à tige / rivetti



| #                         | Material  | Ø  | Bohrung |
|---------------------------|-----------|----|---------|
| Stahl/steel/acier/acciaio |           |    |         |
| 89390                     | AISI 1015 | 10 | 5,0     |
| 89430                     | AISI 1015 | 27 | 5,5     |

Anniere mit Loch  
rivet with hole / pièce à riveter percée / sfera forata



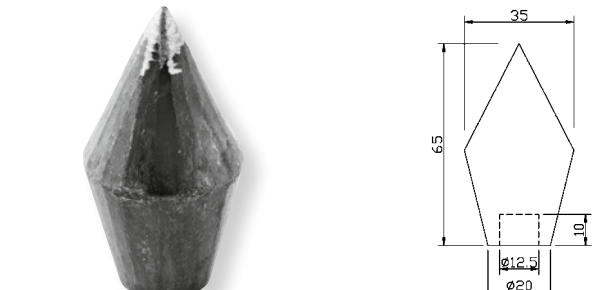
| #                         | Material    |
|---------------------------|-------------|
| Stahl/steel/acier/acciaio |             |
| 73610                     | ST37 / Q235 |

Zaunspitzen  
rail heads / pointes de barrière / lancia  
garantiert schweiß- und verzinkungsfähig  
suitable for welding and zinc coating / garanti apte à la soudure et à la galvanisation / saldabile e zincabile a caldo



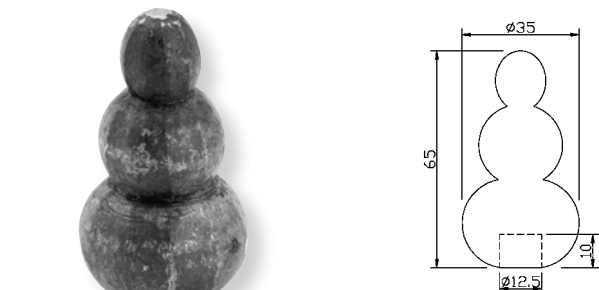
| #                         | Material    |
|---------------------------|-------------|
| Stahl/steel/acier/acciaio |             |
| 73620                     | ST37 / Q235 |

Zaunspitzen  
rail heads / pointes de barrière / lancia  
garantiert schweiß- und verzinkungsfähig  
suitable for welding and zinc coating / garanti apte à la soudure et à la galvanisation / saldabile e zincabile a caldo



| #                         | Material    |
|---------------------------|-------------|
| Stahl/steel/acier/acciaio |             |
| 73630                     | ST37 / Q235 |

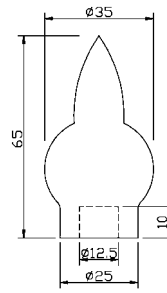
Zaunspitzen  
rail heads / pointes de barrière / lancia  
garantiert schweiß- und verzinkungsfähig  
suitable for welding and zinc coating / garanti apte à la soudure et à la galvanisation / saldabile e zincabile a caldo



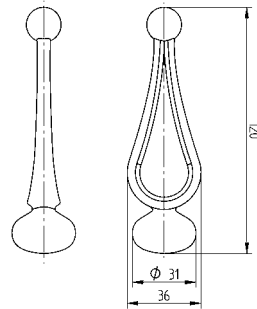
| #                         | Material    |
|---------------------------|-------------|
| Stahl/steel/acier/acciaio |             |
| 73640                     | ST37 / Q235 |

Zaunspitzen  
rail heads / pointes de barrière / lancia  
garantiert schweiß- und verzinkungsfähig  
suitable for welding and zinc coating / garanti apte à la soudure et à la galvanisation / saldabile e zincabile a caldo

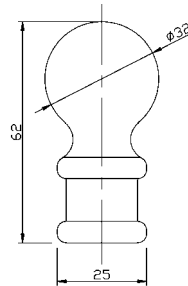
| #                                                                                                                       | Material    |
|-------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>Stahl/steel/acier/acciaio</b>                                                                                        |             |
| 73650                                                                                                                   | ST37 / Q235 |
| <b>Zaunspitzen</b>                                                                                                      |             |
| rail heads / pointes de barrière / lancia                                                                               |             |
| <b>garantiert schweiß- und verzinkungsfähig</b>                                                                         |             |
| suitable for welding and zinc coating / garanti apte à la soudure et à la galvanisation / saldabile e zincabile a caldo |             |



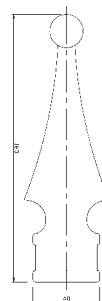
| #                                         | Material    |
|-------------------------------------------|-------------|
| <b>Stahl/steel/acier/acciaio</b>          |             |
| 73580                                     | ST37 / Q235 |
| <b>Zaunspitzen</b>                        |             |
| rail heads / pointes de barrière / lancia |             |



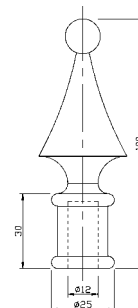
| #                                                                                           | Material    |
|---------------------------------------------------------------------------------------------|-------------|
| <b>Stahl/steel/acier/acciaio</b>                                                            |             |
| 73580                                                                                       | ST37 / Q235 |
| <b>Zaunspitzen</b>                                                                          |             |
| rail heads / pointes de barrière / lancia                                                   |             |
| <b>garantiert verzinkungsfähig</b>                                                          |             |
| suitable for zinc coating / garanti apte à la galvanisation / saldabile e zincabile a caldo |             |



| #                                                                                                                       | Material    |
|-------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>Stahl/steel/acier/acciaio</b>                                                                                        |             |
| 73685                                                                                                                   | ST37 / Q235 |
| <b>Zaunspitzen</b>                                                                                                      |             |
| rail heads / pointes de barrière / lancia                                                                               |             |
| <b>garantiert schweiß- und verzinkungsfähig</b>                                                                         |             |
| suitable for welding and zinc coating / garanti apte à la soudure et à la galvanisation / saldabile e zincabile a caldo |             |



| #                                                                                                                       | Material    |
|-------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>Stahl/steel/acier/acciaio</b>                                                                                        |             |
| 73600                                                                                                                   | ST37 / Q235 |
| <b>Zaunspitzen</b>                                                                                                      |             |
| rail heads / pointes de barrière / lancia                                                                               |             |
| <b>garantiert schweiß- und verzinkungsfähig</b>                                                                         |             |
| suitable for welding and zinc coating / garanti apte à la soudure et à la galvanisation / saldabile e zincabile a caldo |             |



| #                                                                                                                       | Material    |
|-------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>Stahl/steel/acier/acciaio</b>                                                                                        |             |
| 73590                                                                                                                   | ST37 / Q235 |
| <b>Zaunspitzen</b>                                                                                                      |             |
| rail heads / pointes de barrière / lancia                                                                               |             |
| <b>garantiert schweiß- und verzinkungsfähig</b>                                                                         |             |
| suitable for welding and zinc coating / garanti apte à la soudure et à la galvanisation / saldabile e zincabile a caldo |             |





| #                               | Material    | Abmessungen | Höhe |
|---------------------------------|-------------|-------------|------|
| Stahl / steel / acier / acciaio |             |             |      |
| 73595                           | ST37 / Q235 | 0 30        | 130  |
| 73596                           | ST37 / Q235 | 0 24        | 145  |
| 73597                           | ST37 / Q235 | 0 24        | 150  |
| 73599                           | ST37 / Q235 | 0 12        | 50   |
| 73598                           | ST37 / Q235 | Ø 12        | 50   |

**Zaunspitzen**  
rail heads / pointes de barrière / lancia

**garantiert schweiß- und verzinkungsfähig**  
suitable for welding and zinc coating / garanti apte à la soudure et à la galvanisation / saldabile e zincabile a caldo



| #                         | Material    | Abmessung | Höhe |
|---------------------------|-------------|-----------|------|
| roh / raw / brut / grezzo |             |           |      |
| 79679                     | ST37 / Q235 | 2000mm    | 46mm |

**zum Anschweißen**  
for welding / à souder / da saldare



## Torzubehör

Gate Fixings / Accessoires pour portails / Accessori Per Cancelli





| #                                              | Material      | A  | B  | C  | D   |
|------------------------------------------------|---------------|----|----|----|-----|
| geschliffen / satin finish / brossé / satinato |               |    |    |    |     |
| CN9500405                                      | V2A; AISI 304 | 94 | 40 | 60 | 173 |
| CN9500415                                      | V2A; AISI 304 | 94 | 30 | 60 | 172 |
| CN9500425                                      | V2A; AISI 304 | 60 | 30 | 40 | 172 |
| Stahl / satin finish / brossé / satinato       |               |    |    |    |     |
| 73800                                          | 1045          | 94 | 30 | 60 | 174 |
| 73820                                          | 1045          | 94 | 40 | 60 | 174 |
| 73840                                          | 1045          | 64 | 30 | 40 | 172 |

Schlosskasten mit Schloss  
Lockcase with lock / Boîtier acier complet avec serrure / Serratura con incasso



| #                                              | Material    | Höhe / Breite                      |           |
|------------------------------------------------|-------------|------------------------------------|-----------|
| geschliffen / satin finish / brossé / satinato |             |                                    |           |
| 73903                                          | ST37 / Q235 | links / left / gauche / sinistra   | 275 / 155 |
| 73904                                          | ST37 / Q235 | rechts / right / à droite / destra | 275 / 155 |

**garantiert verzinkungsfähig**  
suitable for zinc coating / garantie apte à la galvanisation / zincabile

**Auslaufartikel**  
discontinued line / article de fin de série / disponibile fino a esaurimento scorte



| #                                              | Material    | Höhe / Breite                      |           |
|------------------------------------------------|-------------|------------------------------------|-----------|
| geschliffen / satin finish / brossé / satinato |             |                                    |           |
| 73905                                          | ST37 / Q235 | links / left / gauche / sinistra   | 275 / 155 |
| 73906                                          | ST37 / Q235 | rechts / right / à droite / destra | 275 / 155 |

**garantiert verzinkungsfähig**  
suitable for zinc coating / garantie apte à la galvanisation / zincabile



| #                         | Material | Abmessung                                                      | Höhe |
|---------------------------|----------|----------------------------------------------------------------|------|
| roh / raw / brut / grezzo |          |                                                                |      |
| 79679                     | S235JRG2 | 2000mm zum Anschweißen<br>for welding / à souder<br>da saldare | 46   |

Zackenleiste  
cover for gates / Accessoires de porail / accessori per cancelli

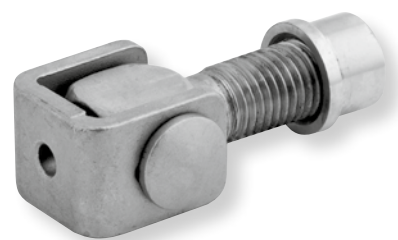
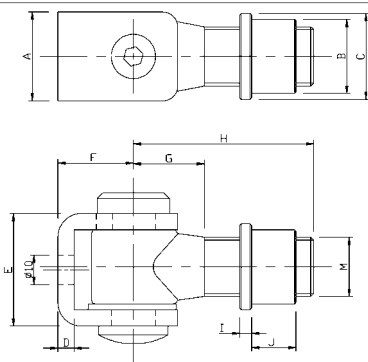


**Torband kurz**

gate hinge / charnière simple courte /  
cerniera corta

Stahl verzinkt, außer U-Lasche und  
Mutter, Sicherung durch seitliche  
Schraube mit Innensechskant

steel zinc coated, except U and nut,  
sideways screw with inner hex / acier  
galvanisé, sauf le U et l'écrou, bloca-  
ge par vis latérale à six pans creux /  
acciaio zincato, salvo linguetta a U e  
dado, sicura tramite vite laterale con  
esagono cavo



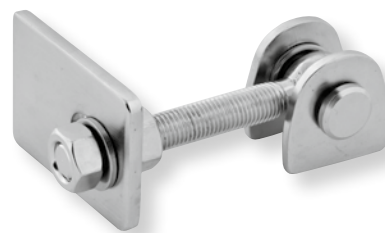
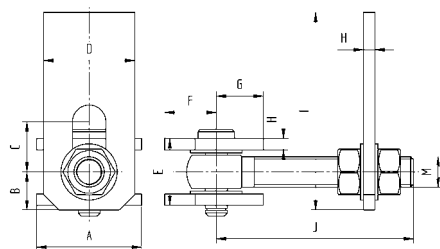
| #         | Material      | A    | B    | C    | D   | E    | F    | G    | H    | I   | J    | M    |
|-----------|---------------|------|------|------|-----|------|------|------|------|-----|------|------|
| CN9500160 | V4A; AISI 316 | 25,0 | 17,0 | 21,0 | 5,0 | 30,0 | 21,5 | 15,0 | 55,0 | 5,0 | 10,0 | 12,0 |
| CN9500180 | V4A; AISI 316 | 30,0 | 21,0 | 25,0 | 5,0 | 32,0 | 23,5 | 15,0 | 55,0 | 5,0 | 13,0 | 16,0 |
| CN9500200 | V4A; AISI 316 | 30,0 | 25,0 | 29,0 | 5,5 | 38,0 | 25,5 | 24,0 | 61,0 | 4,0 | 15,0 | 20,0 |
| CN9500210 | V4A; AISI 316 | 35,0 | 29,0 | 35,5 | 6,0 | 49,0 | 25,5 | 20,5 | 66,0 | 6,0 | 17,0 | 24,0 |
| 631120    | V2A; AISI 304 | 25,0 | 18,0 | 22,0 | 3,0 | 27,0 | 17,5 | 15,0 | 47,0 | 4,0 | 10,5 | 12,0 |
| 631140    | V2A; AISI 304 | 25,0 | 20,0 | 25,0 | 3,0 | 29,0 | 20,0 | 19,0 | 54,5 | 4,0 | 12,0 | 14,0 |
| 631160    | V2A; AISI 304 | 25,0 | 21,0 | 29,0 | 4,0 | 30,0 | 21,0 | 20,0 | 61,0 | 5,0 | 14,0 | 16,0 |
| 631200    | V2A; AISI 304 | 30,0 | 25,5 | 32,0 | 5,0 | 37,0 | 25,0 | 20,0 | 77,0 | 5,0 | 15,5 | 20,0 |
| 631240    | V2A; AISI 304 | 35,0 | 28,0 | 34,0 | 6,0 | 50,0 | 27,5 | 20,0 | 83,0 | 5,0 | 15,5 | 24,0 |

Stahl / steel / acier / acciaio

|       |       |      |      |      |     |      |      |      |      |     |      |      |
|-------|-------|------|------|------|-----|------|------|------|------|-----|------|------|
| 77680 | Stahl | 25,0 | 18,0 | 22,0 | 3,0 | 26,0 | 20,0 | 15,0 | 45,0 | 4,0 | 10,0 | 12,0 |
| 77690 | Stahl | 25,0 | 20,0 | 25,0 | 3,0 | 28,0 | 18,0 | 18,0 | 50,0 | 4,0 | 12,0 | 14,0 |
| 77700 | Stahl | 25,0 | 22,0 | 31,0 | 4,0 | 32,0 | 20,0 | 18,0 | 55,0 | 4,5 | 16,0 | 16,0 |
| 77710 | Stahl | 30,0 | 25,0 | 35,0 | 5,0 | 37,0 | 23,0 | 22,0 | 66,0 | 6,0 | 16,0 | 20,0 |
| 77720 | Stahl | 35,0 | 29,0 | 35,0 | 6,0 | 49,0 | 22,0 | 22,0 | 70,0 | 6,0 | 22,0 | 24,0 |

**Torband verstellbar mit Anschweiß-  
lasche**

Adjustable gate hinge with saftey pin /  
charnière réglable avec patte à sou-  
der / cerniera regolabile con linguetta  
a saldare



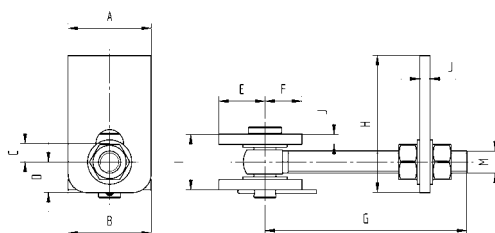
| #         | Material      | A    | B    | C    | D    | E    | F    | G    | H   | I    | J     | M    |
|-----------|---------------|------|------|------|------|------|------|------|-----|------|-------|------|
| CN9500100 | V4A; AISI 316 | 50,0 | 15,0 | 13,0 | 45,0 | 30,0 | 21,0 | 29,0 | 6,0 | 75,0 | 100,0 | 12,0 |
| CN9500120 | V4A; AISI 316 | 50,0 | 16,0 | 10,0 | 45,0 | 40,0 | 23,0 | 27,0 | 8,0 | 75,0 | 100,0 | 16,0 |

Stahl / steel / acier / acciaio

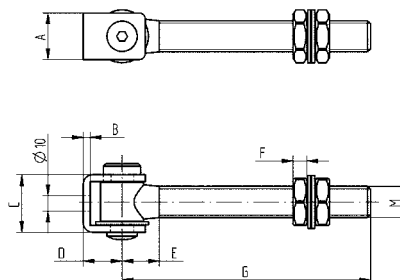
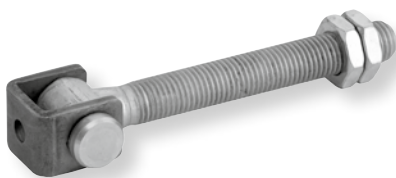
|       |       |      |      |      |      |      |      |      |     |       |       |      |
|-------|-------|------|------|------|------|------|------|------|-----|-------|-------|------|
| 77800 | Stahl | 45,0 | 16,0 | 10,0 | 45,0 | 32,0 | 24,0 | 21,0 | 6,0 | 76,0  | 105,0 | 12,0 |
| 77810 | Stahl | 50,0 | 19,0 | 14,0 | 60,0 | 35,0 | 27,0 | 24,0 | 6,0 | 85,0  | 120,0 | 16,0 |
| 77820 | Stahl | 69,0 | 25,0 | 33,0 | 60,0 | 45,0 | 34,0 | 31,0 | 7,5 | 130,0 | 130,0 | 20,0 |

**Torband verstellbar mit Anschweiß-  
lasche**

Adjustable gate hinge with saftey pin /  
charnière réglable avec patte à sou-  
der / cerniera regolabile con linguetta  
a saldare



| #                                              | Material      | A    | B    | C    | D    | E    | F    | G     | H     | I    | J   | M    |
|------------------------------------------------|---------------|------|------|------|------|------|------|-------|-------|------|-----|------|
| geschliffen / satin finish / brossé / satinato |               |      |      |      |      |      |      |       |       |      |     |      |
| 630120                                         | V2A; AISI 304 | 45,0 | 45,0 | 10,0 | 16,5 | 25,0 | 20,0 | 109,5 | 74,0  | 30,0 | 5,5 | 12,0 |
| 630160                                         | V2A; AISI 304 | 60,0 | 50,0 | 10,0 | 20,0 | 27,0 | 23,0 | 119,0 | 84,0  | 36,0 | 7,0 | 16,0 |
| 630200                                         | V2A; AISI 304 | 60,0 | 70,0 | 30,0 | 25,0 | 32,0 | 28,0 | 129,0 | 128,0 | 42,0 | 7,5 | 20,0 |

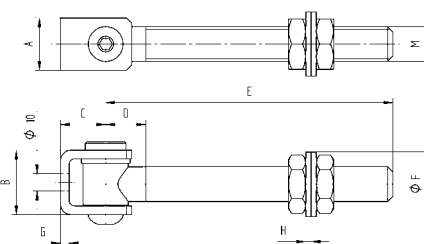
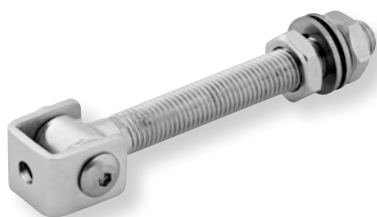
**Torband lang**

Long gate hinge / Charnière Rallongee / cerniera lunga

**Stahl verzinkt, außer U-Lasche, Sicherung durch seitliche Schraube mit Innensechskant**

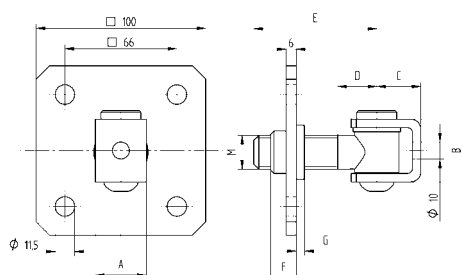
steel zinc coated, except U, sideways screw with inner hex / acier galvanisé, sauf le U, blocage par vis latérale à six pans creux / acciaio zincato, salvo linguetta a U, sicura tramite vite laterale, vite con esagono cavo

| #                               | Material | A    | B   | C    | D    | E    | F    | G   | H | M    |
|---------------------------------|----------|------|-----|------|------|------|------|-----|---|------|
| Stahl / steel / acier / acciaio |          |      |     |      |      |      |      |     |   |      |
| 77735                           | Stahl    | 25,0 | 3,0 | 25,0 | 20,0 | 20,0 | 8,0  | 100 |   | 12,0 |
| 77740                           | Stahl    | 25,0 | 3,5 | 30,0 | 20,0 | 20,0 | 8,0  | 150 |   | 16,0 |
| 77750                           | Stahl    | 30,0 | 4,5 | 37,0 | 23,0 | 24,0 | 9,0  | 160 |   | 20,0 |
| 77760                           | Stahl    | 35,0 | 6,0 | 49,0 | 25,0 | 32,0 | 10,0 | 160 |   | 24,0 |

**Torband lang**

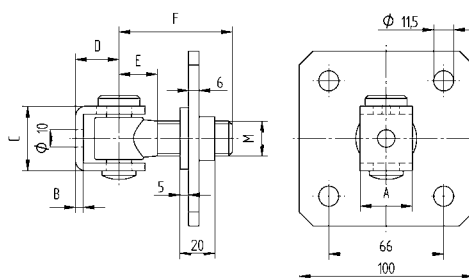
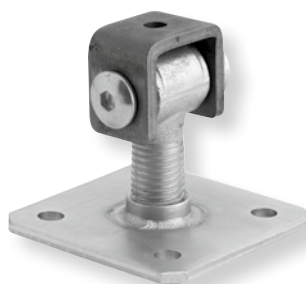
Long gate hinge / Charnière Rallongee / cerniera lunga

| #      | Material      | A  | B  | C  | D  | E   | F  | G | H | M  |
|--------|---------------|----|----|----|----|-----|----|---|---|----|
| 633200 | V2A; AISI 304 | 30 | 37 | 26 | 23 | 165 | 37 | 5 | 3 | 20 |
| 633240 | V2A; AISI 304 | 35 | 50 | 28 | 24 | 165 | 43 | 6 | 4 | 24 |

**Torband mit Mauerplatte**

gate hinge with plate / charnière avec platine murale / cerniera con piastra murale

| #                               | Material      | A    | B   | C    | D    | E    | F    | G    | H    | M    |
|---------------------------------|---------------|------|-----|------|------|------|------|------|------|------|
| Stahl / steel / acier / acciaio |               |      |     |      |      |      |      |      |      |      |
| 632200                          | V2A; AISI 304 | 30,0 | 4,5 | 37,0 | 25,0 | 22,0 | 65,0 | 20,0 | 20,0 | 20,0 |
| 632240                          | V2A; AISI 304 | 35,0 | 6,0 | 49,0 | 26,0 | 27,0 | 80,0 | 24,0 | 24,0 | 24,0 |

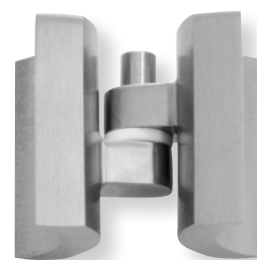
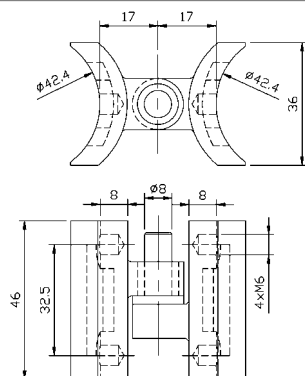
**Torband mit Mauerplatte**

gate hinge with plate / charnière avec platine murale / cerniera con piastra murale

**Stahl verzinkt, außer U-Lasche, Abmessung Platte: 100 x 100 x 6 mm, Sicherung durch seitliche Schraube mit Innensechskant**

steel zinc coated, except U plate 100x100x6 mm, sideways screw with inner hex / acier galvanisé, sauf le U, dimensions plaque: 100 x 100 x 6 mm, blocage par vis latérale à six pans creux / acciaio zincato, salvo linguetta a U, Dimensione piastra: 100x100x6 mm, sicura tramite vite laterale con esagono cavo

| #                               | Material | A    | B   | C    | D    | E    | F    | G    | H    | M    |
|---------------------------------|----------|------|-----|------|------|------|------|------|------|------|
| Stahl / steel / acier / acciaio |          |      |     |      |      |      |      |      |      |      |
| 77630                           | Stahl    | 30,0 | 4,5 | 37,0 | 25,0 | 22,0 | 65,0 | 20,0 | 20,0 | 20,0 |
| 77640                           | Stahl    | 35,0 | 6,0 | 49,0 | 26,0 | 27,0 | 80,0 | 24,0 | 24,0 | 24,0 |



| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN9500300                                      | V4A; AISI 316 |



### Drehorantrieb

Traction system for gate / Motoréducteur pour portail pivotant / Automazione per cancelli a battente

| Technische Daten / Technical Data / Caractéristiques techniques / Dati tecnici                 | DTA 2000            | HS 1100                                                                                  |
|------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------|
| Stromspeisung / Current feed / Alimentation électrique / Alimentazione elettrica               | 220 V               | 2 Kanal-Mini / 2 mini channels<br>2 mini-canaux / 2 mini canaux                          |
| Frequenz / Frequency / Fréquence / Frequenza                                                   | 50/60 Hz            | Handsender / Hand-held transmitter / Emetteur manuel / Dispositivo di comando a distanza |
| Stromaufnahme leer / Power input flat / Consommation moteur / Assorbimento di corrente a vuoto | 1 A                 | (433 MHz)                                                                                |
| Leistung / Power / Puissance absorbée / Potenza                                                | 340 W               |                                                                                          |
| Thermoschutz / Thermo protection / Protection thermique / Attivazione protezione termica       | 140° C              |                                                                                          |
| Arbeitshub / Total travel / Course de travail / Corsa totale                                   | 320                 |                                                                                          |
| Drehzahl / Speed level / Vit. rotation / Numero di giri                                        | 1400 rpm / tr / min |                                                                                          |
| Max. Flügelbreite / Max. width of one wing / Largeur vantail max. / Larghezza dell'ala max     | 3000                |                                                                                          |
| Schub / Impulse / Poussée / Spinta                                                             | 240 Kp              |                                                                                          |
| Gewicht / Weight / Poids / Peso                                                                | 7 kg                |                                                                                          |

### Lieferumfang:

- 2 Drehorantriebe mit kompl. Befestigungskit
- Motorsteuerung im Kunststoffgehäuse u. Regenhaube
- Schlüsselschalter
- Lichtschranke
- Funkset mit 1 Stck. 2-Kanal-Handsender
- Stabantenne
- Blinkleuchte
- Montageanleitung
- Hinweisschild automatisches Tor

### Fourniture:

- 2 motoréducteurs pour portail pivotant vec kit de fixation complet
- Commande de moteur dans coffret synthétique et visière anti-pluie
- Interrupteur à clé
- Photocellule
- Kit radio avec 1 émetteur manuel à 2 canaux
- Antenne à tige
- Feu clignotant
- Instructions de montage
- Plaque signalétique Portail automatique

### Scope of delivery:

- Traction systems for gate incl. mounting set
- Engine control in plastic housing and plastic case
- Keylock
- Light barrier
- Radio set with one hand held transmitter
- Bar antenna
- Flashing light
- Installation instruction
- Label automatic gate

### Dotazione:

- 2 motori per cancelli a battente, completo del kit di fissaggio
- controllo motore nel corpo di plastica e calotta antipioggia
- interruttore a chiave
- fotocellula
- set radio con 1 pz. Dispositivo di comando a distanza a 2 canali
- antenna ad asta
- lampeggiatore
- istruzioni per il montaggio
- cartello d'istruzione porta automatica



**Schiebetorantrieb / Traction system for gate / Motoréducteur pour portail coulissant / Automazione per cancelli scorrevoli**

| Technische Daten / Technical Data / Caractéristiques techniques / Dati tecnici                                            | STA 1000            | HS 1100                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------|
| Stromspeisung / Current feed / Alimentation électrique / Alimentazione elettrica                                          | 220 V               | 2 Kanal-Mini / 2 mini channels<br>2 mini-canaux / 2 canali mini                          |
| Frequenz / Frequency / Fréquence / Frequenza                                                                              | 50/60 Hz            | Handsender / Hand-held transmitter / Émetteur manuel / Dispositivo di comando a distanza |
| Stromaufnahme leer / Power input flat / Consommation moteur / Assorbimento di corrente a vuoto                            | 1,4 A               | (433 MHz)                                                                                |
| Leistung / Power / Puissance absorbée / Potenza                                                                           | 265 W               |                                                                                          |
| Eingreifen Thermoschutz / Engagement thermo protection / Activation protection thermique / Attivazione protezione termica | 138° C              |                                                                                          |
| Drehzahl / Speed level / Vit. rotation / Numero di giri                                                                   | 1400 rpm / tr / min |                                                                                          |
| Max. Flügelgewicht / Weight of one wing / Poids vantail max. / Peso dell'ala max.                                         | 800 kg              |                                                                                          |
| Gewicht / Weight / Poids / Peso                                                                                           | 11,5 kg             |                                                                                          |

#### Lieferumfang:

- Schiebetorantrieb mit kompl. Befestigungskit
- Motorsteuerung
- Schlüsselschalter
- Lichtschanke
- Funkset mit 1 Stck. 2-Kanal-Handsender
- Stabantenne
- Blinkleuchte
- Montageanleitung
- Hinweisschild automatisches Tor

#### Scope of delivery:

- Traction system for gate incl. mounting set
- Engine control
- Key lock
- Light barrier
- Radio set with one hand held transmitter
- Bar antenna
- Flashing light
- Installation instruction
- Label automatic gate

#### Fourniture:

- Motoréducteur pour portail coulissant avec kit de fixation complet
- Commande moteur
- Interrupteur à clé
- Photocellule
- Kit radio avec 1 émetteur manuel à 2 canaux
- Antenne à tige
- Feu clignotant
- Instructions de montage
- Plaque signalétique Portail automatique

#### Dotazione:

- motore per cancello scorrevole, completo del kit di fissaggio
- controllo motore
- interruttore a chiave
- fotocellula
- set radio con 1 pz. dispositivo di comando a distanza a 2 canali
- antenna ad asta
- lampeggiatore
- istruzioni per il montaggio
- cartello d'istruzione porta automatica

| #                                                   | Material   | Länge |
|-----------------------------------------------------|------------|-------|
| Kunststoff / plastic / matière plastique / plastico |            |       |
| 400 CN                                              | Kunststoff | 1m    |

#### Zahnleiste zu STA 1000

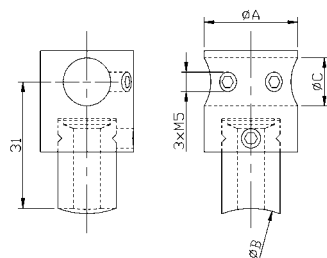
Accessory for STA 1000 / Accessoires de STA 1000 / Accessori STA 100



## Traversenhalter

Cross bar holders / Supports de lisses / Supporti per tondini





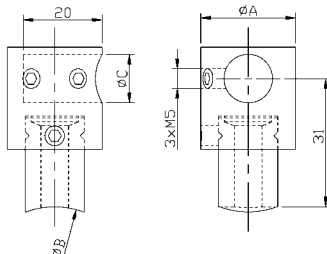
| #                                                               | Material      | Abmessungen | Ø A  | Ø B  | Ø C  |
|-----------------------------------------------------------------|---------------|-------------|------|------|------|
| geschliffen / satin finish / brossé / satinato - Kopfteil flach |               |             |      |      |      |
| CN8400100                                                       | V4A; AISI 316 | Ø 33,7      | 19,5 | 33,7 | 10,2 |
| CN8400110                                                       | V4A; AISI 316 | Ø 42,4      | 24,0 | 42,4 | 12,2 |

**Traversenhalter**

cross bar holder / support de lisse transversal / supporto per tondino

**zweiteilig mit Durchgangsbohrung, komplett mit Madenschrauben**

2-parts, with through hole, complete with grub screws / en deux parties, trou débouchant, avec vis sans tête / a due componenti, con foro passante e grani filettati, testa piana



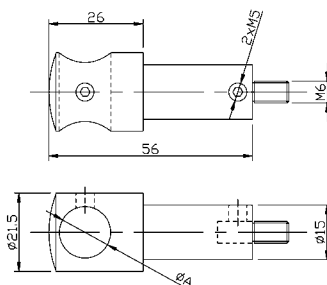
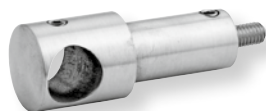
| #                                                               | Material      | Abmessungen | Ø A  | Ø B         | Ø C  |
|-----------------------------------------------------------------|---------------|-------------|------|-------------|------|
| geschliffen / satin finish / brossé / satinato - Kopfteil flach |               |             |      |             |      |
| CN8400500                                                       | V4A; AISI 316 | Ø 42,4      | 24,0 | 42,4 links  | 12,2 |
| CN8400510                                                       | V4A; AISI 316 | Ø 42,4      | 24,0 | 42,4 rechts | 12,2 |

**Traversenhalter**

cross bar holder / support de lisse transversal / supporto per tondino

**zweiteilig, mit Sacklochbohrung, komplett mit Madenschrauben**

2-parts, with blind hole, complete with grub screws / en deux parties, trou borgne, avec vis sans tête / a due componenti, con foro cieco e grani filettati, testa piana



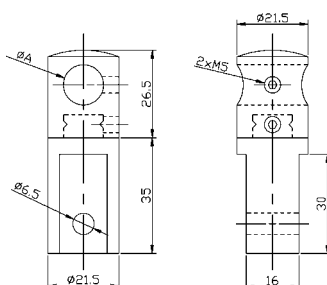
| #                                                                        | Material      | Ø A  |
|--------------------------------------------------------------------------|---------------|------|
| geschliffen / satin finish / brossé / satinato - Kopfteil leicht gewölbt |               |      |
| CN8400700                                                                | V4A; AISI 316 | 12,2 |
| CN8400710                                                                | V4A; AISI 316 | 14,2 |

**Traversenhalter**

cross bar holder / support de lisse transversal / supporto per tondino

**einteilig, komplett mit Gewindestift**

one part / monobloc, trou débouchant, avec goupille filetée / a due componenti, con foro passante e grani filettati, testa leggermente bombata



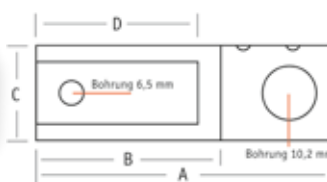
| #                                                                        | Material      | Ø A    |
|--------------------------------------------------------------------------|---------------|--------|
| geschliffen / satin finish / brossé / satinato - Kopfteil leicht gewölbt |               |        |
| CN8700200                                                                | V4A; AISI 316 | Ø 12,2 |
| CN8700210                                                                | V4A; AISI 316 | Ø 14,2 |

**Traversenhalter**

cross bar holder / support de lisse transversal / supporto per tondino

**für Montage zwischen Flachprofil bzw. Vierkant-/ Rechteckrohren**

satin finish / pour montage entre profilés plats ou rectangulaires, avec trou débouchant / a due componenti, con foro passante e grani filettati, testa leggermente bombata



| #         | Material  | A  | B  | C  | D  |
|-----------|-----------|----|----|----|----|
| Ti-6Al-4V |           |    |    |    |    |
| CN8900400 | Ti-6Al-4V | 60 | 35 | 21 | 30 |

**Titan-Traversenhalter**

titanium cross bar holder / support de lisse, titane / supporto per tondino in titanio

**Anschlussstück für Montage zwischen Flachstäben, zweiteilig, Durchgangsbohrung 10,2 mm**

connecting part for flat bars, 2-parts, through hole 10,2 mm / en deux parties, trou débouchant 10,2mm, raccordement entre barres plates / a due componenti, per montaggio tra profili piatti, foro dia. 10,2 mm



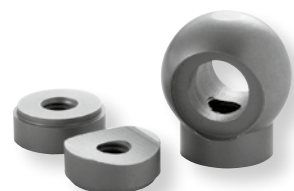
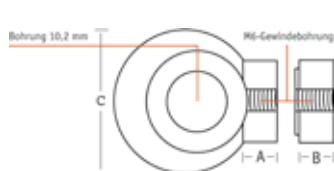
| #                | Material  | Anschluss                             | A | B | C    |
|------------------|-----------|---------------------------------------|---|---|------|
| <b>Ti-6Al-4V</b> |           |                                       |   |   |      |
| CN8900500        | Ti-6Al-4V | RR/round tube rond /<br>tondo 42,4 mm | 6 | 6 | 21,5 |
| CN8900510        | Ti-6Al-4V | Vierkant / square carré<br>/ quadrato | 6 | 6 | 21,5 |

#### Titan-Traversenhalter

titanium cross bar holder / support de lisse, titane / supporto per tondino in titanio

**Anschlussstück für Montage an Rundrohr 42,4 mm sowie an Vierkantrohr, zweiteilig, Durchgangsbohrung 10,2 mm**

connecting part for flat bars and round tubes, 2-parts, through hole 10,2 mm / en deux parties, trou débouchant 10,2mm, pour montage sur tube Ø42,4mm ou plat / trou débouchant 10,2 mm / a due componenti, con foro dia. 10,2 mm



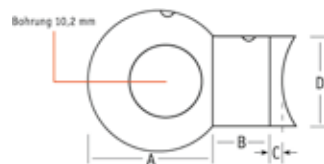
| #                                 | Material  | A    | B | C | D  |
|-----------------------------------|-----------|------|---|---|----|
| <b>Ti-6Al-4V - Kopfteil flach</b> |           |      |   |   |    |
| CN8900700                         | Ti-6Al-4V | 21,5 | 9 | 4 | 18 |

#### Titan-Anschlussstück

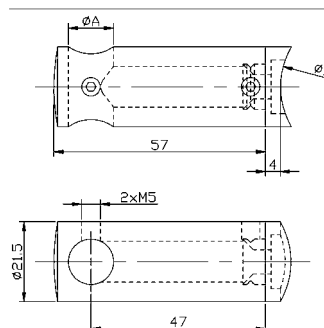
titanium connecting part / support de lisse, titane / supporto per tondino in titanio

**für Montage an Rundrohr 42,4 mm Außendurchmesser, zweiteilig, Durchgangsbohrung 10,2 mm**

suitable for tube 42,4mm, 2-parts, through hole 10,2 mm / pour montage sur tube rond de 42,4 mm de diamètre extérieur, en deux parties, trou débouchant 10,2 mm / a due componenti, con foro passante dia. 10,2 mm per montaggio su tubo dia. 42,4 mm, testa piana



| #                                                                               | Material      | Ø A    | Ø B                           |
|---------------------------------------------------------------------------------|---------------|--------|-------------------------------|
| <b>geschliffen / satin finish / brossé / satinato - Kopfteil leicht gewölbt</b> |               |        |                               |
| CN8400600                                                                       | V2A; AISI 304 | Ø 12,2 | gerade / flat / plat / dritto |
| CN8400610                                                                       | V2A; AISI 304 | Ø 14,2 | gerade / flat / plat / dritto |
| CN8400620                                                                       | V2A; AISI 304 | Ø 16,2 | gerade / flat / plat / dritto |
| CN8400660                                                                       | V2A; AISI 316 | Ø 16,2 | Ø 48,3                        |
| CN8400630                                                                       | V4A; AISI 316 | Ø 12,2 | Ø 42,4                        |
| CN8400640                                                                       | V4A; AISI 316 | Ø 14,2 | Ø 42,4                        |



#### Traversenhalter

cross bar holder / support de lisse transversal / supporto per tondino

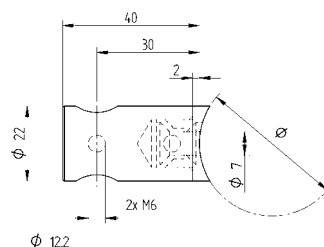
**zweiteilig, komplett mit Madenschrauben**

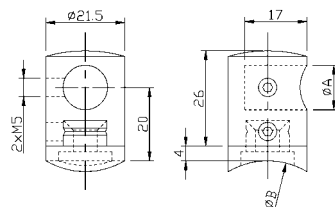
2-parts, complete with grub screws / en deux parties, trou débouchant, avec vis sans tête / a due componenti, con foro passante e grani filettati, testa leggermente bombata

| #                                                                      | Material      | A      | Ø    |
|------------------------------------------------------------------------|---------------|--------|------|
| <b>geschliffen / satin finish / brossé / satinato - Kopfteil flach</b> |               |        |      |
| 550102                                                                 | V2A; AISI 304 | gerade | 12,2 |
| 550424                                                                 | V2A; AISI 304 | Ø 42,4 | 12,2 |

#### Traversenhalter

cross bar holder / support de lisse transversal / supporto per tondino





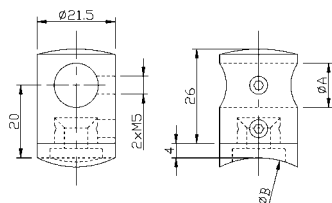
| #                                                                        | Material      | Ø A  | Ø B links                     | Ø B rechts                    |
|--------------------------------------------------------------------------|---------------|------|-------------------------------|-------------------------------|
| geschliffen / satin finish / brossé / satinato - Kopfteil leicht gewölbt |               |      |                               |                               |
| CN8600500                                                                | V4A; AISI 316 | 10,2 | 42,4                          |                               |
| CN8600510                                                                | V4A; AISI 316 | 10,2 |                               | 42,4                          |
| CN8600520                                                                | V4A; AISI 316 | 12,2 | 42,4                          |                               |
| CN8600530                                                                | V4A; AISI 316 | 12,2 |                               | 42,4                          |
| CN8600540                                                                | V4A; AISI 316 | 12,2 | gerade / flat / plat / dritto |                               |
| CN8600550                                                                | V4A; AISI 316 | 12,2 |                               | gerade / flat / plat / dritto |

**Traversenhalter**

cross bar holder / support de lisse transversal / supporto per tondino

**zweiteilig, mit Sacklochbohrung, komplett mit Madenschrauben**

2-parts, with blind hole, complete with grub screws / en deux parties, complet avec vis sans tête, avec trou borgne / a due componenti, con foro cieco e grani filettati, testa leggermente bombata



| #                                                                        | Material      | Ø A  | Ø B                           |
|--------------------------------------------------------------------------|---------------|------|-------------------------------|
| geschliffen / satin finish / brossé / satinato - Kopfteil leicht gewölbt |               |      |                               |
| CN8600100                                                                | V4A; AISI 316 | 10,2 | gerade / flat / plat / dritto |
| CN8600110                                                                | V4A; AISI 316 | 10,2 | 33,7                          |
| CN8600120                                                                | V4A; AISI 316 | 10,2 | 42,4                          |
| CN8600130                                                                | V4A; AISI 316 | 12,2 | gerade / flat / plat / dritto |
| CN8600140                                                                | V4A; AISI 316 | 12,2 | 33,7                          |
| CN8600150                                                                | V4A; AISI 316 | 12,2 | 42,4                          |
| CN8600160                                                                | V4A; AISI 316 | 12,2 | 48,3                          |
| CN8600170                                                                | V4A; AISI 316 | 14,2 | gerade / flat / plat / dritto |
| CN8600180                                                                | V4A; AISI 316 | 14,2 | 42,4                          |
| CN8600190                                                                | V4A; AISI 316 | 14,2 | 48,3                          |
| CN8500100                                                                | V2A; AISI 304 | 10,2 | gerade / flat / plat / dritto |
| CN8500110                                                                | V2A; AISI 304 | 10,2 | 33,7                          |
| CN8500120                                                                | V2A; AISI 304 | 10,2 | 42,4                          |
| CN8500130                                                                | V2A; AISI 304 | 12,2 | gerade / flat / plat / dritto |
| CN8500140                                                                | V2A; AISI 304 | 12,2 | 33,7                          |
| CN8500150                                                                | V2A; AISI 304 | 12,2 | 42,4                          |
| hochglanzpoliert / mirror polished / poli miroir / lucidato a spec-      |               |      |                               |
| CN8600155                                                                | V4A; AISI 316 | 12,2 | 42,4                          |
| CN8551100                                                                | V2A; AISI 304 | 10,2 | gerade / flat / plat / dritto |
| CN8551110                                                                | V2A; AISI 304 | 10,2 | 33,7                          |
| CN8551120                                                                | V2A; AISI 304 | 10,2 | 42,4                          |
| CN8551130                                                                | V2A; AISI 304 | 12,2 | gerade / flat / plat / dritto |
| CN8551140                                                                | V2A; AISI 304 | 12,2 | 33,7                          |
| CN8551150                                                                | V2A; AISI 304 | 12,2 | 42,4                          |

**Traversenhalter**

cross bar holder / support de lisse / supporto per tondino

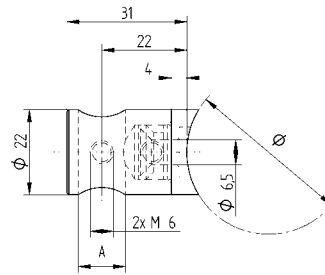
**zweiteilig, komplett mit Madenschrauben**

2-parts, complete with grub screws / en deux parties, complet avec vis sans tête, avec trou débouchant / a due componenti, con foro passante e grani filettati, testa leggermente bombata

| #                                                               | Material      | A    | Ø                             |
|-----------------------------------------------------------------|---------------|------|-------------------------------|
| geschliffen / satin finish / brossé / satinato - Kopfteil flach |               |      |                               |
| 337102                                                          | V2A; AISI 304 | 10,2 | 33,7                          |
| 337122                                                          | V2A; AISI 304 | 12,2 | 33,7                          |
| 424102                                                          | V2A; AISI 304 | 10,2 | 42,4                          |
| 424122                                                          | V2A; AISI 304 | 12,2 | 42,4                          |
| 424162                                                          | V2A; AISI 304 | 16,2 | 42,4                          |
| 483122                                                          | V2A; AISI 304 | 12,2 | 48,3                          |
| 483142                                                          | V2A; AISI 304 | 14,2 | 48,3                          |
| 500102                                                          | V2A; AISI 304 | 10,2 | gerade / flat / plat / dritto |
| 500122                                                          | V2A; AISI 304 | 12,2 | gerade / flat / plat / dritto |
| 500162                                                          | V2A; AISI 304 | 16,2 | gerade / flat / plat / dritto |

# Traversenhalter

cross bar holder / support de lisse transversal / supporto per tondino

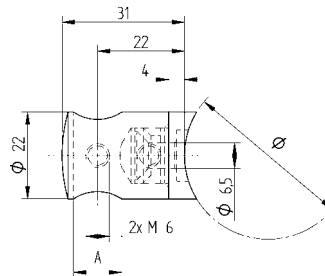


NEW

| #                                                                        | Material      | A                             | Ø      |
|--------------------------------------------------------------------------|---------------|-------------------------------|--------|
| geschliffen / satin finish / brossé / satinato - Kopfteil leicht gewölbt |               |                               |        |
| 560010                                                                   | V2A; AISI 304 | 33,7                          | Ø 10,2 |
| 560020                                                                   | V2A; AISI 304 | 33,7                          | Ø 12,2 |
| 560030                                                                   | V2A; AISI 304 | 42,4                          | Ø 10,2 |
| 560040                                                                   | V2A; AISI 304 | 42,4                          | Ø 12,2 |
| 560050                                                                   | V2A; AISI 304 | 48,3                          | Ø 12,2 |
| 560060                                                                   | V2A; AISI 304 | gerade / flat / plat / dritto | Ø 10,2 |
| 560070                                                                   | V2A; AISI 304 | gerade / flat / plat / dritto | Ø 12,2 |

# Traversenhalter

cross bar holder / support de lisse / supporto per tondino



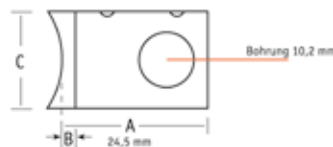
| #                          | Material  | A    | B | C    |
|----------------------------|-----------|------|---|------|
| Ti-6Al-4V - Kopfteil flach |           |      |   |      |
| CN8900600                  | Ti-6Al-4V | 24,5 | 4 | 21,5 |

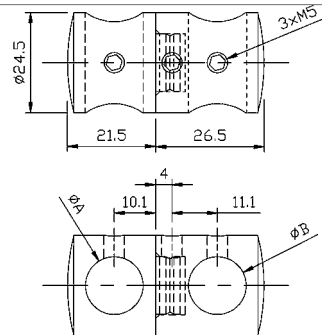
# Titan-Traversenhalter

titanium cross bar holder / support de lisse, titane / supporto per tondino in titanio

für Montage an Rundrohr 42,4 mm Außendurchmesser, zweiteilig, Durchgangsbohrung 10,2 mm

suitable for tube 42,4mm, 2-parts, through hole 10,2 mm / en deux parties, tou débouchant de 10,2mm, pour montage sur tube Ø42,4mm / a due componenti, con foro passante dia. 10,2 mm per montaggio su tubo dia. 42,4 mm, testa piana





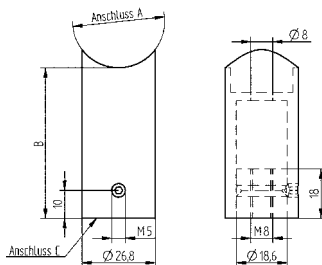
| #                                                                        | Material      | Ø A  | Ø B  |
|--------------------------------------------------------------------------|---------------|------|------|
| geschliffen / satin finish / brossé / satinato - Kopfteil leicht gewölbt |               |      |      |
| 441212                                                                   | V2A; AISI 304 | 12,2 | 12,2 |
| 441210                                                                   | V2A; AISI 304 | 12,2 | 10,2 |
| 441412                                                                   | V2A; AISI 304 | 14,2 | 12,2 |
| 441612                                                                   | V2A; AISI 304 | 16,2 | 12,2 |
| geschliffen / satin finish / brossé / satinato                           |               |      |      |
| CN8400800                                                                | V4A; AISI 316 | 12,2 | 10,2 |
| CN8400810                                                                | V4A; AISI 316 | 12,2 | 12,2 |
| CN8400820                                                                | V4A; AISI 316 | 14,2 | 12,2 |
| CN8400830                                                                | V4A; AISI 316 | 16,2 | 12,2 |
| CN8400840                                                                | V4A; AISI 316 | 14,2 | 14,2 |
| CN8400850                                                                | V4A; AISI 316 | 16,2 | 14,2 |
| CN8400860                                                                | V4A; AISI 316 | 16,2 | 16,2 |

**Stabclip**

cross bar holder / raccord double pour lisses / supporto per tondini verticali

**zweiteilig, komplett mit Madenschrauben**

2-parts, complete with grub screws / en deux parties, avec vis sans tête / a due componenti, grani filettati, testa leggermente bombata



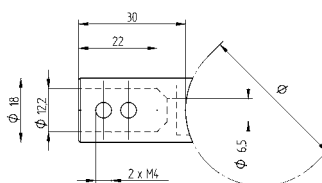
| #                                                               | Material      | A                             | B    | C                             |
|-----------------------------------------------------------------|---------------|-------------------------------|------|-------------------------------|
| geschliffen / satin finish / brossé / satinato - Kopfteil flach |               |                               |      |                               |
| CN8700600                                                       | V4A; AISI 316 | gerade / flat / plat / dritto | 44,0 | gerade / flat / plat / dritto |
| CN8700610                                                       | V4A; AISI 316 | 33,7                          | 44,0 | gerade / flat / plat / dritto |
| CN8700620                                                       | V4A; AISI 316 | 42,4                          | 44,0 | gerade / flat / plat / dritto |
| CN8700630                                                       | V4A; AISI 316 | 33,7                          | 55,0 | gerade / flat / plat / dritto |
| CN8700640                                                       | V4A; AISI 316 | 42,4                          | 55,0 | gerade / flat / plat / dritto |
| CN8700650                                                       | V4A; AISI 316 | 33,7                          | 50,0 | 42,4                          |

**Abstandhalter**

distance holder / entretoise cylindrique / distanziatore

**zweiteilig, ideal für Stoßgriffe etc.**

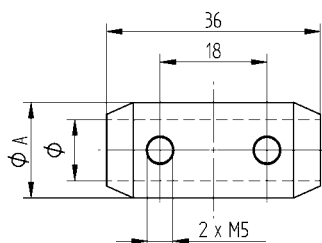
2-parts, complete with grub screws / en deux parties, complet avec vis sans tête / a due componenti, ideale per maniglie



| #                                              | Material      | Ø      | Bohrung                   |
|------------------------------------------------|---------------|--------|---------------------------|
| geschliffen / satin finish / brossé / satinato |               |        |                           |
| 530000                                         | V2A; AISI 304 | gerade | 12,2 inkl. Schraube M6x20 |
| 530269                                         | V2A; AISI 304 | Ø 26,9 | 12,2 incl. screw M6x20    |
| 530337                                         | V2A; AISI 304 | Ø 33,7 | 12,2 vis M6x20 comprises  |
| 530424                                         | V2A; AISI 304 | Ø 42,4 | 12,2 vite M6x20 compresa  |

**Traversenhalter mit kopfbohrung**

cross bar holder / with drilling / support de lisse / supporto per tondino



| #                                              | Material      | Bohrung |
|------------------------------------------------|---------------|---------|
| geschliffen / satin finish / brossé / satinato |               |         |
| 570102                                         | V2A; AISI 304 | 10,2    |
| 570122                                         | V2A; AISI 304 | 12,2    |
| geschliffen / satin finish / brossé / satinato |               |         |
| 575102                                         | V4A; AISI 316 | 10,2    |
| 575122                                         | V4A; AISI 316 | 12,2    |

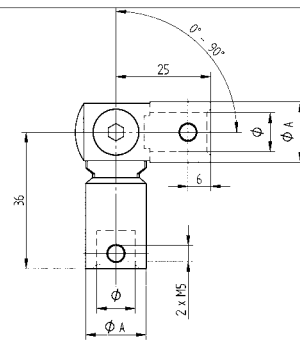
**Verbinder mit beidseitiger Bohrung**

connector / connecteur / giunzione

| #                                              | Material      | Ø    | Ø A |
|------------------------------------------------|---------------|------|-----|
| geschliffen / satin finish / brossé / satinato |               |      |     |
| 580102                                         | V2A; AISI 304 | 10,2 | 16  |
| 580122                                         | V2A; AISI 304 | 12,2 | 18  |
| 585102                                         | V4A; AISI 316 | 10,2 | 16  |
| 585122                                         | V4A; AISI 316 | 12,2 | 18  |

**Gelenkverbinder mit beidseitiger Bohrung**

adjustable connector / raccord droit articulé / giunzione snodata

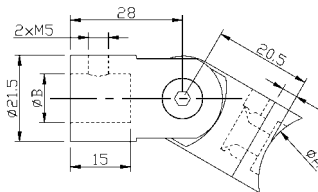


NEW

| #                                              | Material      | Ø A                           | Ø B  |
|------------------------------------------------|---------------|-------------------------------|------|
| geschliffen / satin finish / brossé / satinato |               |                               |      |
| CN8700100                                      | V4A; AISI 316 | gerade / flat / plat / dritto | 12,2 |
| CN8700110                                      | V4A; AISI 316 | 33,7                          | 12,2 |
| CN8700120                                      | V4A; AISI 316 | 42,4                          | 12,2 |
| CN8700130                                      | V4A; AISI 316 | 48,3                          | 12,2 |
| CN8700140                                      | V4A; AISI 316 | gerade / flat / plat / dritto | 16,2 |
| CN8700150                                      | V4A; AISI 316 | 33,7                          | 16,2 |
| CN8700160                                      | V4A; AISI 316 | 42,4                          | 16,2 |
| CN8700170                                      | V4A; AISI 316 | 48,3                          | 16,2 |

**Gelenkverbinder dreiteilig, zur Montage zwischen Rohrstützen, 0 - 65°**

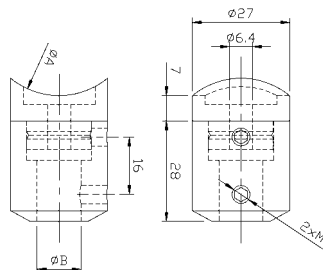
3-parts, 0 - 65° / en trois parties, articulé, pour montage entre supports de tubes, 0 - 65° / a tre componenti per montaggio tra montanti, 0 - 65°



| #                                              | Material      | Ø A                           | Ø B  |
|------------------------------------------------|---------------|-------------------------------|------|
| geschliffen / satin finish / brossé / satinato |               |                               |      |
| CN8700300                                      | V4A; AISI 316 | gerade / flat / plat / dritto | 12,2 |
| CN8700310                                      | V4A; AISI 316 | gerade / flat / plat / dritto | 14,2 |
| CN8700320                                      | V4A; AISI 316 | gerade / flat / plat / dritto | 16,2 |
| CN8700330                                      | V4A; AISI 316 | 42,4                          | 12,2 |

**zweiteilig, für senk- und waagerechten Einbau, Unterteil mit durchgehender gesenkter Bohrung**

2-parts / en deux parties, pour montage vertical ou horizontal, partie inférieure avec trou débouchant contre-alésé / per montaggio verticale e orizzontale, a due componenti



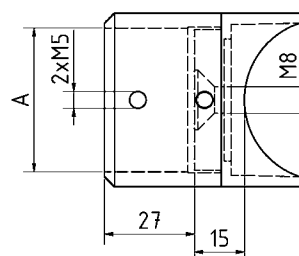
| #                                              | Material      | Rohranschluss                 | A    |
|------------------------------------------------|---------------|-------------------------------|------|
| geschliffen / satin finish / brossé / satinato |               |                               |      |
| CN8700400                                      | V4A; AISI 316 | gerade / flat / plat / dritto | 26,9 |
| CN8700410                                      | V4A; AISI 316 | gerade / flat / plat / dritto | 33,7 |
| CN8700420                                      | V4A; AISI 316 | gerade / flat / plat / dritto | 42,4 |
| CN8700430                                      | V4A; AISI 316 | 33,7                          | 26,9 |
| CN8700440                                      | V4A; AISI 316 | 42,4                          | 26,9 |
| CN8700450                                      | V4A; AISI 316 | 42,4                          | 33,7 |
| CN8700460                                      | V4A; AISI 316 | 48,3                          | 26,9 |
| CN8700470                                      | V4A; AISI 316 | 48,3                          | 33,7 |
| CN8700480                                      | V4A; AISI 316 | 48,3                          | 42,4 |
| CN8700490                                      | V4A; AISI 316 | 60,3                          | 42,4 |
| CN8700495                                      | V4A; AISI 316 | 76,1                          | 42,4 |

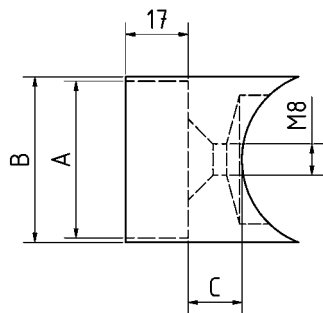
**Adapter für Rundrohr**

cross bar holder / raccord pour tube / supporto per tubo

**zweiteilig, mit Madenschrauben für senkrechte oder waagerechte Montage, auch zum nachträglichen Einbau geeignet!**

2-parts, with grub screws / en deux parties, avec vis sans tête pour montage vertical ou horizontal, également adéquat pour montage ultérieur / a due componenti, per montaggio orizzontale o verticale



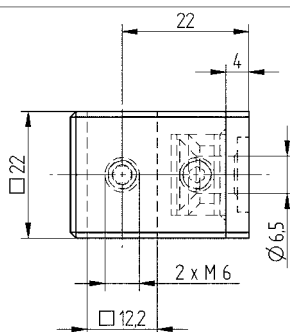


## Adapter für Rundrohr

cross bar holder / raccord pour tube / supporto per tubo

**einteilig, Rohre zum Einkleben für senkrechte oder waagerechte Montage**

1-part, bonding version / monobloc, à coller, montage vertical ou horizontal / 1 pezzo, per tubi da incollare, per montaggio orizzontale o verticale

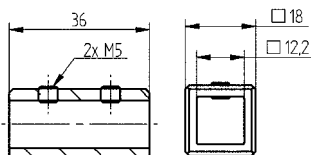


## Traversenhalter

cross bar holder / support pour lisse / supporto per barre quadre

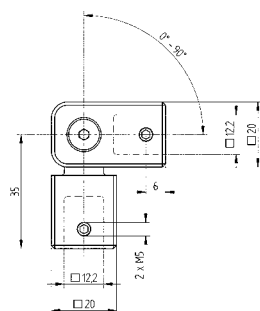
für Vierkantmaterial 12 x 12 mm

for square tube 12 x 12 mm / pour lisse carrée 12 x 12 mm / per barre quadre 12 x 12 mm



### Verbinder mit beidseitiger Bohrung

connector / connecteur / giunzione

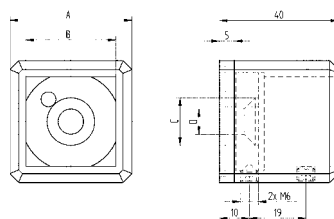


## Gelenkverbinder

adjustable connector / raccord universel / giunzione snodata

mit Gelenk, für Vierkantmaterial 12 x 12 mm

with joint, for square tube 12 x 12 mm / avec articulation, pour lisse carrée 12 x 12mm / per barre quadre 12 x12 mm



### Adapter für Vierkantrohr

adaptor for square tubes / adaptateur pour tube carré / ancoraggio a parete

2-teilig

2-parts / en deux parties / due componenti

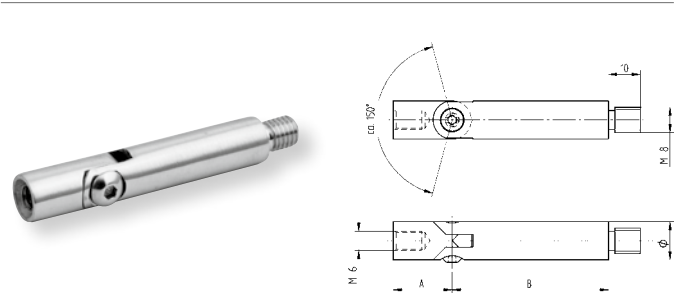




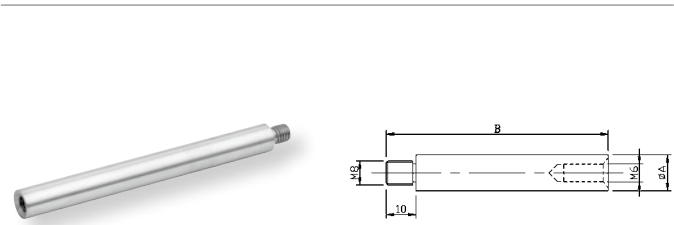
## Verbindungsstifte, Trägerplatten

Support Pins / Tiges et platines support, raccords / Giunzioni, Piastre Sella

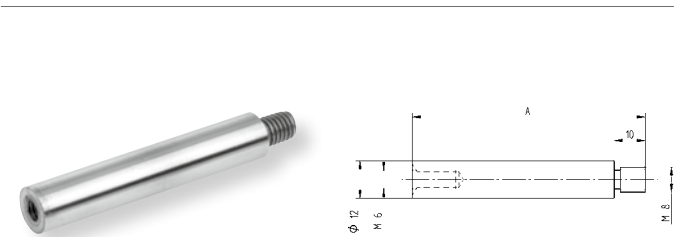




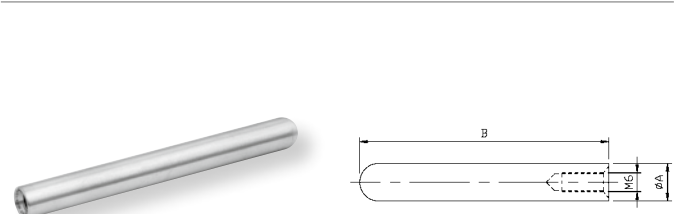
| #                                              | Material      | A    | B    | Ø  |
|------------------------------------------------|---------------|------|------|----|
| geschliffen / satin finish / brossé / satinato |               |      |      |    |
| 200300                                         | V2A; AISI 304 | 48,5 | 61,0 | 12 |
| 200310                                         | V2A; AISI 304 | 18,5 | 49,0 | 12 |
| 200350                                         | V2A; AISI 304 | 48,5 | 61,0 | 14 |
| 200360                                         | V2A; AISI 304 | 18,5 | 49,0 | 14 |
| CN8360760                                      | V4A; AISI 316 | 16,5 | 48,5 | 12 |
| CN8360750                                      | V4A; AISI 316 | 16,5 | 48,5 | 14 |



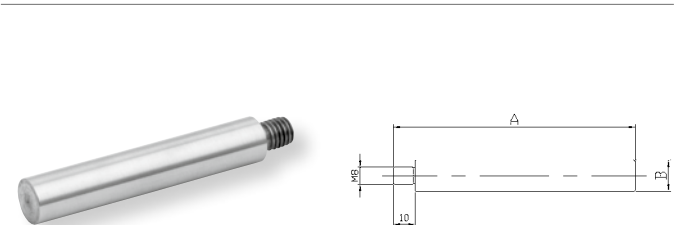
| #                                              | Material      | Abmessungen | A      | B     |
|------------------------------------------------|---------------|-------------|--------|-------|
| geschliffen / satin finish / brossé / satinato |               |             |        |       |
| CN8360600                                      | V2A; AISI 304 | Ø 12 x 75   | Ø 12,0 | 75,0  |
| CN8360650                                      | V2A; AISI 304 | Ø 12 x 125  | Ø 12,0 | 125,0 |
| CN8360620                                      | V2A; AISI 304 | Ø 14 x 75   | Ø 14,0 | 75,0  |
| CN8360640                                      | V2A; AISI 304 | Ø 14 x 125  | Ø 14,0 | 125,0 |
| CN8360610                                      | V4A; AISI 316 | Ø 12 x 75   | Ø 12,0 | 75,0  |
| CN8360630                                      | V4A; AISI 316 | Ø 14 x 75   | Ø 14,0 | 75,0  |



| #                                              | Material      | A   |
|------------------------------------------------|---------------|-----|
| geschliffen / satin finish / brossé / satinato |               |     |
| 200100                                         | V2A; AISI 304 | 75  |
| 200150                                         | V2A; AISI 304 | 110 |



| #                                              | Material      | A      | B     |
|------------------------------------------------|---------------|--------|-------|
| geschliffen / satin finish / brossé / satinato |               |        |       |
| CN8360660                                      | V2A; AISI 304 | Ø 12,0 | 115,0 |
| CN8360670                                      | V2A; AISI 304 | Ø 14,0 | 115,0 |
| CN8360680                                      | V2A; AISI 304 | Ø 14,0 | 80,0  |
| CN8360710                                      | V2A; AISI 304 | Ø 12,0 | 80,0  |



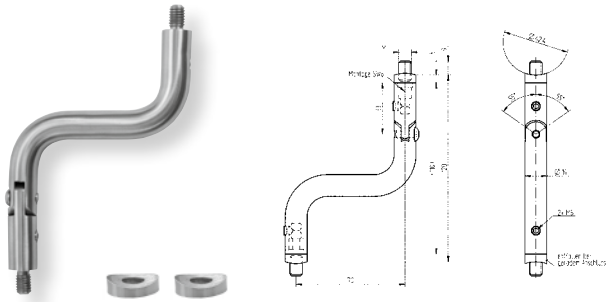
| #                                              | Material      | A   | B  |
|------------------------------------------------|---------------|-----|----|
| geschliffen / satin finish / brossé / satinato |               |     |    |
| CN8360690                                      | V2A; AISI 304 | 75  | 12 |
| CN8360700                                      | V2A; AISI 304 | 125 | 12 |
| 200200                                         | V2A; AISI 304 | 90  | 12 |
| 200250                                         | V2A; AISI 304 | 110 | 12 |

|                                 |             |        |         |
|---------------------------------|-------------|--------|---------|
| Stahl / steel / acier / acciaio |             |        |         |
| 72500                           | ST37 / Q235 | 65 mm  | Ø 12 mm |
| 72510                           | ST37 / Q235 | 100 mm | Ø 12 mm |
| 72550                           | ST37 / Q235 | 65 mm  | Ø 14 mm |
| 72560                           | ST37 / Q235 | 100 mm | Ø 14 mm |

garantiert verzinkungsfähig  
suitable for zinc coating / garantie apte à la galvanisation / zincabile

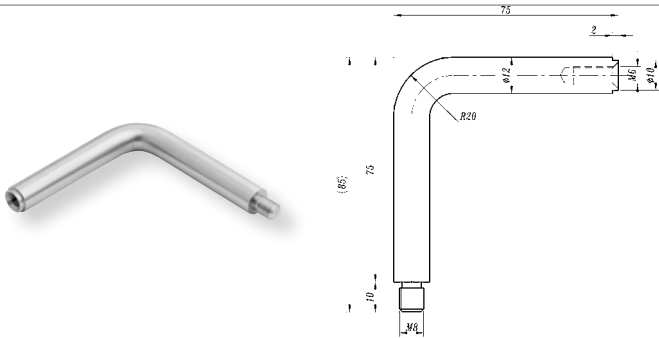


NEW

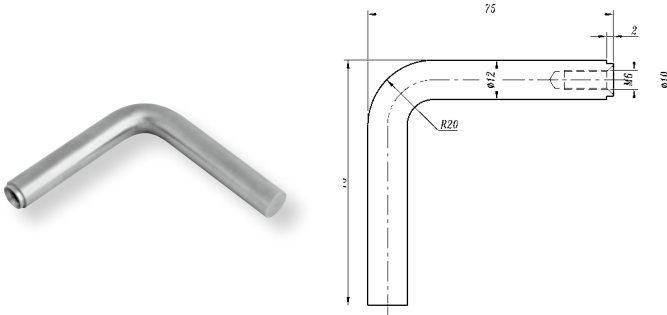


| #                                              | Material      | Ø    | M  |
|------------------------------------------------|---------------|------|----|
| geschliffen / satin finish / brossé / satinato |               |      |    |
| CN8362007                                      | V4A; AISI 316 | Ø 14 | M6 |
| CN8362006                                      | V4A; AISI 316 | Ø 14 | M8 |

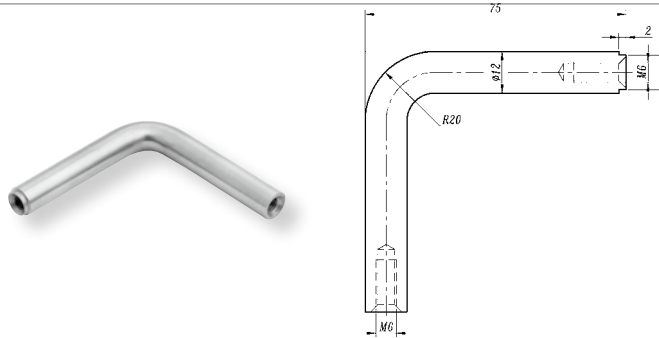
Verbindungsstift gebogen mit Gelenk und Adaptertechnik  
support pin / tige support courbée + adaptateurs tube / perno giunzione com gomito, sistema adattore



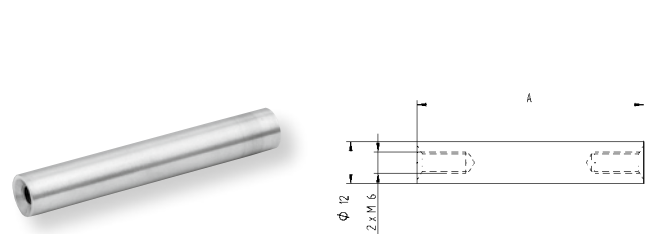
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN8360800                                      | V2A; AISI 304 |
| CN8360810                                      | V4A; AISI 316 |



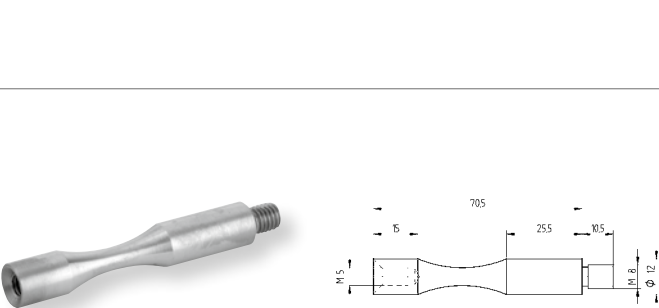
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN8360820                                      | V2A; AISI 304 |
| CN8360830                                      | V4A; AISI 316 |



| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN8360840                                      | V2A; AISI 304 |
| CN8360850                                      | V4A; AISI 316 |

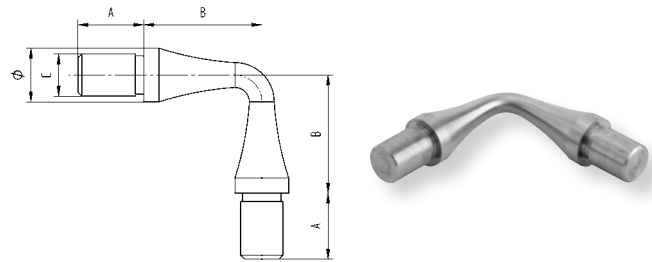


| #                                              | Material      | A   |
|------------------------------------------------|---------------|-----|
| geschliffen / satin finish / brossé / satinato |               |     |
| 200050                                         | V2A; AISI 304 | 65  |
| 200060                                         | V2A; AISI 304 | 110 |

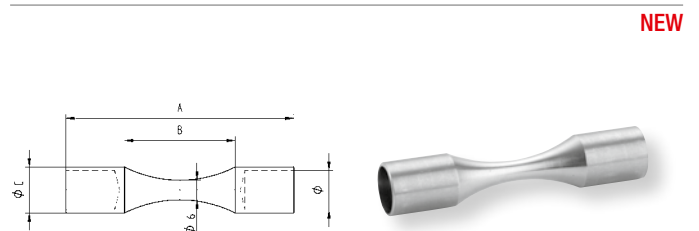


| #                                              | Material      | Länge | Materialstärke |
|------------------------------------------------|---------------|-------|----------------|
| geschliffen / satin finish / brossé / satinato |               |       |                |
| 220100                                         | V2A; AISI 304 | 81    | 12             |

| #                                              | Material      | Rohranschluss | A  | B  | C    |
|------------------------------------------------|---------------|---------------|----|----|------|
| geschliffen / satin finish / brossé / satinato |               |               |    |    |      |
| 220140                                         | V2A; AISI 304 | Ø 12          | 17 | 32 | Ø 9  |
| 220150                                         | V2A; AISI 304 | Ø 14          | 17 | 31 | Ø 11 |



| #                                              | Material      | Bohrung Ø | A  | B  | Ø C |
|------------------------------------------------|---------------|-----------|----|----|-----|
| geschliffen / satin finish / brossé / satinato |               |           |    |    |     |
| 220210                                         | V2A; AISI 304 | 10,1      | 60 | 30 | 12  |
| 220212                                         | V2A; AISI 304 | 12,2      | 70 | 33 | 14  |
| 220214                                         | V2A; AISI 304 | 14,1      | 70 | 35 | 16  |
| 225210                                         | V4A; AISI 316 | 10,1      | 60 | 30 | 12  |
| 225212                                         | V4A; AISI 316 | 12,2      | 70 | 33 | 14  |

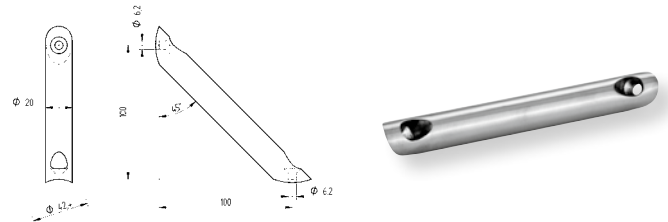


NEW

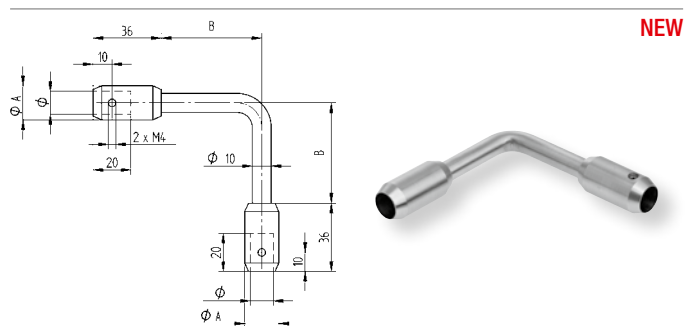
| #                                              | Material      | Abmessungen |
|------------------------------------------------|---------------|-------------|
| geschliffen / satin finish / brossé / satinato |               |             |
| 200400                                         | V2A; AISI 304 | Ø 20        |

**Diagonalverbinder**

connector / raccord inox diagonal / giunzione inclinata



| #                                              | Material      | Ø    | Ø A | B  |
|------------------------------------------------|---------------|------|-----|----|
| geschliffen / satin finish / brossé / satinato |               |      |     |    |
| 300050                                         | V2A; AISI 304 | 10,2 | 16  | 37 |
| 300100                                         | V2A; AISI 304 | 12,2 | 18  | 53 |
| 305050                                         | V4A; AISI 316 | 10,2 | 16  | 37 |
| 305100                                         | V4A; AISI 316 | 12,2 | 18  | 53 |



NEW

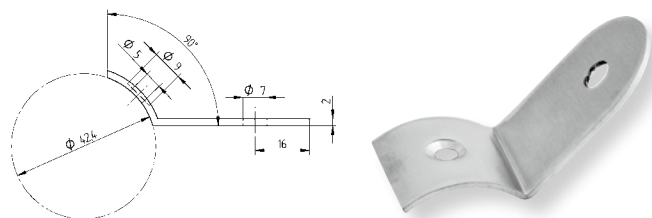
| #                                              | Material      | Rohranschluss |
|------------------------------------------------|---------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |               |
| 646424                                         | V2A; AISI 304 | Ø 42,4        |

**Anschraublaschen**

glass bracket / patte à visser / piastra di fissaggio

**einseitig 90°**

one side 90° / une face à 90° / a un lato 90°



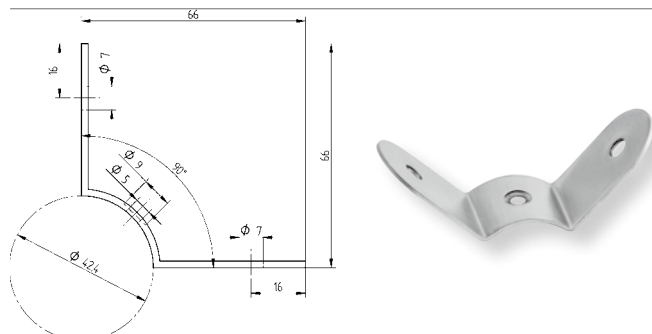
| #                                              | Material      | Rohranschluss |
|------------------------------------------------|---------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |               |
| 647424                                         | V2A; AISI 304 | Ø 42,4        |

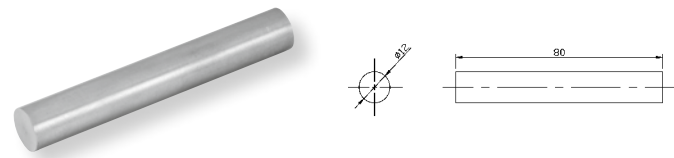
**Anschraublaschen**

glass bracket / patte à visser / piastra di fissaggio

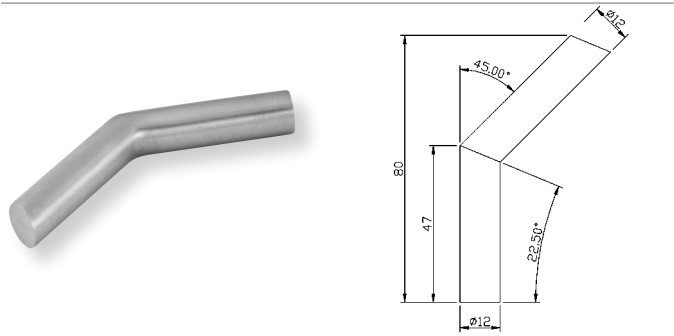
**beidseitig 90°**

angle 90° / deux faces 90° / angolo 90°

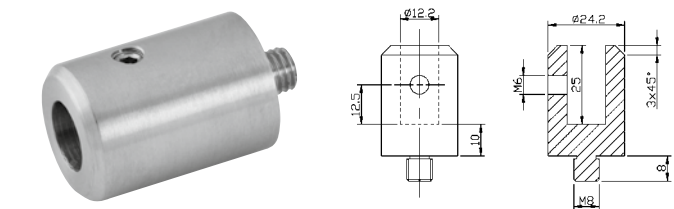




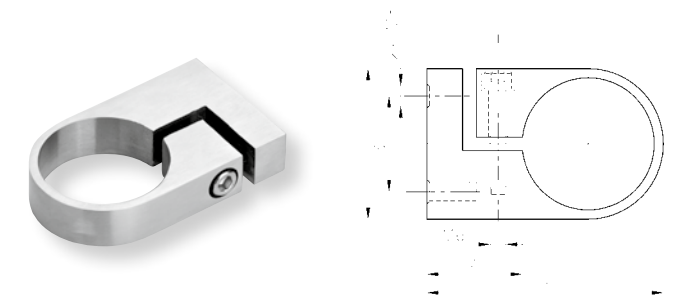
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN8360730                                      | V2A; AISI 304 |



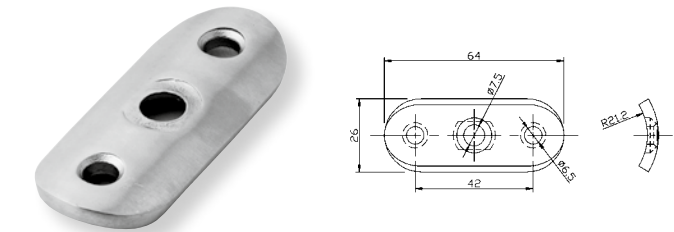
| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN8360720                                      | V2A; AISI 304 |



| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN8360740                                      | V2A; AISI 304 |



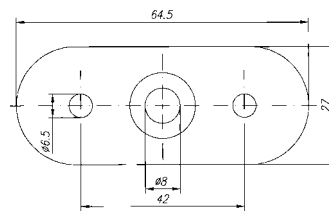
| #                                                 | Material      | Abmessungen | A    | B    | C  |
|---------------------------------------------------|---------------|-------------|------|------|----|
| geschliffen / satin finish / brossé / satinato    |               |             |      |      |    |
| CN8370950                                         | V4A; AISI 316 | Ø 33,7      | 35,5 | 75   | 45 |
| CN8370960                                         | V4A; AISI 316 | Ø 42,4      | 35   | 80,5 | 49 |
| CN8370970                                         | V4A; AISI 316 | Ø 48,3      | 35   | 86,5 | 55 |
| justierbar<br>adjustable / ajustable / regolabile |               |             |      |      |    |



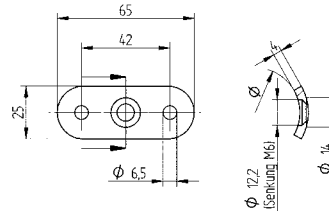
| #                                                 | Material      | Rohranschluss                 |
|---------------------------------------------------|---------------|-------------------------------|
| geschliffen / satin finish / brossé / satinato    |               |                               |
| CN8360905                                         | V2A; AISI 304 | Ø 42,4                        |
| CN8360910                                         | V2A; AISI 304 | gerade / flat / plat / dritto |
| CN8360920                                         | V4A; AISI 316 | Ø 42,4                        |
| trovalisiert / trovalized / trovalisé / burattata |               |                               |
| CN8360915                                         | V4A; AISI 316 | Ø 42,4                        |



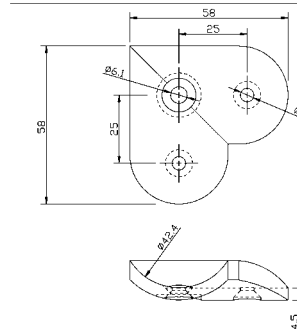
| #                               | Material    | Rohranschluss |
|---------------------------------|-------------|---------------|
| Stahl / steel / acier / acciaio |             |               |
| 76100                           | ST37 / Q235 | Ø 42,2        |



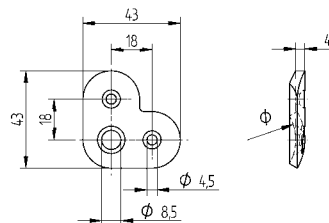
| #                                              | Material      | Ø    |
|------------------------------------------------|---------------|------|
| geschliffen / satin finish / brossé / satinato |               |      |
| 620337                                         | V2A; AISI 304 | 33,7 |
| 620424                                         | V2A; AISI 304 | 42,4 |
| 620483                                         | V2A; AISI 304 | 48,3 |



| #                                              | Material      | Rohranschluss |
|------------------------------------------------|---------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |               |
| CN8361000                                      | V4A; AISI 316 | Ø 42,4        |



| #                                              | Material      | Ø    |
|------------------------------------------------|---------------|------|
| geschliffen / satin finish / brossé / satinato |               |      |
| 590424                                         | V2A; AISI 304 | 42,4 |
| 590337                                         | V2A; AISI 304 | 33,7 |
| 590483                                         | V2A; AISI 304 | 48,3 |







## **Vordachzubehör**

**Canopy / Accessoires pour auvent et marquise / Tettoie**



| #         | Material      | Länge    |
|-----------|---------------|----------|
| 648900    | V2A; AISI 304 | 940mm    |
| 648910    | V2A; AISI 304 | 1250mm   |
| 648920    | V2A; AISI 304 | 1500mm   |
| 648991    | V2A; AISI 304 | ≤ 1000mm |
| 648992    | V2A; AISI 304 | ≤ 1250mm |
| 648993    | V2A; AISI 304 | ≤ 1500mm |
| 648994    | V2A; AISI 304 | ≤ 2000mm |
| CN6008200 | V4A; AISI 316 | 940mm    |
| CN6008210 | V4A; AISI 316 | 1250mm   |
| CN6008220 | V4A; AISI 316 | 1500mm   |
| CN6008300 | V4A; AISI 316 | ≤ 1000mm |
| CN6008310 | V4A; AISI 316 | ≤ 1250mm |
| CN6008320 | V4A; AISI 316 | ≤ 1500mm |
| CN6008330 | V4A; AISI 316 | ≤ 2000mm |

**Zugstange für Vordachsystem M12 Gewinde, links- und rechtsdrehend, ca. 65mm; mindestens 50mm**

Connecting rod for canopy system M12 thread, left and right / Barre de traction pour auvent filtage M12, droit et gauche, env. 65mm, minimum 50mm / Tirante M12 con filetto destro e sinistro, ca. 65mm, minimo 50mm





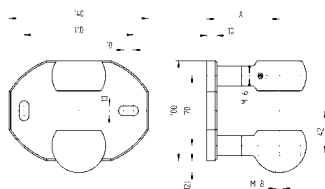




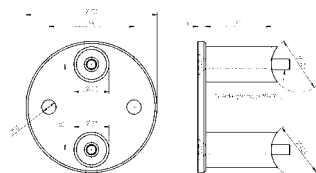
## Wand- und Bodenanker, Flansche, Ronden

anchor, flange, discs / platines d'ancrage et platines à souder / Ancoraggio laterale ed a pavimento, flange dischi e piastre d'ancoraggio

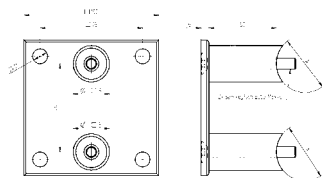




| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN8370210                                      | V4A, AISI 316 |

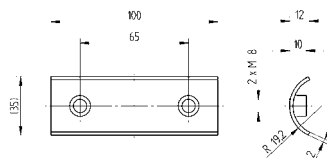


| #                                              | Material      | A                                | B    |
|------------------------------------------------|---------------|----------------------------------|------|
| geschliffen / satin finish / brossé / satinato |               |                                  |      |
| CN8370310                                      | V4A, AISI 316 | Ø 42,4                           | Ø 27 |
| CN8370320                                      | V4A, AISI 316 | gerade / flat /<br>plat / dritto | □ 25 |

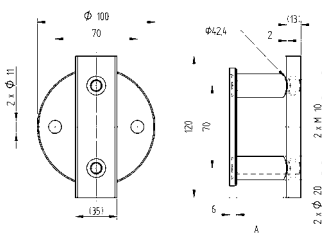


| #                                              | Material      |
|------------------------------------------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |
| CN8370390                                      | V4A, AISI 316 |

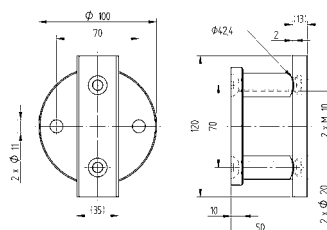
for wall anchors CN8370210 and CN8370310 / pour association avec ancrage mural CN8370210 et CN8370310 / per ancoraggi CN8370210 e CN8370310



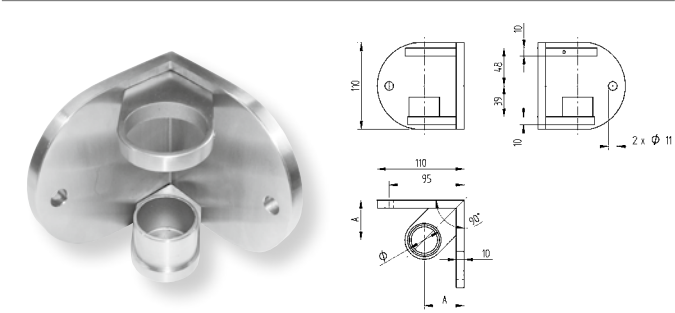
| #                                              | Material      | Abmessung | Bohrung | Abstand A |
|------------------------------------------------|---------------|-----------|---------|-----------|
| geschliffen / satin finish / brossé / satinato |               |           |         |           |
| 081200                                         | V2A; AISI 304 | Ø 100 x 6 | 11      | 30        |
| 081210                                         | V2A; AISI 304 | Ø 100 x 6 | 11      | 40        |
| 081220                                         | V2A; AISI 304 | Ø 100 x 6 | 11      | 50        |
| 081230                                         | V2A; AISI 304 | Ø 100 x 6 | 11      | 70        |
| 081240                                         | V2A; AISI 304 | Ø 100 x 6 | 11      | 90        |
| CN8370400                                      | V4A, AISI 316 | Ø 100 x 6 | 11      | 90        |



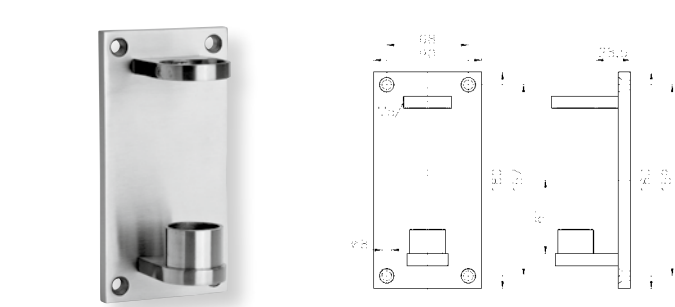
| #                                              | Material      | Abmessung | Bohrung | Rohranschluss |
|------------------------------------------------|---------------|-----------|---------|---------------|
| geschliffen / satin finish / brossé / satinato |               |           |         |               |
| 080210                                         | V2A; AISI 304 | 100 x 10  | 11      | Ø 42,4        |



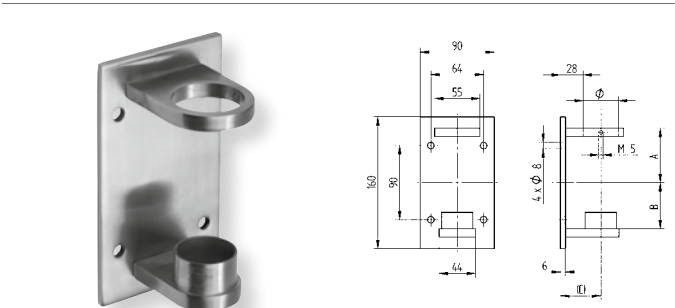




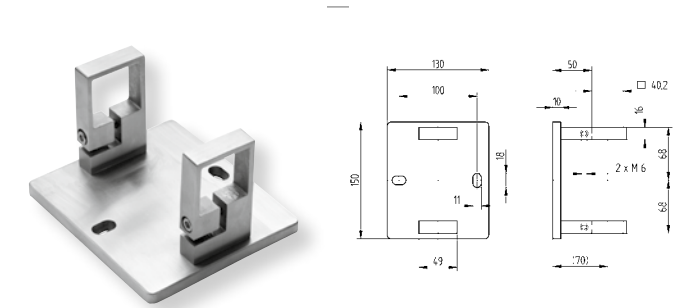
| #                                                              | Material      | Ø    | A    |
|----------------------------------------------------------------|---------------|------|------|
| innen geschliffen / satin finish / intérieur brossé / satinato |               |      |      |
| 080280                                                         | V2A; AISI 304 | 42,4 | 50,5 |
| geschliffen / satin finish / brossé / satinato                 |               |      |      |
| 080285                                                         | V4A, AISI 316 | 42,4 | 50,5 |
| 080286                                                         | V4A, AISI 316 | 48,3 | 52,5 |



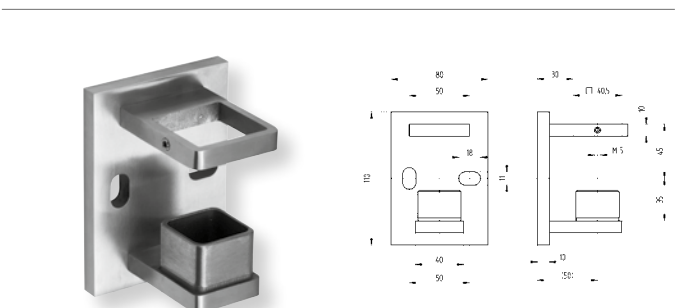
| #                                              | Material      | Abmessung  |
|------------------------------------------------|---------------|------------|
| geschliffen / satin finish / brossé / satinato |               |            |
| CN8370900                                      | V4A, AISI 316 | 33,7 x 2,0 |
| CN8370910                                      | V4A, AISI 316 | 42,4 x 2,0 |
| CN8370920                                      | V4A, AISI 316 | 48,3 x 2,0 |



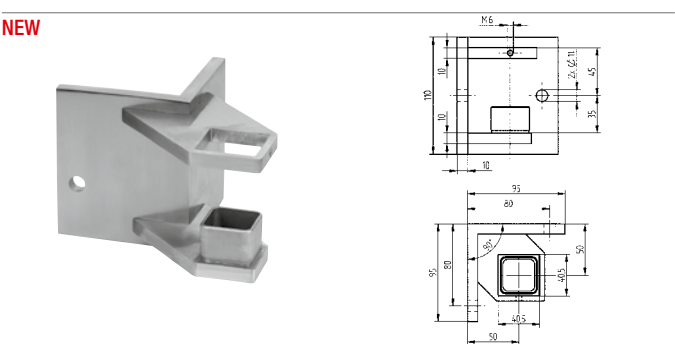
| #                                              | Material      | Ø    | A  | B  | C  |
|------------------------------------------------|---------------|------|----|----|----|
| geschliffen / satin finish / brossé / satinato |               |      |    |    |    |
| 080130                                         | V2A; AISI 304 | 42,4 | 66 | 56 | 49 |
| 080135                                         | V2A; AISI 304 | 48,3 | 65 | 55 | 53 |



| #                                              | Material      | Abmessung |
|------------------------------------------------|---------------|-----------|
| geschliffen / satin finish / brossé / satinato |               |           |
| CN8370930                                      | V4A, AISI 316 | 40 x 40   |



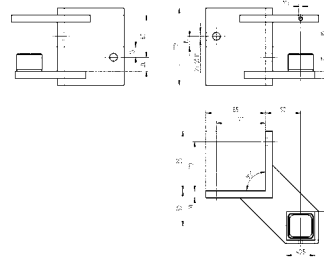
| #                                                              | Material      | Abmessung     |
|----------------------------------------------------------------|---------------|---------------|
| außen geschliffen / satin finish / intérieur brossé / satinato |               |               |
| 085000                                                         | V2A; AISI 304 | 40 x 40 x 2,0 |
| geschliffen / satin finish / brossé / satinato                 |               |               |
| 085050                                                         | V4A, AISI 316 | 40 x 40 x 2,0 |



| #                                              | Material      | Abmessung     |
|------------------------------------------------|---------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |               |
| CN8371000                                      | V2A; AISI 304 | 40 x 40 x 2,0 |
| geschliffen / satin finish / brossé / satinato |               |               |
| CN8371100                                      | V4A, AISI 316 | 40 x 40 x 2,0 |

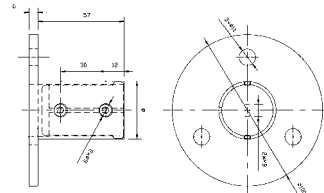
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| #                                              | Material      | Abmessung     |
|------------------------------------------------|---------------|---------------|
| geschliffen / satin finish / brossé / satinato |               |               |
| CN8372000                                      | V2A; AISI 304 | 40 x 40 x 2,0 |
| geschliffen / satin finish / brossé / satinato |               |               |
| CN8372100                                      | V4A, AISI 316 | 40 x 40 x 2,0 |

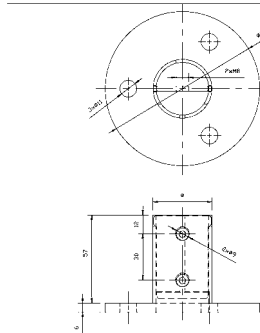


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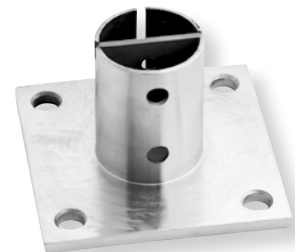
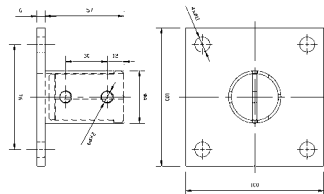
| #                                               | Material      | Abmessung    |
|-------------------------------------------------|---------------|--------------|
| ungeschliffen / raw / non brossé / non satinato |               |              |
| CN8370610                                       | V4A, AISI 316 | Ø 42,4 x 2,0 |
| CN8370620                                       | V4A, AISI 316 | Ø 48,3 x 2,0 |



| #                         | Material      | für Rundrohr |
|---------------------------|---------------|--------------|
| roh / raw / brut / grezzo |               |              |
| 080000                    | V2A; AISI 304 | Ø 33,7 x 2,0 |
| 080010                    | V2A; AISI 304 | Ø 42,4 x 2,0 |
| 080020                    | V2A; AISI 304 | Ø 48,3 x 2,0 |



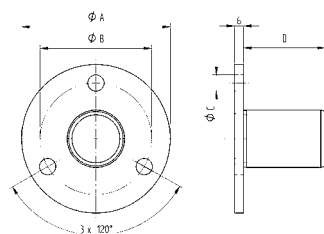
| #                                               | Material      | Abmessung    |
|-------------------------------------------------|---------------|--------------|
| ungeschliffen / raw / non brossé / non satinato |               |              |
| CN8370710                                       | V4A, AISI 316 | Ø 42,4 x 2,0 |
| CN8370720                                       | V4A, AISI 316 | Ø 48,3 x 2,0 |



| #                                              | Material      | Abmessungen | Ø A | Ø B | Ø C | D  |
|------------------------------------------------|---------------|-------------|-----|-----|-----|----|
| geschliffen / satin finish / brossé / satinato |               |             |     |     |     |    |
| CN8383370                                      | V2A; AISI 304 | Ø 33,7      | 100 | 75  | 9   | 55 |
| CN8384240                                      | V2A; AISI 304 | Ø 42,4      | 100 | 75  | 11  | 55 |
| CN8384830                                      | V2A; AISI 304 | Ø 48,3      | 120 | 98  | 11  | 55 |
| CN8384241                                      | V4A, AISI 316 | Ø 42,4      | 100 | 75  | 11  | 55 |

**Einpressflansch**

Press-in flange / Platine à emboutir / Flangia da pressare

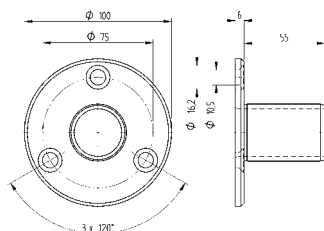


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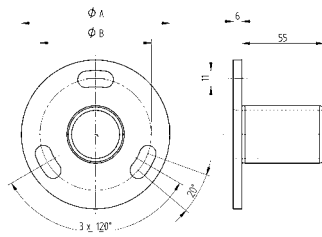
| #                                              | Material      | Abmessung |
|------------------------------------------------|---------------|-----------|
| geschliffen / satin finish / brossé / satinato |               |           |
| 670190                                         | V2A; AISI 304 | Ø 42,4    |
| 670195                                         | V4A, AISI 316 | Ø 42,4    |

**Einpressflansch**

Press-in flange / Platine à emboutir / Flangia da pressare



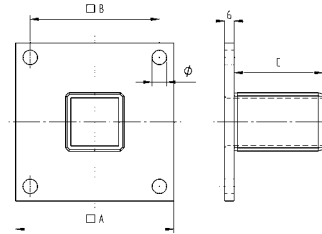
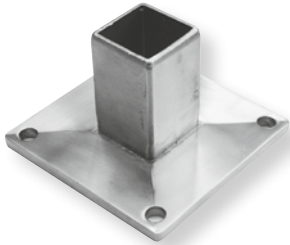




| #                                              | Material      | Abmessung | Ø A | Ø B |
|------------------------------------------------|---------------|-----------|-----|-----|
| geschliffen / satin finish / brossé / satinato |               |           |     |     |
| 670150                                         | V2A; AISI 304 | Ø 42,4    | 100 | 75  |
| 670175                                         | V2A; AISI 304 | Ø 42,4    | 120 | 98  |
| 670160                                         | V4A; AISI 316 | Ø 42,4    | 100 | 75  |
| 670185                                         | V4A; AISI 316 | Ø 42,4    | 120 | 98  |

**Einpressflansch**

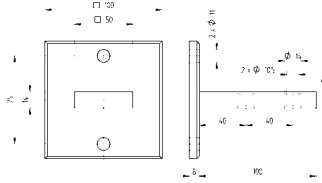
Press-in flange / Platine à emboutir / Flangia da pressare



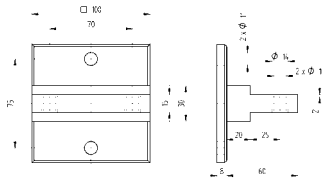
| #                                              | Material      | Abmessung | A       | B       | C  | D |
|------------------------------------------------|---------------|-----------|---------|---------|----|---|
| geschliffen / satin finish / brossé / satinato |               |           |         |         |    |   |
| CN8394020                                      | V2A; AISI 304 | 40 x 20   | 68 x 58 | 50 x 40 | 55 | 9 |
| CN8394040                                      | V2A; AISI 304 | 40 x 40   | 98      | 80      | 55 | 9 |

**Einpressflansch**

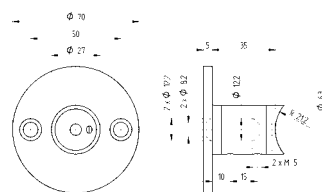
Press-in flange / Platine à emboutir / Flangia da pressare



| #                                              | Material      | Abmessung           |
|------------------------------------------------|---------------|---------------------|
| geschliffen / satin finish / brossé / satinato |               |                     |
| 080300                                         | V2A; AISI 304 | 100 x 100, 100 x 50 |



| #                                              | Material      | Abmessung           |
|------------------------------------------------|---------------|---------------------|
| geschliffen / satin finish / brossé / satinato |               |                     |
| 080350                                         | V2A; AISI 304 | 100 x 100, 60 x 100 |



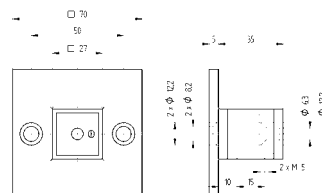
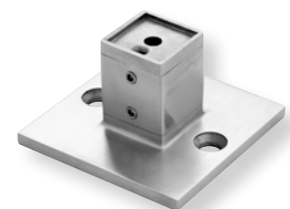
| #                                              | Material      | Anschluss |
|------------------------------------------------|---------------|-----------|
| geschliffen / satin finish / brossé / satinato |               |           |
| CN8700750                                      | V4A; AISI 316 | 42,4      |

**Abstandhalter**

Distance holder / Entretoise cylindrique / Ancoraggio laterale

**mit Kabeldurchführung**

cable feedthrough / avec passage pour câble / predisposto per passaggio cavi



| #                                              | Material      | Anschluss |
|------------------------------------------------|---------------|-----------|
| geschliffen / satin finish / brossé / satinato |               |           |
| CN8700850                                      | V4A; AISI 316 | gerade    |

**Abstandhalter**

Distance holder / Entretoise carrée / Ancoraggio laterale

**mit Kabeldurchführung**

cable feedthrough / avec passage pour câble / predisposto per passaggio cavi

| #                                                     | Material      | A          | L       |
|-------------------------------------------------------|---------------|------------|---------|
| <b>geschliffen / satin finish / brossé / satinato</b> |               |            |         |
| CN8365100                                             | V2A; AISI 304 | 33,7 x 2,0 | 30 80,5 |
| CN8365110                                             | V2A; AISI 304 | 42,4 x 2,0 | 40 93,5 |
| <b>geschliffen / satin finish / brossé / satinato</b> |               |            |         |
| CN8365120                                             | V4A; AISI 304 | 33,7 x 2,0 | 30 80,5 |
| CN8365130                                             | V4A; AISI 304 | 42,4 x 2,0 | 40 93,5 |

**Anschraublaschen**

plates / pattes à visser / piastra di fissaggio

| #                                                     | Material      | A             | L     |
|-------------------------------------------------------|---------------|---------------|-------|
| <b>geschliffen / satin finish / brossé / satinato</b> |               |               |       |
| CN8365200                                             | V2A; AISI 304 | 30 x 30 x 2,0 | 30 75 |
| CN8365210                                             | V2A; AISI 304 | 40 x 40 x 2,0 | 40 90 |
| <b>geschliffen / satin finish / brossé / satinato</b> |               |               |       |
| CN8365220                                             | V4A; AISI 304 | 30 x 30 x 2,0 | 30 75 |
| CN8365230                                             | V4A; AISI 304 | 40 x 40 x 2,0 | 40 90 |

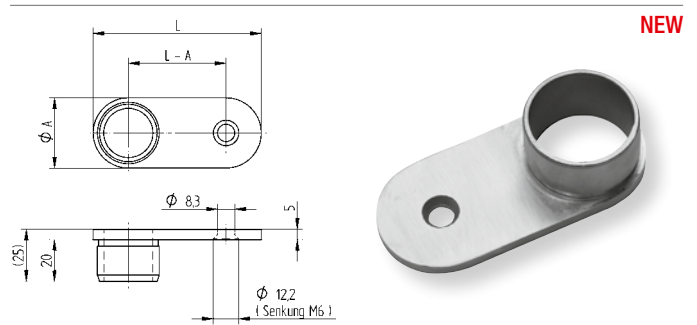
**Anschraublaschen**

plates / pattes à visser / piastra di fissaggio

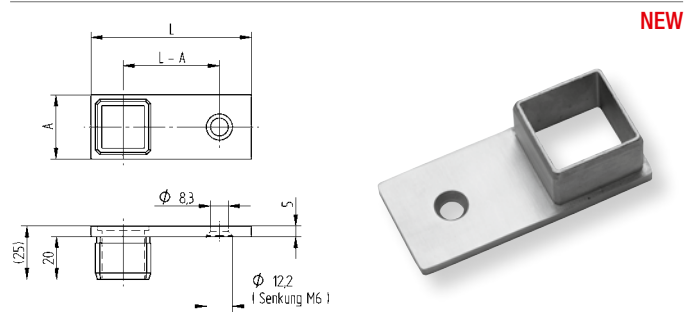
| #                                                     | Material      | Abmessung    |
|-------------------------------------------------------|---------------|--------------|
| <b>geschliffen / satin finish / brossé / satinato</b> |               |              |
| CN8370810                                             | V4A, AISI 316 | Ø 42,4 x 2,0 |
| CN8370815                                             | V4A, AISI 316 | Ø 42,4 x 2,6 |
| CN8370820                                             | V4A, AISI 316 | Ø 48,3 x 2,0 |
| CN8370825                                             | V4A, AISI 316 | Ø 48,3 x 2,6 |

| #                                                     | Material      | Abmessung | A     | B  | C    | D     |
|-------------------------------------------------------|---------------|-----------|-------|----|------|-------|
| <b>geschliffen / satin finish / brossé / satinato</b> |               |           |       |    |      |       |
| CN4565100                                             | V4A, AISI 316 | 33,7      | Ø 69  | 70 | Ø 53 | Ø 6,5 |
| CN4565110                                             | V4A, AISI 316 | 42,4      | Ø 82  | 72 | Ø 67 | Ø 6,5 |
| CN4565120                                             | V4A, AISI 316 | 48,3      | Ø 95  | 75 | Ø 72 | Ø 8,5 |
| CN4565130                                             | V4A, AISI 316 | 60,3      | Ø 105 | 80 | Ø 85 | Ø 8,5 |

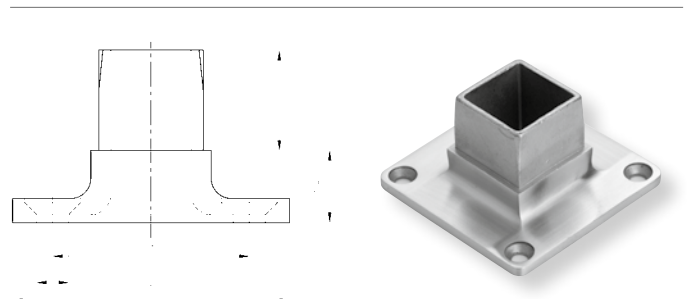
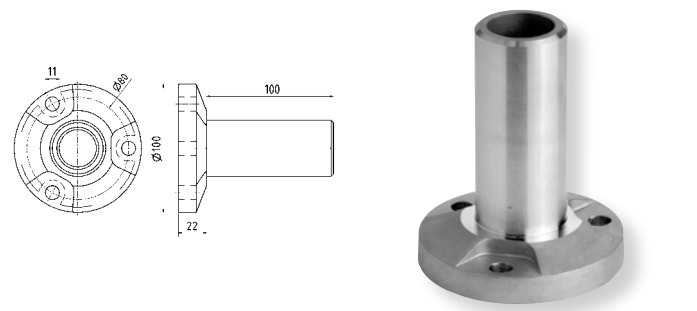
| #                                                     | Material      | Abmessung     | A   | B  | C   | D  |
|-------------------------------------------------------|---------------|---------------|-----|----|-----|----|
| <b>geschliffen / satin finish / brossé / satinato</b> |               |               |     |    |     |    |
| CN4900100                                             | V4A, AISI 316 | 30 x 30 x 2,0 | 70  | 54 | 6,2 | 25 |
| CN4900110                                             | V4A, AISI 316 | 40 x 40 x 2,0 | 80  | 64 | 6,2 | 25 |
| CN4900120                                             | V4A, AISI 316 | 50 x 50 x 2,0 | 95  | 74 | 8,2 | 30 |
| CN4900130                                             | V4A, AISI 316 | 60 x 60 x 2,0 | 105 | 84 | 8,2 | 30 |



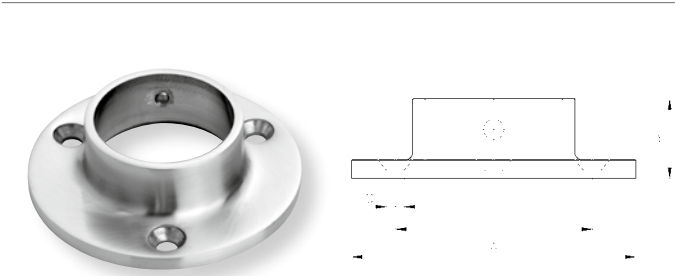
NEW



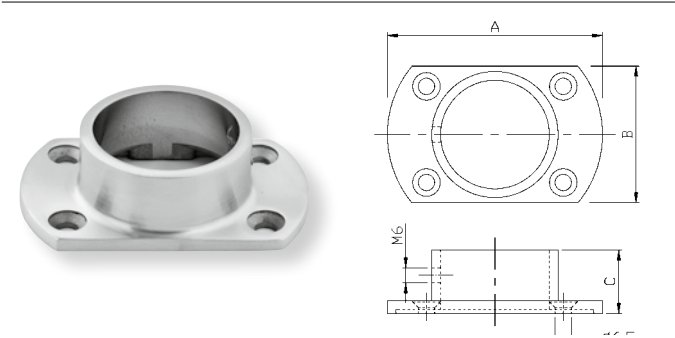
NEW



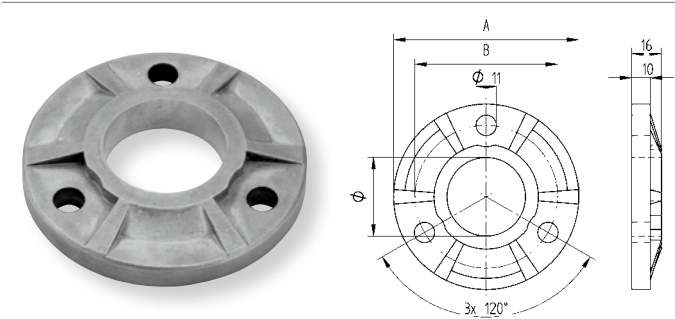




| #                                                                    | Material      | Abmessung | A     | B  | C   | D    |
|----------------------------------------------------------------------|---------------|-----------|-------|----|-----|------|
| geschliffen / satin finish / brossé / satinato                       |               |           |       |    |     |      |
| CN4560400                                                            | V4A, AISI 316 | Ø 21,3    | 60,0  | 20 | 5,5 | 44,0 |
| CN4560410                                                            | V4A, AISI 316 | Ø 26,9    | 65,0  | 20 | 5,5 | 49,0 |
| CN4560420                                                            | V4A, AISI 316 | Ø 33,7    | 71,0  | 20 | 5,5 | 55,5 |
| CN4560430                                                            | V4A, AISI 316 | Ø 40,0    | 85,0  | 25 | 6,5 | 67,0 |
| CN4560440                                                            | V4A, AISI 316 | Ø 42,4    | 85,0  | 25 | 6,5 | 67,0 |
| CN4560445                                                            | V4A, AISI 316 | Ø 45,0    | 87,0  | 25 | 6,5 | 70,0 |
| CN4560450                                                            | V4A, AISI 316 | Ø 48,3    | 95,0  | 30 | 8,5 | 75,0 |
| CN4560460                                                            | V4A, AISI 316 | Ø 60,3    | 105,0 | 38 | 8,5 | 85,0 |
| geschliffen / satin finish / brossé / satinato                       |               |           |       |    |     |      |
| CN4560435                                                            | V2A; AISI 304 | Ø 42,4    | 85,0  | 25 | 6,5 | 67,0 |
| 070400                                                               | V2A; AISI 304 | Ø 33,7    | 71,0  | 20 | 6,5 | 56,0 |
| 070500                                                               | V2A; AISI 304 | Ø 42,4    | 84,5  | 26 | 6,5 | 67,5 |
| 070600                                                               | V2A; AISI 304 | Ø 48,3    | 95,0  | 29 | 6,5 | 74,5 |
| hochglanzpoliert/ mirror polished / poli miroir/ lucidato a specchio |               |           |       |    |     |      |
| CN4560421                                                            | V4A, AISI 316 | Ø 33,7    | 71,0  | 20 | 5,5 | 55,5 |
| CN4560423                                                            | V4A, AISI 316 | Ø 38,1    | 80,0  | 25 | 5,3 | 64,0 |
| CN4560425                                                            | V4A, AISI 316 | Ø 40,0    | 85,0  | 25 | 6,5 | 68,5 |
| CN4560441                                                            | V4A, AISI 316 | Ø 42,4    | 85,0  | 25 | 6,5 | 67,0 |
| CN4560442                                                            | V4A, AISI 316 | Ø 43,0    | 87,0  | 25 | 6,5 | 70,0 |
| CN4560443                                                            | V4A, AISI 316 | Ø 45,0    | 87,0  | 25 | 6,5 | 70,0 |
| CN4560444                                                            | V4A, AISI 316 | Ø 48,3    | 95,0  | 29 | 6,5 | 74,5 |
| CN4560453                                                            | V4A, AISI 316 | Ø 50,8    | 95,0  | 25 | 6,5 | 77,8 |

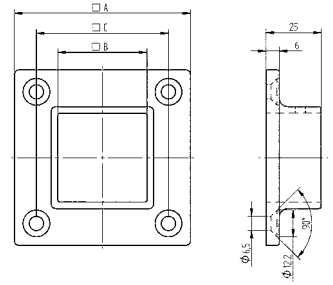
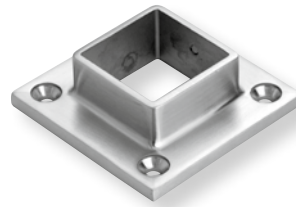


| #                                                                    | Material      | Abmessung | A  | B  | C    |
|----------------------------------------------------------------------|---------------|-----------|----|----|------|
| geschliffen / satin finish / brossé / satinato                       |               |           |    |    |      |
| CN4570010                                                            | V4A, AISI 316 | Ø 42,4    | 85 | 54 | 25,0 |
| CN4570020                                                            | V4A, AISI 316 | Ø 48,3    | 95 | 58 | 28,5 |
| hochglanzpoliert/ mirror polished / poli miroir/ lucidato a specchio |               |           |    |    |      |
| CN4570003                                                            | V4A, AISI 316 | Ø 33,7    | 76 | 45 | 25,0 |
| CN4570004                                                            | V4A, AISI 316 | Ø 38,1    | 76 | 50 | 25,0 |
| CN4570005                                                            | V4A, AISI 316 | Ø 40,0    | 84 | 53 | 25,0 |
| CN4570006                                                            | V4A, AISI 316 | Ø 42,4    | 85 | 54 | 25,0 |
| CN4570012                                                            | V4A, AISI 316 | Ø 43,0    | 85 | 54 | 25,0 |
| CN4570008                                                            | V4A, AISI 316 | Ø 45,0    | 85 | 55 | 28,  |
| CN4570009                                                            | V4A, AISI 316 | Ø 48,3    | 95 | 58 | 28,5 |
| CN4570011                                                            | V4A, AISI 316 | Ø 50,8    | 95 | 60 | 25,0 |
| geschliffen / satin finish / brossé / satinato                       |               |           |    |    |      |
| 075500                                                               | V2A; AISI 304 | Ø 42,4    | 85 | 54 | 25,0 |
| 075600                                                               | V2A; AISI 304 | Ø 48,3    | 95 | 58 | 28,5 |

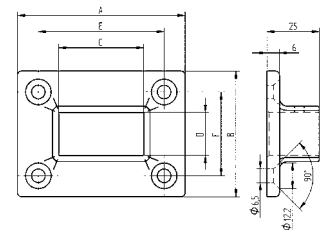
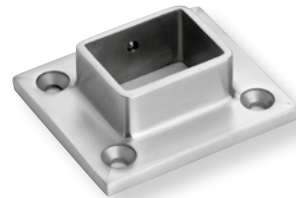


| #                                              | Material      | Abmessung | A   | B   |
|------------------------------------------------|---------------|-----------|-----|-----|
| geschliffen / satin finish / brossé / satinato |               |           |     |     |
| CN4570700                                      | V4A, AISI 316 | Ø 42,4    | 100 | 77  |
| CN4570710                                      | V4A, AISI 316 | Ø 48,3    | 100 | 77  |
| roh / raw / brut / grezzo                      |               |           |     |     |
| CN4570680                                      | V2A; AISI 304 | Ø 42,4    | 100 | 77  |
| CN4570685                                      | V2A; AISI 304 | Ø 48,3    | 100 | 77  |
| CN4570690                                      | V2A; AISI 304 | Ø 60,3    | 140 | 108 |
| CN4570695                                      | V2A; AISI 304 | Ø 76,1    | 165 | 133 |

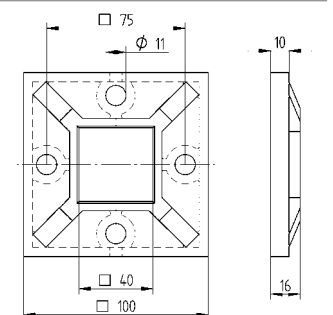
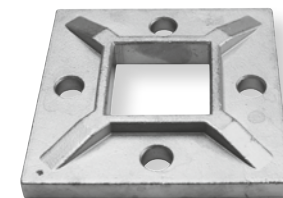
| #                                              | Material      | Abmessung | A   | B    | C  |
|------------------------------------------------|---------------|-----------|-----|------|----|
| geschliffen / satin finish / brossé / satinato |               |           |     |      |    |
| CN4900200                                      | V4A, AISI 316 | 30 x 30   | 70  | 30,5 | 50 |
| CN4900210                                      | V4A, AISI 316 | 40 x 40   | 80  | 40,5 | 60 |
| CN4900220                                      | V4A, AISI 316 | 50 x 50   | 90  | 50,5 | 70 |
| CN4900230                                      | V4A, AISI 316 | 60 x 60   | 100 | 60,5 | 80 |

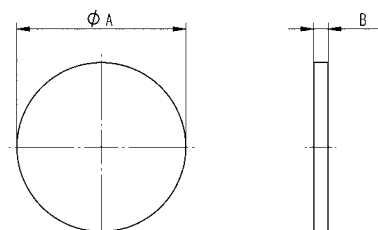


| #                                              | Material      | Abmessung | A   | B  | C    | D    | E  | F  |
|------------------------------------------------|---------------|-----------|-----|----|------|------|----|----|
| geschliffen / satin finish / brossé / satinato |               |           |     |    |      |      |    |    |
| CN4900305                                      | V4A, AISI 316 | 20 x 40   | 80  | 60 | 40,5 | 20,5 | 60 | 40 |
| CN4900315                                      | V4A, AISI 316 | 30 x 40   | 80  | 70 | 40,5 | 30,5 | 60 | 50 |
| CN4900325                                      | V4A, AISI 316 | 30 x 50   | 95  | 75 | 50,5 | 30,5 | 75 | 55 |
| CN4900335                                      | V4A, AISI 316 | 40 x 60   | 100 | 80 | 0,5  | 0,5  | 80 | 60 |
| CN4900290                                      | V2A; AISI 304 | 20 x 40   | 80  | 60 | 40,5 | 20,5 | 60 | 40 |
| CN4900310                                      | V2A; AISI 304 | 30 x 40   | 80  | 70 | 40,5 | 30,5 | 60 | 50 |
| CN4900320                                      | V2A; AISI 304 | 30 x 50   | 95  | 75 | 50,5 | 30,5 | 75 | 55 |
| CN4900300                                      | V2A; AISI 304 | 40 x 60   | 100 | 80 | 60,5 | 40,5 | 80 | 60 |



| #                                              | Material      | Abmessung |
|------------------------------------------------|---------------|-----------|
| geschliffen / satin finish / brossé / satinato |               |           |
| 540100                                         | V2A; AISI 304 | 40 x 40   |





| #                                                                                                                            | Material      | Ø A | B  |
|------------------------------------------------------------------------------------------------------------------------------|---------------|-----|----|
| einseitig geschliffen / satin finish one side / brossé sur une seule face / un lato satinato                                 |               |     |    |
| mit Schutzfolie beschichtet / coated with protection foil / revêtu d'un film protecteur / rivestito con pellicola protettiva |               |     |    |
| CN8350700                                                                                                                    | V2A; AISI 304 | 33  | 4  |
| CN8350710                                                                                                                    | V2A; AISI 304 | 42  | 4  |
| CN8350720                                                                                                                    | V2A; AISI 304 | 48  | 4  |
| CN8350730                                                                                                                    | V2A; AISI 304 | 60  | 4  |
| CN8350755                                                                                                                    | V2A; AISI 304 | 70  | 6  |
| CN8360200                                                                                                                    | V4A; AISI 316 | 70  | 6  |
| CN8350740                                                                                                                    | V2A; AISI 304 | 80  | 4  |
| CN8350750                                                                                                                    | V2A; AISI 304 | 100 | 4  |
| CN8350760                                                                                                                    | V2A; AISI 304 | 100 | 6  |
| CN8350770                                                                                                                    | V2A; AISI 304 | 120 | 6  |
| einzeln im Polybeutel verpackt / individuell packet / emballées séparément en sachet / imbustati singolarmente               |               |     |    |
| 604300                                                                                                                       | V2A; AISI 304 | 30  | 4  |
| 604330                                                                                                                       | V2A; AISI 304 | 33  | 4  |
| 604400                                                                                                                       | V2A; AISI 304 | 40  | 4  |
| 604420                                                                                                                       | V2A; AISI 304 | 42  | 4  |
| 604450                                                                                                                       | V2A; AISI 304 | 45  | 4  |
| 604480                                                                                                                       | V2A; AISI 304 | 48  | 4  |
| 604500                                                                                                                       | V2A; AISI 304 | 50  | 4  |
| 604600                                                                                                                       | V2A; AISI 304 | 60  | 4  |
| 604700                                                                                                                       | V2A; AISI 304 | 70  | 4  |
| 605070                                                                                                                       | V2A; AISI 304 | 70  | 5  |
| 604800                                                                                                                       | V2A; AISI 304 | 80  | 4  |
| 604880                                                                                                                       | V2A; AISI 304 | 85  | 4  |
| 604100                                                                                                                       | V2A; AISI 304 | 100 | 4  |
| einseitig geschliffen / one side satin finish / brossé sur une seule face / un lato satinato                                 |               |     |    |
| 605706                                                                                                                       | V2A; AISI 304 | 70  | 6  |
| 605080                                                                                                                       | V2A; AISI 304 | 80  | 5  |
| 605090                                                                                                                       | V2A; AISI 304 | 90  | 5  |
| 605100                                                                                                                       | V2A; AISI 304 | 100 | 5  |
| 660106                                                                                                                       | V2A; AISI 304 | 100 | 6  |
| 671008                                                                                                                       | V2A; AISI 304 | 100 | 8  |
| 660106                                                                                                                       | V2A; AISI 304 | 100 | 6  |
| 675100                                                                                                                       | V2A; AISI 304 | 100 | 10 |
| 605120                                                                                                                       | V2A; AISI 304 | 120 | 5  |
| 660126                                                                                                                       | V2A; AISI 304 | 120 | 6  |
| 671208                                                                                                                       | V2A; AISI 304 | 120 | 8  |
| 675120                                                                                                                       | V2A; AISI 304 | 120 | 10 |
| 671408                                                                                                                       | V2A; AISI 304 | 140 | 8  |
| 675140                                                                                                                       | V2A; AISI 304 | 140 | 10 |
| Stahl / steel / acier / acciaio                                                                                              |               |     |    |
| 76007                                                                                                                        | S235JRG2      | 33  | 4  |
| 76016                                                                                                                        | S235JRG2      | 40  | 4  |
| 76008                                                                                                                        | S235JRG2      | 42  | 4  |
| 76009                                                                                                                        | S235JRG2      | 48  | 4  |
| 76017                                                                                                                        | S235JRG2      | 50  | 4  |
| 76010                                                                                                                        | S235JRG2      | 60  | 4  |
| 76018                                                                                                                        | S235JRG2      | 70  | 4  |
| 76019                                                                                                                        | S235JRG2      | 70  | 6  |
| 76011                                                                                                                        | S235JRG2      | 80  | 4  |
| 76020                                                                                                                        | S235JRG2      | 80  | 6  |
| 76012                                                                                                                        | S235JRG2      | 100 | 4  |
| 76021                                                                                                                        | S235JRG2      | 100 | 6  |
| 76022                                                                                                                        | S235JRG2      | 100 | 8  |
| 76023                                                                                                                        | S235JRG2      | 120 | 6  |
| 76024                                                                                                                        | S235JRG2      | 120 | 8  |

| #         | Material      | Ø    | A   | B  |
|-----------|---------------|------|-----|----|
| CN8350100 | V2A; AISI 304 | 33,7 | 2,0 | 6  |
| CN8350110 | V2A; AISI 304 | 42,4 | 2,0 | 7  |
| CN8350120 | V2A; AISI 304 | 48,3 | 2,0 | 8  |
| CN8350130 | V2A; AISI 304 | 60,3 | 2,2 | 9  |
| CN8350140 | V2A; AISI 304 | 76,1 | 2,2 | 10 |

| #      | Material      | Abmessungen      |
|--------|---------------|------------------|
| 600337 | V2A; AISI 304 | 33,7 x 1,5 x 2,0 |
| 600424 | V2A; AISI 304 | 42,4 x 1,5 x 2,0 |
| 600483 | V2A; AISI 304 | 48,3 x 1,5 x 2,0 |
| 600603 | V2A; AISI 304 | 60,3 x 1,5 x 2,0 |
| 600761 | V2A; AISI 304 | 76,1 x 1,5 x 2,0 |
| 600890 | V2A; AISI 304 | 89,0 x 1,5 x 2,0 |
| 76004  | S235JRG2      | 33,7 x 2         |
| 76005  | S235JRG2      | 42,4 x 2         |
| 76006  | S235JRG2      | 48,3 x 2         |
| 76013  | S235JRG2      | 60,0 x 2         |
| 76014  | S235JRG2      | 70,0 x 2         |
| 76015  | S235JRG2      | 76,0 x 2         |

**Schalen**

rounded discs / platines rondes bombées / dischi bombati

| # | Material | A | B | C | D |
|---|----------|---|---|---|---|
|---|----------|---|---|---|---|

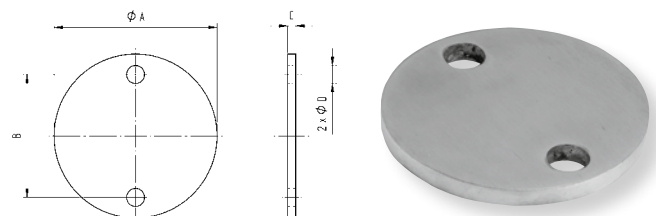
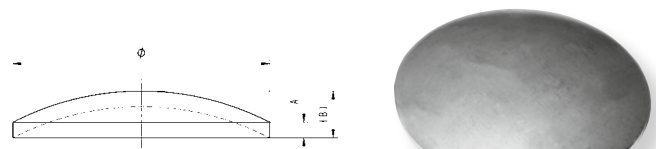
einseitig geschliffen / one side satin finish / brossé sur une seule face / un lato satinato

**Kante geschliffen**

|        |               |     |       |    |    |
|--------|---------------|-----|-------|----|----|
| 600704 | V2A; AISI 304 | 70  | 50,0  | 4  | 9  |
| 650070 | V2A; AISI 304 | 70  | 50,0  | 5  | 11 |
| 650080 | V2A; AISI 304 | 80  | 50,0  | 5  | 11 |
| 650100 | V2A; AISI 304 | 100 | 75,0  | 5  | 11 |
| 600706 | V2A; AISI 304 | 70  | 50,0  | 6  | 11 |
| 600707 | V2A; AISI 304 | 80  | 63,5  | 6  | 11 |
| 600708 | V2A; AISI 304 | 100 | 75,0  | 6  | 11 |
| 600709 | V2A; AISI 304 | 120 | 87,0  | 6  | 11 |
| 681008 | V2A; AISI 304 | 100 | 75,0  | 8  | 11 |
| 681208 | V2A; AISI 304 | 120 | 98,0  | 8  | 11 |
| 681408 | V2A; AISI 304 | 140 | 108,0 | 8  | 11 |
| 685100 | V2A; AISI 304 | 100 | 75,0  | 10 | 11 |
| 685120 | V2A; AISI 304 | 120 | 98,0  | 10 | 11 |
| 685140 | V2A; AISI 304 | 140 | 108,0 | 10 | 11 |

**Kante gebrochen**

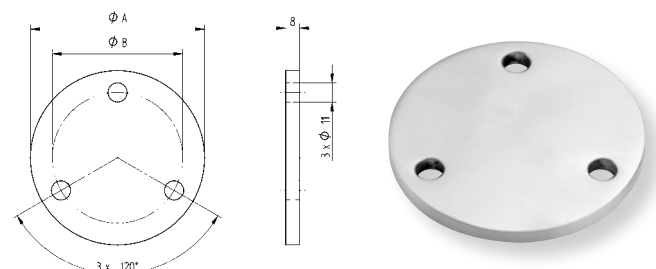
|           |               |     |      |   |    |
|-----------|---------------|-----|------|---|----|
| CN8350600 | V2A; AISI 304 | 70  | 50,0 | 6 | 11 |
| CN8350610 | V2A; AISI 304 | 80  | 63,5 | 6 | 11 |
| CN8350620 | V2A; AISI 304 | 100 | 75,0 | 6 | 11 |
| CN8350630 | V2A; AISI 304 | 120 | 90,0 | 6 | 11 |

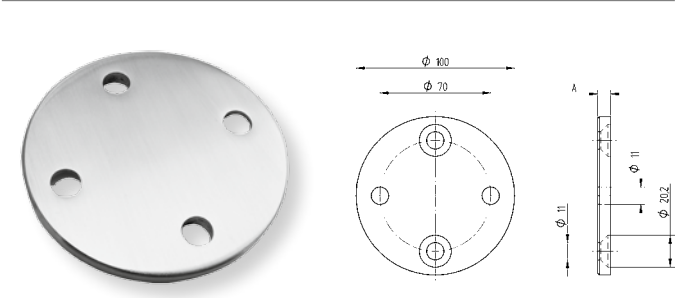


| # | Material | Abmessungen |
|---|----------|-------------|
|---|----------|-------------|

einseitig geschliffen / side satin finish one side / brossé sur une seule face / un lato satinato

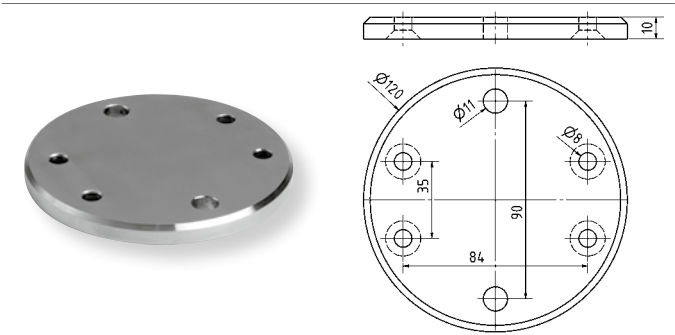
|        |               |         |
|--------|---------------|---------|
| 691008 | V2A; AISI 304 | 100 75  |
| 691208 | V2A; AISI 304 | 120 98  |
| 691408 | V2A; AISI 304 | 140 108 |





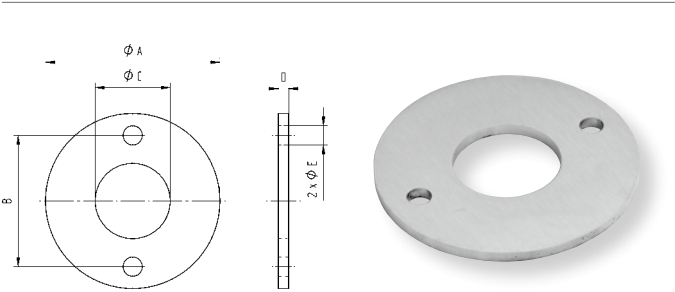
| #                                                                                            | Material      | A       |
|----------------------------------------------------------------------------------------------|---------------|---------|
| einseitig geschliffen / satin finish one side / brossé sur une seule face / un lato satinato |               |         |
| 687100                                                                                       | V2A; AISI 304 | 100 x 6 |
| 687105                                                                                       | V2A; AISI 304 | 100 x 8 |
| einseitig geschliffen / one side satin finish / brossé sur une seule face / un lato satinato |               |         |
| 688100                                                                                       | V4A; AISI 316 | 100 x 6 |
| 688105                                                                                       | V4A; AISI 316 | 100 x 8 |

**Rückseitig mit 2 gesenkten Bohrungen**  
counter sunk drillings on the backside / perçages fraisés sur la face arrière / 2 fori con svasatura sul lato posteriore



| #                                                                                            | Material      | Abmessungen |
|----------------------------------------------------------------------------------------------|---------------|-------------|
| einseitig geschliffen / one side satin finish / brossé sur une seule face / un lato satinato |               |             |
| CN8350560                                                                                    | V2A; AISI 304 | 120 x 10,0  |
| einseitig geschliffen / one side satin finish / brossé sur une seule face / un lato satinato |               |             |
| CN8350570                                                                                    | V4A; AISI 316 | 120 x 10,0  |

**Bohrlöcher Rückseitig gesenkt**  
drillings backwards countersunked / avec 2 trous de fixation de 11 mm / Fori svasati sul retro



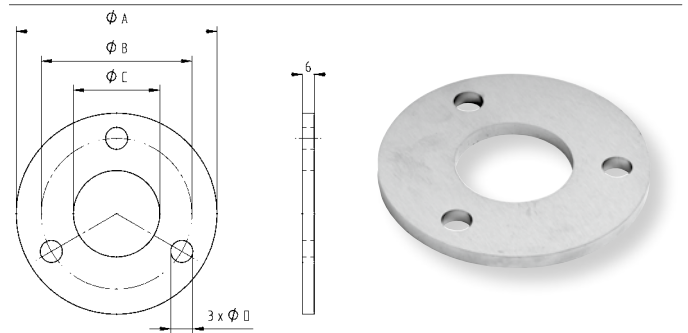
**mit Schutzfolie beschichtet**  
coated with protection foil / revêtue d'un film protecteur / rivestito con pellicola protettiva

| #                                                                                            | Material      | A   | B   | C    | D | E  |
|----------------------------------------------------------------------------------------------|---------------|-----|-----|------|---|----|
| einseitig geschliffen / satin finish one side / brossé sur une seule face / un lato satinato |               |     |     |      |   |    |
| 661005                                                                                       | V2A; AISI 304 | 70  | 50  | 10,5 | 6 | 9  |
| 661002                                                                                       | V2A; AISI 304 | 80  | 63  | 33,7 | 5 | 9  |
| 661003                                                                                       | V2A; AISI 304 | 80  | 63  | 42,5 | 5 | 9  |
| 661004                                                                                       | V2A; AISI 304 | 90  | 68  | 42,5 | 5 | 9  |
| CN8350405                                                                                    | V2A; AISI 304 | 100 | 78  | 34,0 | 6 | 11 |
| CN8350400                                                                                    | V2A; AISI 304 | 100 | 75  | 43,0 | 6 | 11 |
| 661006                                                                                       | V2A; AISI 304 | 100 | 75  | 34,0 | 6 | 11 |
| 661007                                                                                       | V2A; AISI 304 | 100 | 75  | 43,0 | 6 | 11 |
| CN8350410                                                                                    | V2A; AISI 304 | 120 | 98  | 43,0 | 6 | 11 |
| CN8350420                                                                                    | V2A; AISI 304 | 120 | 90  | 49,0 | 6 | 11 |
| 661008                                                                                       | V2A; AISI 304 | 120 | 98  | 49,0 | 6 | 11 |
| 661009                                                                                       | V2A; AISI 304 | 120 | 98  | 43,0 | 6 | 11 |
| CN8350430                                                                                    | V2A; AISI 304 | 140 | 94  | 49,0 | 6 | 11 |
| 661010                                                                                       | V2A; AISI 304 | 140 | 108 | 49,0 | 6 | 11 |
| CN8360300                                                                                    | V4A; AISI 316 | 100 | 78  | 34,0 | 6 | 11 |
| CN8360310                                                                                    | V4A; AISI 316 | 100 | 75  | 43,0 | 6 | 11 |

| #                                                                                            | Material      | A   | B   | C    | D  |
|----------------------------------------------------------------------------------------------|---------------|-----|-----|------|----|
| einseitig geschliffen / satin finish one side / brossé sur une seule face / un lato satinato |               |     |     |      |    |
| CN8350300                                                                                    | V2A; 1.4301   | 100 | 75  | 43,0 | 11 |
| CN8350310                                                                                    | V2A; 1.4301   | 120 | 98  | 43,0 | 11 |
| CN8350320                                                                                    | V2A; 1.4301   | 120 | 98  | 49,0 | 11 |
| 662005                                                                                       | V2A; AISI 304 | 70  | 50  | 10,5 | 9  |
| 662006                                                                                       | V2A; AISI 304 | 100 | 75  | 43,0 | 11 |
| 662007                                                                                       | V2A; AISI 304 | 120 | 98  | 49,0 | 11 |
| 662008                                                                                       | V2A; AISI 304 | 120 | 98  | 43,0 | 11 |
| 662009                                                                                       | V2A; AISI 304 | 140 | 108 | 49,0 | 11 |
| CN8360320                                                                                    | V4A; 1.4571   | 100 | 75  | 43,0 | 11 |
| CN8360410                                                                                    | V4A; 1.4571   | 120 | 98  | 43,0 | 11 |
| CN8360420                                                                                    | V4A; 1.4571   | 120 | 98  | 49,0 | 11 |
| CN8360520                                                                                    | V4A; 1.4571   | 140 | 118 | 49,0 | 11 |
| CN8360530                                                                                    | V4A; 1.4571   | 140 | 118 | 61,0 | 11 |

Materialstärke 6,0 mm, mit Schutzfolie beschichtet

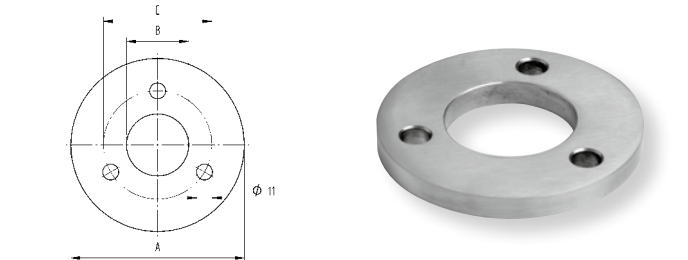
coated with protection foil / revêtu d'un film protecteur / rivestito con pellicola protettiva



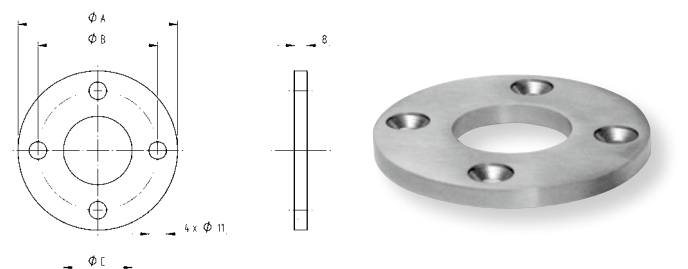
| #                                                                                            | Material      | A   | B      | C   |
|----------------------------------------------------------------------------------------------|---------------|-----|--------|-----|
| einseitig geschliffen / satin finish one side / brossé sur une seule face / un lato satinato |               |     |        |     |
| CN8350500                                                                                    | V2A; AISI 304 | 100 | Ø 43,0 | 75  |
| CN8350510                                                                                    | V2A; AISI 304 | 100 | Ø 49,0 | 75  |
| CN8350520                                                                                    | V2A; AISI 304 | 120 | Ø 43,0 | 98  |
| CN8350530                                                                                    | V2A; AISI 304 | 120 | Ø 49,0 | 98  |
| CN8350540                                                                                    | V2A; AISI 304 | 140 | Ø 49,0 | 108 |
| CN8350550                                                                                    | V2A; AISI 304 | 140 | Ø 60,5 | 108 |
| CN8350551                                                                                    | V2A; AISI 304 | 165 | Ø 76,3 | 133 |

Materialstärke 10,0 mm

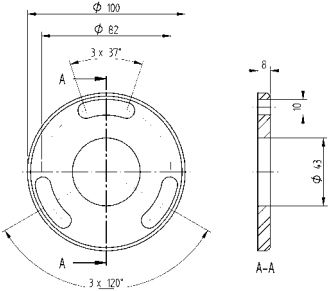
material thickness 10 mm / épaisseur de 10,0 mm / spessore: 10 mm



| #                                                                                            | Material      | A   | B  | C    |
|----------------------------------------------------------------------------------------------|---------------|-----|----|------|
| einseitig geschliffen / satin finish one side / brossé sur une seule face / un lato satinato |               |     |    |      |
| CN8340480                                                                                    | V4A; AISI 316 | 100 | 75 | 38,7 |
| CN8340490                                                                                    | V4A; AISI 316 | 100 | 75 | 43,0 |
| CN8340500                                                                                    | V4A; AISI 316 | 125 | 90 | 51,4 |



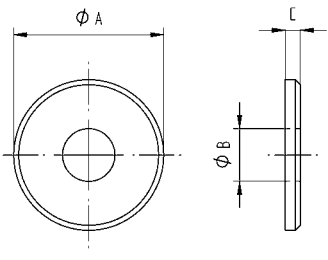


| #                                                                                            | Material      | A       |
|----------------------------------------------------------------------------------------------|---------------|---------|
| einseitig geschliffen / satin finish one side / brossé sur une seule face / un lato satinato |               |         |
| 670100                                                                                       | V2A; AISI 304 | 100 x 9 |

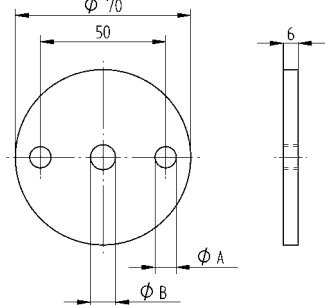
**Bodenplatte**  
discs / platines inox / dischi piatti

**mit 3 x Langloch 9 x 35 mm**  
long hole 9 x 35 mm / avec 3 trous oblongs de 9 x 35 mm / con 3 fori ad asola 9 x 35 mm

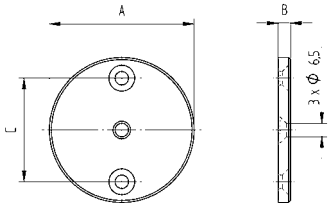
| #                                                                                            | Material      | Ø A | Ø B  | C |
|----------------------------------------------------------------------------------------------|---------------|-----|------|---|
| einseitig geschliffen / satin finish one side / brossé sur une seule face / un lato satinato |               |     |      |   |
| 692928                                                                                       | V2A; AISI 304 | 30  | 10,5 | 3 |
| 692929                                                                                       | V2A; AISI 304 | 30  | 12,5 | 3 |
| 692930                                                                                       | V2A; AISI 304 | 30  | 10,5 | 4 |
| 692931                                                                                       | V2A; AISI 304 | 30  | 12,5 | 4 |
| 692938                                                                                       | V2A; AISI 304 | 40  | 10,5 | 3 |
| 692939                                                                                       | V2A; AISI 304 | 40  | 12,5 | 3 |
| 692940                                                                                       | V2A; AISI 304 | 40  | 10,5 | 4 |
| 692941                                                                                       | V2A; AISI 304 | 40  | 12,5 | 4 |
| 692950                                                                                       | V2A; AISI 304 | 50  | 10,5 | 4 |
| 692955                                                                                       | V2A; AISI 304 | 50  | 12,5 | 4 |
| 692960                                                                                       | V2A; AISI 304 | 60  | 10,5 | 4 |
| 692965                                                                                       | V2A; AISI 304 | 60  | 12,5 | 4 |

**mit gefaster Kante**  
chamber bevel / chanfrein périphérique / con spigolo smussato

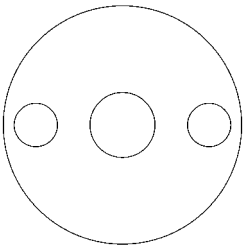
| #                                                                                           | Material      | Abmessungen | A     | B      |
|---------------------------------------------------------------------------------------------|---------------|-------------|-------|--------|
| einseitig geschliffen / satin finish one side/ brossé sur une seule face / un lato satinato |               |             |       |        |
| CN8350650                                                                                   | V2A; AISI 304 | 70 x 6      | Ø 8,5 | Ø 10,0 |
| CN8360210                                                                                   | V4A; AISI 316 | 70 x 6      | Ø 9,0 | Ø 10,5 |

**mit Schutzfolie beschichtet**  
coated with protection foil / revêtu d'un film protecteur / rivestito con pellicola protettiva

| #                                                                                            | Material      | A     | B    | C     |
|----------------------------------------------------------------------------------------------|---------------|-------|------|-------|
| einseitig geschliffen / satin finish one side / brossé sur une seule face / un lato satinato |               |       |      |       |
| 692705                                                                                       | V2A; AISI 304 | 50 mm | 5 mm | 32 mm |
| 692710                                                                                       | V2A; AISI 304 | 70 mm | 4 mm | 50 mm |
| 692720                                                                                       | V2A; AISI 304 | 70 mm | 6 mm | 50 mm |

**einzel im Polybeutel verpackt**  
individually packed / emballés séparément en sachet / imbustati singolarmente

| #                               | Material | A       | B    | D        |
|---------------------------------|----------|---------|------|----------|
| Stahl / steel / acier / acciaio |          |         |      |          |
| 76080                           | S235JRG2 | 80 x 5  | 42,5 | 2 x 8,5  |
| 76081                           | S235JRG2 | 90 x 5  | 42,5 | 2 x 8,5  |
| 76082                           | S235JRG2 | 70 x 6  | 10,5 | 2 x 9,0  |
| 76083                           | S235JRG2 | 100 x 6 | 34,0 | 2 x 11,0 |
| 76084                           | S235JRG2 | 100 x 6 | 43,0 | 2 x 11,0 |
| 76086                           | S235JRG2 | 120 x 6 | 43,0 | 2 x 11,0 |
| 76085                           | S235JRG2 | 120 x 6 | 49,0 | 2 x 11,0 |
| 76087                           | S235JRG2 | 140 x 6 | 49,0 | 2 x 11,0 |

| #                               | Material | Abmessungen | Bohrung Innen | Bohrung Außen |
|---------------------------------|----------|-------------|---------------|---------------|
| Stahl / steel / acier / acciaio |          |             |               |               |
| 76025                           | S235JRG2 | 70 x 6      | 12,5          | 11,0          |
| 76026                           | S235JRG2 | 70 x 6      | 12,5          | 8,5           |
| 76027                           | S235JRG2 | 80 x 6      | 12,5          | 11,0          |
| 76029                           | S235JRG2 | 100 x 6     | 12,5          | 11,0          |
| 76030                           | S235JRG2 | 100 x 8     | 12,5          | 11,0          |
| 76032                           | S235JRG2 | 120 x 6     | 12,5          | 11,0          |
| 76033                           | S235JRG2 | 120 x 8     | 12,5          | 11,0          |
| 76034                           | S235JRG2 | 120 x 8     | 12,5          | 14,0          |

| #                                                                                            | Material      | Abmessungen | A     | B      |
|----------------------------------------------------------------------------------------------|---------------|-------------|-------|--------|
| einseitig geschliffen / one side satin finish / brossé sur une seule face / un lato satinato |               |             |       |        |
| CN8350670                                                                                    | V2A; AISI 304 | 70 x 6      | Ø 8,5 | Ø 10,0 |
| CN8360220                                                                                    | V4A; AISI 316 | 70 x 6      | Ø 9,0 | Ø 10,5 |

mit Schutzfolie beschichtet

coated with protection foil / revêtu d'un film protecteur / rivestito con pellicola protettiva

| #                               | Material | A       | B    | D        |
|---------------------------------|----------|---------|------|----------|
| Stahl / steel / acier / acciaio |          |         |      |          |
| 76088                           | S235JRG2 | 70 x 6  | 10,5 | 3 x 9,0  |
| 76089                           | S235JRG2 | 100 x 6 | 43,0 | 3 x 11,0 |
| 76091                           | S235JRG2 | 120 x 6 | 43,0 | 3 x 11,0 |
| 76090                           | S235JRG2 | 120 x 6 | 49,0 | 3 x 11,0 |
| 76092                           | S235JRG2 | 140 x 6 | 49,0 | 3 x 11,0 |

Ronden

disc / platines acier / dischi piatti

| #                                                                                            | Material      | Abmessungen | Mittelbohrung | Außenbohrung |
|----------------------------------------------------------------------------------------------|---------------|-------------|---------------|--------------|
| einseitig geschliffen / satin finish one side / brossé sur une seule face / un lato satinato |               |             |               |              |
| 692800                                                                                       | V2A; AISI 304 | 70 x 5      | 10,5          | -            |

ballig

rounded / bombée / bombati

einzeln im Polybeutel verpackt

individually packed / emballés séparément en sachet / imbustati singolarmente

| #                                                                                            | Material      | Abmessungen | Mittelbohrung | Außenbohrung |
|----------------------------------------------------------------------------------------------|---------------|-------------|---------------|--------------|
| einseitig geschliffen / satin finish one side / brossé sur une seule face / un lato satinato |               |             |               |              |
| 692810                                                                                       | V2A; AISI 304 | 70 x 5      | 10,5          | 2 x 6,5      |

ballig

rounded / bombées / bombati

einzeln im Polybeutel verpackt

individually packed / emballés séparément en sachet / imbustati singolarmente

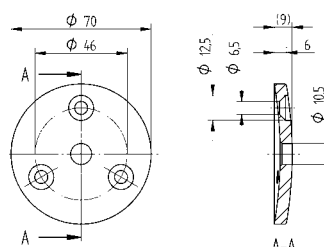
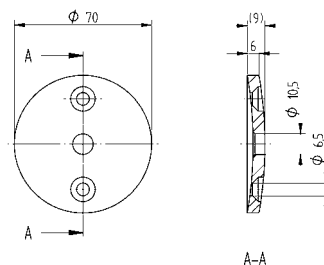
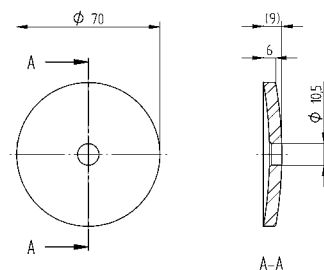
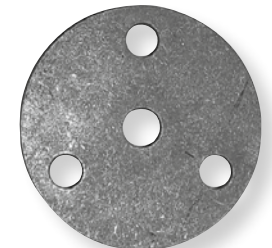
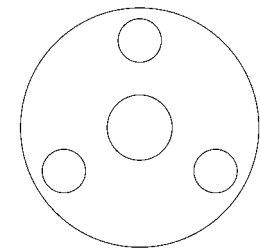
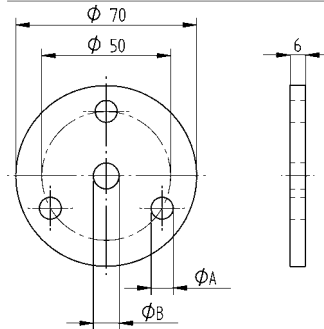
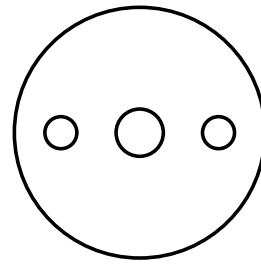
| #                                                                                            | Material      | Abmessungen | Mittelbohrung | Außenbohrung |
|----------------------------------------------------------------------------------------------|---------------|-------------|---------------|--------------|
| einseitig geschliffen / satin finish one side / brossé sur une seule face / un lato satinato |               |             |               |              |
| 692820                                                                                       | V2A; AISI 304 | 70 x 6      | 10,5          | 3 x 6,5      |

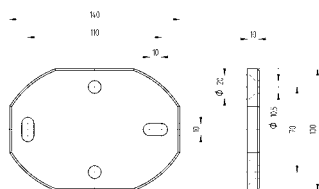
ballig

rounded / bombées / bombati

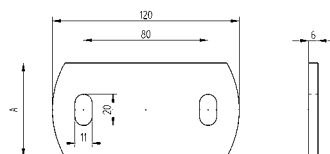
einzeln im Polybeutel verpackt

individually packed / emballés séparément en sachet / imbustati singolarmente

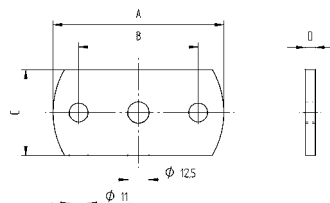




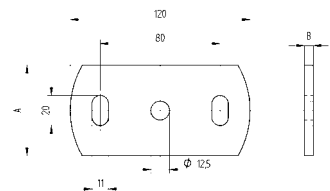
**Ankerplatten**  
anchor plate / platines inox carrées / piastre di ancoraggio



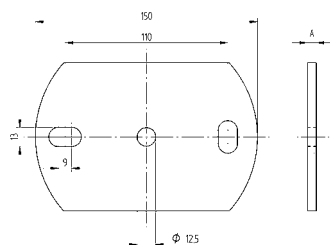
**Anschweißplatten**  
plate for welding / platine à souder / piastre da saldare



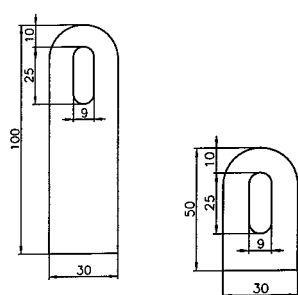
**Ankerplatten**  
plate / platines acier carrée / piastre di ancoraggio



**Ankerplatten**  
plate / platines acier carrée / piastre di ancoraggio



**Ankerplatten**  
plate / platines acier carrée / piastre di ancoraggio



**Anschweißblaschen**  
plate / platines acier à souder / piastre di ancoraggio  
**garantiert verzinkungsfähig, Ausführung Langloch**  
suitable for zinc coating, long hole / garanti apte à la galvanisation, trou oblong  
/ zincabile, foro ad asola

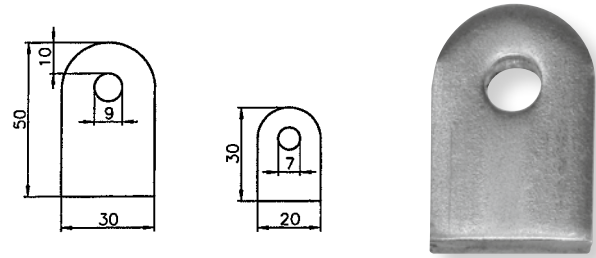
| #                               | Material | Abmessungen    |
|---------------------------------|----------|----------------|
| Stahl / steel / acier / acciaio |          |                |
| 76072                           | S235JRG2 | 50 x 30 x 6 mm |
| 76073                           | S235JRG2 | 30 x 20 x 5 mm |

**Anschweißblaschen**

plate / platines acier à souder / piastre di ancoraggio

**garantiert verzinkungsfähig, Ausführung Rundloch**

suitable for zinc coating, round hole / garanti apte à la galvanisation, trou rond / zincabile, foro tondo



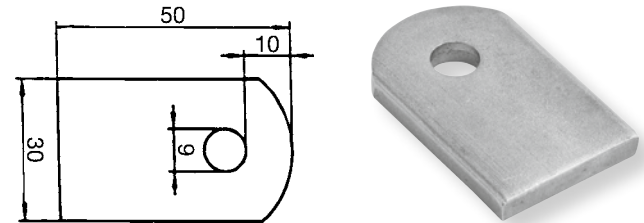
| #                                               | Material      | Abmessungen |
|-------------------------------------------------|---------------|-------------|
| ungeschliffen / raw / non brossé / non satinato |               |             |
| CN8360030                                       | V2A; AISI 304 | 50 x 30 x 6 |

**Ankerplatten / Anschweißblaschen**

anchor plate / platine à sceller / placas de anclaje, piastre da saldare

**Materialstärke 6 mm, Ausführung rundloch**

material thickness 6 mm, round hole / épaisseur de 6 mm, trou rond / Spessore 6 mm, foro tondo



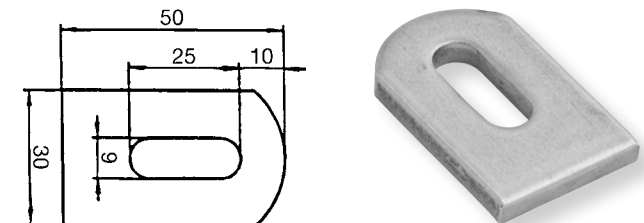
| #                                               | Material      | Abmessungen |
|-------------------------------------------------|---------------|-------------|
| ungeschliffen / raw / non brossé / non satinato |               |             |
| CN8360050                                       | V2A; AISI 304 | 50 x 30 x 6 |

**Ankerplatten / Anschweißblaschen**

anchor plate / platine à sceller / placas de anclaje, piastre da saldare

**Materialstärke 6 mm, Ausführung Langloch**

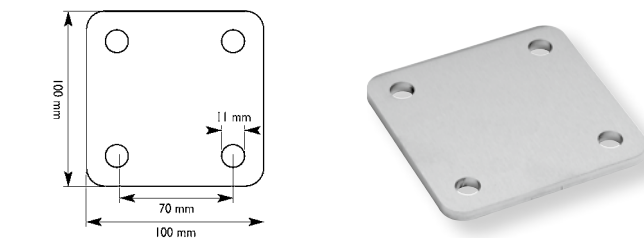
material thickness 6 mm, long hole / épaisseur de 6 mm, trous oblongs / spessore 6 mm, fori ovali



| #                                                                                            | Material      | Abmessungen   |
|----------------------------------------------------------------------------------------------|---------------|---------------|
| einseitig geschliffen / satin finish one side / brossé sur une seule face / un lato satinato |               |               |
| CN8350900                                                                                    | V2A; AISI 304 | 100 x 100 x 6 |
| CN8350910                                                                                    | V2A; AISI 304 | 100 x 100 x 8 |

**Ankerplatten**

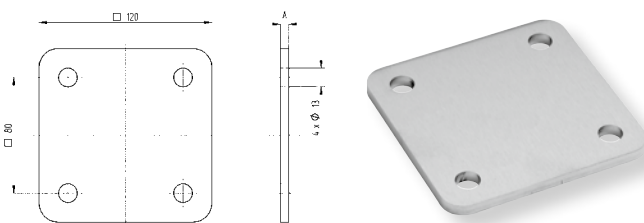
anchor plate / platines inox carrées / piastre di ancoraggio



| #                                                                                        | Material      | Abmessung | A |
|------------------------------------------------------------------------------------------|---------------|-----------|---|
| einseitig geschliffen / one side one side / brossé sur une seule face / un lato satinato |               |           |   |
| CN8350950                                                                                | V2A; AISI 304 | 120 x 120 | 6 |
| CN8350960                                                                                | V2A; AISI 304 | 120 x 120 | 8 |
| CN8350970                                                                                | V4A; AISI 316 | 120 x 120 | 6 |
| CN8350980                                                                                | V4A; AISI 316 | 120 x 120 | 8 |

**Ankerplatten**

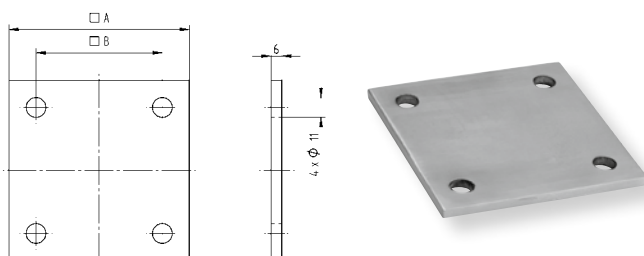
anchor plate / platines inox carrées / piastre di ancoraggio

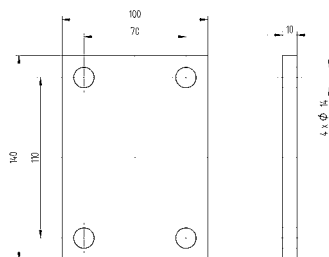


| #                                                                                            | Material      | A   | B  |
|----------------------------------------------------------------------------------------------|---------------|-----|----|
| einseitig geschliffen / satin finish one side / brossé sur une seule face / un lato satinato |               |     |    |
| 640100                                                                                       | V2A; AISI 304 | 100 | 70 |
| 640120                                                                                       | V2A; AISI 304 | 120 | 78 |

**Platten**

plate / platines inox carrées / piastra di ancoraggio

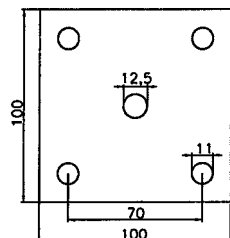
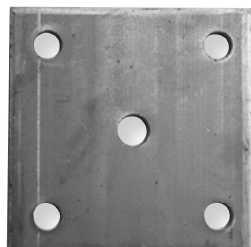




## # Material

einseitig geschliffen / satin finish one side / brossé sur une seule face / un lato satinato

640140 V2A; AISI 304 140 x 100 x 10



## # Material

## Abmessungen

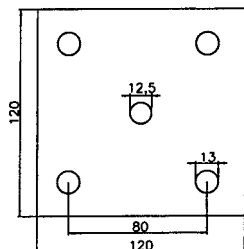
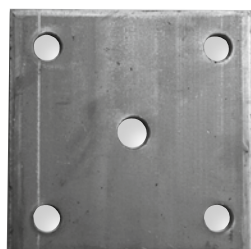
Stahl / steel / acier / acciaio

76050 S235JRG2 100 x 100 x 6

76051 S235JRG2 100 x 100 x 8

## Ankerplatten

plate / platines acier carrées / piastre di ancoraggio



## # Material

## Abmessungen

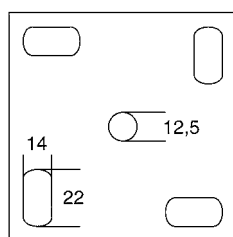
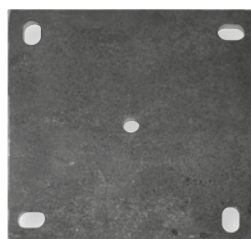
Stahl / steel / acier / acciaio

76052 S235JRG2 120 x 120 x 6

76053 S235JRG2 120 x 120 x 8

## Ankerplatten

plate / platines acier carrées / piastre di ancoraggio



## # Material

## Abmessungen

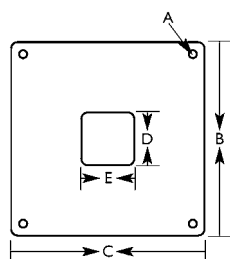
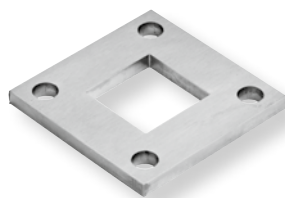
Stahl / steel / acier / acciaio

76054 S235JRG2 150 x 150 x 10

76055 S235JRG2 200 x 200 x 10

## Ankerplatten

plate / platines acier carrées / piastre di ancoraggio



## # Material

## A B C D E

einseitig geschliffen / satin finish one side / brossé sur une seule face / un lato satinato

CN8350800 V2A; AISI 304 9,0 68 68 25,5 25,5

CN8350810 V2A; AISI 304 9,0 68 68 30,5 30,5

CN8350820 V2A; AISI 304 9,0 98 98 40,5 40,5

CN8350830 V2A; AISI 304 9,0 118 118 60,5 60,5

CN8350840 V2A; AISI 304 11,0 140 140 80,5 80,5

## Materialstärke 6 mm

material thickness 6 mm / épaisseur de 6 mm / spessore 6 mm

## # Material

## A B C D E

einseitig geschliffen / satin finish one side / brossé sur une seule face / un lato satinato

CN8350850 V2A; AISI 304 9,0 58 68 20,5 30,5

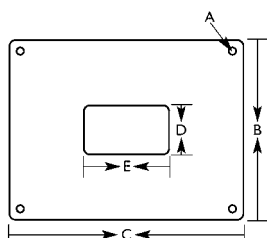
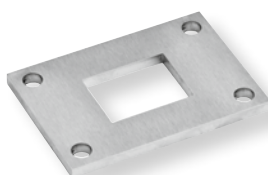
CN8350860 V2A; AISI 304 9,0 58 68 20,5 40,5

CN8350870 V2A; AISI 304 9,0 68 98 30,5 40,5

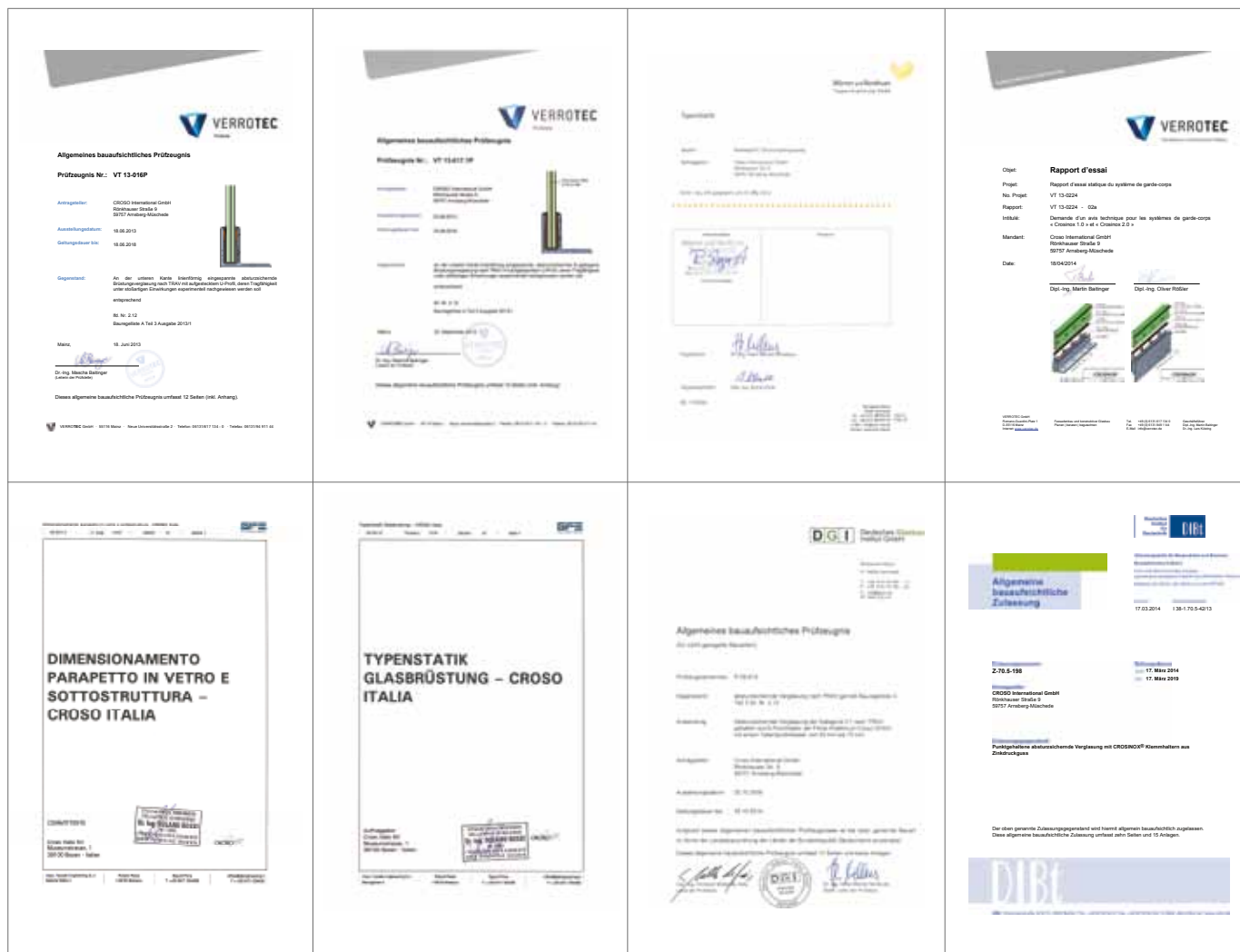
CN8350880 V2A; AISI 304 9,0 98 118 40,5 60,5

## Edelstahlplatten, Materialstärke 6 mm

stainless plates, material thickness 6 mm / platines inox rectangulaires, épaisseur de 6 mm / piastre di ancoraggio, spessore 6 mm







# Zerifikate

## Certificates / Certificats / Certificati







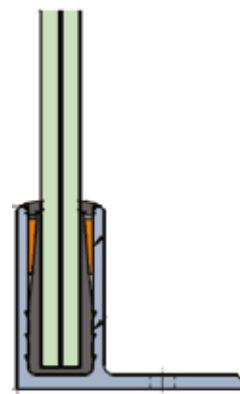
## Allgemeines bauaufsichtliches Prüfzeugnis

**Prüfzeugnis Nr.: VT 13-016P**

**Antragsteller:** CROSO International GmbH  
Rönkhauser Straße 9  
59757 Arnsberg-Müschede

**Ausstellungsdatum:** 18.06.2013

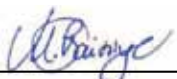
**Geltungsdauer bis:** 18.06.2018



**Gegenstand:** An der unteren Kante linienförmig eingespannte absturzsichernde Brüstungsverglasung nach TRAV mit aufgestecktem U-Profil, deren Tragfähigkeit unter stoßartigen Einwirkungen experimentell nachgewiesen werden soll  
entsprechend

lfd. Nr. 2.12  
Bauregelliste A Teil 3 Ausgabe 2013/1

Mainz, 18. Juni 2013

  
\_\_\_\_\_  
Dr.-Ing. Mascha Baitinger  
(Leiterin der Prüfstelle)



Dieses allgemeine bauaufsichtliche Prüfzeugnis umfasst 12 Seiten (inkl. Anhang).



**VERROTEC**

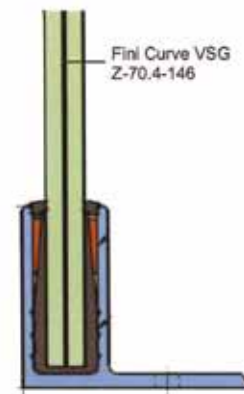
Prüfstelle

**Allgemeines bauaufsichtliches Prüfzeugnis****Prüfzeugnis Nr.: VT 13-017.1P**

**Antragsteller:** CROSO International GmbH  
Rönkhauser Straße 9  
59757 Arnsberg-Müschede

**Ausstellungsdatum:** 23.09.2013

**Geltungsdauer bis:** 23.09.2018



**Gegenstand:** An der unteren Kante linienförmig eingespannte, absturzsichernde & gebogene Brüstungsverglasung nach TRAV mit aufgestecktem U-Profil, deren Tragfähigkeit unter stoßartigen Einwirkungen experimentell nachgewiesen werden soll

entsprechend

Ifd. Nr. 2.12

Bauregelliste A Teil 3 Ausgabe 2013/1

Mainz,

23. September 2013

  
Dr.-Ing. Mascha Baitinger  
(Leiterin der Prüfstelle)



Dieses allgemeine bauaufsichtliche Prüfzeugnis umfasst 12 Seiten (inkl. Anhang).





Wörner und Nordhues  
Tragwerksplanung GmbH

## Typenstatik

Bauteil: Bodenprofil / Brüstungsverglasung

Auftraggeber: Croso International GmbH  
Rönkhäuser Str. 9  
59757 Arnsberg-Müschede

Seite 1 bis 234 aufgestellt am 07. Mai 2012



|                                                                                                                                                                                                                         |                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| <p>Prüfvermerk Aufsteller</p> <p>Wörner und Nordhues<br/>Tragwerksplanung GmbH<br/>Butzbacher Weg 6<br/>64289 Darmstadt<br/>Tel.: (+49 61 51) 77 02-0<br/>Fax: (+49 61 51) 77 02-26</p> <p>Prüfvermerk Auftraggeber</p> | <p>Prüfingenieur</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|

Projektleiter:

Dr.-Ing. Hans-Werner Nordhues

Projektbearbeiter:

Dipl.-Ing. Astrid Kluth

AZ: 11G005a

Butzbacher Weg 6  
64289 Darmstadt  
Tel.: +49 6151 98 777-73 7702-0  
Fax: +49 6151 98 777-74 7702-26  
E-Mail: info@wun-twp.de  
Internet: www.wun-twp.de

PLANEN | BERATEN | BEGUTACHTEN

**VERROTEC**

Fassadenbau und konstruktiver Glasbau

Objet: **Rapport d'essai**

Projet: Rapport d'essai statique du système de garde-corps

No. Projet: VT 13-0224

Rapport: VT 13-0224 - 02a

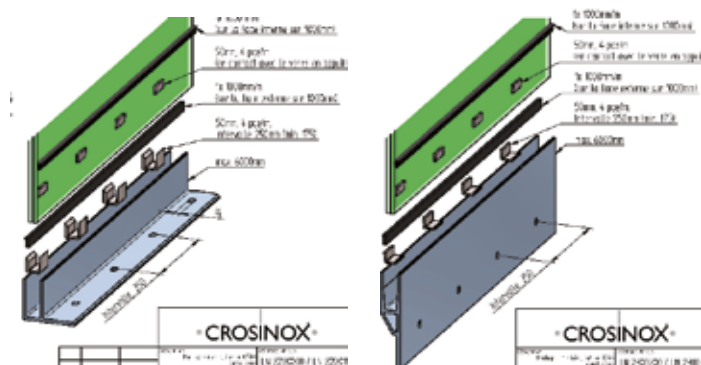
Intitulé: Demande d'un avis technique pour les systèmes de garde-corps  
« Crosinox 1.0 » et « Crosinox 2.0 »

Mandant: Croso International GmbH  
Rönkhauser Straße 9  
59757 Arnsberg-Müschede

Date: 18/04/2014

Dipl.-Ing. Martin Baitinger

Dipl.-Ing. Oliver Rößler



VERROTEC GmbH  
Romano-Guardini-Platz 1  
D-55116 Mainz  
Internet: [www.verrotec.de](http://www.verrotec.de)

Fassadenbau und konstruktiver Glasbau  
Planen | beraten | begutachten

Tel. +49 (0) 6131.617 134 0  
Fax +49 (0) 6131.949 1144  
E-Mail [info@verrotec.de](mailto:info@verrotec.de)

Geschäftsführer  
Dipl.-Ing. Martin Baitinger  
Dr.-Ing. Lars Kützing

Dimensionamento parapetto in vetro e sottostruttura - CROSO Italia

03.04.13 | nr. prog. 1316 | redatto bf | pagina 1



# DIMENSIONAMENTO PARAPETTO IN VETRO E SOTTOSTRUTTURA – CROSO ITALIA

COMMITTENTE

Croso Italia Srl  
Museumstrasse, 1  
39100 Bozen - Italien



Glass Facade Engineering S.r.l  
Galleria Stella 4

Roland Rossi  
I-39100 Bolzano

Sigurd Flora  
T ++39 0471 054499

office@gfengineering.it  
F ++39 0471 054498

Typenstatik Glasbrüstung – CROSO Italia

03.04.13

Projektnr. 1316

Zeichen bf

Seite 1



# TYPENSTATIK GLASBRÜSTUNG – CROSO ITALIA

Auftraggeber  
Croso Italia Srl  
Museumstrasse, 1  
39100 Bozen - Italien



Glass Facade Engineering S.r.l  
Stern galerie 4

Roland Rossi  
I-39100 Bolzano

Sigurd Flora  
T ++39 0471 054499

office@gfengineering.it  
F ++39 0471 054498





Deutsches **Glasbau**  
Institut GmbH

Butzbacher Weg 6  
D - 64289 Darmstadt

T: +49 6151 97199 - 0  
F: +49 6151 97199 - 20  
E: [info@d-g-i.eu](mailto:info@d-g-i.eu)  
W: [www.d-g-i.eu](http://www.d-g-i.eu)

## Allgemeines bauaufsichtliches Prüfzeugnis

(für nicht geregelte Bauarten)

Prüfzeugnisnummer: P-09-819

Gegenstand: absturzsichernde Verglasung nach TRAV gemäß Bauregelliste A  
Teil 3 lfd. Nr. 2.12

Anwendung: Absturzsichernde Verglasung der Kategorie C1 nach TRAV,  
gehalten durch Punkthalter der Firma Arteferrum Croso GmbH  
mit einem Tellerdurchmesser von 30 mm bis 70 mm

Antragsteller: Croso International GmbH  
Rönkhauser Str. 9  
59757 Arnsberg-Müschede

Ausstellungsdatum: 20.10.2009

Geltungsdauer bis: 20.10.2014

Aufgrund dieses allgemeinen bauaufsichtlichen Prüfzeugnisses ist die oben genannte Bauart  
im Sinne der Landesbauordnung der Länder der Bundesrepublik Deutschland verwendbar.

Dieses allgemeine bauaufsichtliche Prüfzeugnis umfasst 13 Seiten und keine Anlagen.

  
Dipl.-Ing. Christoph Müller de Vries  
Leiter der Prüfstelle



  
Dr.-Ing. Hans-Werner Nordhues  
Stellv. Leiter der Prüfstelle

## Allgemeine bauaufsichtliche Zulassung

Deutsches  
Institut  
für  
Bautechnik

DIBt

Zulassungsstelle für Bauprodukte und Bauarten

Bautechnisches Prüfam

Eine vom Bund und den Ländern  
gemeinsam getragene Anstalt des öffentlichen Rechts

Mitglied der EOTA, der UEAtc und der WFTAO

Datum:

17.03.2014

Geschäftszeichen:

I 38-1.70.5-42/13

**Zulassungsnummer:**

**Z-70.5-198**

**Geltungsdauer**

vom: 17. März 2014

bis: 17. März 2019

**Antragsteller:**

**CROSO International GmbH**

Rönkhauser Straße 9

59757 Arnsberg-Müschede

**Zulassungsgegenstand:**

**Punktgehaltene absturzsichernde Verglasung mit CROSINOX® Klemmhaltern aus  
Zinkdruckguss**

Der oben genannte Zulassungsgegenstand wird hiermit allgemein bauaufsichtlich zugelassen.  
Diese allgemeine bauaufsichtliche Zulassung umfasst zehn Seiten und 15 Anlagen.

DIBt

|                                                                                                                                                                                                    |  |                                                                                                                                                                                                                            |                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
|                                                                                                                                                                                                    |  |                                                                                                                                                                                                                            |                                               |
|                                                                                                                                                                                                    |  | <b>Zulassungsstelle für Bauprodukte und Bauarten</b><br><b>Bautechnisches Prüfam</b><br>Eine vom Bund und den Ländern<br>gemeinsam getragene Anstalt des öffentlichen Rechts<br>Mitglied der EOTA, der UEAtc und der WFTAO |                                               |
| <b>Allgemeine<br/>bauaufsichtliche<br/>Zulassung</b>                                                                                                                                               |  | <b>Datum:</b><br>06.03.2014                                                                                                                                                                                                | <b>Geschäftszeichen:</b><br>I 38-1.70.5-33/08 |
| <b>Zulassungsnummer:</b><br><b>Z-70.5-193</b>                                                                                                                                                      |  | <b>Geltungsdauer</b><br>vom: <b>6. März 2014</b><br>bis: <b>6. März 2019</b>                                                                                                                                               |                                               |
| <b>Antragsteller:</b><br><b>CROSO International GmbH</b><br>Rönkhauser Straße 9<br>59757 Arnsberg-Müschede                                                                                         |  |                                                                                                                                                                                                                            |                                               |
| <b>Zulassungsgegenstand:</b><br><b>punktgehaltene absturzsichernde Verglasung mit CROSINOX® Klemmhaltern aus<br/>nichtrostendem Stahl</b>                                                          |  |                                                                                                                                                                                                                            |                                               |
| <p>Der oben genannte Zulassungsgegenstand wird hiermit allgemein bauaufsichtlich zugelassen.<br/>Diese allgemeine bauaufsichtliche Zulassung umfasst neun Seiten und 23 Anlagen.</p>               |  |                                                                                                                                                                                                                            |                                               |
|                                                                                                                                                                                                    |  |                                                                                                                                                                                                                            |                                               |
| DIBt   Kolonnenstraße 30 B   D-10829 Berlin   Tel.: +49 30 78730-0   Fax: +49 30 78730-320   E-Mail: <a href="mailto:dibt@dibt.de">dibt@dibt.de</a>   <a href="http://www.dibt.de">www.dibt.de</a> |  |                                                                                                                                                                                                                            |                                               |



Regierungspräsidium  
Leipzig

Landesstelle für Bautechnik

Regierungspräsidium Leipzig  
Landesstelle für Bautechnik

Postfach 10 13 64, 04013 Leipzig  
Dienstgebäude: Braustraße 2, 04107 Leipzig

Telefon: (0341) 977 5550  
Telefax: (0341) 977 5599  
AZ.: 55-2625.10

### Bescheid

#### über die baustatischen Typenprüfung

|                           |                                                                                                              |
|---------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Bescheid Nr.:</b>      | <b>L 07 – 19</b>                                                                                             |
| <b>vom:</b>               | <b>22.05.2007</b>                                                                                            |
| <b>Gegenstand:</b>        | <b>Klemmhalter für Geländerausfachungen</b>                                                                  |
| <b>Antragsteller:</b>     | <b>Arteferrum Croso GmbH<br/>Rönkhauser Straße 9<br/>59757 Arnsberg</b>                                      |
| <b>Tragwerksplaner:</b>   | <b>Wörner und Nordhues<br/>Glasbau-Ingenieurgesellschaft mbH<br/>Alsfelder Straße 11<br/>64289 Darmstadt</b> |
| <b>Geltungsdauer bis:</b> | <b>31. 03. 2009</b>                                                                                          |

Dieser Bescheid umfasst 4 Seiten.



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**Landesdirektion Leipzig**  
**LANDESSTELLE FÜR BAUTECHNIK**

Landesdirektion Leipzig  
 Landesstelle für Bautechnik  
 Dienstgebäude: Braustraße 2, 04107 Leipzig

Telefon: (0341) 977 3920  
 Telefax: (0341) 977 3999

### Bescheid

**über die Verlängerung des Bescheides Nr. L 07 – 19  
 zur baustatischen Typenprüfung  
 vom 22.05.2007**

**Bescheid Nr.:** L09 - 19

**Datum:** 18.03.2009

**Gegenstand:** Klemmhalter für Geländerausfachungen

**Antragsteller:** Arteferrum Croso GmbH  
 Rönkhauser Straße 9  
 59757 Arnsberg

**Tragwerksplaner:** Wörner und Nordhues  
 Glasbau-Ingenieurgesellschaft mbH  
 Alsfelder Straße 11  
 64289 Darmstadt

**Geltungsdauer bis:** 31. 03. 2014

**Verlängerung beantragt**

Hiermit wird die Geltungsdauer des Bescheides zur baustatischen Typenprüfung Nr. L07-19 vom 22.05.2007 um 5 Jahre verlängert.

Dieser Bescheid umfasst eine Seite. Er gilt nur in Verbindung mit dem o. g. Typenprüfbescheid und darf nur zusammen mit diesem verwendet werden. Wird der Typenbescheid ergänzt oder zurückgezogen, so gilt dies auch für diesen Bescheid.

Leiter

  
 Dr.-Ing. Mehl



Bearbeiter

  
 Christian Kutzer

