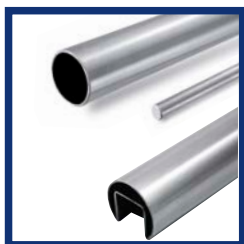


Edelstahl & Glastechnik

Stainless Steel & Glass Systems

Rohre & Zubehör
Pipes & accessories



3 – 9

Handlauf in Holzoptik
Handrails in wood look



10

Handlaufzubehör & Endkappen
Handrail accessories & end caps



11 – 15

Handlaufträger
Handrail support



16 – 24

LED-Handlauf
LED Handrail



25 – 34

Steckverbinder
Connectors



35 – 40

Traversenhalter
Crossbar brackets



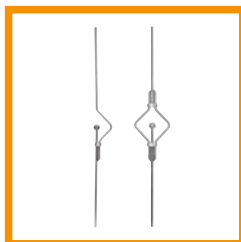
41 – 45

Kugeln
Balls



46

Zierstäbe
Decorative bars



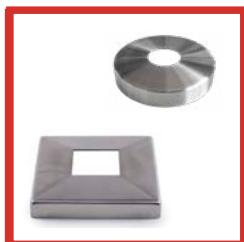
47 – 48

Ronden & Ankerplatten
Rounds & anchor plates



49 – 55

Abdeckrosetten
Cover flange



56

Edelstahlpfosten
Stainless steel posts



57 – 64

Architekturseile
Architectural ropes



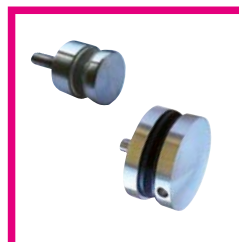
65 – 74

Glasklemmen
Glass clamps



75 – 83

Punkthalter
point holder



84

Bodenglassklemme
Base glass clamp



85

Easy Hold
Easy hold



86 – 89

Ganzglasgeländer & Zubehör
Frameless glass railings & accessories



91 – 102

Vordächer
Canopies



103 – 120

Punkthalter
point holder

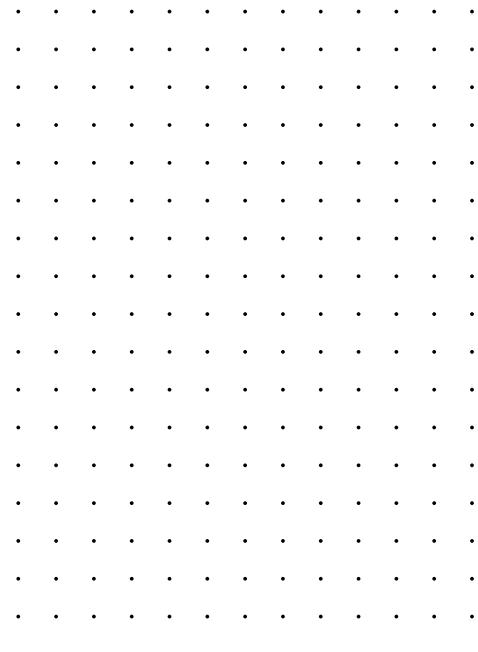


121 – 124

Rohre & Zubehör

Pipes & accessories

- | Rundrohre
- | Vollmaterial
- | Gebohrte Rohre
- | Nutrohre rund /eckig
- | *Round tubes*
- | *Solid Bars*
- | *Drilled pipes*
- | *Round and square channel tubes*





AISI304/V2A



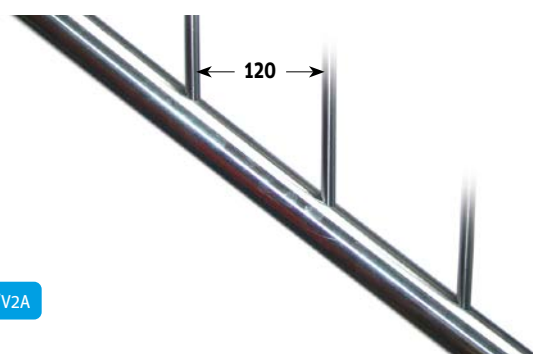
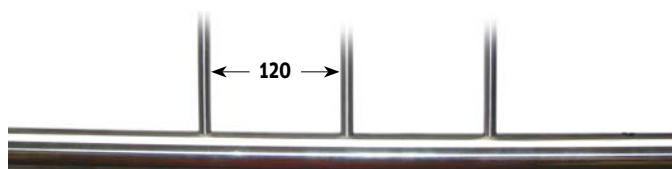
AISI304/V2A

Edelstahlrohre geschliffen Korn 320 | Polished stainless steel pipes, grain 320
HF geschweißt | HF welded

Geschliffen | Ground

Art. Nr.	Abmessung / Dimension
71 207	Ø 33,7 x 2,0 x 3000 mm
71 208	Ø 33,7 x 2,0 x 6000 mm
71 307-1	Ø 42,4 x 2,0 x 3000 mm
71 308	Ø 42,4 x 2,0 x 6000 mm
71 105	Ø 48,3 x 2,0 x 3000 mm
71 106	Ø 48,3 x 2,0 x 6000 mm

Art. Nr.	Abmessung / Dimension
72 061	Ø 10 x 3000 mm
72 059	Ø 10 x 6000 mm
72 063	Ø 12 x 3000 mm
72 068	Ø 12 x 6000 mm



AISI304/V2A

Rohre einseitig | Pipes on one side

AISI304/V2A

Art. Nr.	Abmessung / Dimension	Bohrung / Drilling	Winkel / Angle
79 211-1	33,7 x 2,0 x 3000 mm	12 mm	90°
79 221	42,4 x 2,0 x 3000 mm	12 mm	90°

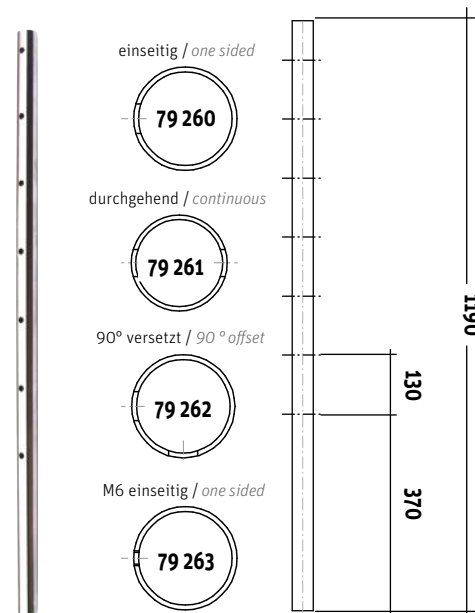
Art. Nr.	Abmessung / Dimension	Bohrung / Drilling	Winkel / Angle
79 212	33,7 x 2,0 x 3000 mm	12 mm	28 - 32°
79 222	42,4 x 2,0 x 3000 mm	12 mm	28 - 32°

VA-Pfostenrohr vorgebohrt VA post tube pre-drilled

geschliffen | sanded
Korn 320 | Grain 320

AISI304/V2A

Art. Nr.	Abmessung / Dimension	Bohrung / Drilling	Ausführung / Execution	Höhe / Height
79 260	Ø 42,4 x 2,0 mm	7 x 12 mm	einseitig / one sided	1190 mm
79 261	Ø 42,4 x 2,0 mm	7 x 12 mm	durchgehend / continuous	1190 mm
79 262	Ø 42,4 x 2,0 mm	7 x 12 mm	90° versetzt / 90° offset	1190 mm
79 263	Ø 42,4 x 2,0 mm	7 x M6 mm	einseitig / one sided	1190 mm



Biegerohr Bending tube



AISI304/V2A

Geschliffen	<i>Ground</i>
Korn 320	<i>Grain 320</i>
Nach dem Biegen nicht nachgeschliffen	<i>Not reground after bending</i>

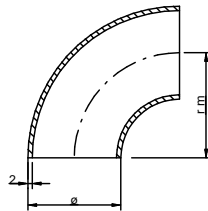
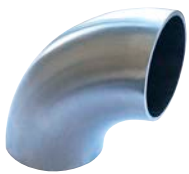
Art. Nr.	Rohr / Pipe	Winkel / Angle	Radius (rm) / Radius (rm)
71 211	33,7 x 2,0 mm	30°	rm 70
71 212	33,7 x 2,0 mm	60°	rm 70
71 213	33,7 x 2,0 mm	90°	rm 70
71 216	33,7 x 2,0 mm	120°	rm 70
71 215	33,7 x 2,0 mm	180°	rm 70



AISI304/V2A

Geschliffen	<i>Ground</i>
Korn 320	<i>Grain 320</i>
Nach dem Biegen nicht nachgeschliffen	<i>Not reground after bending</i>

Art. Nr.	Rohr / Pipe	Winkel / Angle	Radius (rm) / Radius (rm)
71 311	42,4 x 2,0 mm	30°	rm 100
71 312	42,4 x 2,0 mm	60°	rm 100
71 313	42,4 x 2,0 mm	90°	rm 100
71 316	42,4 x 2,0 mm	120°	rm 100
71 315	42,4 x 2,0 mm	180°	rm 100



AISI304/V2A

Anschweißbogen	<i>Weld-on elbow</i>
Geschliffen	<i>Sanded</i>

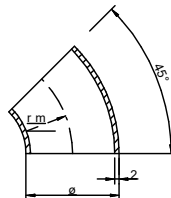
Art. Nr.	Rohr / Pipe	Winkel / Angle	Radius (rm) / radius (rm)
71 217	Ø 33,7 x 2,0 mm	90°	rm 38
71 317	Ø 42,4 x 2,0 mm	90°	rm 48
71 417	Ø 48,4 x 2,0 mm	90°	rm 57



AISI304/V2A

Geschliffen	<i>Ground</i>
Korn 320	<i>Grain 320</i>
Nach dem Biegen nicht nachgeschliffen	<i>Not reground after bending</i>

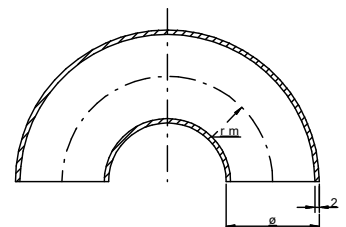
Art. Nr.	Rohr / Pipe	Winkel / Angle	Radius (rm) / radius (rm)
71 413	48,3 x 2,6 mm	90°	rm 97
71 415	48,3 x 2,6 mm	180°	rm 97



AISI304/V2A

Anschweißbogen	<i>Weld-on elbow</i>
Geschliffen	<i>Sanded</i>

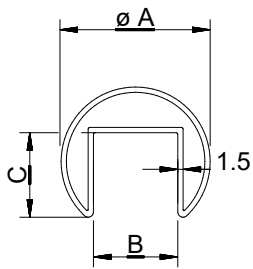
Art. Nr.	Rohr / Pipe	Winkel / Angle	Radius (rm) / radius (rm)
71 231	Ø 33,7 x 2,0 mm	45°	rm 38
71 232	Ø 42,4 x 2,0 mm	45°	rm 48



AISI304/V2A

Anschweißbogen	<i>Weld-on elbow</i>
Geschliffen	<i>Sanded</i>

Art. Nr.	Rohr / Pipe	Winkel / Angle	Radius (rm) / radius (rm)
71 221	Ø 33,7 x 2,0 mm	180°	rm 38
71 222	Ø 42,4 x 2,0 mm	180°	rm 48

Nutrohr
Grooved tube


AISI304/V2A

Art. Nr.	für Rohr A / Tube A	B	C
77 800-2	Ø 42,4 x 1,5 x 5000 mm	24 mm	24 mm
77 802-1	Ø 48,3 x 1,5 x 3000 mm	26 mm	30 mm
77 803	Ø 48,3 x 1,5 x 6000 mm	26 mm	30 mm

Gummiprofil
Rubber


INFO

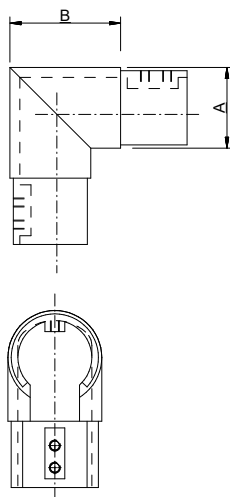
 Für Nutrohr
 Stück & Meterware

 For grooved tube
 Piece & metre ware

Art. Nr.	Ø	L	Glästärke / Glass
» 72 030	Ø 42,4 mm	5 m	11,5 - 13,5 mm
» 72 031	Ø 42,4 mm	5 m	16,0 - 17,5 mm
» 72 032	Ø 42,4 mm	5 m	20,76 - 21,52 mm
E1999400	Ø 48,3 mm	mtr.	8,0 - 12,76 mm
E1999500	Ø 48,3 mm	mtr.	13,0 - 17,52 mm
E1999650	Ø 48,3 mm	mtr.	18,0 - 21,52 mm

90° Verbinder Vertikal
90° Connector vertical

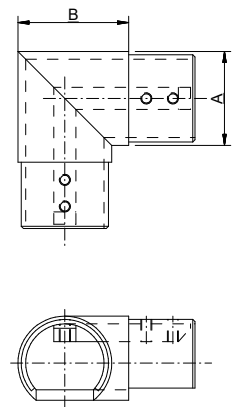

AISI304/V2A



Art. Nr.	für Rohr A / Tube A	B
77 880	Ø 42,4 x 1,5 mm	51 mm

90° Horizontal
90° Horizontal

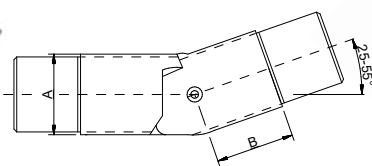

AISI304/V2A



Art. Nr.	für Rohr A / Tube A	B
77 882	Ø 42,4 x 1,5 mm	51 mm
77 883	Ø 48,3 x 1,5 mm	54 mm



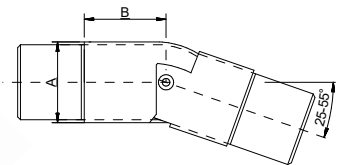
AISI304/V2A



Art. Nr.	für Rohr A / Tube A
77 940	Ø 42,4 x 1,5 mm



AISI304/V2A

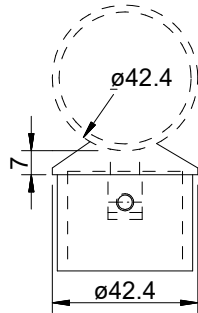


Art. Nr.	für Rohr A / Tube A
77 942	Ø 42,4 x 1,5 mm

Sattellelement Saddle element



AISI304/V2A

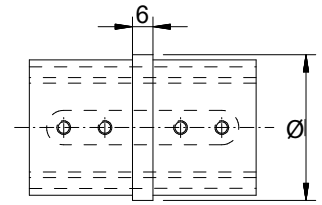


Art. Nr.	für Rohr / Tube
77 944	$\varnothing 42,4 \times 1,5$ mm

Verbinder 180° Connector 180°



AISI304/V2A

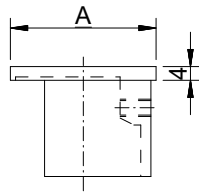


Art. Nr.	für Rohr / Tube
77 884	$\varnothing 42,4 \times 1,5$ mm
77 885	$\varnothing 48,3 \times 1,5$ mm

Endkappe Endcap



AISI304/V2A

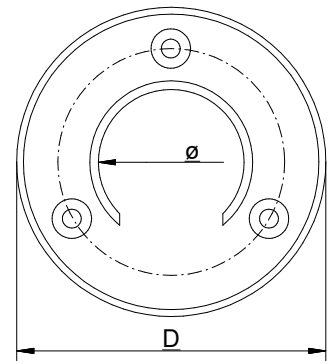


Art. Nr.	für Rohr / Tube
77 886	$\varnothing 42,4 \times 1,5$ mm
77 887	$\varnothing 48,3 \times 1,5$ mm

Wandplatte Wall plate

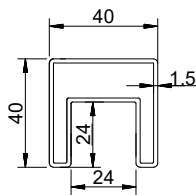


AISI304/V2A



Art. Nr.	für Rohr / Tube	D
77 878	$\varnothing 42,4$ mm	$\varnothing 90$ mm
77 947-1	$\varnothing 48,3$ mm	$\varnothing 100$ mm

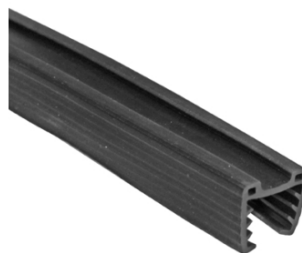


CUBE-Profil
CUBE-profile


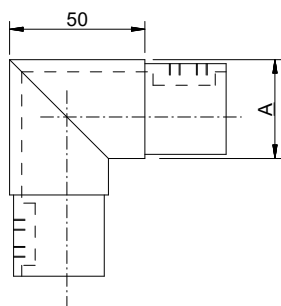
AISI304/V2A

Nutrohr	Grooved tube
Nut 24 x 24 mm	Groove 24 x 24 mm
Korn 320	Grain 320

Art. Nr.	Länge / Length
72 044	5 m

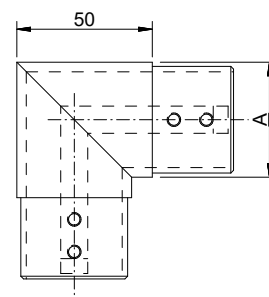
Gummiprofil
Rubber gasket


Art. Nr.	Glasdicke / Glass	Länge / Length
72 030	11,5 mm - 13,5 mm	5,0 m
72 031	16,0 mm - 17,5 mm	5,0 m
72 032	20,76 mm - 21,52 mm	5,0 m

90° Verbinder Vertikal
90° connector vertical


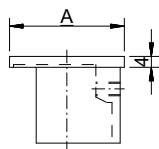
AISI304/V2A

Art. Nr.	Rohr / Tube A
72 035	40 x 40 x 1,5 mm

90° Verbinder Horizontal
90° connector horizontal


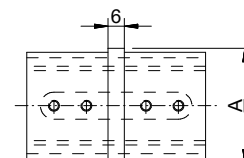
AISI304/V2A

Art. Nr.	Rohr / Tube A
72 036	40 x 40 x 1,5 mm

Endkappe
Endcap


AISI304/V2A

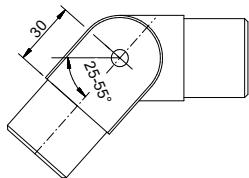
Art. Nr.	Rohr / Tube A
72 033	40 x 40 x 1,5 mm

180° Verbinder
180° connector


AISI304/V2A

Art. Nr.	Rohr / Tube A
72 034	40 x 40 x 1,5 mm

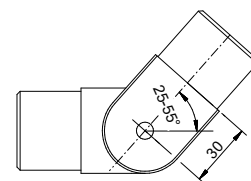
V2A-Handlauf Übergangsstück down 25-55° V2A Handrail transition piece down 25-55°



AISI304/V2A

Art. Nr.	Rohr / Tube A
72 037	40 x 40 x 1,5 mm

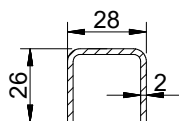
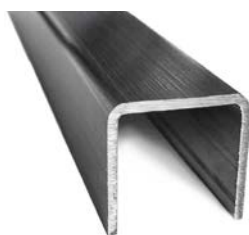
V2A-Handlauf Übergangsstück up 25-55° V2A Handrail transition piece up 25-55°



AISI304/V2A

Art. Nr.	Rohr / Tube A
72 038	40 x 40 x 1,5 mm

Lastabtragendes Kantenschutzprofil Edge protection profile

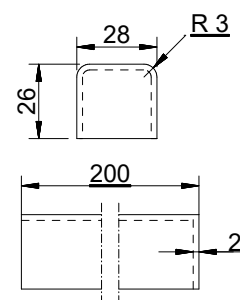


AISI304/V2A

Geschliffen	Satinate
Foliert	Foiled
Passendes Gummiprofil: 72 030, 72 031, 72 032	Matching rubber gasket: 72 030, 72 031, 72 032

Art. Nr.	Länge / Length
77 805-2.5	2500 mm
77 805-5	5000 mm

Endstück U-Profil L = 200 mm U-profile end piece L = 200 mm

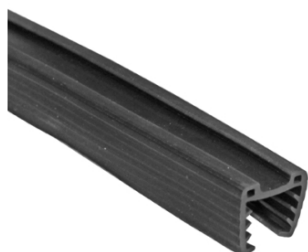


AISI304/V2A

Geschliffen	Satinate
Foliert	Foiled
Passendes Gummiprofil: 72 030, 72 031, 72 032	Matching rubber gasket: 72 030, 72 031, 72 032

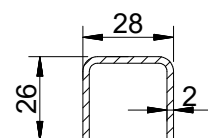
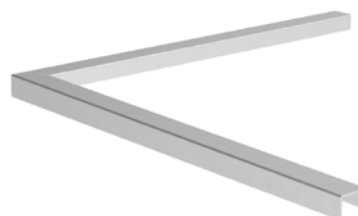
Art. Nr.	Länge / Length
77 811	200 mm

Gummiprofil Rubber gasket



Art. Nr.	Glasdicke / Glass	Länge / Length
72 030	11,5 mm - 13,5 mm	5,0 m
72 031	16,0 mm - 17,5 mm	5,0 m
72 032	20,76 mm - 21,52 mm	5,0 m

Eckverbinder U-Profil 90° U-profile corner connector 90°



AISI304/V2A

Geschliffen	Satinate
Passend zu 77 805-2.5, 77 805-5	Matching 77 805-2.5, 77 805-5

Art. Nr.	Länge / Length
77 810	200 x 200 mm

VA-Handläufe in Holzoptik

VA handrails in wood look

Triebenbacher Design Made by Groke

- » Handläufe aus Edelstahl (1.4301) in Holzoptik
- » Wetterbeständig
- » Ideal für den Außenbereich
- » Schlag- und kratzbeständig
- » Sehr gut schneidbar mit Kreis- oder Bandsägen
- » Große Auswahl an passenden Edelstahl-Verbindungselementen

- » Handrails made of stainless steel (1.4301) with a wood look
- » Weather-resistant
- » Ideal for outdoor use
- » Impact and scratch-resistant
- » Easy to cut with circular or band saws
- » Wide selection of matching stainless steel fasteners

Eiche Brettholz grau
Oak plank wood grey



Stadelholz
Reclaimed wood handrail



**Anwendung Stadelholz
mit Rohrbogen 71 334**

*Application: reclaimed
wood handrail with pipe
bend 71 334*

Perfekte Holzoptik für den Außeneinsatz *Perfect wood look for outdoor use*

Art. Nr.	Ausführung / Execution	Rohr / Tube	Lieferlänge / Delivery length
71 301-E	Eiche Brettholz grau / Oak plank wood grey	Ø 42,4 x 2,0 mm	3000 mm (Nutzbare Länge 2960 mm) / (Usable length 2960 mm)
71 301-S	Stadelholz / reclaimed wood handrail	Ø 42,4 x 2,0 mm	3000 mm (Nutzbare Länge 2960 mm) / (Usable length 2960 mm)

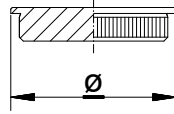
Handlaufzubehör & Endkappen

Handrail accessories & end caps



Endkappe flach, massiv mit Rändelung

End cap flat, solid with knurling

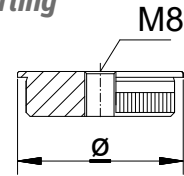


AISI304/V2A

Art. Nr.	für Rohr / tube
71 152	Ø 26,9 x 2,0 mm
71252-1	Ø 33,7 x 2,0 mm
71 352	Ø 42,4 x 2,0 mm
» 71 458	Ø 42,4 x 2,5 mm
71 467	Ø 42,4 x 2,6 mm
71 456	Ø 48,3 x 2,0 mm
71 536	Ø 60,3 x 2,0 mm

Endkappe flach, massiv mit Rändelung

End cap flat, solid with knurling

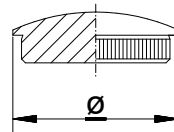


AISI304/V2A

Art. Nr.	für Rohr / tube	Innengewinde / inner thread
72 215-1	Ø 33,7 x 2,0 mm	M8
72 216-1	Ø 42,4 x 2,0 mm	M8
» 71 450	Ø 42,4 x 2,5 mm	M8
71 477	Ø 42,4 x 3,0 mm	M8
72 217	Ø 48,3 x 2,0 mm	M8

Endkappen oval, massiv mit Rändelung

End cap oval, solid with knurling

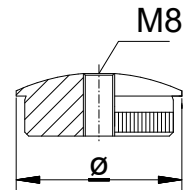


AISI304/V2A

Art. Nr.	für Rohr / tube
71 151	Ø 26,9 x 2,0 mm
71 251	Ø 33,7 x 2,0 mm
71 351	Ø 42,4 x 2,0 mm
» 71 357	Ø 42,4 x 2,5 mm
71 355	Ø 42,4 x 2,6 mm
71 478	Ø 42,4 x 3,0 mm
71 455	Ø 48,3 x 2,0 mm

Endkappe oval, massiv mit Rändelung

End cap oval, solid with knurling

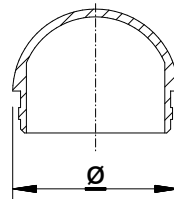


AISI304/V2A

Art. Nr.	für Rohr / tube	Innengewinde / inner thread
72 219	Ø 33,7 x 2,0 mm	M8
72 223	Ø 42,4 x 2,0 mm	M8
» 71 454	Ø 42,4 x 2,5 mm	M8
72 238	Ø 42,4 x 2,6 mm	M8
71 476	Ø 42,4 x 3,0 mm	M8
71 480	Ø 48,3 x 2,0 mm	M8

Endkappe hohl, hohl mit Rändelung

Round, hollow end cap with knurling

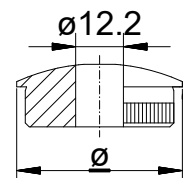


AISI304/V2A

Art. Nr.	für Rohr / tube
71 250	Ø 33,7 x 2,0 mm
71 350	Ø 42,4 x 2,0 mm
71 457-1	Ø 48,3 x 2,0 mm

Endkappe mit Passbohrung

End cap with fitting hole

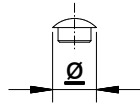


AISI304/V2A

Art. Nr.	für Rohr / tube	Bohrung / drilling
71 462	Ø 33,7 x 2,0 mm	Ø 12,2 mm
71 463	Ø 42,4 x 2,0 mm	Ø 12,2 mm

Endkappe oval, massiv

End caps oval, solid

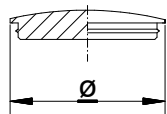


AISI304/V2A

Art. Nr.	für Rohr / tube
72 145	Ø 12,0 x 1,5 mm
72 146	Ø 14,0 x 1,5 mm

Endkappe oval, massiv

End cap oval, solid



AISI304/V2A

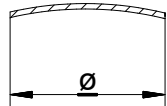
| Oval
| Schaft mit lamelle

| Oval
| Shaft with lamella

Art. Nr.	für Rohr / tube
71 259-G	Ø 33,7 x 2,0 mm
71 359-G	Ø 42,4 x 2,0 mm

Anschweisdeckel oval

To weld

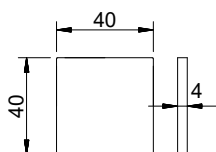
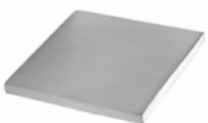


AISI304/V2A

Art. Nr.	für Rohr / tube
71 253	Ø 33,7 mm x 1,5 mm
71 353-1 (geschliffen)	Ø 42,4 mm x 2 mm
71 453	Ø 48,3 mm x 1,5 mm
71 452	Ø 60,3 mm x 1,5 mm

Endkappe zum Schweißen

End cap for welding

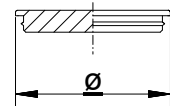


AISI304/V2A

Art. Nr.	Abmessung A / dimension
71 356	Ø 40 x 40 mm

Endkappe flach, massiv

End caps flat, solid



AISI304/V2A

| Flach
| Schaft mit lamelle

| Flat
| Shaft with lamella

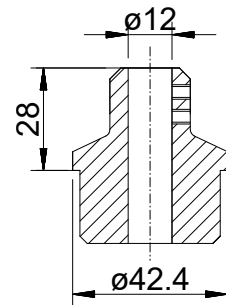
Art. Nr.	für Rohr / tube
71 363	Ø 42,4 x 2,0 mm

Endkappe oval

End cap oval



AISI304/V2A



| Durchgangsbohrung 12,2 mm
mit 2 Madenschrauben

| Through hole 12.2 mm
with 2 grub screws

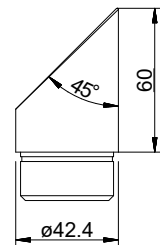
Art. Nr.	für Rohr / tube	Bohrung / drilling
72 222	Ø 42,4 x 2,0 mm	Ø 12,2 mm

Rohrendstück

Pipe end piece



AISI304/V2A



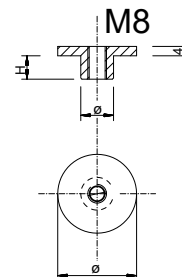
Art. Nr.	für Rohr / tube
72 188	Ø 42,4 x 2,0 mm

VA-Anschweißkappe

End cap for welding



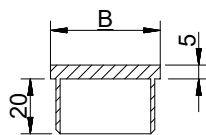
AISI304/V2A



Art. Nr.	für Rohr / tube	H
72 252	Ø 33,7 mm	Ø 14 x 10 mm / M8
72 253	Ø 42,4 mm	Ø 14 x 14 mm / M8

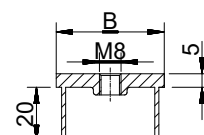
Endkappen für Quadratrohre, hohl

End caps for square tubes, hollow



AISI304/V2A

Art. Nr.	für Rohr (B) / tube (B)
71 713	30 x 30 x 2,0 mm
71 710-2	40 x 40 x 2,0 mm
71 714	40 x 40 x 3,0 mm
71 711	50 x 50 x 2,0 mm
71 715	60 x 60 x 2,0 mm

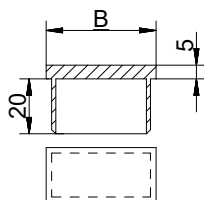


AISI304/V2A

Art. Nr.	für Rohr (B) / tube (B)
71 716	30 x 30 x 2,0 mm
71 708-2	40 x 40 x 2,0 mm
71 717-1	40 x 40 x 3,0 mm
71 718	50 x 50 x 2,0 mm
71 719	60 x 60 x 2,0 mm

VA-Pyramindenabdeckung

Pyramid cover



AISI304/V2A

AISI304/V2A

| Geschliffen

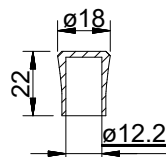
| Ground

Art. Nr.	für Rohr (B) / tube (B)
71 705	40 x 20 x 2,0 mm
71 706	50 x 30 x 2,0 mm

Art. Nr.	für Rohr / tube	Höhe / height	Dicke / thickness
72 771	40 x 40 mm	19 mm	1,5 mm
72 772	50 x 50 mm	19 mm	1,5 mm
72 773	60 x 60 mm	19 mm	1,5 mm
72 774	80 x 80 mm	22 mm	1,5 mm
72 775	100 x 100 mm	22 mm	1,5 mm

VA-Abschlusskappe

Endcap

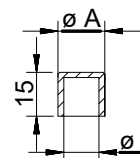
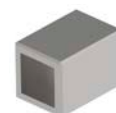


AISI304/V2A

Art. Nr.	Abmessung / Dimension	Bohrung / Drilling
72 423-1	Ø 18 x 22 mm	Ø 12,2 mm

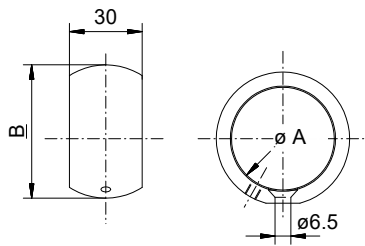
VA-Abschlusskappe

Endcap



AISI304/V2A

Art. Nr.	Abmessung / Dimension	Bohrung / Drilling
72 424	Ø 15 x 15 mm	Ø 10,2 mm
72 425	Ø 16 x 15 mm	Ø 12,2 mm
72 426-10	14 x 14 x 20 mm	10 x 10 mm
72 426-12	16 x 16 x 20 mm	12 x 12 mm

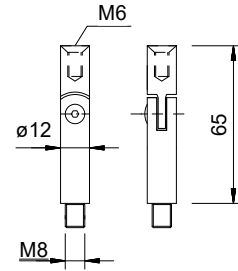


AISI304/V2A

Art. Nr.	für Rohr A / tube	B
71 255	Ø 33,7 mm	45,4 mm
71 256	Ø 42,4 mm	53,6 mm



AISI304/V2A

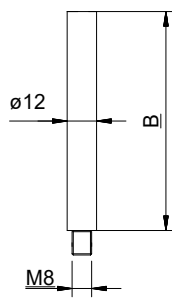


| Gelenkstift. Außengewinde M8. | *Hinge pin. external thread M8.*
 | Innengewinde M6 | *Internal thread M6*

Art. Nr.	A x B
72 227-1	Ø 12 x 65 mm



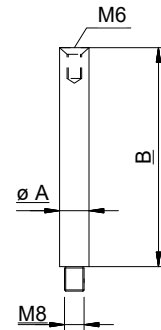
AISI304/V2A



Art. Nr.	A x B
72 214	Ø 12 x 70 mm
72 228	Ø 12 x 90 mm
72 229	Ø 12 x 120 mm

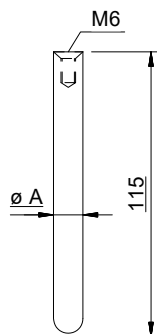


AISI304/V2A



| Handlaufstift. Außengewinde M8. | *Handrail pin. External thread M8.*
 | Innengewinde M6 | *Internal thread M6*
 | inkl. M6 Senkschraube | *Including M6 countersunk screw*

Art. Nr.	A x B
72 225	Ø 12 x 60 mm
72 226	Ø 12 x 90 mm
72 239	Ø 12 x 115 mm
78 559	Ø 14 x 65 mm

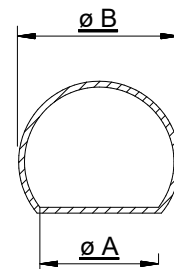


AISI304/V2A

| inkl. M6 Senkschraube | *Including M6 countersunk screw*
 | Innengewinde M6 | *Internal thread M6*

Art. Nr.	A x B
72 224	Ø 12 x 115 mm

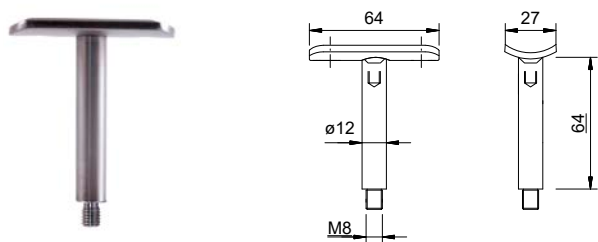
Rohrabschlusskugel Tube end ball



AISI304/V2A

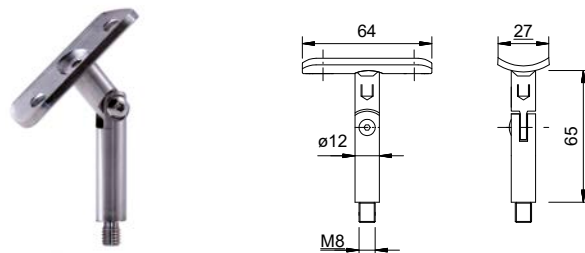
Art. Nr.	für Rohr A / tube	B
71 254-1	Ø 33,7 mm	Ø 48 mm
71 354	Ø 42,4 mm	Ø 55 mm
71 354-48	Ø 48,3 mm	Ø 65 mm





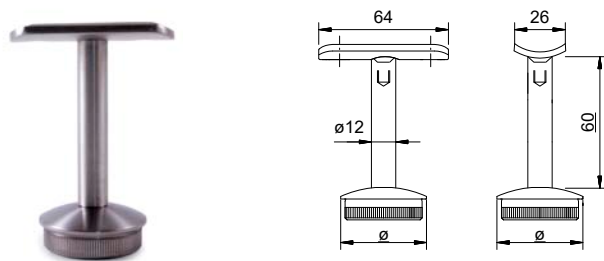
AISI304/V2A

Art. Nr.	Höhe H	Handlauf / handrail
71 238-1	64 mm	Ø 33,7 - Ø 42,4 mm



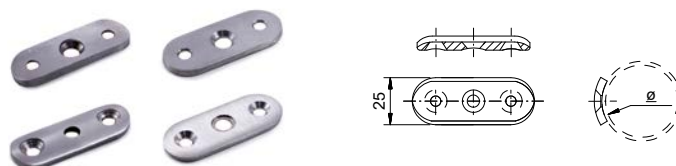
AISI304/V2A

Art. Nr.	Höhe H	Handlauf / handrail
71 239	65 mm	Ø 33,7 - Ø 42,4 mm



AISI304/V2A

Art. Nr.	Höhe H	Handlauf / handrail
73 407-1	60 mm	Ø 42,4 mm



AISI304/V2A

| Materialstärke 4 mm

| Material thickness 4 mm

Art. Nr.	Ø A
71 394	Ø 33,7 - Ø 42,4 mm
71 494	Ø 48,3 - Ø 60,3 mm
71 228	Flach

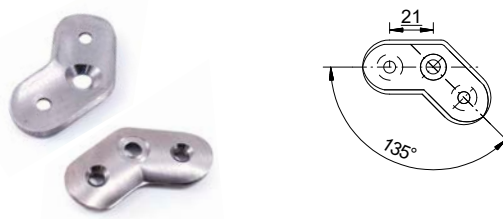


AISI304/V2A

| Materialstärke 4 mm

| Material thickness 4 mm

Art. Nr.	für Rohr / tube
71 295	Ø 33,7 - Ø 42,4 mm
71 260	Ø 48,3 - Ø 60,3 mm



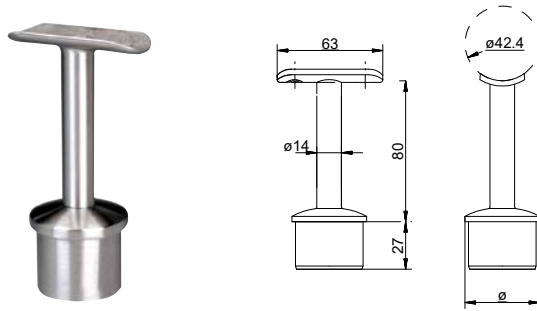
AISI304/V2A

| Materialstärke 4 mm

| Material thickness 4 mm

Art. Nr.	für Rohr / tube
71 296	Ø 33,7 - Ø 42,4 mm
71 261	Ø 48,3 - Ø 60,3 mm

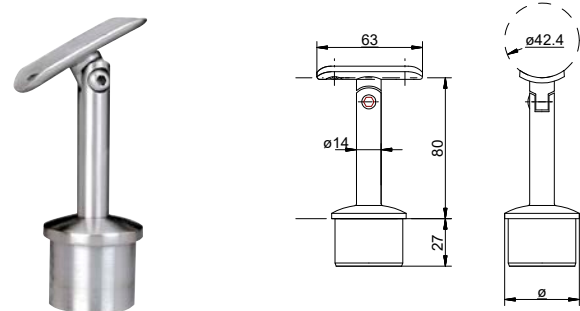
Handlaufträger fest Handrail support fix



AISI304/V2A

Art. Nr.	für Rohr / tube
72 230-1	Ø 42,4 x 2,0 mm

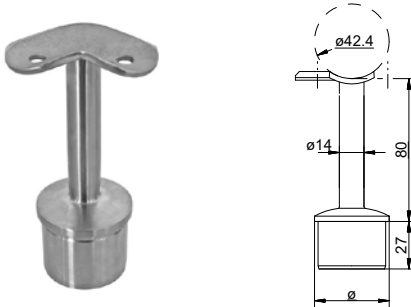
Handlaufträger variabel Pivotable handrail support



AISI304/V2A

Art. Nr.	für Rohr / tube
72 231-1	Ø 42,4 x 2,0 mm

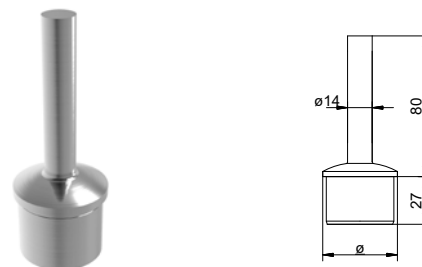
Handlaufträger 90° Handrail support 90°



AISI304/V2A

Art. Nr.	für Rohr / tube
72 205-1	Ø 42,4 x 2,0 mm

Handlaufträger zum Schweißen Handrail support for welding

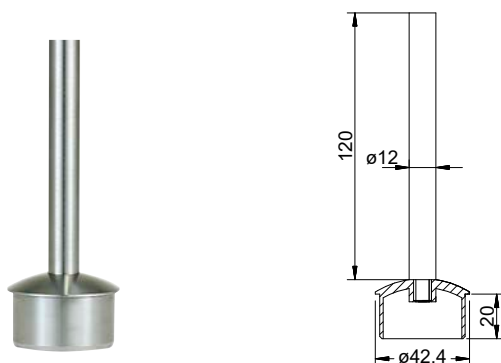


AISI304/V2A

| Aus einem Stück gefertigt | Made from one piece

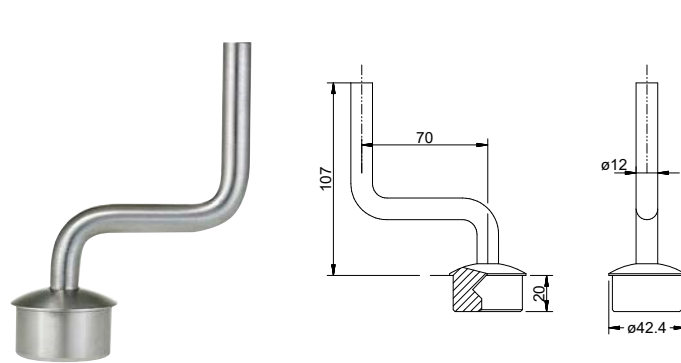
Art. Nr.	für Rohr / tube
72 268	Ø 42,4 x 2,0 mm





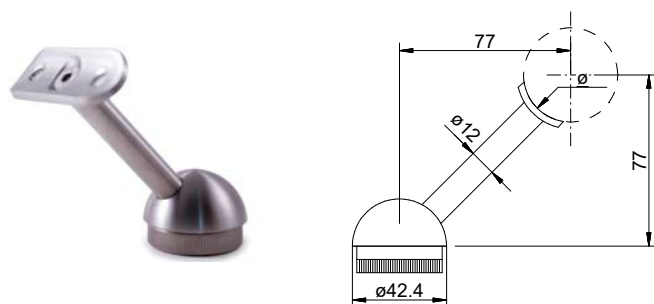
AISI304/V2A

Art. Nr.	für Rohr A / tube
72 277	Ø 33,7 x 2,0 mm
72 267	Ø 42,4 x 2,0 mm



AISI304/V2A

Art. Nr.	für Rohr A / tube
72 264-1	Ø 42,4 x 2,0 mm

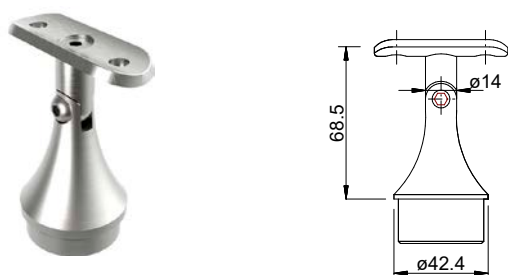


AISI304/V2A

Art. Nr.	Handlauf / handrail	für Rohr A / tube
72 204	Ø 33,7 - 42,4 mm	Ø 42,4 x 2,0 mm



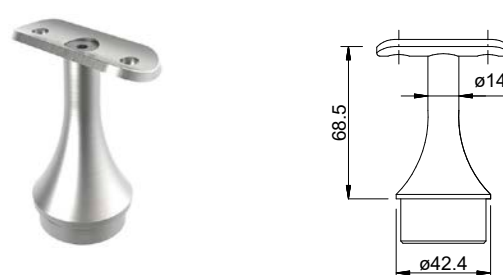
Handlaufträger variabel Pivotable handrail support



AISI304/V2A

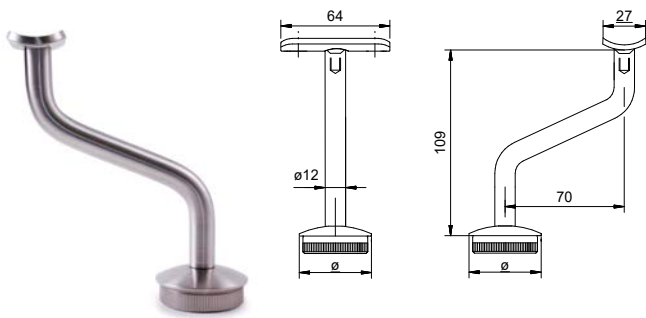
Art. Nr.	Handlauf / handrail	Rohr / tube
72 273-1	Ø 42,4 mm	Ø 42,4 x 2,0 mm

Handlaufträger fest Handrail support fix



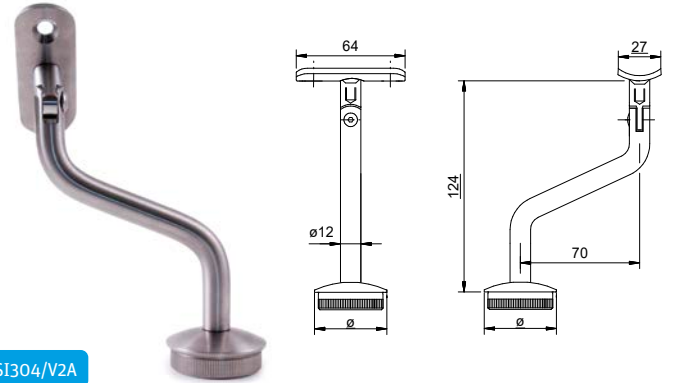
AISI304/V2A

Art. Nr.	Handlauf / handrail	Rohr / tube
72 281-1	Ø 42,4 mm	Ø 42,4 x 2,0 mm



AISI304/V2A

Art. Nr.	Höhe H / height	für Rohr A / tube
72 295	109 mm	Ø 42,4 x 2,0 mm



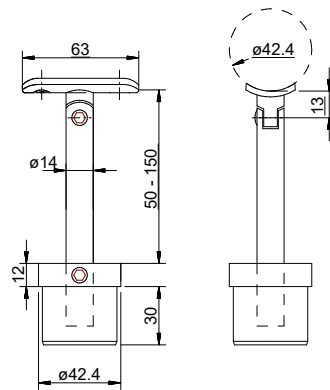
AISI304/V2A

Art. Nr.	Höhe H / height	für Rohr A / tube
72 294	124 mm	Ø 42,4 x 2,0 mm

Handlaufträger höhenverstellbar Handrail support height adjustable



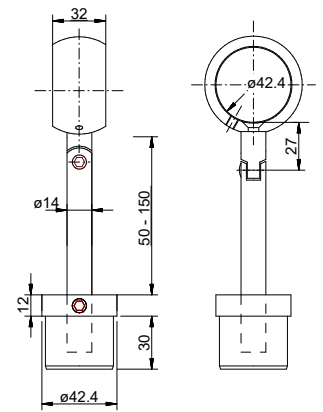
AISI304/V2A



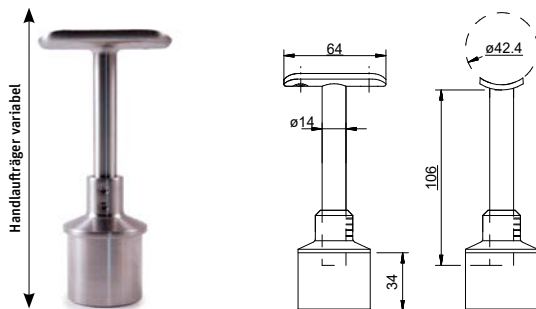
Art. Nr.	für Rohr A / tube
72 210	Ø 42,4 x 2,0 mm



AISI304/V2A

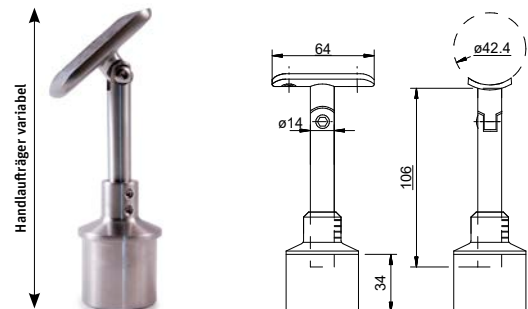


Art. Nr.	für Rohr A / tube
72 206	Ø 42,4 x 2,0 mm



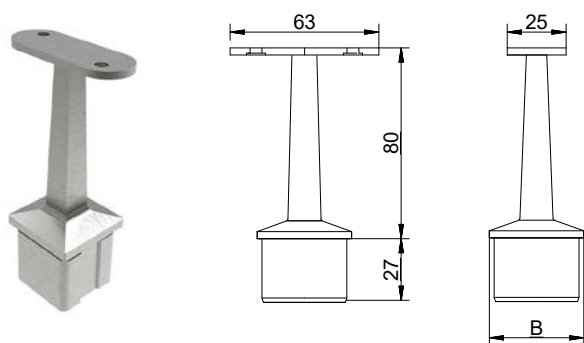
AISI316/V4A

Art. Nr.	Rohr / tube
77 238	Ø 42,4 x 2,0 mm



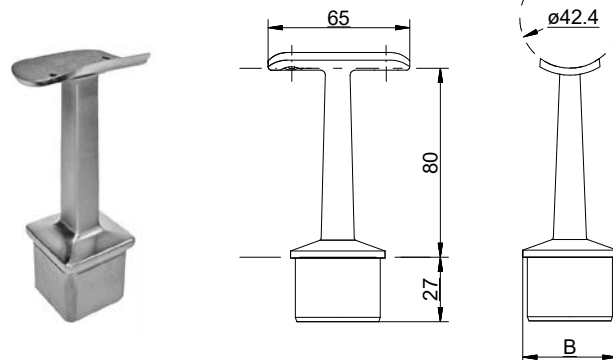
AISI316/V4A

Art. Nr.	Rohr / tube
77 239	Ø 42,4 x 2,0 mm



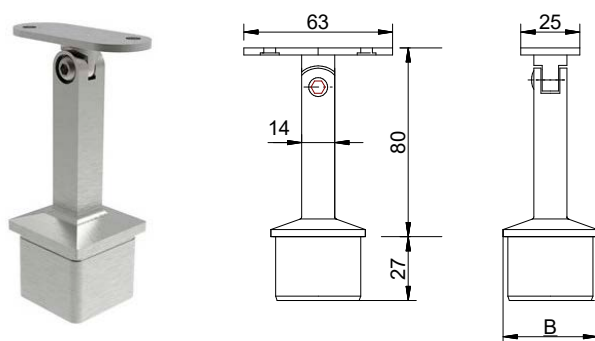
AISI304/V2A

Art. Nr.	Rohr / tube
71 720-1	40 x 40 x 2,0 mm



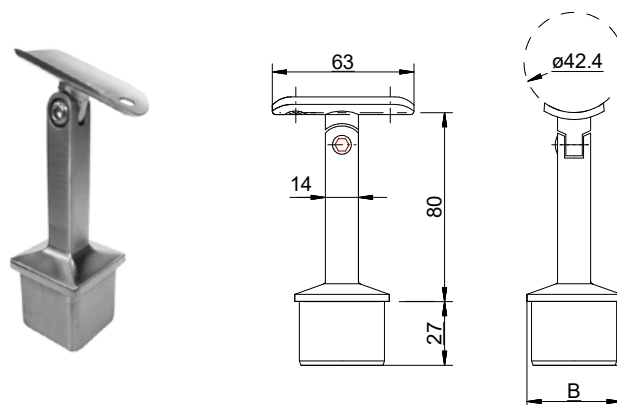
AISI304/V2A

Art. Nr.	Rohr / tube
71 720-42	Ø 42,4 x 2,0 mm



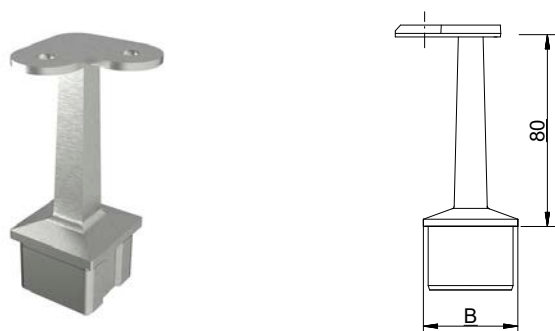
AISI304/V2A

Art. Nr.	Rohr / tube
71 721-1	40 x 40 x 2,0 mm



AISI304/V2A

Art. Nr.	Rohr / tube
71 721-42	Ø 42,4 x 2,0 mm



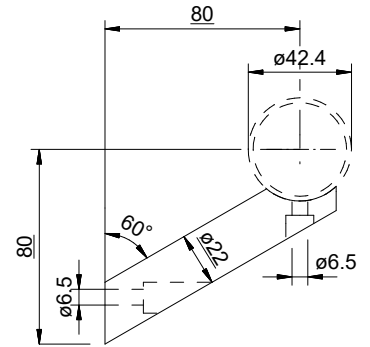
AISI304/V2A

Art. Nr.	Rohr / tube
71 727	40 x 40 x 2,0 mm



AISI304/V2A

Art. Nr.	Rohr / tube
71 727-42	Ø 42,4 x 2,0 mm

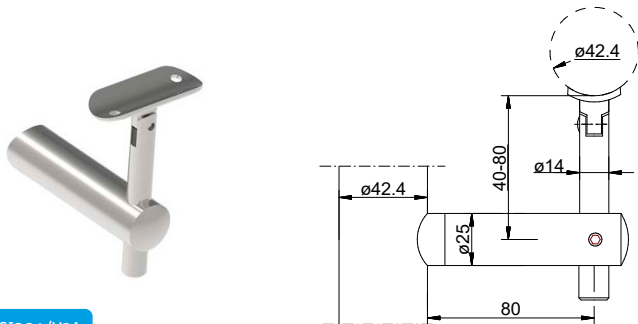


AISI304/V2A

Art. Nr.	für Rohr A / tube	für Rohranschluss / Pipe connection
72 296	Ø 42,4 mm	flach

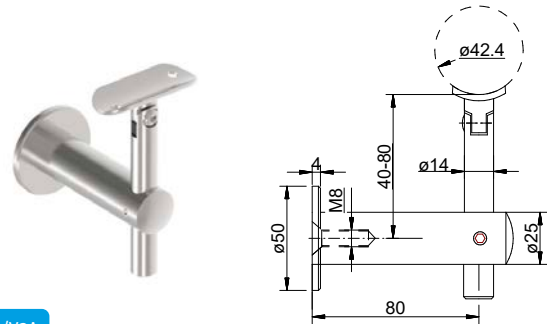
Sehr stabile Handlaufkonsole verbunden mit einer sehr einfachen Montage. Ideal für seitlich montierte Handläufe.
Nicht geeignet für Treppengeländer.

*Very sturdy handrail console associated with a very simple installation. Ideal for side-mounted handrails.
Not suitable for stair railing.*



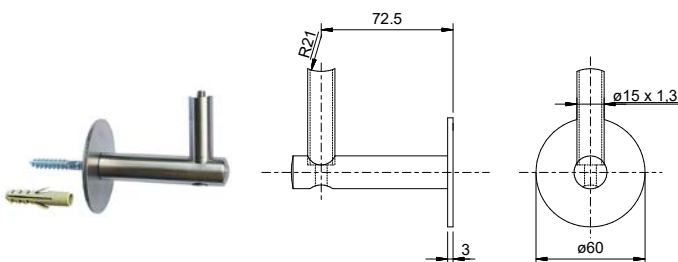
AISI304/V2A

Art. Nr.	für Handlauf / handrail
72 232-2	Ø 42,4 mm



AISI304/V2A

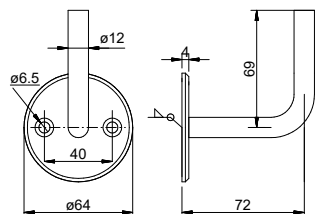
Art. Nr.	für Handlauf / handrail
72 235-1	Ø 42,4 mm



AISI304/V2A

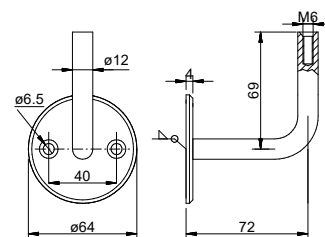
Art. Nr.	Wandplatte / Wall plate
72 276	Ø 60 x 3 / Stockschraube M8 / Hanger bolt M8

Handlaufträger Wall Handrail Supports



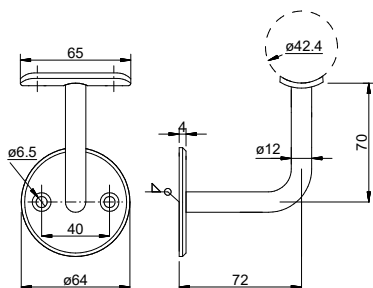
AISI304/V2A

Art. Nr.	Beschreibung / description
72 251-2	zum Schweißen / for welding



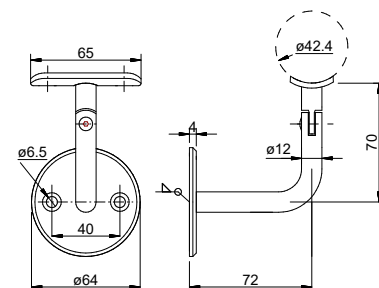
AISI304/V2A

Art. Nr.	Beschreibung / description
72 248-1	Innengewinde M6 / inner thread M6



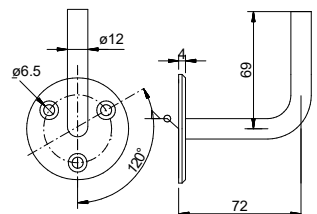
AISI304/V2A

Art. Nr.	Rohr / tube
72 257-3	Ø 42,4 mm



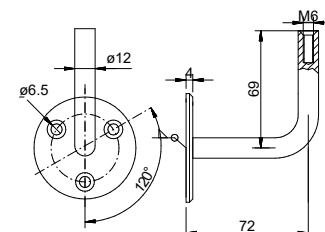
AISI304/V2A

Art. Nr.	Beschreibung / description	Rohr / tube
72 259-2	mit Kippgelenk / with tilt joint	Ø 42,4 mm



AISI304/V2A

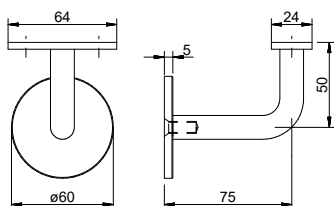
Art. Nr.	Wandplatte / Wall plate
72 246-2	Ø 64 x 4 mm, flach / flat



AISI304/V2A

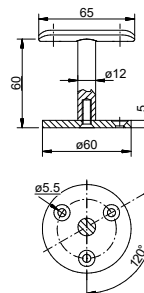
Art. Nr.	Beschreibung / description
72 165	Innengewinde M6 / inner thread M6

Handlaufträger mit Bodenplatte 60 mm Handrail support with base plate 60 mm



AISI304/V2A

Art. Nr.	Handlauf / handrail	Gewinde / Thread
72 208	flach / flat	M8
72 209	42,4 mm	M8

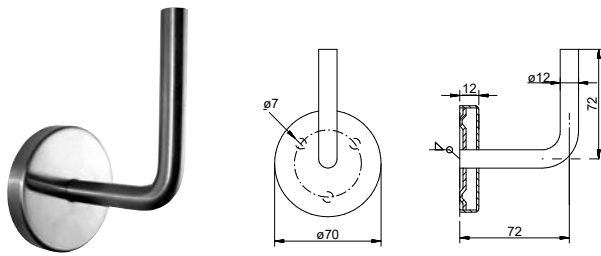


AISI304/V2A

Art. Nr.	Handlauf / Handrail
71 496-1	Ø 42,4 mm

Handlaufräger mit Clirosette

Handrail bracket with clip rosette

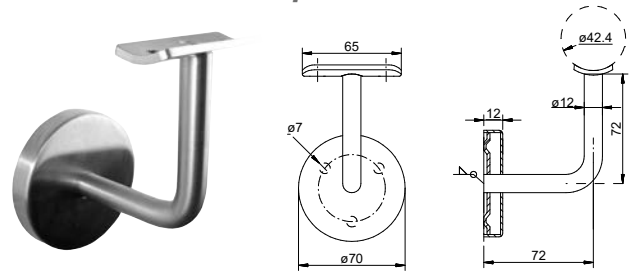


AISI304/V2A

Art. Nr.	Rosette / rosette
72 212	Ø 70 x 12 mm

Handlaufräger mit Clirosette

Handrail bracket with clip rosette

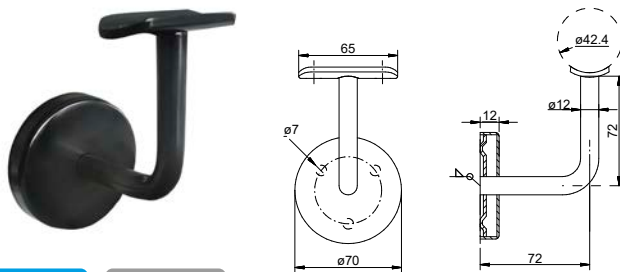


AISI304/V2A

Art. Nr.	Rosette / rosette	für Handlauf / handrail
72 213	Ø 70 x 12 mm	Ø 42,4

Handlaufräger mit Clirosette

Handrail bracket with clip rosette



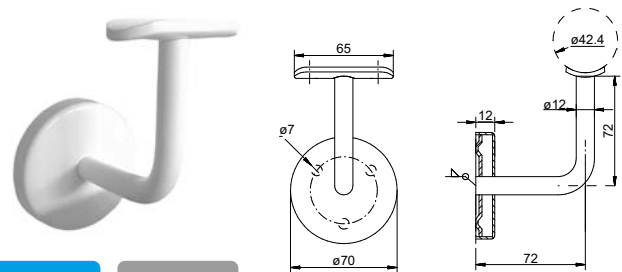
AISI304/V2A

RAL 9005

Art. Nr.	Rosette / rosette
72 213-RAL9005	Ø 70 x 12 mm

Handlaufräger mit Clirosette

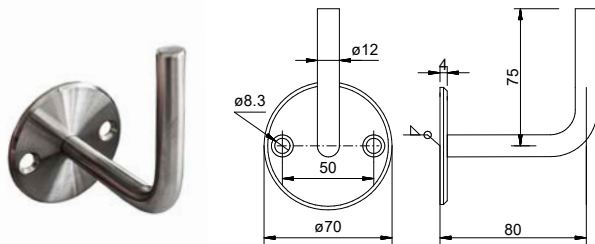
Handrail bracket with clip rosette



AISI304/V2A

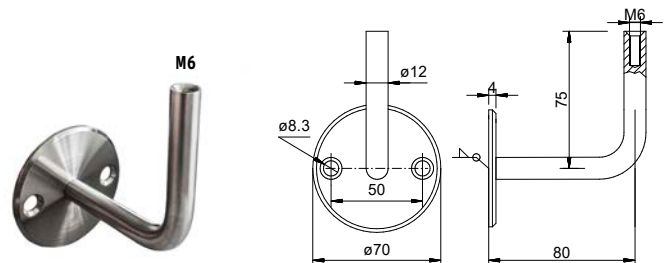
RAL 9016

Art. Nr.	Rosette / rosette	für Handlauf / handrail
72 213-RAL9016	Ø 70 x 12 mm	Ø 42,4



AISI304/V2A

Art. Nr.	Beschreibung / Description
72 211	zum Schweißen / for welding

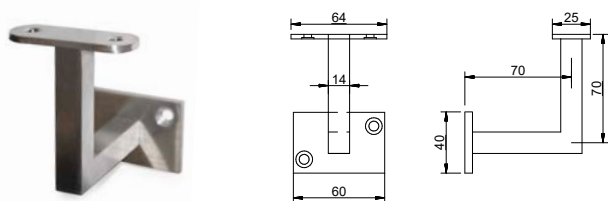


AISI304/V2A

Art. Nr.	Beschreibung / Description
72 237	mit Innengewinde M6 / with internal thread M6

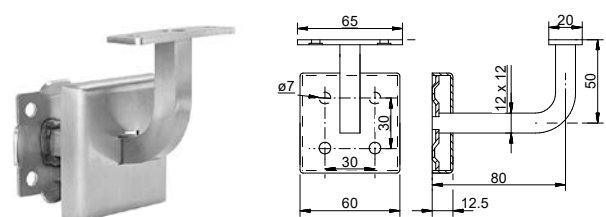
Handlaufräger mit Clirosette

Handrail bracket with clip rosette



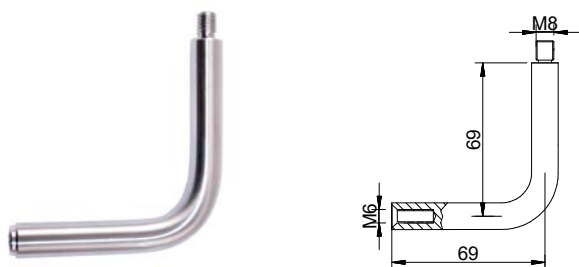
AISI304/V2A

Art. Nr.	Handlauf / Handrail
EO 36300	flach / flat



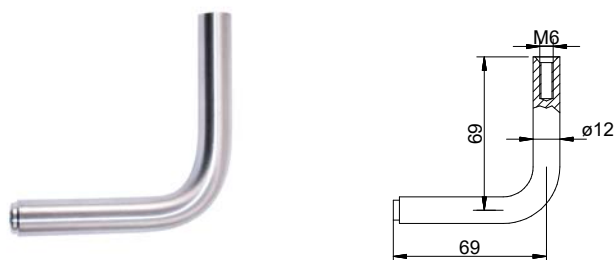
AISI304/V2A

Art. Nr.	Handlauf / Handrail
72 109	flach / flat



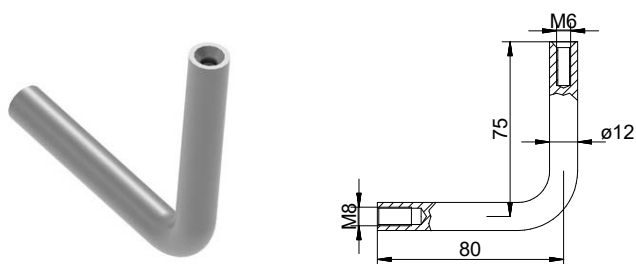
AISI304/V2A

Art. Nr.	Beschreibung / description
71 264	Innengewinde M6, Außengewinde M8 / Internal thread M6, external thread M8



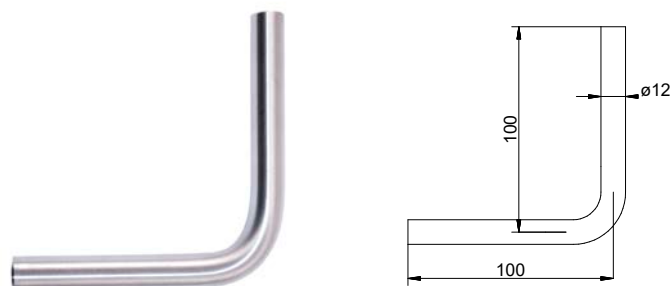
AISI304/V2A

Art. Nr.	Beschreibung / description
71 265-1	Innengewinde M6, (1x) / Internal thread M6



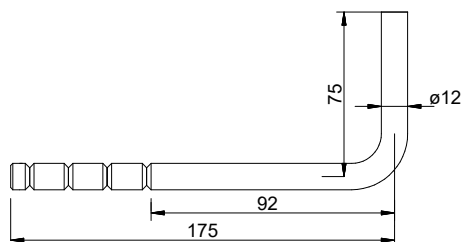
AISI304/V2A

Art. Nr.	Beschreibung / description
71 267-1	Innengewinde M6, M8 / Internal thread M6, M8



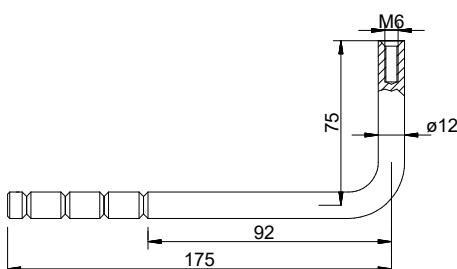
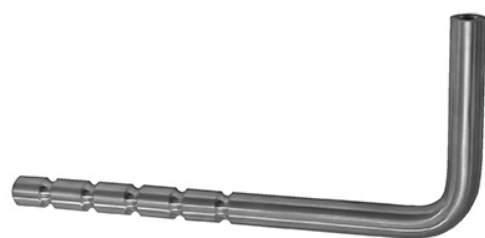
AISI304/V2A

Art. Nr.	Maße / dimensions
72 218	Ø 12 mm



AISI304/V2A

Art. Nr.	Beschreibung / description
72 166	Für Klebmontage / For adhesive mounting



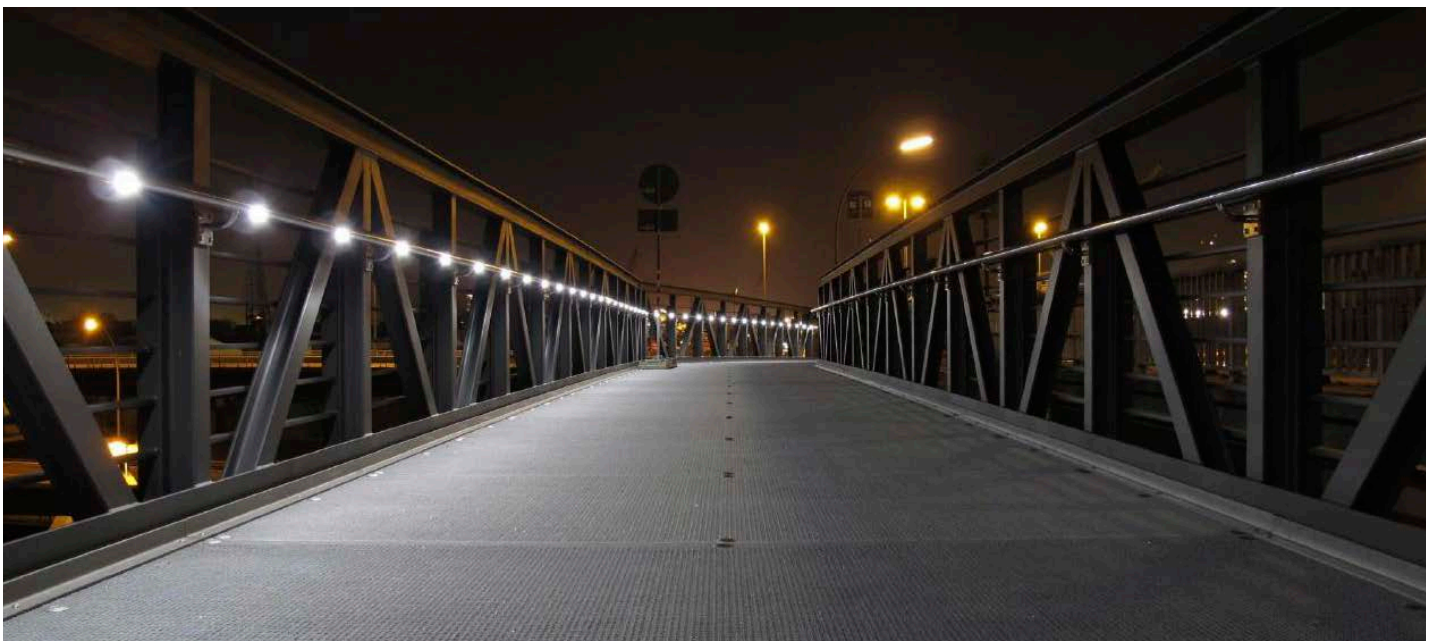
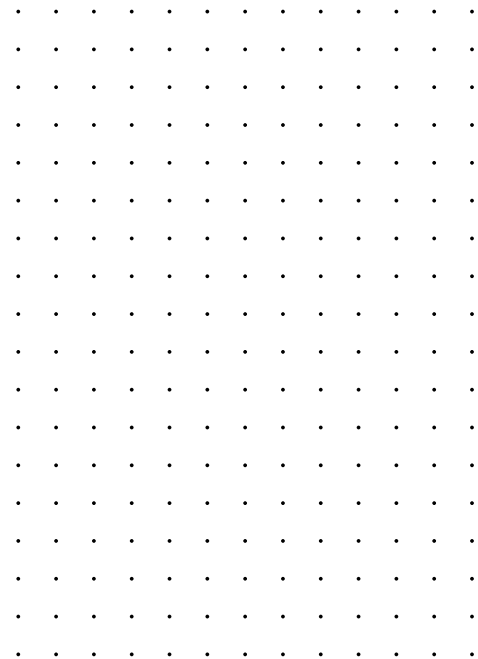
AISI304/V2A

Art. Nr.	Beschreibung / description
72 167	Für Klebmontage / For adhesive mounting

LED-Handlauf

LED Handrail

- | Punktuelle Beleuchtung
- | Durchgehende Beleuchtung
- | Indoor und outdoor Anwendungen
- | Edelstahlkomponenten
- | *Point lighting*
- | *Continuous lighting*
- | *Indoor and outdoor applications*
- | *Stainless steel components*



Licht am Geländer tetelux

Lights at the balustrades

Sicherheit und Komfort:

- | Setzen Sie überzeugende Lichtakzente.
- | Licht optimal eingesetzt für Sicherheit und Komfort bei Geländern und Handläufen.
- | Die Beleuchtung ist sehr angenehm und blendfrei.
- | Einfache Montage ist gewährleistet.
- | Nur kleinste Rohrausarbeitungen notwendig.

Regelanwendungen:

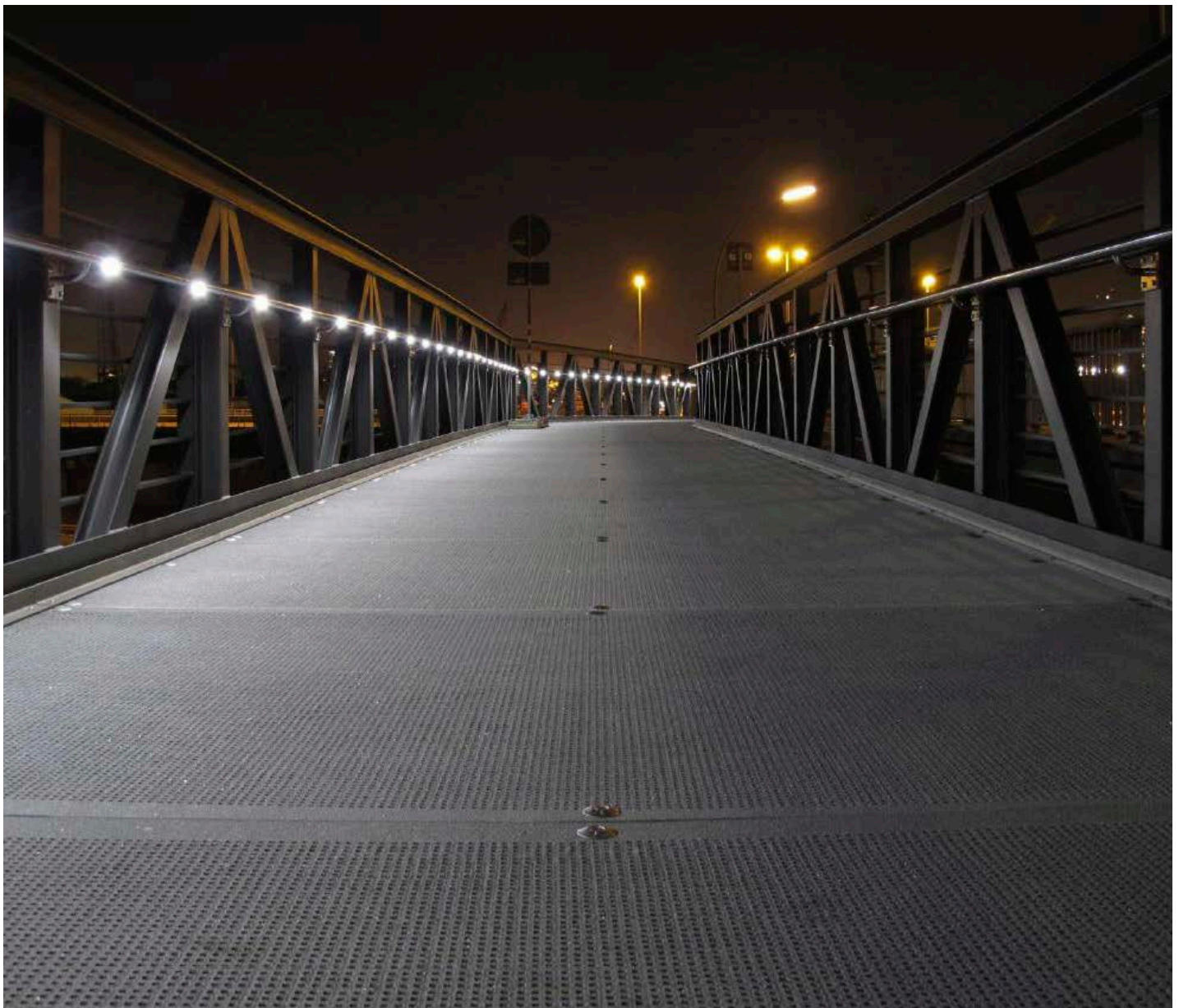
Handläufe, Geländer, Vordächer, Pfosten / Poller, Displayträger.

Safety and comfort:

- | Create convincing lighting impressions.
- | Optimum installation of light for safety and comfort of balustrades and handrails.
- | Very pleasant, glare-free, passive illumination with little energy consumption.
- | Easy assembly is ensured.

Standard applications:

Handrails, railings, canopies, posts / bollards, display supports.



24V
DC



CE

Die LED Leuchte eignet sich ideal für Rohre und Handläufe aus Metall oder Holz. Unsere Systemleuchte wird bei Wandstärken von 2 bis 3 mm flächenbündig eingebaut. Überall wo Rohre Anwendung finden, können Sie unsere Rohr- Handlaufleuchte zum Einsatz bringen. Ob in Geländern von Brücken, Stegen oder anderen Situationen, schaffen Sie atmosphärische Lichtakzente oder sichere Wegeführungen.

The LED luminaire is ideal for pipes and handrails made of metal or wood. Our system luminaire is installed flush with wall thicknesses of 2 to 3 mm. Wherever pipes are used, you can also use our pipe handrail light. Whether in railings of bridges, walkways or other situations, you can create atmospheric lighting accents or safe pathways.



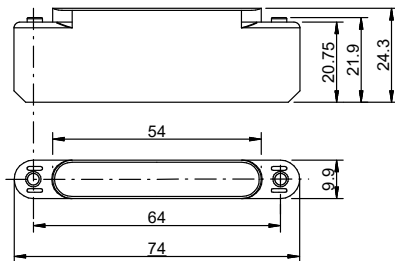
Mit Bogenfeder zum einklemmen
With bow spring to clamp



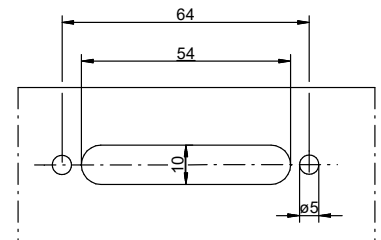
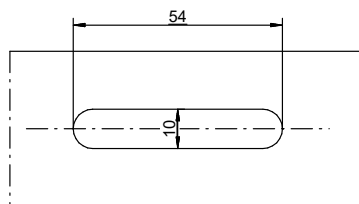
Die LED Leuchten werden generell in eingetrübter Ausführung ausgeliefert.
The LED lights are generally delivered in a cloudy version.

Abmessungen und Rohrbearbeitung *Dimensions and tube processing*

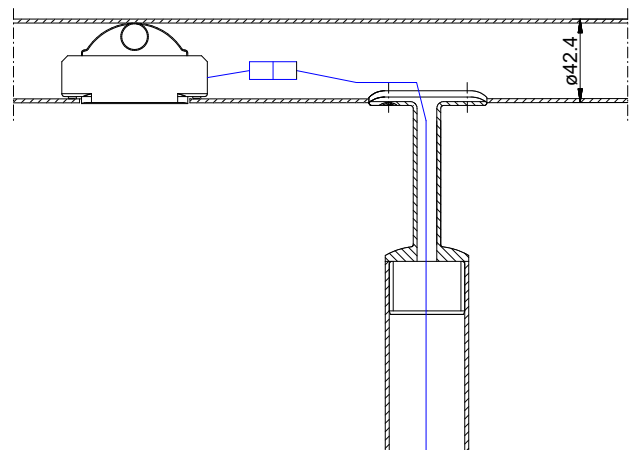
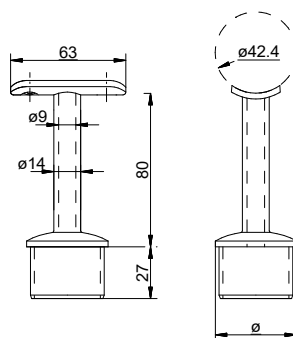
Rohrbearbeitung mit Bogenfeder
Tube processing with bow spring



Rohrbearbeitung mit Gewindestift
Tube processing with threaded pin



VA - Handlaufträger für Kabelzulauf *VA handrail support for cable feed*



Art. Nr.	Ø	Material / Material
72 220	42,4 x 2,0 mm	AISI 304

LED—Leuchte inkl. 20 cm Kabel und Steckverbinder
LED light incl. 20 cm cable and plug connector


Art. Nr.	für Rohr A / tube	Licht / Light	Kelvin
91 985	42,4 mm	warmweiß / warm white	3000 K
91 986	42,4 mm	neutralweiß / neutral white	4000 K
91 970	42,4 mm	kaltweiß / cold white	5000 K

LED-Verbindungskabel mit 2 Steckverbinder
LED connection cable with 2 plugs


Art. Nr.	Länge / Length
91 971	1000 mm
91 972	1600 mm
91 973	2000 mm

LED-Zuleitungskabel mit 1 Steckverbinder Lose beiliegend
LED supply cable with 1 plug


Art. Nr.	Länge / Length
91 974	2500 mm

Schukostecker-Netzteil. Nur im Innenbereich verwendbar
Transformer can only be used indoors


Art. Nr.	Anzahl LED / quantity LED
91 976	24V/DC, 12 Watt / 1,5 m max. 9

Trafo IP67/ Transformer

Kabellänge ca. 500 mm

Transformer IP67 / transformer

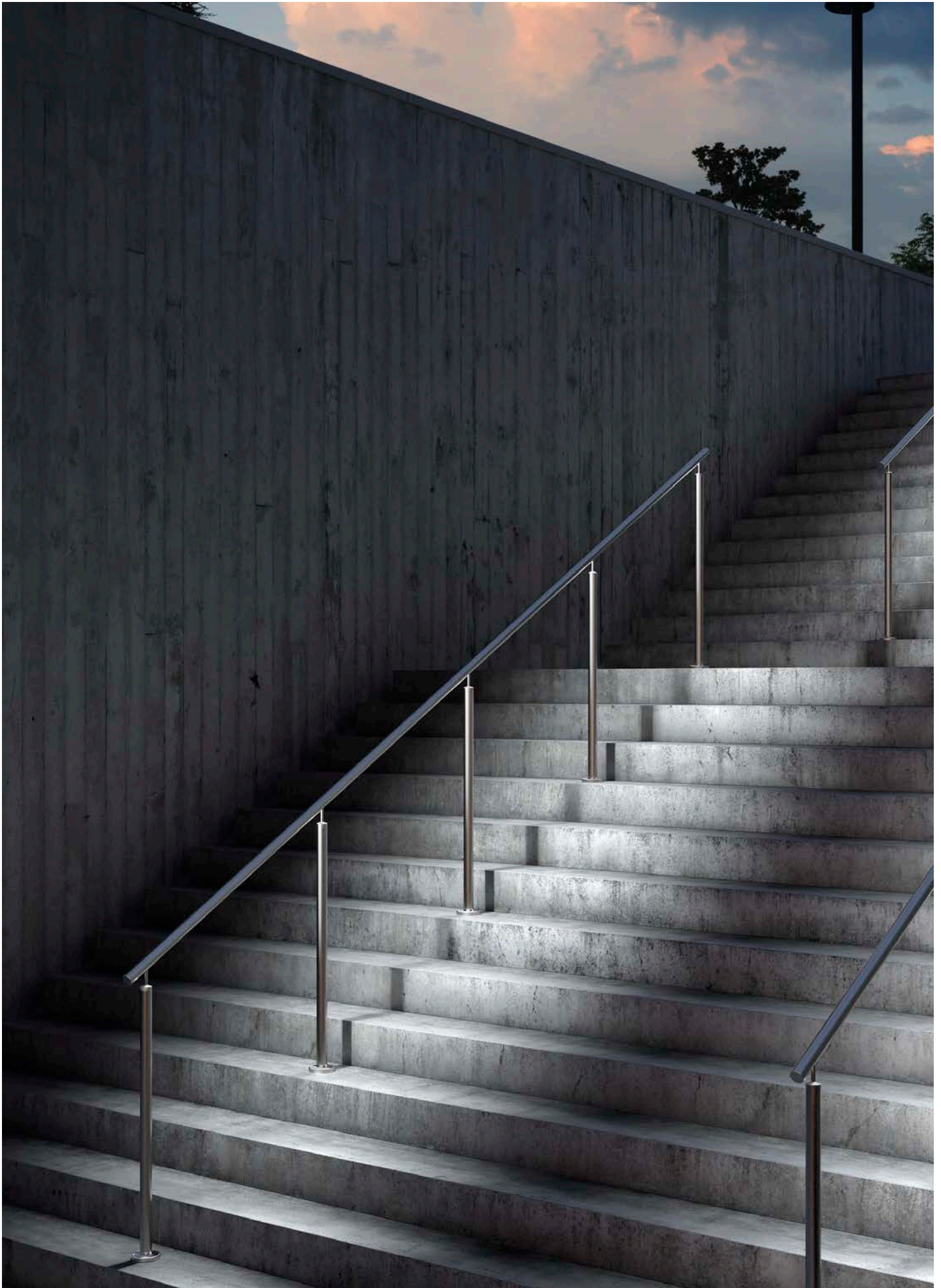
Cable length approx. 500 mm



Art. Nr.	Anzahl LED / quantity LED
91 955	24V/DC, 20 Watt max. 15
91 956	24V/DC, 36 Watt max. 27
91 978	24V/DC, 60 Watt max. 45

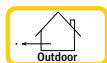
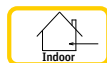
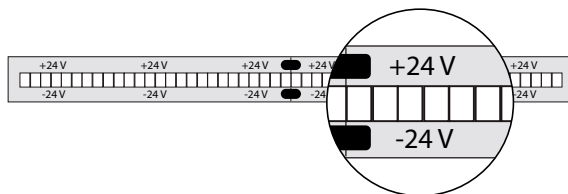
Netzteil-Unterputzdose
Power pack flush-mounted box


Art. Nr.	Anzahl LED / quantity LED
91 977	24V/DC, 18 Watt max. 13

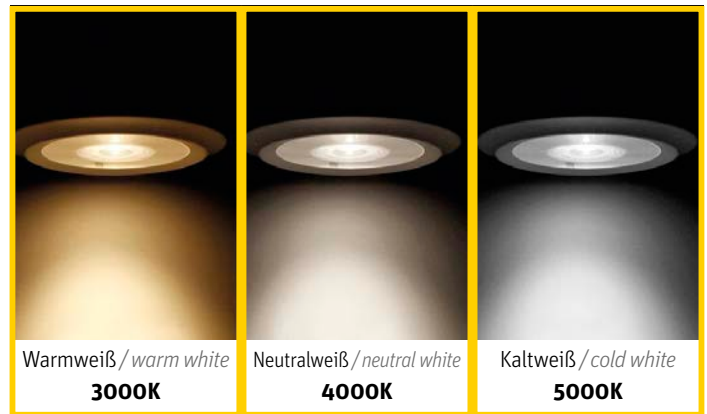


Neue LED Lichtbänder
 Alle 67 mm kürzbar
 Breite 12 mm, Höhe 4,2 mm

New LED Stripes
Can be shortened each 67 mm
Width 12 mm, height 4,2 mm



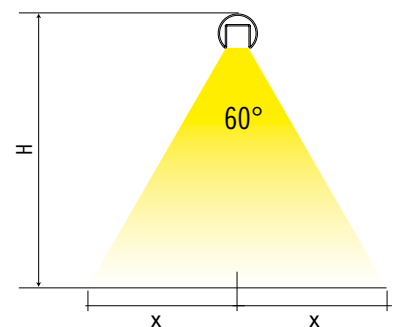
Art. Nr.	Länge / Length	Light / Colour	Kelvin / Lumen
91 951-1	5 m	warmweiß / warm white	3000 K
91 951-2	5 m	neutralweiß / neutral white	4000 K
91 951-3	5 m	kaltweiß / cold white	6500 K



Eingang / Input voltage -/	24 V
Gewicht / Weight	60 g/m
Lebensdauer / Life time	35.000 h
Abstrahlwinkel / Beam angle	110°
IP	67
Einsatztemperaturen / Operating T°	-20 C° + 50 C°
Verwendung / Usable	indoor/outdoor

Lichtkegel nach Einbauhöhe
Cone of light according to installation height

H	X
1200 mm	692 mm
1100 mm	635 mm
1000 mm	579 mm
900 mm	519 mm
800 mm	461 mm



Doppelseitiges Klebeband
Double sided adhesive tape

91 961

PVC Profil Weiß
PVC profile white

91 940

LED Band / LED stripe

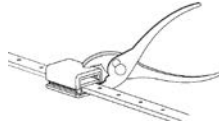
PVC Abdeckung / PVC cover
 91 960

77 708

Auch anwendbar
Also applicable



Verbindungselement vom Trafo zum LED Band To connect the Led strip to the feeder. On pressure

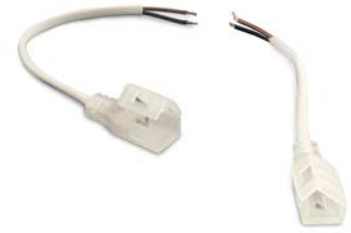


Art. Nr.	Material / Material
91 945-1	Kunststoff / plastic

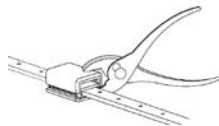
INFO

Der Verbinder kann auch bauseits mit einem Kabel verlängert werden. (Löten) Bsp. Für Treppenaugen oder Kurven

The connector can also be extended with a cable site. (Soldering) for example: curves

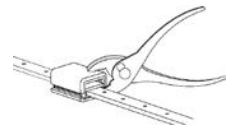


Verbindungselement zum Verbinden für 2 LED Bänder To join two Led strips linearly. On pressure



Art. Nr.	Material / Material
91 946-1	Kunststoff / plastic

Endkappe als sicherer Abschluss für LED Bänder Protects the end of the strip not connected. On pressure



Art. Nr.	Material / Material
91 948-1	Kunststoff / plastic

Trafo feeder

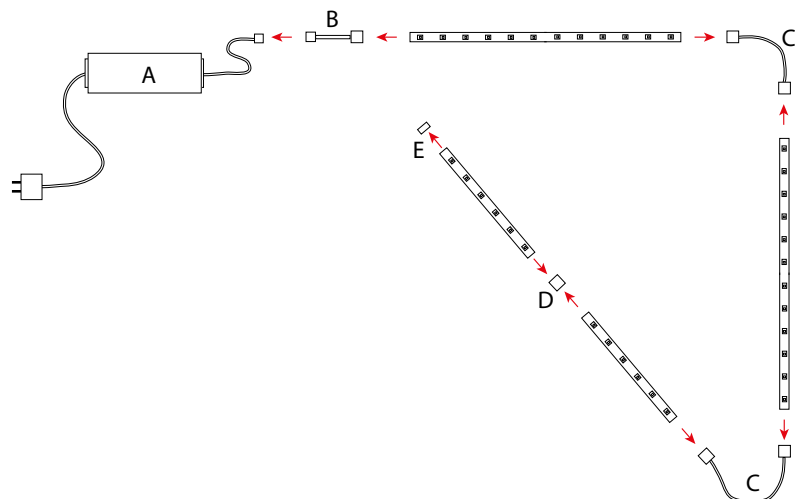
Über die Anzahl der laufenden Meter finden Sie den richtigen Trafo.
You can find the right transformer using the number of running meters.



Art. Nr.	Abmessung / dimension	Eingang / entry	Ausgang / exit	Leistung / power
91 957	140 x 30 x 20 mm	100-240 VAC	+24 V / 0,75 A	18 W < 1,5 m
91 954	148 x 40 x 30 mm	100-240 VAC	+24 V / 1,5 A	35 W < 3 m
91 953	162,5 x 42,5 x 32 mm	100-240 VAC	+24 V / 2,5 A	60 W < 5 m
91 952	190 x 52 x 37 mm	100-240 VAC	+24 V / 4,2 A	100 W < 8 m
91 962	244 x 71 x 37,5 mm	100-240 VAC	+24 V / 8,4 A	200 W < 17 m
91 963	244 x 71 x 37,5 mm	100-240 VAC	+24 V / 12,5 A	300 W < 25 m



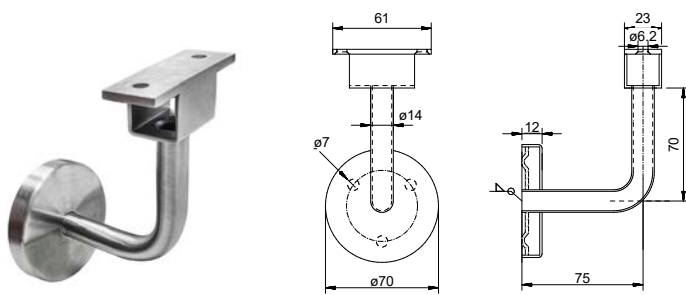
Installationsschema Installation diagram



A	91 952 91 953 91 954 91 957 91 962 91 963
B	91 945-1
C	91 945-1 (2 Stück notwendig / 2 pieces required)
D	91 946-1
E	91 948-1

VA-LED Handlaufträger mit Klirosette

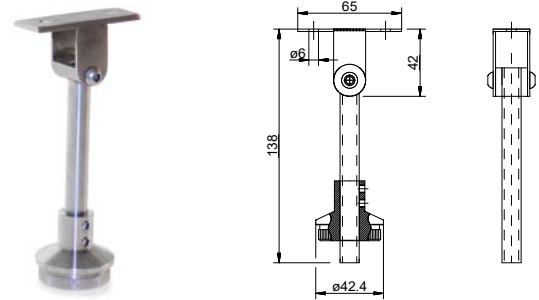
VA-LED handrail support with clip rosette



| Innen hohl für Kabelzugang

| *Hollow tube for cable access*

Art. Nr.	Material / Material
» 72 242	AISI 316



| Innen hohl für Kabelzugang

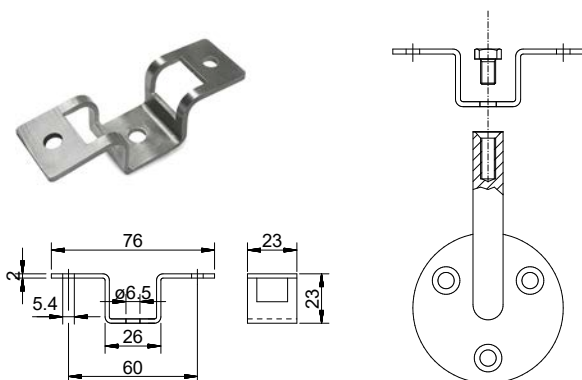
| *Hollow tube for cable access*

Art. Nr.	Material / Material
» 72 708	V2A / AISI 304

VA-LED Adapter.

Für alle Handlaufträger mit Innengewinde M6

For all handrail supports with M6 internal thread



Art. Nr.	Material / Material	Länge / Length
» 77 889	V2A / AISI 304	76 x 23 x 23 mm



| Befestigungsklammer zur LED-Abdeckung und LED-Verkabelung

| *Mounting bracket for LED cover and LED wiring*

Art. Nr.	Material / Material	Länge / Length
91 940	PVC	2000 mm

LED-Abdeckung transparent

Transparent LED cover

| Für Nutrohr
| Passend für LED-Handlaufsystem| *For grooved tube*
| *Suitable for LED handrail system*

Art. Nr.	Material / Material	Länge / Length
91 960	PVC	2000 mm

Doppelseitiges Klebeband

Double-sided tape



| Zur Montage der Befestigungsklammer 91 940

| *For mounting the mounting bracket 91 940*

Art. Nr.	Abmessung / Dimension	VE	Länge / Length
91 961	15 x 1,5 mm	1 Rolle	33 m

Nutrohr Grooved tube



| Korn 320

| Grain 320

Art. Nr.	Länge / Length	Nut / Groove
77 800-2	5 m / 42,4 x 1,5 mm	24 x 24 mm



VA Rohrverbinder Grooved tube connector



| 90 Grad, horizontal

| 90° horizontal

| Für Nutrohr gebürstet

| Brushed

Art. Nr.	für Nutrohr Ø / for grooved tube dia.
77 882	42,4 x 1,5 mm

VA Endkappe Flat cap



| Flach

| Flat

| Für Nutrohr gebürstet

| Brushed for grooved tube

Art. Nr.	für Nutrohr Ø / for grooved tube dia.
77 886	42,4 x 1,5 mm

VA Wandhalter Wall support



| Flach

| Flat

| Für Nutrohr gebürstet

| Brushed for grooved tube

Art. Nr.	für Nutrohr Ø / for grooved tube dia.
77 878	42,4 x 1,5 mm

VA Gelenkstück flexibel Upward pivotable connector



| Steigend

| Increasing

| Für Nutrohr einstellbar 25-55 Grad

| For grooved tube adjustable 25-55°

Art. Nr.	für Nutrohr Ø / for grooved tube dia.
77 940	42,4 x 1,5 mm

VA Gelenkstück flexibel Downward pivotable connector



| Fallend

| Falling

| Für Nutrohr einstellbar 25-55 Grad

| For grooved tube adjustable 25-55°

Art. Nr.	für Nutrohr Ø / for grooved tube dia.
77 942	42,4 x 1,5 mm

VA Rohrverbinder Tube connector



| Gerade

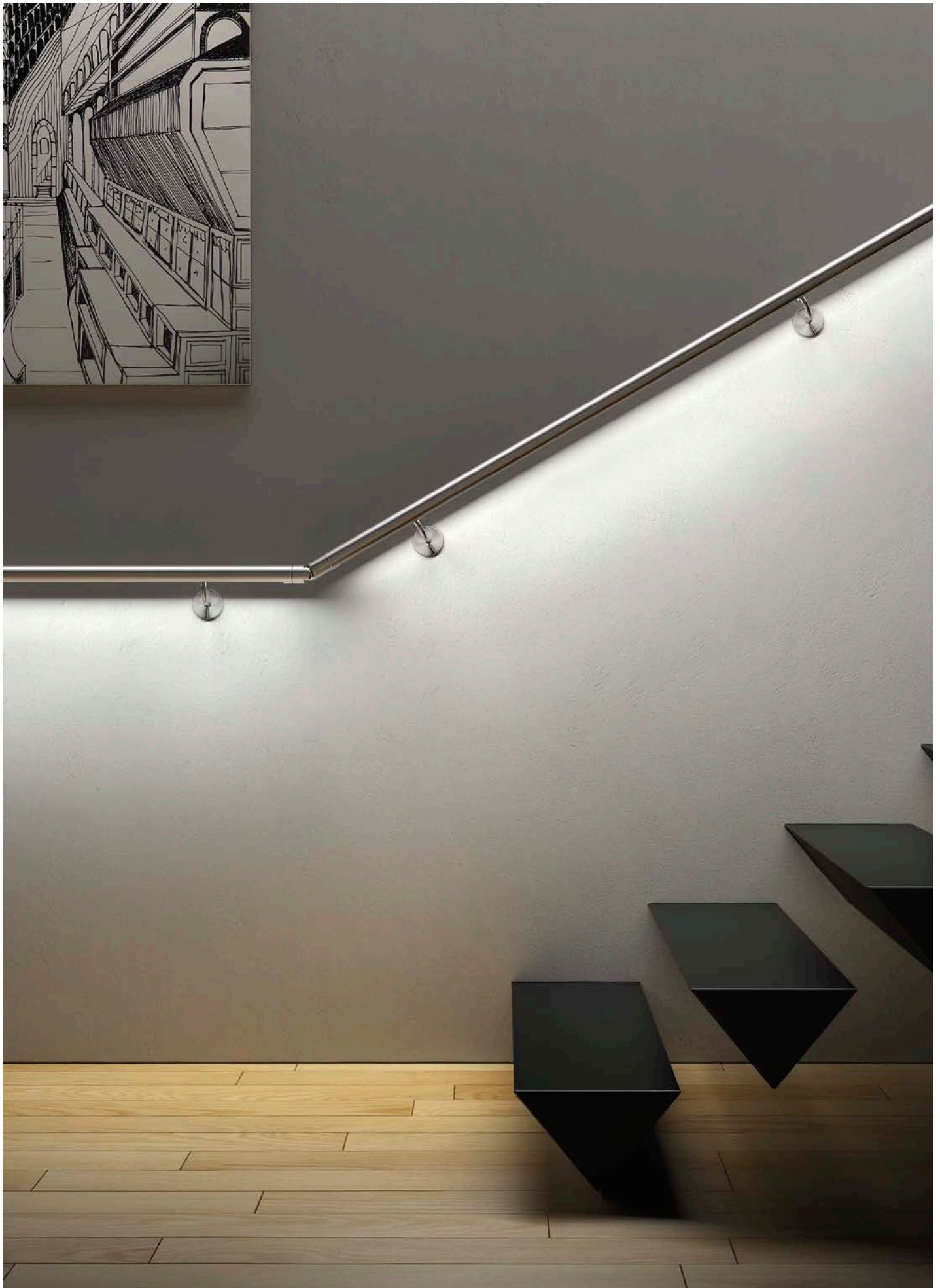
| Straight

| Für Nutrohr gebürstet

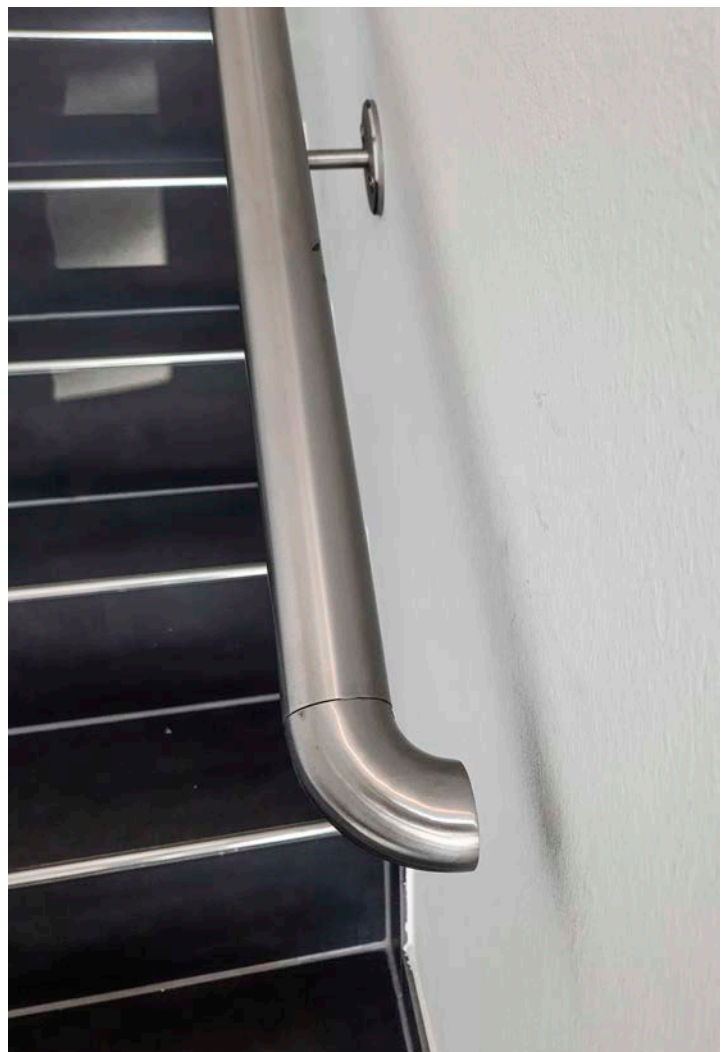
| Brushed for grooved tube

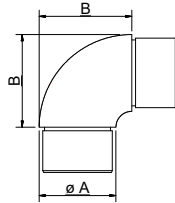
Art. Nr.	für Nutrohr Ø / for grooved tube dia.
77 884	42,4 x 1,5 mm





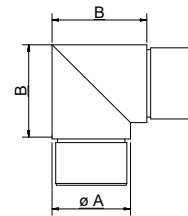
Steckverbinder *Connectors*





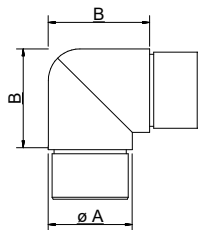
AISI304	Ø A	B
71 243-1	Ø 33,7 x 2,0 mm	52 mm
71 343	Ø 42,4 x 2,0 mm	50 mm
71 343-1	Ø 42,4 x 2,0 mm	65 mm
71 365	Ø 42,4 x 2,5 mm	65 mm
71 443	Ø 48,3 x 2,0 mm	60 mm

AISI316	Ø A	B
77 551	Ø 42,4 x 2,0 mm	65 mm

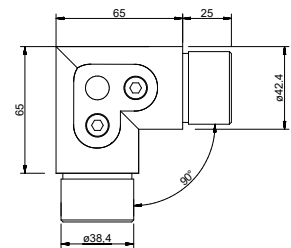


AISI304	Ø A	B
71 242-1	Ø 33,7 x 2,0 mm	37 mm
71 342	Ø 42,4 x 2,0 mm	51 mm
71 342-1	Ø 42,4 x 2,0 mm	65 mm
71 366	Ø 42,4 x 2,5 mm	65 mm
71 442	Ø 48,3 x 2,0 mm	60 mm

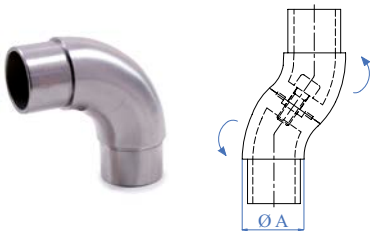
AISI316	Ø A	B
77 554	Ø 42,4 x 2,0 mm	65 mm



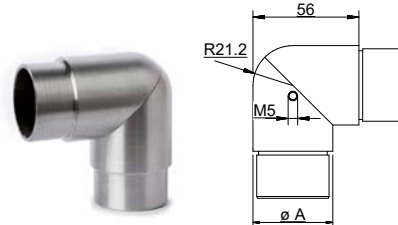
Art. Nr.	Ø A	B
71 341-33	Ø 33,7 x 2,0 mm	41 mm
71 341-42	Ø 42,4 x 2,0 mm	53 mm



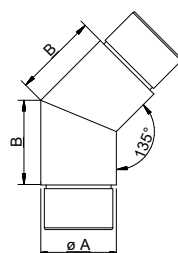
Art. Nr.	Ø
71 358	Ø 42,4 x 2,0 mm



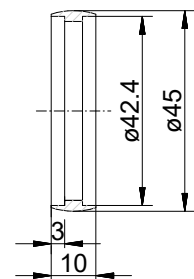
AISI304	Ø A
71 234	Ø 33,7 x 2,0 mm
71 334	Ø 42,4 x 2,0 mm
AISI316	Ø A
77 322	Ø 42,4 x 2,0 mm



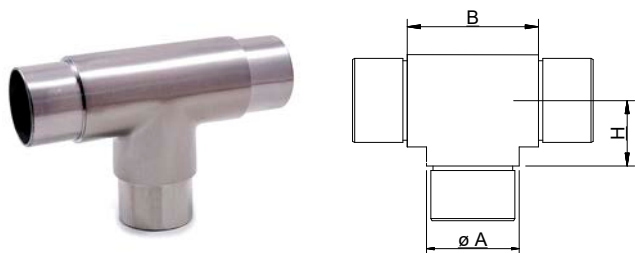
Art. Nr.	Ø A
71 334-1	Ø 42,2 x 2,0 mm



Art. Nr.	Ø A	B
71 220-1	Ø 33,7 x 2,0 mm	32 mm
71 320	Ø 42,4 x 2,0 mm	39 mm
71 321	Ø 48,3 x 2,0 mm	45 mm



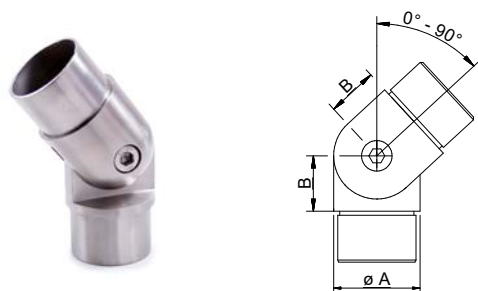
Art. Nr.	Ø A
71 219-1	Ø 42,2 x 2,0 mm



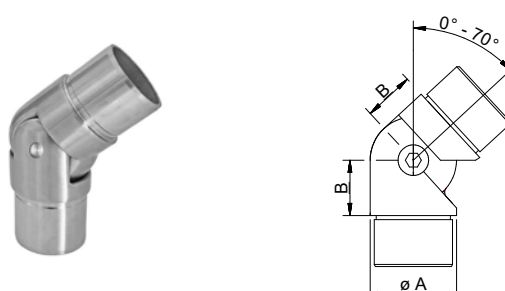
Art. Nr.	Ø A	B	H
71 244	Ø 33,7 x 2,0 mm	41 mm	24 mm
71 344-1	Ø 42,4 x 2,0 mm	60 mm	30 mm
71 346	Ø 48,3 x 2,0 mm	70 mm	35 mm



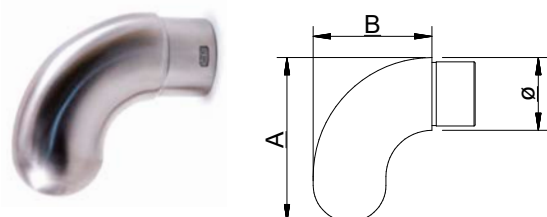
Art. Nr.	Ø A	B
71 245	Ø 33,7 x 2,0 mm	41 mm
71 345	Ø 42,4 x 2,0 mm	49 mm



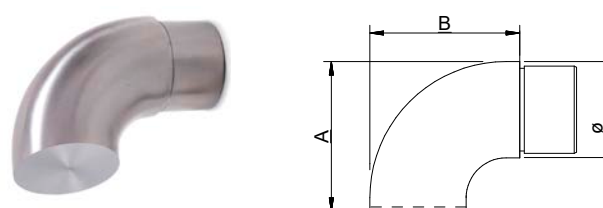
Art. Nr.	für Rohr A / tube	B
71 240	Ø 33,7 x 2,0 mm	22 mm
71 340	Ø 42,4 x 2,0 mm	22 mm
71 347	Ø 48,3 x 2,0 mm	29 mm



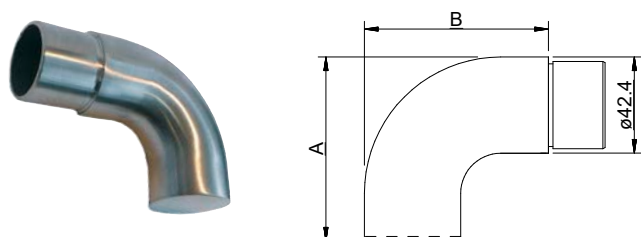
Art. Nr.	für Rohr A / tube	B
71 502	Ø 42,4 x 2,0 mm	27 mm



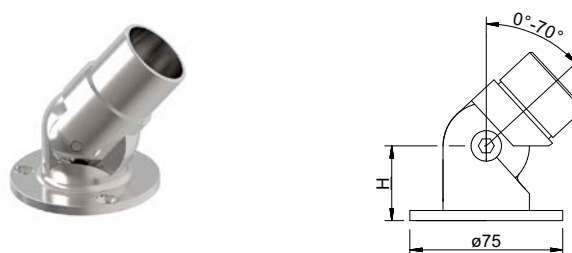
Art. Nr.	Rohr / tube	A	B
71 405	Ø 33,7 x 2,0 mm	74 mm	55 mm
71 407	Ø 42,4 x 2,0 mm	85 mm	64 mm



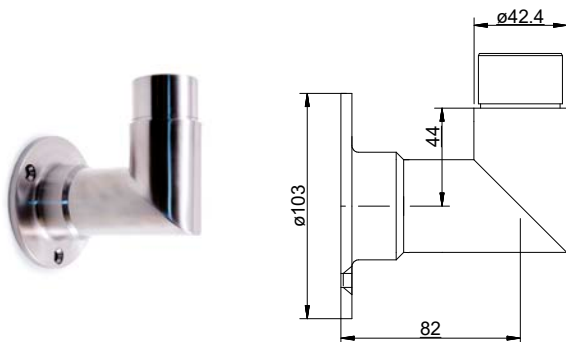
Art. Nr.	Rohr / tube	A	B
71 206	Ø 33,7 x 2,0 mm	57 mm	57 mm
71 333-1	Ø 42,4 x 2,0 mm	66 mm	66 mm



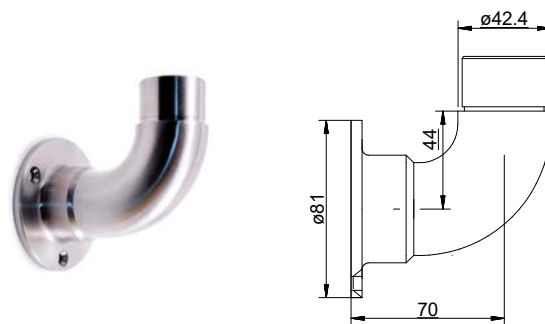
Art. Nr.	Rohr / tube	A	B
71 233	Ø 33,7 x 2,0 mm	77 mm	77 mm
71 333	Ø 42,4 x 2,0 mm	80 mm	80 mm



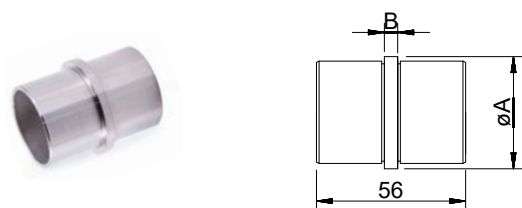
Art. Nr.	Rohr / tube	H	Bohrungen / drill
71 337-2	Ø 42,4 x 2,0 mm	30 mm	3 x Ø 6,5



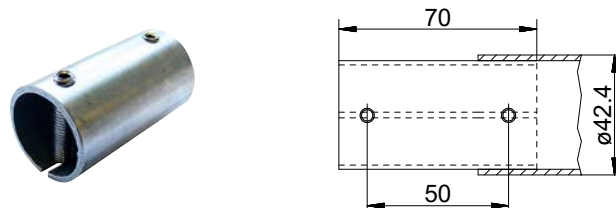
Art. Nr.	für Rohr A / tube	Bohrungen / drill
71 419	Ø 42,4 x 2,0 mm	3 x Ø 6,5 mm



Art. Nr.	für Rohr A / tube	Bohrungen / drill
71 420	Ø 42,4 x 2,0 mm	3 x Ø 6,5 mm



Art. Nr.	für Rohr A / tube	B
71 210	Ø 33,7 x 2,0 mm	5 mm
71 310	Ø 42,4 x 2,0 mm	5 mm
71 314	Ø 42,4 x 2,5 mm	5 mm
71 309	Ø 48,3 x 2,0 mm	6 mm



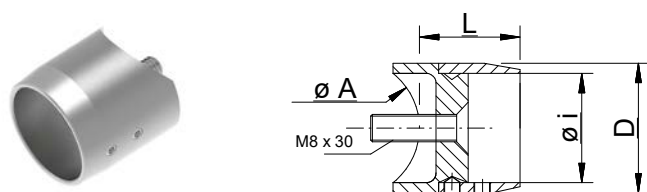
Art. Nr.	für Rohr A / tube
71 386	Ø 42,4 x 2,0 mm



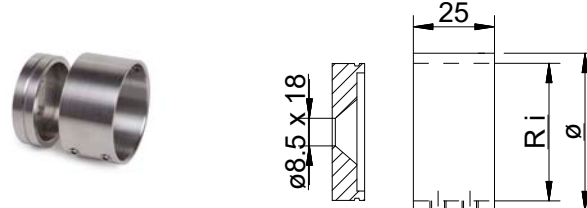
Art. Nr.	für Rohr A / tube	Ø R	H
71 224	Ø 33,7 x 2,0 mm	Ø 33,7 mm	5 mm
71 227	Ø 33,7 x 2,0 mm	Ø 42,4 mm	5 mm
71 324	Ø 42,4 x 2,0 mm	Ø 42,4 mm	5 mm



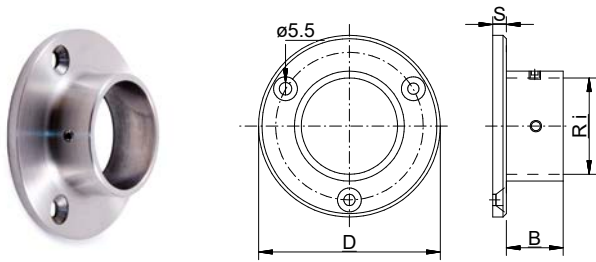
Art. Nr.	für Rohr A / tube	Ø R	H
E454-304	Ø 42,4 x 2,0 mm	Ø 42,4 mm	9 mm



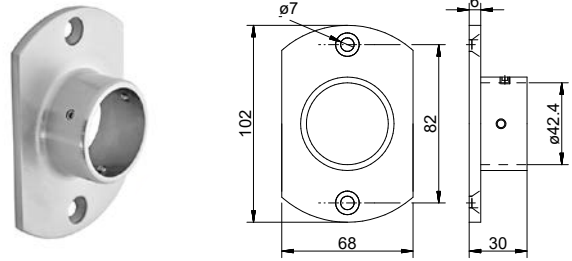
Art. Nr.	für Rohr A / tube	Ø i	L	D
72 255-33	Ø 33,7	Ø 33,7 mm	30 mm	40 mm
72 255	Ø 42,4	Ø 33,7 mm	34 mm	40 mm
72 255-42	Ø 42,4	Ø 42,4 mm	34 mm	48,5 mm



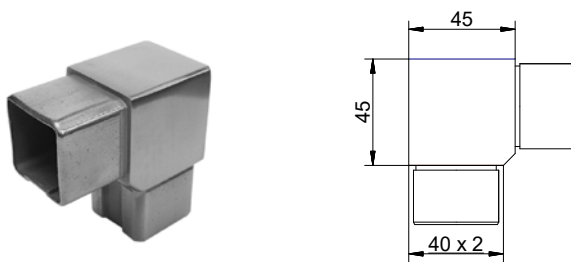
Art. Nr.	R i	Ø
72 385-1	Ø 33,7	Ø 40 mm
72 302-1	Ø 42,4	Ø 48,6 mm
72 303-1	Ø 48,3	Ø 54,5 mm



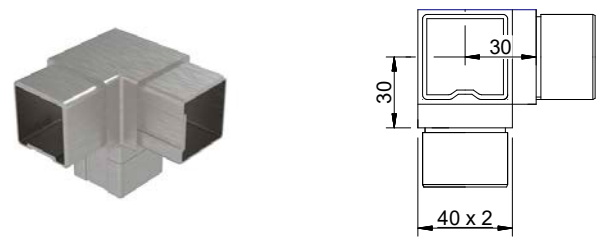
Art. Nr.	Ri	D	B	S
72 304-1	Ø 33,7 mm	Ø 85 mm	30 mm	6 mm
72 305-1	Ø 42,4 mm	Ø 80 mm	25 mm	6 mm
72 305-48	Ø 48,3 mm	Ø 100 mm	35 mm	6 mm



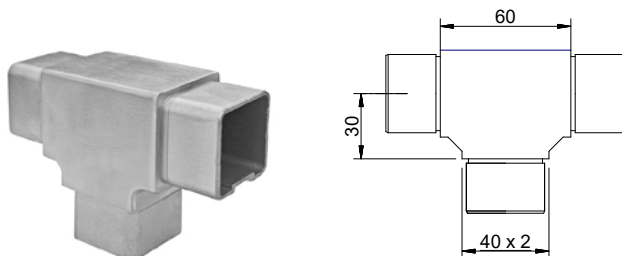
Art. Nr.	Rohr / tube
72 305-42	Ø 42,4 mm



Art. Nr.	Rohr / tube
71 743-1	40 x 40 x 2,0 mm



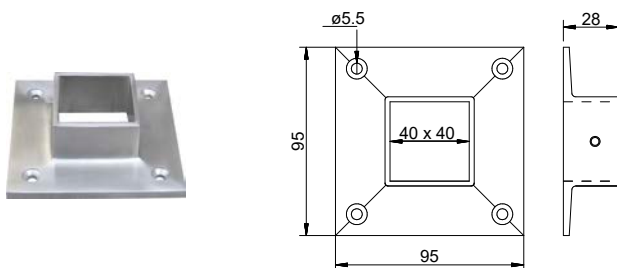
Art. Nr.	Rohr / tube
71 427	40 x 40 x 2,0 mm



Art. Nr.	Rohr / tube
71 428	40 x 40 x 2,0 mm



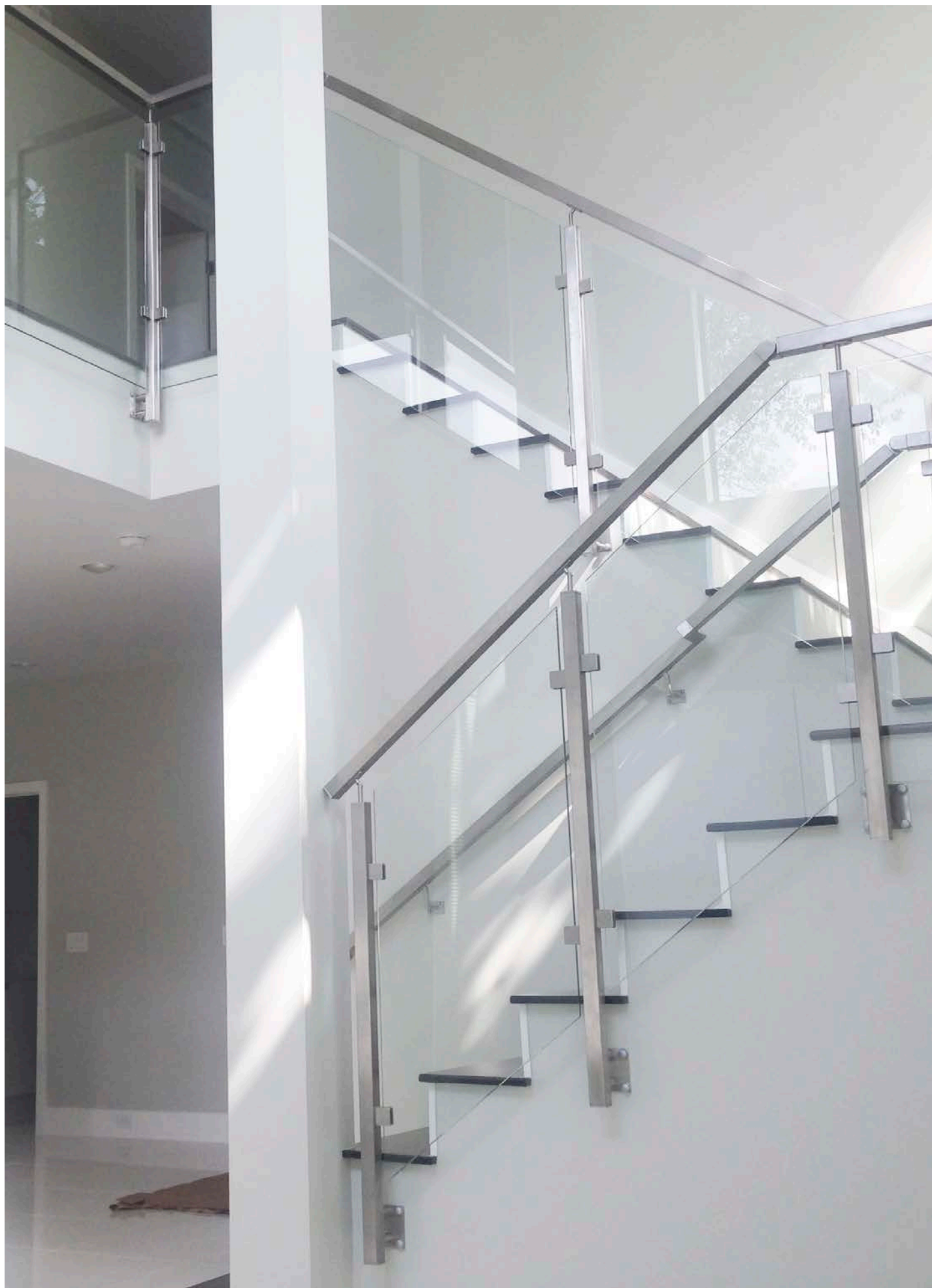
Art. Nr.	Rohr / tube
71 729	40 x 40 x 2,0 mm



Art. Nr.	Rohr / tube
71 730	40 x 40 mm



Art. Nr.	Rohr / tube
71 728	40 x 40 mm

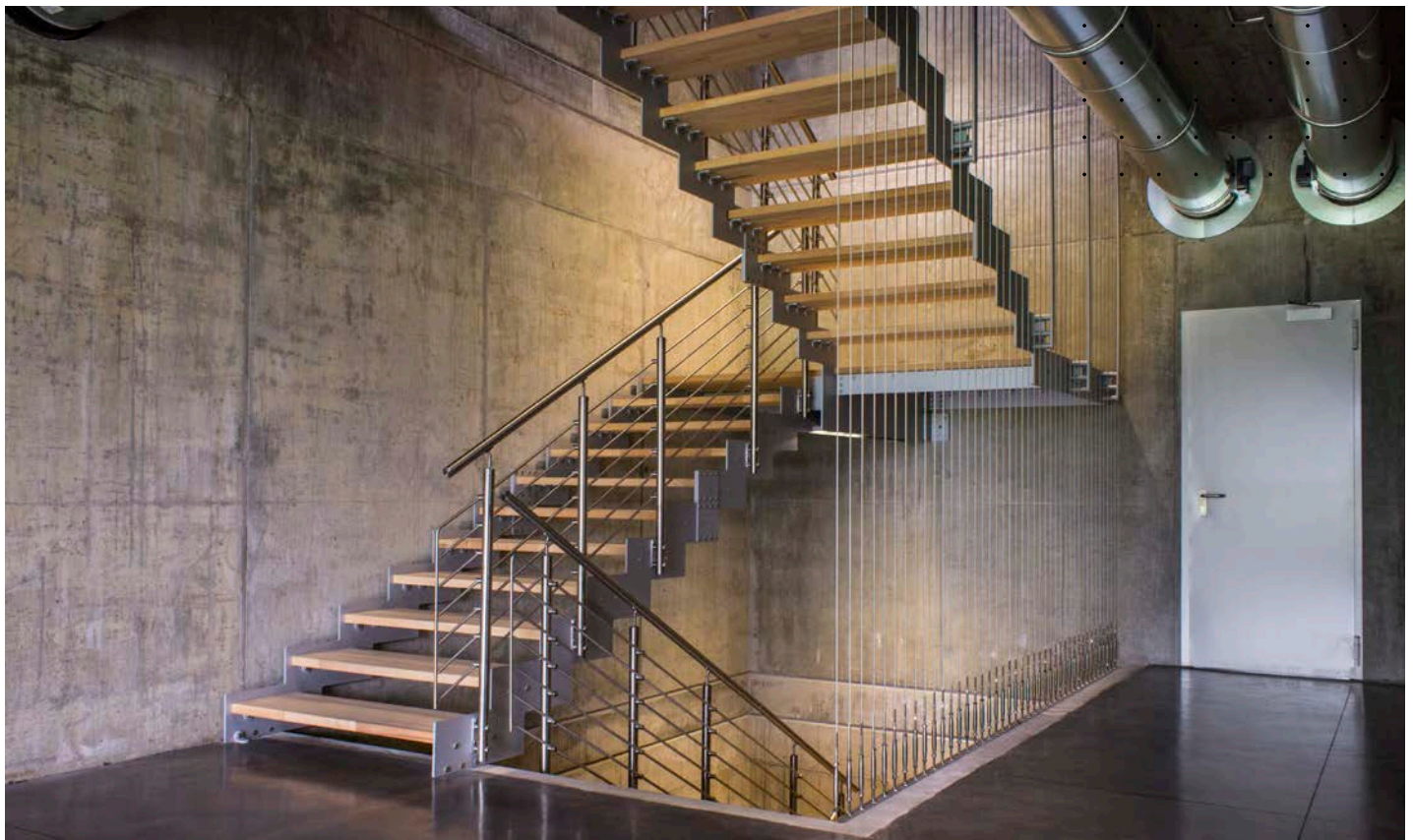


Traversenhalter *Crossbar brackets*

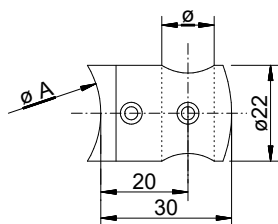
Klare Linien.

Ein Klassiker der modernen Architektur. Bauteile zum realisieren von Querstabgeländern.

A classic of modern architecture. Components for realizing cross bar railings.



Traversenhalter 2-tlg. Round bar holder 2 parts



AISI304/V2A

mit Durchgangsbohrung
360 Grad drehbar

with through hole
360 degree rotatable

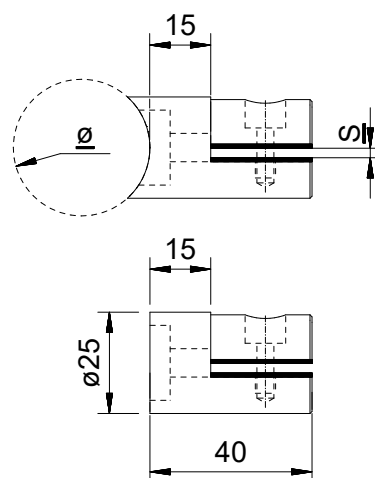
Art. Nr.	Ø A	Ø
72 110-1	Ø 33,7 mm	Ø 10,2 mm
72 111-1	Ø 33,7 mm	Ø 12,2 mm
72 115-1	Ø 42,4 mm	Ø 10,2 mm
72 116-2	Ø 42,4 mm	Ø 12,2 mm
72 117	Ø 42,4 mm	Ø 14,2 mm
72 113	Ø 48,3 mm	Ø 12,2 mm
72 114	Ø 48,3 mm	Ø 14,2 mm
72 118-1	Flach	Ø 10,2 mm
72 119-1	Flach	Ø 12,2 mm



Blechhalter 2-tlg. Sheet holder 2 parts

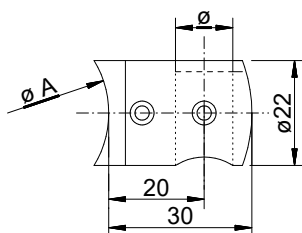


AISI304/V2A



Art. Nr.	Ø	S
72 180-1	flach	1,5 -3 mm
72 181	Ø 33,7 mm	1,5 -3 mm
72 182	Ø 42,4 mm	1,5 -3 mm

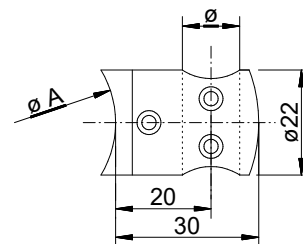
Traversenhalter mit Sacklochbohrung 2-tlg. Round bar holder with blind hole 2 parts



AISI304/V2A

Art. Nr.	Ø A	Ø
72 138	Ø 42,4 mm	Ø 10,2 mm rechts
72 139	Ø 42,4 mm	Ø 10,2 mm links
72 123	Ø 42,4 mm	Ø 12,2 mm rechts
72 122	Ø 42,4 mm	Ø 12,2 mm links
72 134	Ø flach	Ø 12,2 mm rechts
72 135	Ø flach	Ø 12,2 mm links

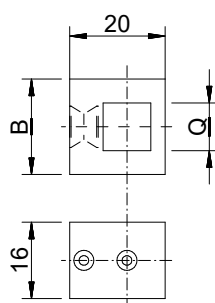
Traversenhalter zum Stoßen 2-tlg. Round bar holder to poke 2 parts



AISI304/V2A

Art. Nr.	Ø A	Ø
72 124	Ø 33,7 mm	Ø 10,2 mm
72 125	Ø 42,4 mm	Ø 10,2 mm
72 126	Ø 42,4 mm	Ø 12,2 mm
72 121	Ø flach	Ø 12,2 mm

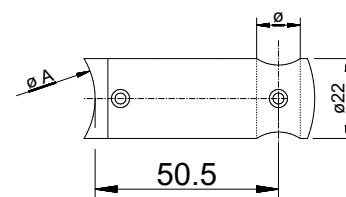
Traversenhalter Eckig 2-tlg. Bar holder square 2 parts



AISI304/V2A

Art. Nr.	B	Q
72 120-10	20 mm	10 x 10 mm
72 120-12	23 mm	12 x 12 mm

Traversenhalter lange Ausführung 2-tlg. Bar holder long 2 parts

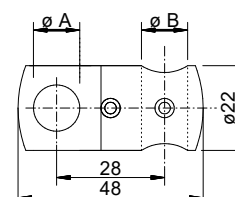


AISI304/V2A

Art. Nr.	Ø A	Ø
73 240	Ø 42,4 mm	Ø 12,2 mm
73 245	flach	Ø 12,2 mm



Stab Traversenhalter 2-tlg. Auch für Treppengeländer geeignet Rod bar holder long 2 parts Also suitable for banisters

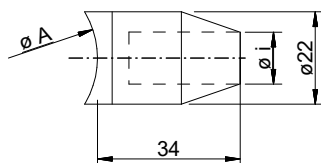


AISI304/V2A

Art. Nr.	Ø A	Ø B
72 136-1	Ø 12,2 mm	Ø 12,2 mm
72 137-1	Ø 14,2 mm	Ø 12,2 mm



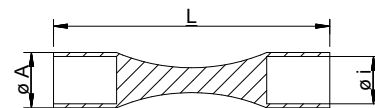
Stabhalter 2-tlg. vertikal Barholder vertical



AISI304/V2A

Art. Nr.	Ø A	Ø i
72 250-42	Ø 42,4 mm	Ø 12,2 mm
72 250-33	Ø 33,7 mm	Ø 12,2 mm
72 250-00	flach	Ø 12,2 mm

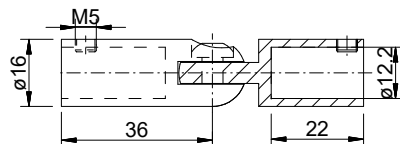
Mit Soll Biegestelle With target bending point



AISI304/V2A

Art. Nr.	Ø A	Ø i	L
72 159	Ø 12 mm	Ø 10 mm	80 mm
72 156	Ø 14 mm	Ø 12 mm	70 mm

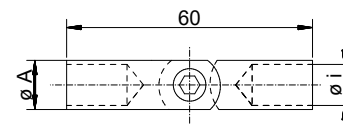
Stabverbinder variabel 0-90° Rod connector variable 0-90°



AISI304/V2A

Art. Nr.	Ø i
72 150-2	Ø 12,2 mm

Stabverbinder variabel 0-90° Rod connector variable 0-90°

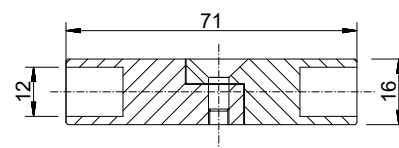


AISI304/V2A

Art. Nr.	Ø A	Ø i
72 154-1	Ø 12 mm	Ø 10 mm
72 150-1	Ø 14 mm	Ø 12 mm



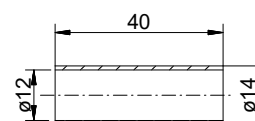
Stabverbinder variabel 0-90° Rod connector variable 0-90°



AISI304/V2A

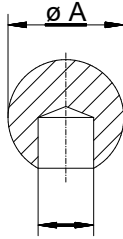
Art. Nr.	Ø i
72 150-12	12 x 12 mm

VA Stabverbinder 180° Connector 180°



AISI304/V2A

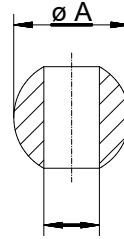
Art. Nr.	Ø i
72 158	Ø 12 mm

VA-Vollkugel
Solid ball


- | Mit Sacklochbohrung
- | With blind hole
- | *Für beschichtete Stäbe
- | *For coated rods

AISI304/V2A

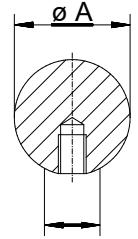
Art. Nr.	Ø A	(B)
72 607	Ø 20 mm	Ø 10,2 mm
72 608-1	Ø 20 mm	Ø 12,2 mm
72 605*	Ø 20 mm	Ø 12,6 mm
71 360	Ø 20 mm	Ø 14,2 mm
72 612-1	Ø 25 mm	Ø 12,2 mm
72 606*	Ø 25 mm	Ø 12,6 mm
72 613	Ø 25 mm	Ø 14,2 mm

VA-Vollkugel
Solid ball


- | Mit Durchgangsbohrung
- | With through hole

AISI304/V2A

Art. Nr.	Ø A	(B)
74 615	Ø 20 mm	Ø 12,2 mm
72 616	Ø 25 mm	Ø 12,2 mm
78 619	Ø 30 mm	Ø 12,2 mm

VA-Vollkugel
Solid ball


- | Mit Sacklochgewinde
- | With blind thread

AISI304/V2A

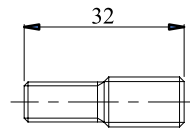
Art. Nr.	Ø M	(B)
72 610	Ø 20 mm	M6
72 611	Ø 25 mm	M6
72 618	Ø 30 mm	M6
72 619	Ø 40 mm	M8

VA-Hohlkugel
Hollow sphere

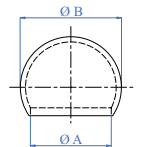

- | Mit Sacklochgewinde
- | With blind thread

AISI304/V2A

Art. Nr.	Ø A	(M)
72 620-1	Ø 50 mm	M8
72 621	Ø 60 mm	M8
72 626-1	Ø 68 mm	M8
72 622	Ø 80 mm	M8
72 623	Ø 100 mm	M10
72 624	Ø 120 mm	M10
72 648	Ø 150 mm	M10
72 625	Ø 200 mm	M12

Gewindeadapter
Thread adapter

AISI304/V2A

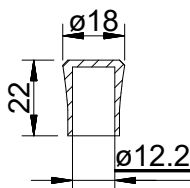
Art. Nr.	Gewinde / Thread
78 589	M6-M8
78 590	M8-M10

VA-Rohrabschlusskugel
Tube end ball


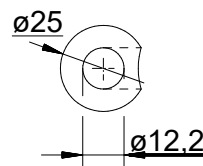
- | Hohl
- | Hollow

AISI304/V2A

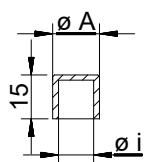
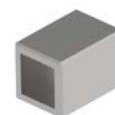
Art. Nr.	Ø A	Ø B
71 254-1	Ø 33,7 mm	Ø 48 mm
71 354	Ø 42,4 mm	Ø 55 mm
71 354-48	Ø 48,3 mm	Ø 65 mm

VA-Abschlusskappe
Endcap

AISI304/V2A

Art. Nr.	Abmessung / Dimension	Bohrung / Drilling
72 423-1	Ø 18 x 22 mm	Ø 12,2 mm

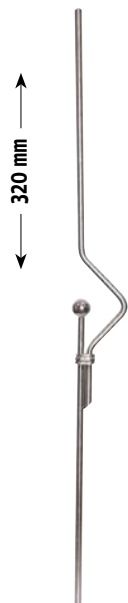
VA-Kugelverbinder 90°
Ball connector 90°

AISI304/V2A

Art. Nr.	Abmessung / Dimension	Bohrung / Drilling
72 627	Ø 25 mm	Ø 12,2 mm

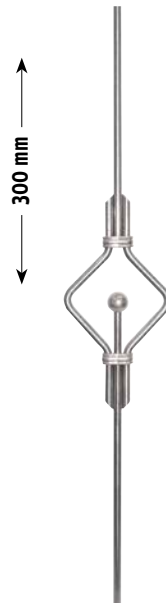
VA-Abschlusskappe
Endcap

AISI304/V2A

Art. Nr.	Abmessung / Dimension	Bohrung / Drilling
72 424	Ø 15 x 15 mm	Ø 10,2 mm
72 425	Ø 16 x 15 mm	Ø 12,2 mm
72 426-10	14 x 14 x 20 mm	10 x 10 mm
72 426-12	16 x 16 x 20 mm	12 x 12 mm

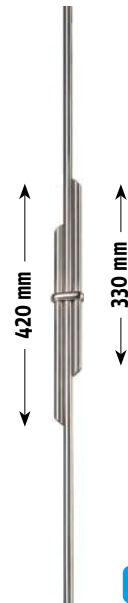
VA-Zierstäbe Decorative bars



AISI304/V2A



AISI304/V2A



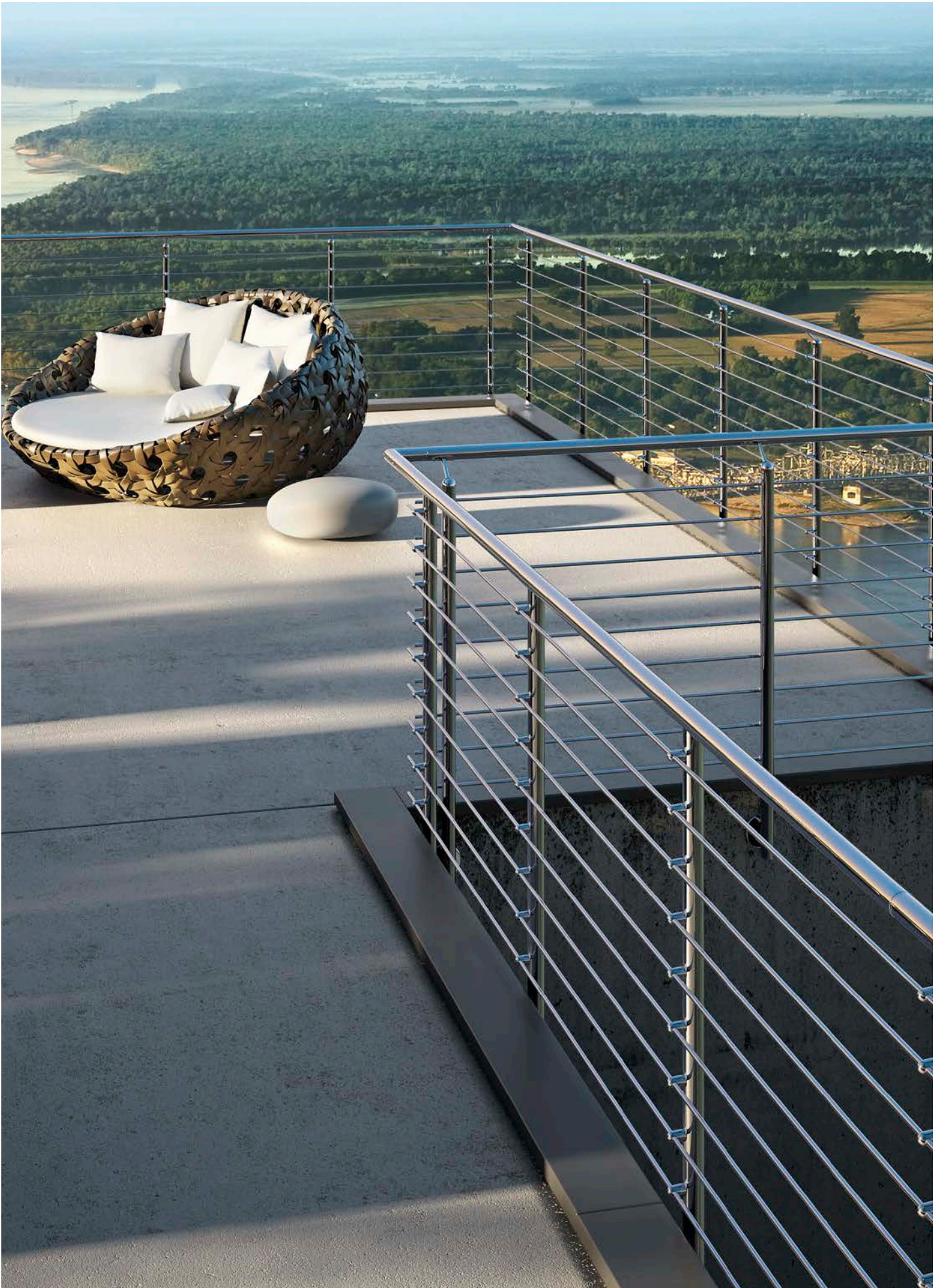
AISI304/V2A

Art. Nr.	Ø	B	H
73 364	12 mm	80 mm	1000 mm

Art. Nr.	Ø	B	H
73 360	12 mm	140 mm	1000 mm

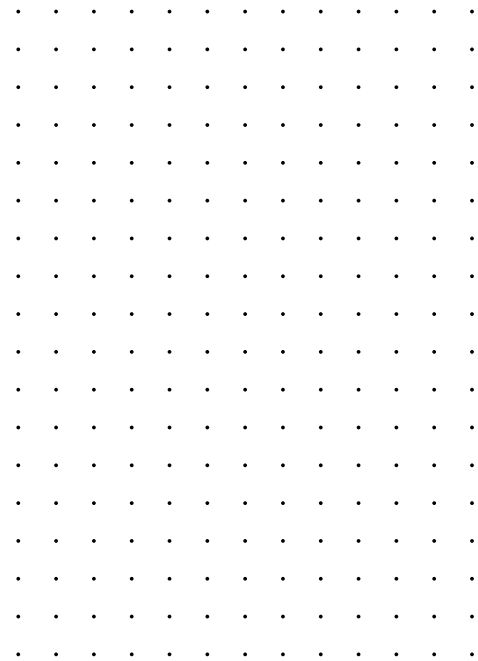
Art. Nr.	Ø	B	H
73 306-12	12 mm	45 mm	950 mm



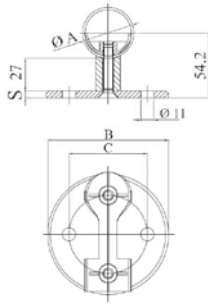


Ronden & Ankerplatten

Discs & anchor plates



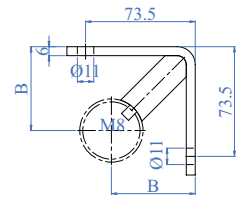
VA-Wangenbefestigung Lateral anchorages



AISI304/V2A

Art. Nr.	B	C	S	ØA
72 451	Ø100 mm	65 mm	6 mm	42,4 mm

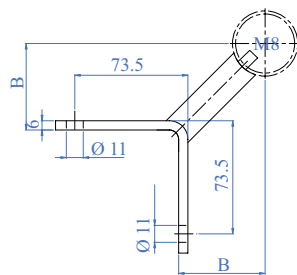
Innenecke 90° Corner lateral anchorages



AISI304/V2A

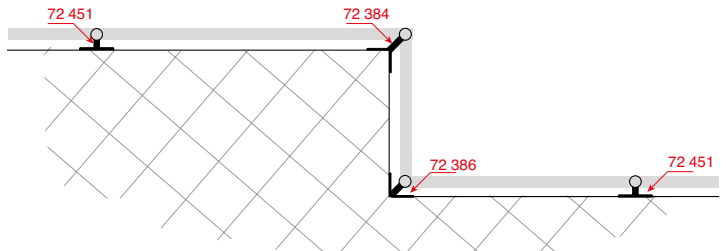
Art. Nr.	B
72 386	54,2 mm

Außenecke 90° Corner lateral anchorages

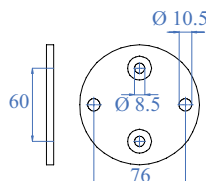


AISI304/V2A

Art. Nr.	B
72 384	54,2 mm



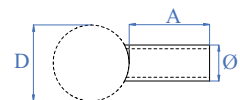
Ankerplatte Anchor plate



AISI304/V2A

Art. Nr.	Ø
72 358-1	100 x 6 mm

Distanzhülsen einzeln Spacer leave single

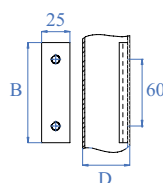


AISI304/V2A

Passend für Anschraubplatte 72 358-1
Suitable for mounting plate 72 358-1

Art. Nr.	A	Ø	D
72 399	27 mm	20 x 2,0 mm	Ø 42,4
72 390	45 mm	20 x 2,0 mm	Ø 42,4
72 391	100 mm	20 x 2,0 mm	Ø 42,4

Montageplatte Support plate



AISI304/V2A

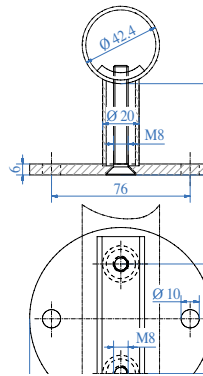
Art. Nr.	D	B
72 393	33,7 – 42,4 mm	90

Befestigungsschraube DIN 7991 Fastening screw DIN 7991



Art. Nr.	Abmessung / Dimension
72 804	M8 x 60 mm
72 806	M8 x 80 mm
72 809	M8 x 100 mm

Wangenbefestigung Lateral anchorages

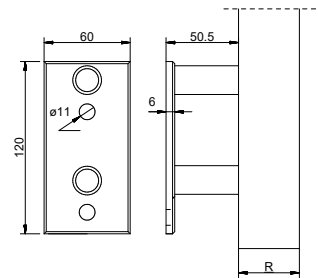


AISI304/V2A

Art. Nr.

72 366

Wangenbefestigung f. Rund u. Quadratrohr Lateral anchorages f. round and square tube



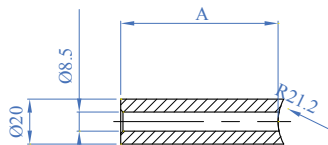
AISI304/V2A

Art. Nr. Rohr / Tube

72 359 40 x 40 mm

72 360 Ø 42,4 mm

Distanzhülsen Spacer

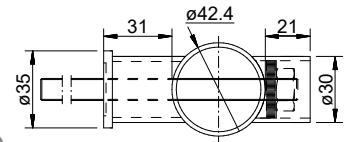


AISI304/V2A

| Vollmaterial
| Solid material

Art. Nr.	A	Rohr / Tube
72 334	50 mm	Ø 33,7 mm
72 335	50 mm	Ø 42,4 mm

Ankerbefestigung. Gewinde M10 x 190 mm Anchor element. Thread M10 x 190 mm

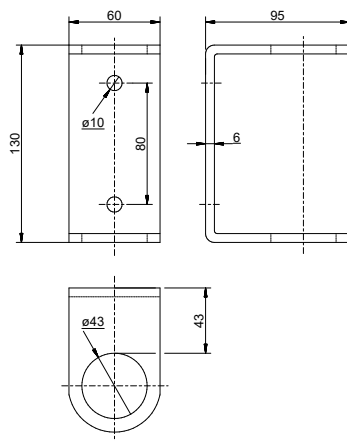


AISI304/V2A

Art. Nr.

72 082

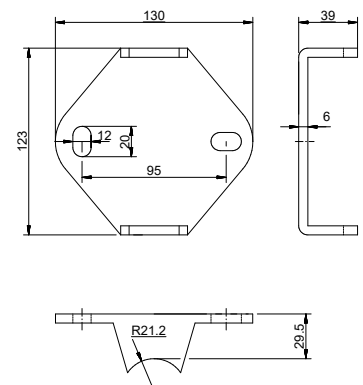
Wangenbefestigungen z. Schweißen Lateral anchorages for welding



AISI304/V2A

Art. Nr.

72 376

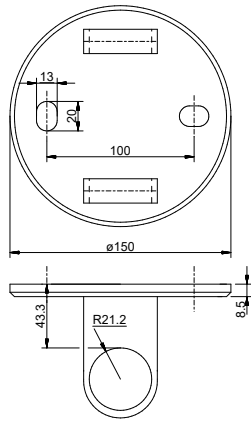


AISI304/V2A

Art. Nr.

72 378

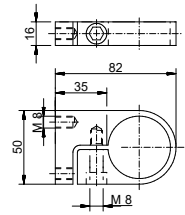
Wangenbefestigung Lateral anchorages



AISI304/V2A

Art. Nr.	Ø	Rohr / Tube
72 365-1	150 mm	Ø 42,4 mm

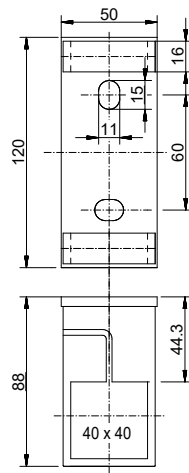
Spannelement inkl. Montageschrauben M8 Tensioning element incl. M8 mounting screws



AISI304/V2A

Art. Nr.	Rohr / Tube
72 375	Ø 42,4 mm

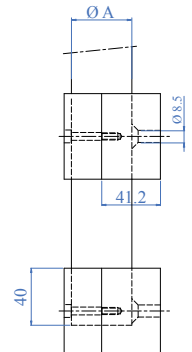
Wangenbefestigung Lateral anchorages



AISI304/V2A

Art. Nr.	B x H	Rohr / Tube
71 735	50 x 120 mm	40 x 40 mm

Wangenbefestigung Lateral anchorages



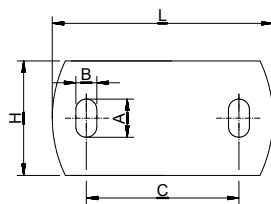
AISI304/V2A

| 2-teilig
| Für Geländerpfosten

| 2 parts
| For railing posts

Art. Nr.	ØA	Ø
72 387	42,4 mm	60 mm

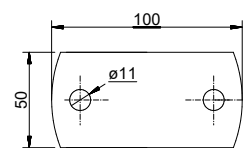
Ankerplatten Langloch. Geschliffen Anchor plate. Satinate



AISI304/V2A

Art. Nr.	L	H	A	B	C	S
72 333	120 mm	60 mm	20 mm	11mm	80mm	6 mm
72 333-1	120 mm	80 mm	20 mm	11mm	80mm	6 mm

Ankerplatten Rundloch. Geschliffen Anchor plate. Satinate



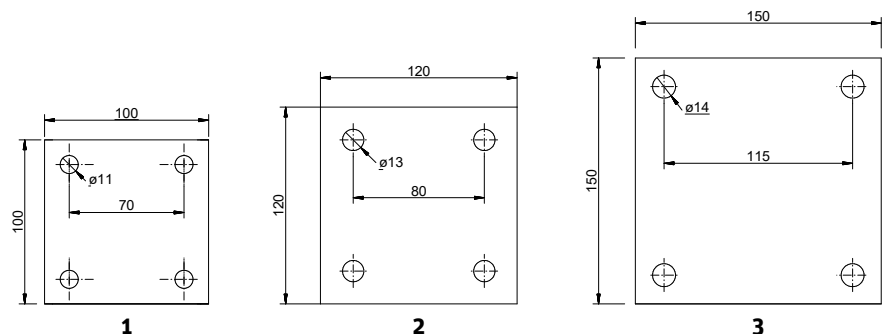
AISI304/V2A

Art. Nr.	S
72 332-1	6 mm

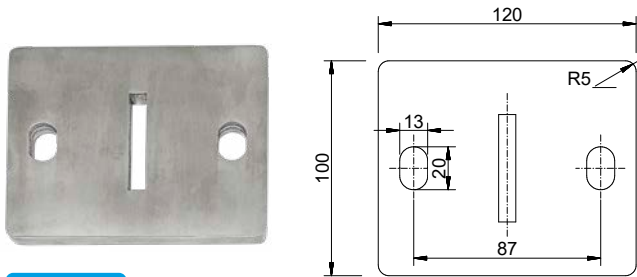
Ankerplatten. Geschliffen Anchor plate. Satinate

AISI304/V2A

Art. Nr.	B	H	S
1 72 336	100 mm	100 mm	6 mm
1 72 337	100 mm	100 mm	8 mm
2 72 338	120 mm	120 mm	8 mm
3 72 339	150 mm	150 mm	8 mm



Ankerplatte zum Schweißen. Geschliffen
Anchor plate for welding. Satinate



AISI304/V2A

Art. Nr.	B	H	S
72 341	120 mm	100 mm	8 mm

Schwert kurz. Geschliffen
Sword short. Satinate



AISI304/V2A

Art. Nr.	S
72 342	8 mm

Ankerplatte zum Schweißen. Geschliffen
Anchor plate for welding. Satinate

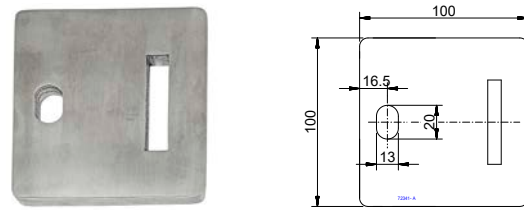


AISI304/V2A

| Für Eckpfosten - Außenmaß passend in Kombination zu Schwert kurz 72 342
| *For corner posts - external dimensions suitable in combination with centreboard short 72 342*

Art. Nr.	S
72341-E	8 mm

Ankerplatte zum Schweißen. Geschliffen
Anchor plate for welding. Satinate



AISI304/V2A

| Für Endpfosten

| *For end posts*

Art. Nr.	S
72 341-A	8 mm

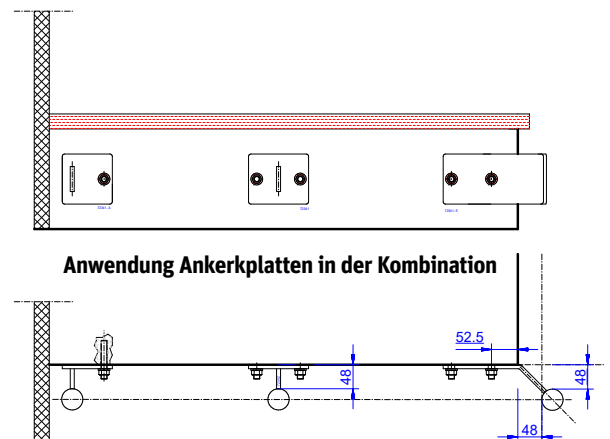
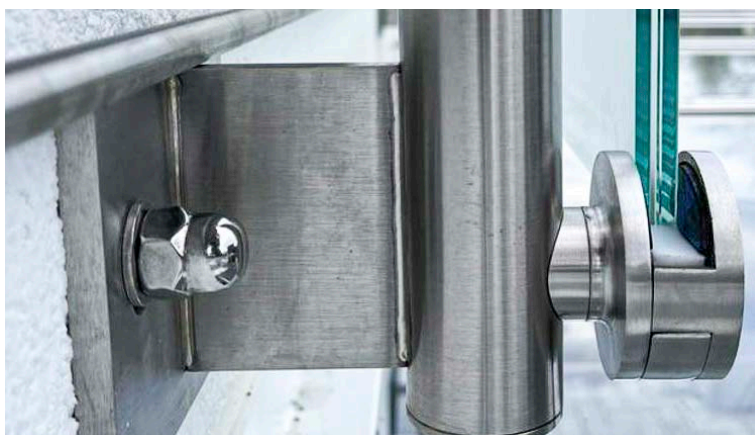
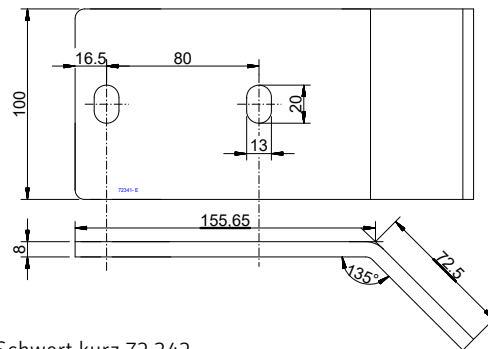


Schwert lang. Geschliffen
Sword long. Satinate

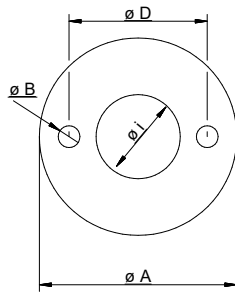


AISI304/V2A

Art. Nr.	S
72 343	8 mm



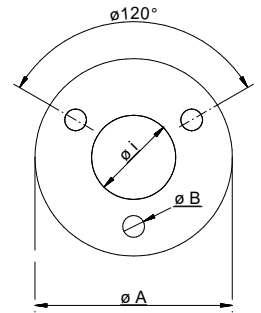
Flanschplatten m. 2 Bohrungen Flange plates with 2 holes



AISI304/V2A | Geschliffen
Ground

Art. Nr.	ØA	Øi	ØD	ØB	S
72 321	100 mm	43 mm	75 mm	11 mm	6 mm
72 329	120 mm	43 mm	90 mm	11 mm	6 mm
72 322	120 mm	49 mm	90 mm	11 mm	6 mm

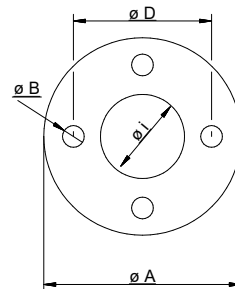
Flanschplatten m. 3 Bohrungen Flange plates with 3 holes



AISI304/V2A | Geschliffen
Ground

Art. Nr.	ØA	Øi	ØD	ØB	S
74 412	100 mm	34 mm	70	9 mm	6 mm
74 413-1	100 mm	43 mm	70 mm	11 mm	6 mm
74 415	120 mm	49 mm	90mm	11 mm	6 mm

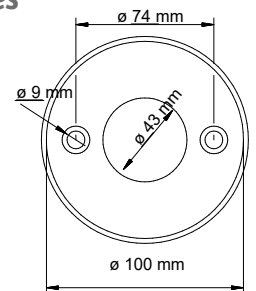
Flanschplatten m. 4 Bohrungen Flange plates with 4 holes



AISI304/V2A | Ungeschliffen
Raw

Art. Nr.	ØA	Øi	ØD	ØB	S
72 351	80 mm	34 mm	56 mm	9 mm	6 mm
72 361	100 mm	43 mm	72 mm	11 mm	6 mm

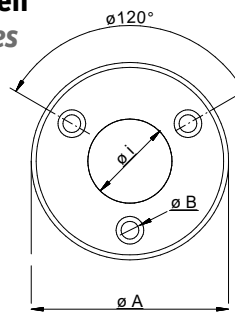
Flanschplatten m. 2 Senk-Bohrungen Flange plates w. 2 countersunk holes



AISI304/V2A | Geschliffen und gefast
Countersink and chamfer

Art. Nr.
72 349

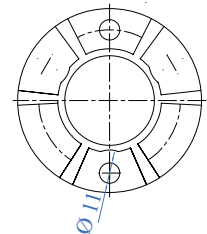
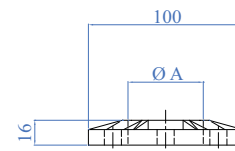
Flanschplatten m. 3 Senk-Bohrungen Flange plates w. 3 countersunk holes



AISI304/V2A | Geschliffen und gefast
Countersink and chamfer

Art. Nr.	ØA	Øi	ØB	S
72 348	100 mm	34 mm	9 mm	6 mm
72 319	100 mm	43 mm	9 mm	6 mm

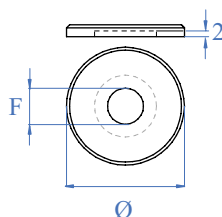
Flanschplatten m. 2 Bohrungen Flange plates with 2 holes



AISI304/V2A | Ungeschliffen
Raw

Art. Nr.	ØA
72 372	43 mm

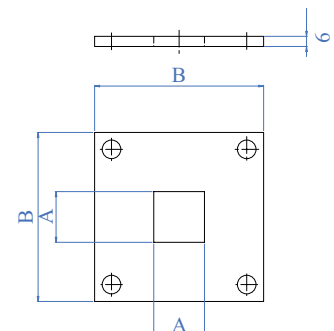
Flach Rosette Flat cover



AISI304/V2A | Gelocht | Perforated
Platte umseitig abgedreht | Turned plate overleaf
Mit Fase geschliffen | Ground with bevel

Art. Nr.	Abmessung / Dimension	Bohrung / Drilling
72 410	Ø 40 x 4 mm	Ø 12,2 mm

Ankerplatte geschliffen Anchorplate satinate

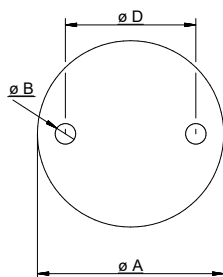


AISI304/V2A

Art. Nr.	A	B	Bohrung / Drilling
71 731	40 x 40 mm	100 mm	11 mm

Ronde – Geschliffen m. Bohrungen

Anchor plate one side brushed

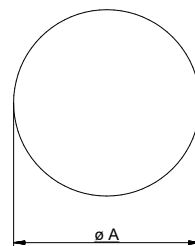


AISI304/V2A | Gelocht | Perforated
| Geschliffen | Ground

Art. Nr.	ØA	ØD	ØB	S
72 314	64 mm	43 mm	6,5 mm	4 mm
72 313	70 mm	50 mm	11 mm	6 mm
72 315	80 mm	50 mm	11 mm	6 mm
72 316	100 mm	75 mm	11 mm	6 mm
72 344-1	100 mm	75 mm	14 mm	8 mm
72 318-1	120 mm	90 mm	11 mm	6 mm
72 345	120 mm	90 mm	14 mm	8 mm

Ronde – Geschliffen ohne Bohrungen

Anchor plate one side brushed without holes



AISI304/V2A

Art. Nr.	Abmessung (A x B) / Dimension
72306-1	Ø 33 x 4 mm
72307-1	Ø 42,4 x 4 mm
72308-1	Ø 48 x 4 mm
72 309	Ø 60 x 4 mm
72 310	Ø 70 x 6 mm
72325-1	Ø 80 x 6 mm
72326-1	Ø 100 x 6 mm
72312-1	Ø 120 x 6 mm

Ronde m. 3 Bohrungen

Anchor plate one side brushed

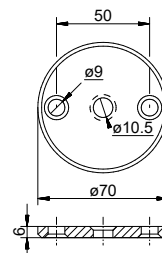


AISI304/V2A

Art. Nr.	S
72 403	6 mm

Ronde m. 3 Senkbohrungen

Anchor plate one side brushed



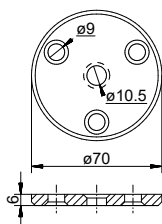
AISI304/V2A

| Geschliffen und gefast
| Countersink and chamfer

Art. Nr.	S
72 405	6 mm

Ronde m. 4 Senkbohrungen

Anchor plate one side brushed

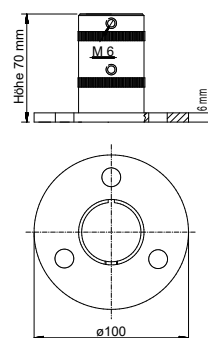


AISI304/V2A | Geschliffen und gefast
| Countersink and chamfer

Art. Nr.	S
72 406	6 mm

Wand – und Bodenanker

Wall and bottom fastening



AISI304/V2A

| Mit 2 Klemmschrauben
| With two fastening screws

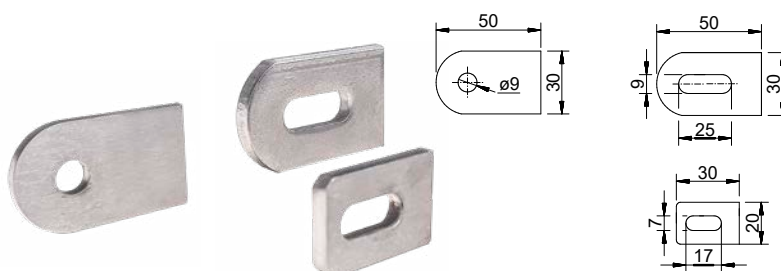
Art. Nr.	S
71 375	6 mm

Anschweißblaschen einseitig geschliffen

Welding parts, one side brushed

AISI304/V2A

Art. Nr.	B x H	Lochung / Perforation	S
72 380-1	30 x 20 mm	Ø 7 x 17 mm	4 mm
72 380-3	50 x 30 mm	Ø 9	4 mm
72 380	50 x 30 mm	Ø 9 x 25	6 mm

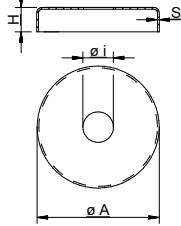


Rosetten für Rundmaterial Ø 12 mm Cover for roundmaterial Ø 12 mm



AISI304/V2A

Art. Nr.	Ø A	Ø i	H	S
72 151-1	45 mm	12,5 mm	14 mm	1,0 mm
72 201	69 mm	12,5 mm	12 mm	1,0 mm
72 201-1	70 mm	12,5 mm	12 mm	1,5 mm

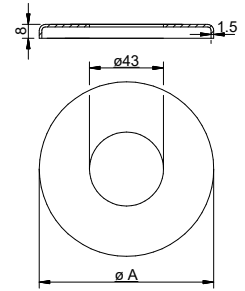


Rosetten. Extra flach Cover. Special flat

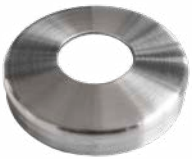


AISI304/V2A

Art. Nr.	Ø A	Ø i	H	S
71 391	85 mm	43 mm	8 mm	1,5 mm
71 392	105 mm	43 mm	8 mm	1,5 mm

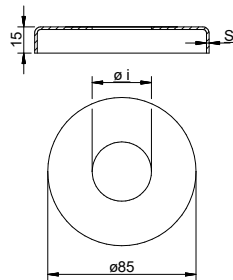


Rosetten Ø 85 mm Cover Ø 85 mm



AISI304/V2A

Art. Nr.	Ø	Ø i	H	S
71 289	85 mm	34,5 mm	15 mm	1,5 mm
71 290	85 mm	43,0 mm	15 mm	1,5 mm

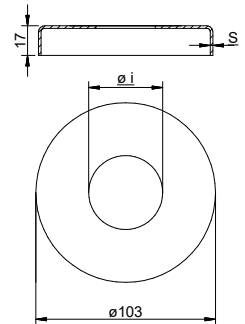


Rosetten Ø 103 mm Cover Ø 103 mm



AISI304/V2A

Art. Nr.	Ø	Ø i	H	S
71 287	103 mm	34,5 mm	17 mm	1,5 mm
71 299	103 mm	43,0 mm	17 mm	1,5 mm

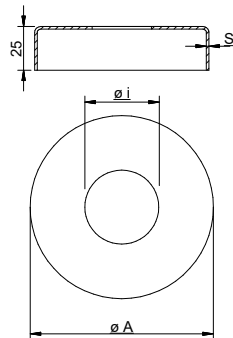


Rosetten Ø 105 & 129 mm Cover Ø 105 & 129 mm

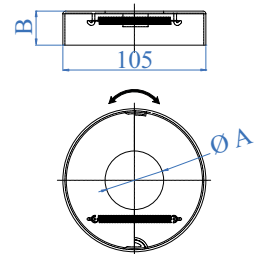


AISI304/V2A

Art. Nr.	Ø	Ø i	H	S
71 292	105 mm	34,5 mm	25 mm	1,5 mm
71 389	105 mm	43 mm	25 mm	1,5 mm
71 489	105 mm	49 mm	25 mm	1,5 mm
71 293-1	129 mm	43 mm	25 mm	1,5 mm
71 297	129 mm	48 mm	25 mm	1,5 mm



Rosetten teilbar für eine nachträgliche Montage Covers divisible for subsequent assembly



AISI304/V2A

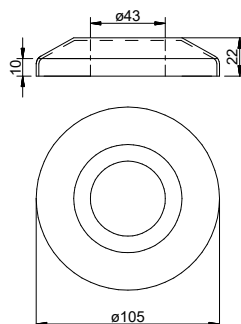
Art. Nr.	Bohrung / Drilling	B
E02071	43 mm	25 mm
E02072	49 mm	25 mm

Rosetten konisch Cover conical



AISI304/V2A

Art. Nr.	Ø	Ø i	H	S
71 388	105 mm	43 mm	22 mm	1,5 mm

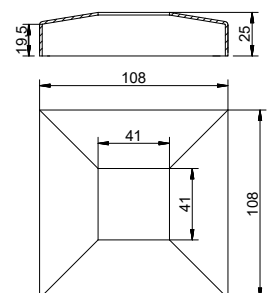


Rosette für Quadratrohr 40 mm Cover f. square tube 40 mm



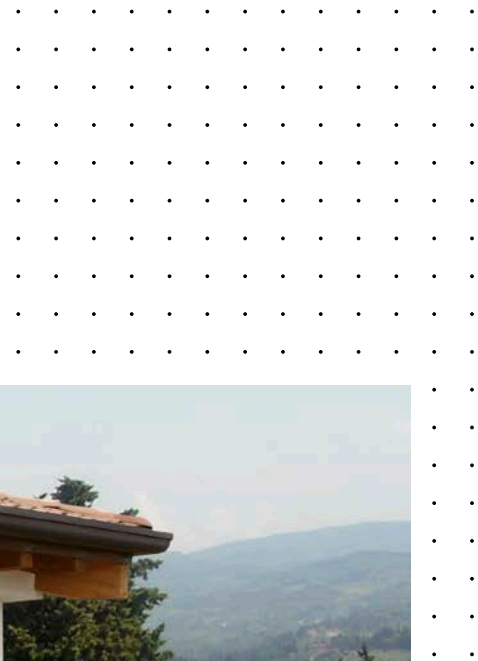
AISI304/V2A

Art. Nr.	S
71 750	1,5 mm



Edelstahlpfosten

Stainless steel posts



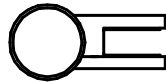
AISI304/V2A

**Endpfosten rechts / links
verwendbar für Klemmhaltermontage**

- | Ohne Glasklemmhalter
- | Dübelplatte 100 x 6 mm
- | Abdeckrosette 105 x 25mm
- | Korn 320
- | Mat. 1.4301 / AISI 304
- | Rohrende oben offen
- | 2 Stück Fließgewinde M8

End post. Right and left usable

- | Without glass clamp holder
- | Anchor plate 100 x 6 mm
- | Cover rosette 105 x 25mm
- | Grain 320
- | Mat. 1.4301 / AISI 304
- | Pipe end open at the top
- | 2 pieces flow thread M8



74 413-1



71 389

Art. Nr.	Abmessung / Dimension	Fließgewinde / Flow thread	Höhe / Height
72 296-A	Ø 42,4 x 2,0 mm	2 x M8	880 mm

Mittelpfosten für Klemmhaltermontage

- | Ohne Glasklemmhalter
- | Dübelplatte 100 x 6 mm
- | Abdeckrosette 105 x 25mm
- | Korn 320
- | Mat. 1.4301 / AISI 304
- | Rohrende oben offen
- | 4 Stück Fließgewinde M8

Middle post

- | Without glass clamp holder
- | Anchor plate 100 x 6 mm
- | Cover rosette 105 x 25mm
- | Grain 320
- | Mat. 1.4301 / AISI 304
- | Pipe end open at the top
- | 4 pieces flow thread M8



74 413-1



71 389

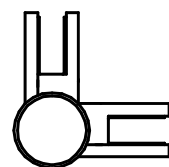
Art. Nr.	Abmessung / Dimension	Fließgewinde / Flow thread	Höhe / Height
72 297-A	Ø 42,4 x 2,0 mm	4 x M8	880 mm

Eckpfosten 90° für Klemmhaltermontage

- | Ohne Glasklemmhalter
- | Dübelplatte 100 x 6 mm
- | Abdeckrosette 105 x 25mm
- | Korn 320
- | Mat. 1.4301 / AISI 304
- | Rohrende oben offen
- | 4 Stück Fließgewinde M8

Corner post 90°

- | Without glass clamp holder
- | Anchor plate 100 x 6 mm
- | Cover rosette 105 x 25mm
- | Grain 320
- | Mat. 1.4301 / AISI 304
- | Pipe end open at the top
- | 4 pieces flow thread M8



74 413-1



71 389

Art. Nr.	Abmessung / Dimension	Fließgewinde / Flow thread	Höhe / Height
72 298-A	Ø 42,4 x 2,0 mm	4 x M8 / 90°	880 mm

Endpfosten rechts / links verwendbar für Klemmhaltermontage

- | Ohne Glasklemmhalter
- | Dübelplatte 100 x 6 mm
- | Korn 320
- | Mat. 1.4301 / AISI 304
- | Rohrende oben offen
- | 2 Stück Fließgewinde M8

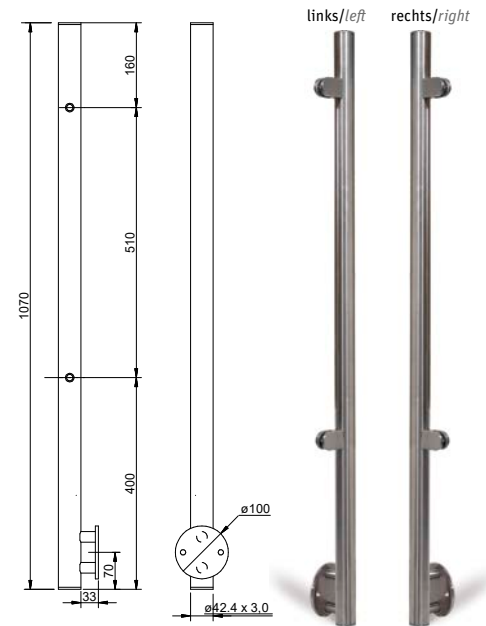
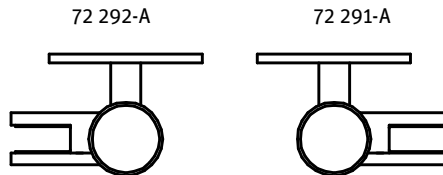


72 451

Art. Nr.	Abmessung / Dimension	Fließgewinde / Flow thread	Typ / Type	Höhe / Height
72 291-A	Ø 42,4 x 2,0 mm	2 x M8	rechts	1070 mm
72 292-A	Ø 42,4 x 2,0 mm	2 x M8	links	1070 mm

End post. Right and left usable

- | Without glass clamp holder
- | Anchor plate 100 x 6 mm
- | Grain 320
- | Mat. 1.4301 / AISI 304
- | Pipe end open at the top
- | 2 pieces flow thread M8



Mittelpfosten für Klemmhaltermontage

- | Ohne Glasklemmhalter
- | Dübelplatte 100 x 6 mm
- | Korn 320
- | Mat. 1.4301 / AISI 304
- | Rohrende oben offen
- | 4 Stück Fließgewinde M8

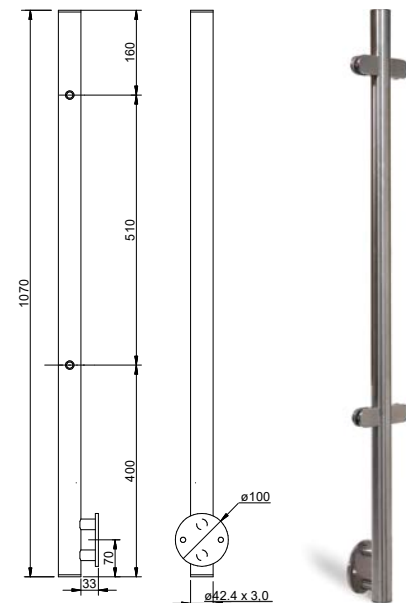
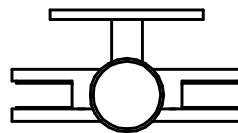


72 451

Art. Nr.	Abmessung / Dimension	Fließgewinde / Flow thread	Höhe / Height
72 293-A	Ø 42,4 x 2,0 mm	4 x M8	1070 mm

Middle post

- | Without glass clamp holder
- | Anchor plate 100 x 6 mm
- | Grain 320
- | Mat. 1.4301 / AISI 304
- | Pipe end open at the top
- | 4 pieces flow thread M8



Eckpfosten 90° für Klemmhaltermontage

- | Ohne Glasklemmhalter
- | Dübelplatte 100 x 6 mm
- | Korn 320
- | Mat. 1.4301 / AISI 304
- | Rohrende oben offen
- | 4 Stück Fließgewinde M8 (90°)

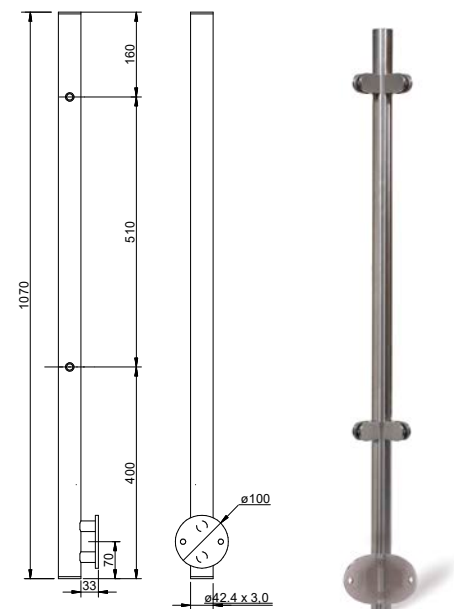
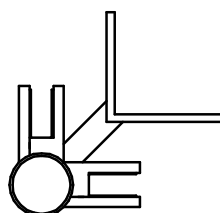


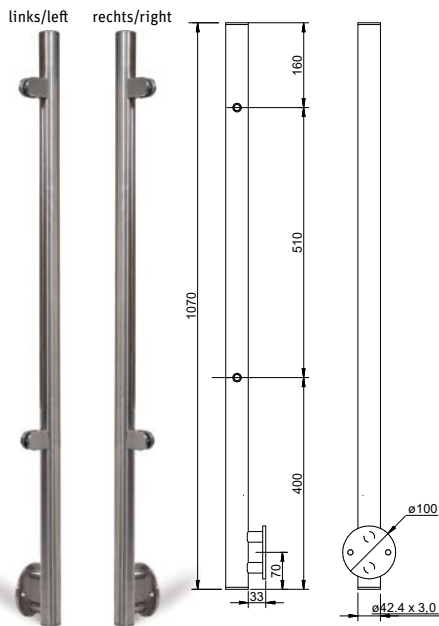
72 384

Art. Nr.	Abmessung / Dimension	Fließgewinde / Flow thread	Höhe / Height
72 293-E	Ø 42,4 x 2,0 mm	4 x M8 / 90°	1070 mm

Corner post

- | Without glass clamp holder
- | Anchor plate 100 x 6 mm
- | Grain 320
- | Mat. 1.4301 / AISI 304
- | Pipe end open at the top
- | 4 pieces flow thread M8 (90°)



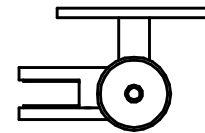

Endpfosten 42,4 x 3,0 mm
verwendbar für Klemmhaltermontage

- | Ohne Glasklemmhalter
- | Dübelplatte 100 x 6 mm
- | Korn 320
- | Mat. 1.4301 / AISI 304
- | Rohrende oben geschlossen. Endkappe flach.
- | M8 und verschweißt
- | 2 Stück Fließgewinde M8

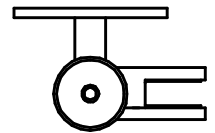

 Ankerplatte fest verschweißt
 Anchorplate welded

End post

- | Without glass clamp holder
- | Anchor plate 100 x 6 mm
- | Grain 320
- | Mat. 1.4301 / AISI 304
- | Pipe closed. Endcap flat. M8. Welded
- | 2 pieces flow thread M8



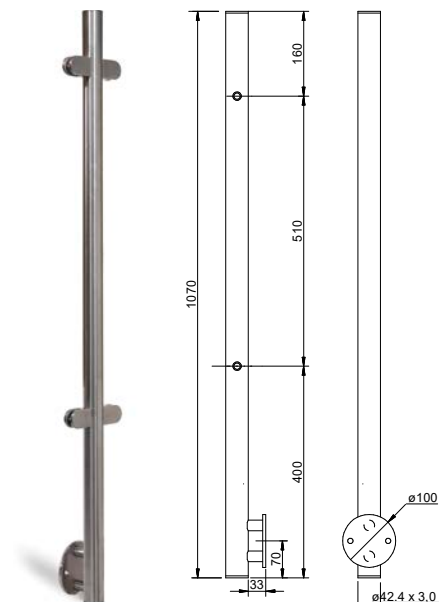
72 461-AL



72 461-AR

Art. Nr.	Abmessung / Dimension	Fließgewinde / Flow thread	Typ / Type	Höhe / Height
72 461-AR	Ø 42,4 x 3,0 mm	2 x M8	rechts	1070 mm
72 461-AL	Ø 42,4 x 3,0 mm	2 x M8	links	1070 mm

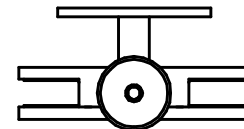
AISI304/V2A


Mittelpfosten 42,4 x 3,0 mm
verwendbar für Klemmhaltermontage

- | Ohne Glasklemmhalter
- | Dübelplatte 100 x 6 mm
- | Korn 320
- | Mat. 1.4301 / AISI 304
- | Rohrende oben geschlossen. Endkappe flach.
- | M8 und verschweißt
- | 4 Stück Fließgewinde M8

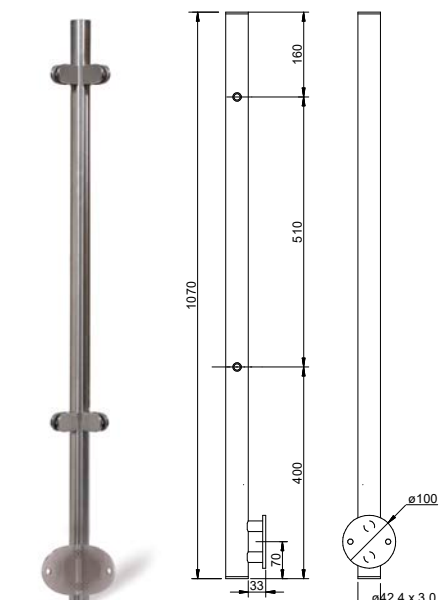

Middle post

- | Without glass clamp holder
- | Anchor plate 100 x 6 mm
- | Grain 320
- | Mat. 1.4301 / AISI 304
- | Pipe closed. Endcap flat. M8. Welded
- | 4 pieces flow thread M8 (180°)



Art. Nr.	Abmessung / Dimension	Fließgewinde / Flow thread	Höhe / Height
72 461-D	Ø 42,4 x 3,0 mm	4 x M8	1070 mm

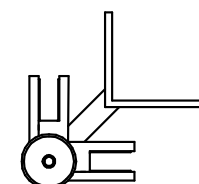
AISI304/V2A


Mittelpfosten 42,4 x 3,0 mm
verwendbar für Klemmhaltermontage

- | Ohne Glasklemmhalter
- | Dübelplatte 100 x 6 mm
- | Korn 320
- | Mat. 1.4301 / AISI 304
- | Rohrende oben geschlossen. Endkappe flach.
- | M8 und verschweißt
- | 4 Stück Fließgewinde M8


Middle post

- | Without glass clamp holder
- | Anchor plate 100 x 6 mm
- | Grain 320
- | Mat. 1.4301 / AISI 304
- | Pipe closed. Endcap flat. M8. Welded
- | 4 pieces flow thread M8 (180°)



Art. Nr.	Abmessung / Dimension	Fließgewinde / Flow thread	Höhe / Height
72 461-E	Ø 42,4 x 3,0 mm	4 x M8 / 90°	1070 mm

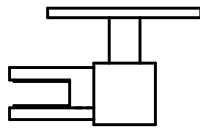
Endpfosten 40 x 40 x 2,0 mm verwendbar für Klemmhaltermontage

- | Ohne Glasklemmhalter
- | Dübelplatte 100 x 6 mm
- | Korn 320
- | Mat. 1.4301 / AISI 304
- | Rohrende oben offen
- | 2 Stück Fließgewinde M8

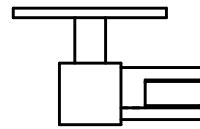


End post

- | Without glass clamp holder
- | Anchor plate 100 x 6 mm
- | Grain 320
- | Mat. 1.4301 / AISI 304
- | Pipe end open at the top
- | 2 pieces flow thread M8



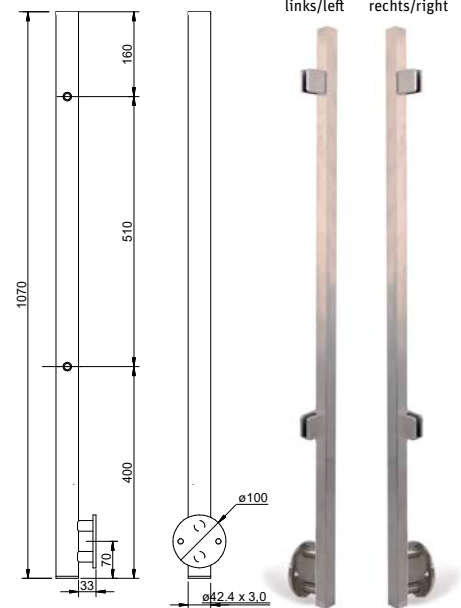
72 460-AL



72 460-AR

Art. Nr.	Abmessung / Dimension	Fließgewinde / Flow thread	Typ / Type	Höhe / Height
72 460-AR	40 x 40 x 2,0 mm	2 x M8	Rechts	1070 mm
72 460-AL	40 x 40 x 2,0 mm	2 x M8	Links	1070 mm

AISI304/V2A



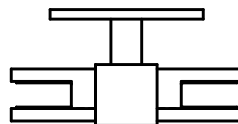
Mittelpfosten 40 x 40 x 2,0 mm verwendbar für Klemmhaltermontage

- | Ohne Glasklemmhalter
- | Dübelplatte 100 x 6 mm
- | Korn 320
- | Mat. 1.4301 / AISI 304
- | Rohrende oben offen
- | 4 Stück Fließgewinde M8



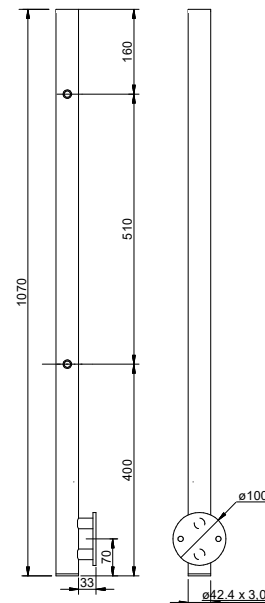
Middle post

- | Without glass clamp holder
- | Anchor plate 100 x 6 mm
- | Grain 320
- | Mat. 1.4301 / AISI 304
- | Pipe end open at the top
- | 4 pieces flow thread M8



Art. Nr.	Abmessung / Dimension	Fließgewinde / Flow thread	Höhe / Height
72 460-D	40 x 40 x 2,0 mm	4 x M8	1070 mm

AISI304/V2A



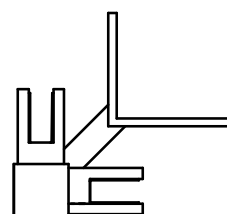
Eckpfosten 40 x 40 x 2,0 mm verwendbar für Klemmhaltermontage

- | Ohne Glasklemmhalter
- | Dübelplatte 100 x 6 mm
- | Korn 320
- | Mat. 1.4301 / AISI 304
- | Rohrende oben offen
- | 4 Stück Fließgewinde M8 (90°)



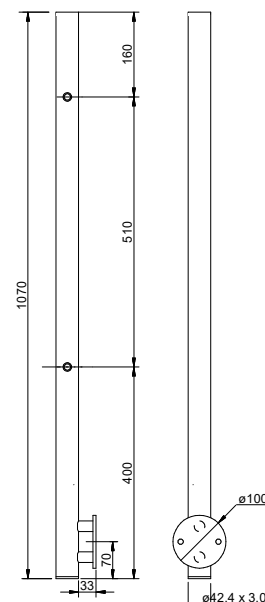
Corner post

- | Without glass clamp holder
- | Anchor plate 100 x 6 mm
- | Grain 320
- | Mat. 1.4301 / AISI 304
- | Pipe end open at the top
- | 4 pieces flow thread M8 (90°)



Art. Nr.	Abmessung / Dimension	Fließgewinde / Flow thread	Höhe / Height
72 460-E	40 x 40 x 2,0 mm	4 x M8 / 90°	1070 mm

AISI304/V2A



AISI304/V2A

Pfosten 42,4 x 2,0 mm
Inkl. Querstabhalter für Rund 12 mm

- | Dübelplatte 100 x 6 mm
- | Abdeckrosette 105 x 25 mm
- | Korn 320
- | Mat. 1.4301 / AISI 304
- | Rohrende oben offen
- | 6 Traversenhalter

Post incl. crossbar holder 12 mm

- | Anchor plate 100 x 6 mm
- | Cover rosette 105 x 25 mm
- | Grain 320
- | Mat. 1.4301 / AISI 304
- | Pipe end open at the top
- | 6 truss brackets



74 413-1



71 389



72 116

Art. Nr.	Abmessung / Dimension	Höhe / Height
72 295-S	Ø 42,4 x 2,0 mm	880 mm

Pfosten 42,4 x 2,0 mm
inkl. Querstabhalter für Rund 12 mm

- | Dübelplatte 100 x 6 mm
- | Korn 320
- | Mat. 1.4301 / AISI 304
- | Rohrende oben offen
- | 6 Traversenhalter

Post incl. crossbar holder 12 mm

- | Anchor plate 100 x 6 mm
- | Grain 320
- | Mat. 1.4301 / AISI 304
- | Pipe end open at the top
- | 6 truss brackets



72 116

Art. Nr.	Abmessung / Dimension	Höhe / Height
72 290-S	Ø 42,4 x 2,0 mm	1070 mm

Pfosten 42,4 x 2,0 mm gebohrt

- | Für Rundmaterial 12 mm
- | 79 263 mit Gewinde M6 für Querstabhalter
- | Korn 320
- | 7 Bohrungen

Post incl. crossbar holder 12 mm

- | For round material 12 mm
- | 79 263 with M6 thread for cross bar holder
- | Grain 320
- | 7 holes

Art. Nr.	Abmessung / Dimension	Bohrungen / Drilling	Ausführung / Execution
79 260	Ø 42,4 mm 2,0 mm	7 x 12 mm	einseitig / one-sided
79 261	Ø 42,4 mm 2,0 mm	7 x 12 mm	durchgehend / continuous
79 262	Ø 42,4 mm 2,0 mm	7 x 12 mm	90° versetzt / 90° staggered
79 263	Ø 42,4 mm 2,0 mm	7 x M6 mm	einseitig / one-sided


Pfosten für Sicht - oder Windschutz

- | Ø 60,3 x 2,0 mm
- | Inkl. 6 Klemmhalter 45 x 45 mm (10/10,76mm)
- | Dübelplatte Ø 140 x 6 mm
- | Abdeckrosette Ø 145 x 25 mm
- | Korn 320
- | Mat. 1.4301 / AISI 304

Sight and windbreak posts

- | Ø 60,3 x 2,0 mm
- | Incl. 6 glassclamps 45 x 45 mm (10/10,76mm)
- | Anchorplate Ø 140x6
- | Cover rosette Ø145x25 mm
- | Grain 320
- | Mat. 1.4301 / AISI 304



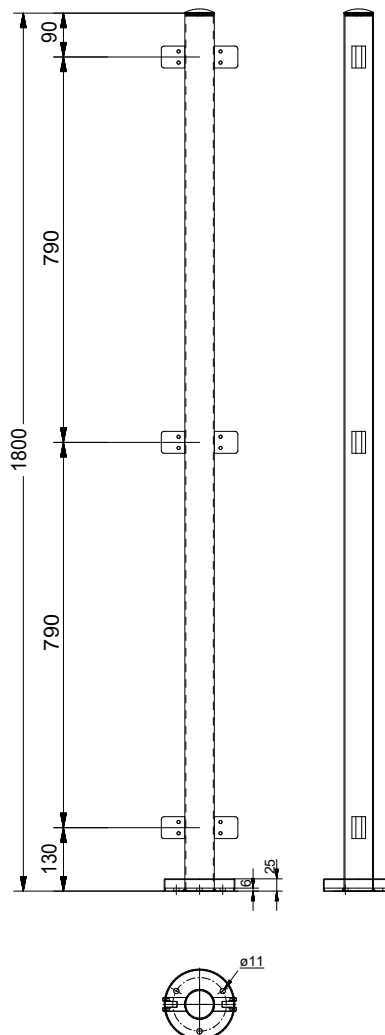
Ø 140 x 6 mm



Ø 145 x 25 mm



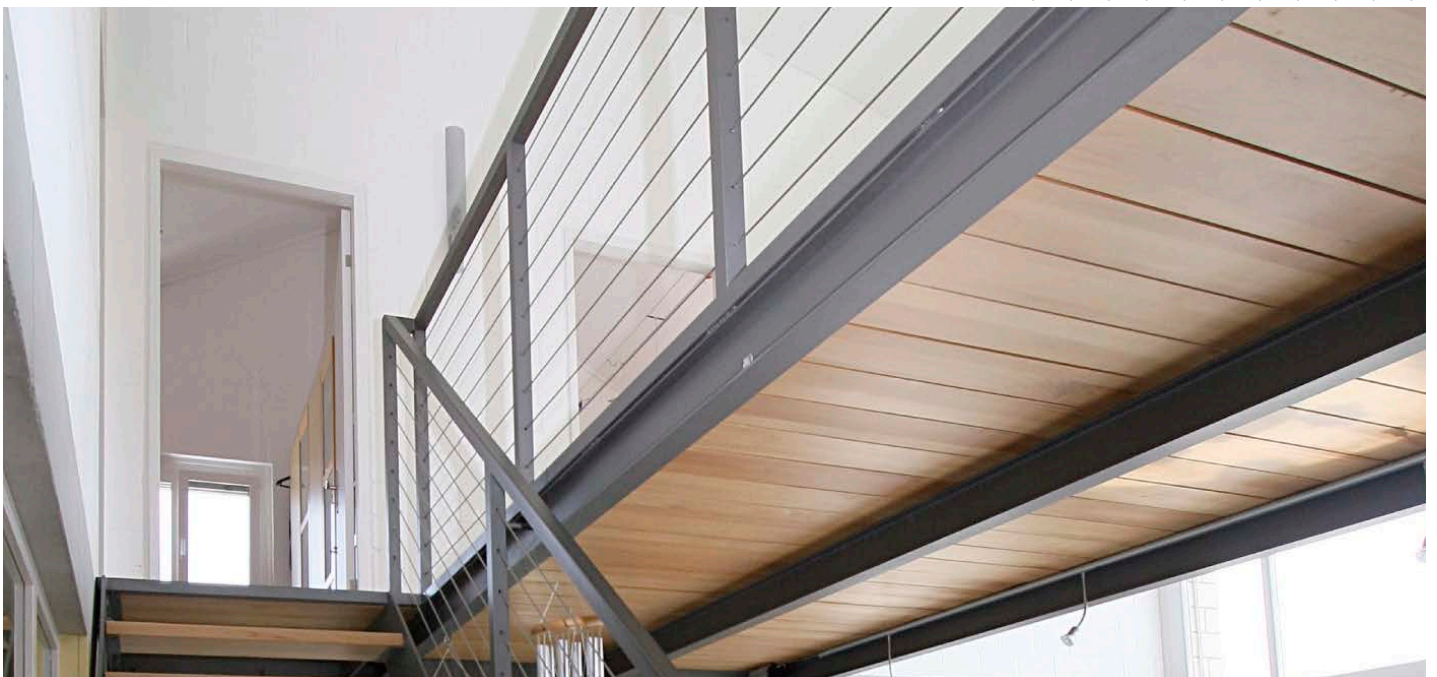
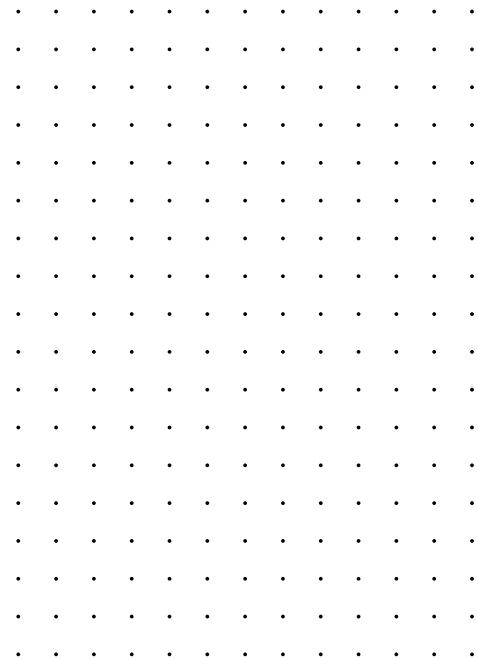
Art. Nr.	Abmessung / Dimension	Höhe / Height	Typ / Type
72 285	60,3 x 2,0 mm	1800 mm	
72 286	60,3 x 2,0 mm	1800 mm	
72 287	60,3 x 2,0 mm	1800 mm	



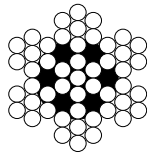


Architekturbauseile *Architectural ropes*

- | Konfektioniert
- | Selbstmontage
- | *Ready made*
- | *Self-assembly*



VA Litzenseil flexibel Flexible wire rope



6x7

AISI304/V2A

Wählen Sie Ihr Seil mit den dazugehörigen Anschlüssen aus. Alle Varianten werden auf Maß für Sie gefertigt und bereits fertig verpresst geliefert.

Please choose at first the rope you need and then the fitting you want to have. You will get a custom-made rope with the already grouted fittings.

Seilsystem mit Auswahl
Anschlußbauteile kpl. auf Maß
konfektioniert

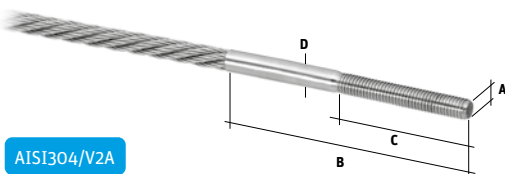
Modular rope system with terminal
components selection pieces
custom-made

Art. Nr.	Durchmesser / Diameter	Länge / Length	MkN
84 04194	Ø 4 mm	per m	9,10 kN
84 04196	Ø 5 mm	per m	13,0 kN
84 04197	Ø 6 mm	per m	19,0 kN
84 29003	Ø 8 mm	per m	38,0 kN

*MkN: Mindestbruchkraft in KN Mat. 1.4301 | Minimum breaking force in KN



VA Anpressgewinde FINELINE m. rechts / links Gewinde FINELINE right / left thread

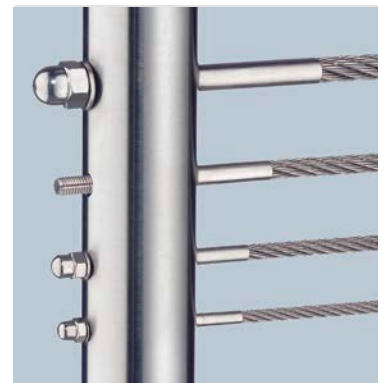


AISI304/V2A

L max. 5,00 Meter kurze Gewinde
L max. 12,00 Meter langes Gewinde

Art. Nr. rechts / right	Art. Nr. links / left	Seil / cable	A	B	C	D	MkN	Bohrloch / Borehole
84 62604	84 62605	4 mm	M4	60 mm	30 mm	4 mm	6,5 kN	5,0 mm
84 62606	84 62607	4 mm	M4	90 mm	60 mm	4 mm	6,5 kN	5,0 mm
84 62608	84 62609	5 mm	M5	60 mm	30 mm	5 mm	10 kN	6,0 mm
84 62610	84 62611	5 mm	M5	90 mm	60 mm	5 mm	10 kN	6,0 mm
84 62612	84 62613	6 mm	M6	70 mm	30 mm	6 mm	14,2 kN	6,5 mm
84 62614	84 62615	6 mm	M6	110 mm	70 mm	6 mm	14,2 kN	6,5 mm
84 62616	84 62617	8 mm	M8	90 mm	40 mm	8 mm	26,4 kN	8,5 mm
84 62618	84 62619	8 mm	M8	130 mm	80 mm	8 mm	26,4 kN	8,5 mm

Mat. 1.4301



Linsenkopf FINELINE European pan head



AISI304/V2A

Rundverpresst

Round pressed

Art. Nr.	Seil / cable	A	B	C	D	MkN
84 63516	4 mm	4 mm	8 mm	36 mm	5 mm	7,2 kN
84 63517	5 mm	5 mm	9 mm	43 mm	6 mm	10,4 kN
84 63518	6 mm	6 mm	10 mm	43 mm	6 mm	15,2 kN
84 63519	8 mm	8 mm	12 mm	65 mm	5 mm	30,4 kN

Mat. 1.4301

Senkkopf FINELINE FINELINE countersunk head screw



AISI304/V2A

Rundverpresst

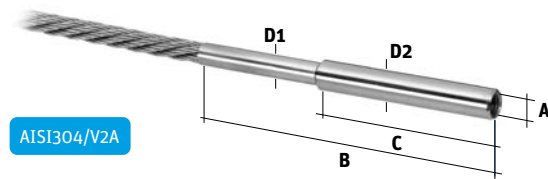
Round pressed

Art. Nr.	Seil / cable	A	B	C	D	E	MkN
84 60984	4 mm	4 mm	5,2 mm	40 mm	1,2 mm	0,6 mm	7,2 kN
84 60986	5 mm	5 mm	7,5 mm	45 mm	1,2 mm	10,4 mm	10,4 kN
84 60988	6 mm	6 mm	7,5 mm	50 mm	1,2 mm	15,2 mm	15,2 kN
84 60965	8 mm	8 mm	10,4 mm	65 mm	1,2 mm	30,4 mm	30,4 kN

Nur in Verbindung mit Litzenseil 6x7 | Only in connection with stranded rope 6x7

Innengewinde FINELINE

Internal thread FINELINE



AISI304/V2A

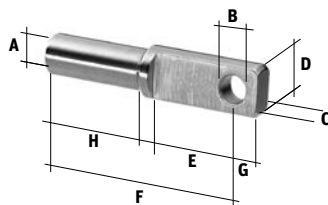
| Rechtsgängig / linksgängig | Right-handed / left-handed

Art. Nr. rechts / right	Art. Nr. links / left	Seil / cable	A	B	C	D1	D2	MkN
84 78354	84 78364	4 mm	M4	60 mm	30 mm	4,2 mm	4,2 mm	6,5 mm
84 78355	84 78365	5 mm	M5	70 mm	35 mm	5,45 mm	5 mm	10 mm
84 78356	84 78366	6 mm	M6	85 mm	45 mm	6,40 mm	6 mm	14,2 mm
84 78358	84 78368	8 mm	M8	105 mm	55 mm	8,50 mm	8 mm	26,4 mm

Nur in Verbindung mit Litzenseil 6x7 | Only in connection with stranded rope 6x7 Mat. 1.4301

Öse FINELINE mit Innengewinde

FINELINE eyelet with inner thread



AISI304/V2A

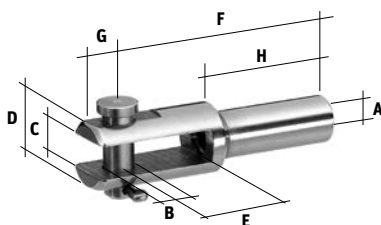
| Rechtsgängig / linksgängig | Right-handed / left-handed

Art. Nr. rechts / right	Art. Nr. links / left	A	B	C	D	E	F	G	H
84 49388	84 49389	M4	4,7 mm	4,5 mm	9 mm	14,5 mm	41,5 mm	4,5 mm	25 mm
84 49390	84 49391	M5	6,2 mm	6,0 mm	12 mm	19 mm	47 mm	6,0 mm	25 mm
84 49392	84 49393	M6	6,2 mm	6,0 mm	12 mm	19 mm	47 mm	6,0 mm	25 mm
84 49394	84 49395	M8	8,5 mm	8,0 mm	16 mm	26 mm	80 mm	8,0 mm	50 mm



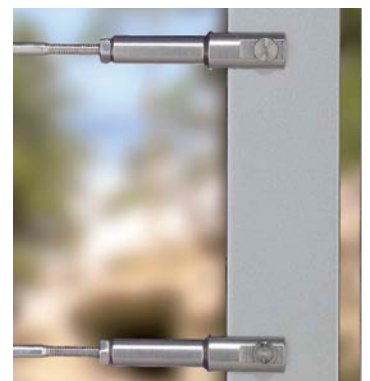
Gabel FINELINE mit Innengewinde

FINELINE with fork with inner thread



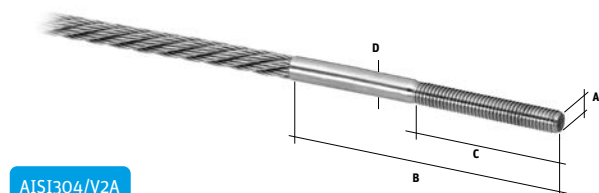
AISI304/V2A

Art. Nr. rechts / right	Art. Nr. links / left	A	B	C	D	E	F	G	H
84 49378	84 49379	M4	4,5 mm	5,5 mm	11 mm	13,5 mm	40,5 mm	5,5 mm	27 mm
84 49380	84 49381	M5	6,0 mm	6,5 mm	14 mm	18 mm	46 mm	7,0 mm	28 mm
84 49382	84 49383	M6	6,0 mm	6,5 mm	14 mm	18 mm	46 mm	7,0 mm	28 mm
84 49384	84 49385	M8	8,0 mm	8,0 mm	20 mm	24 mm	78 mm	10 mm	54 mm



VA Anpressgewinde MIDLINE rundverpresst

VA compression thread MIDLINE, round pressed



AISI304/V2A

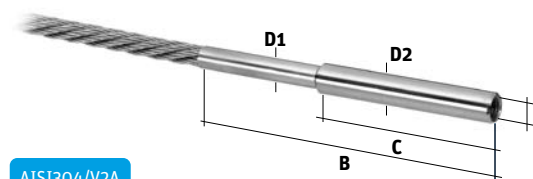
Art. Nr. rechts / right	Art. Nr. links / left	Seil / rope	A	B	C	D	MkN
84 62608-M	84 62609-M	4 mm	M5	60 mm	30 mm	5,25 mm	8,2 kN
84 62610-M	84 62611-M	4 mm	M5	90 mm	60 mm	5,25 mm	8,2 kN
84 62612-M	84 62613-M	5 mm	M6	66 mm	30 mm	6,30 mm	11,7 kN
84 62614-M	84 62615-M	5 mm	M6	106 mm	70 mm	6,30 mm	11,7 kN
84 62616-M	84 62617-M	6 mm	M8	86 mm	40 mm	8,20 mm	17,1 kN
84 62618-M	84 62619-M	6 mm	M8	127 mm	80 mm	8,20 mm	17,1 kN

Nur in Verbindung mit Litzenseil 6x7 | Only in connection with stranded rope 6x7



Innengewinde MIDLINE

internal thread MIDLINE



AISI304/V2A

| Rechtsgängig / linksgängig | Right-handed / left-handed

Art. Nr. rechts / right	Art. Nr. links / left	Seil / cable	A	B	C	D1	D2	MkN
84 78355-M	84 78365-M	4 mm	M5	70 mm	35 mm	5,45 mm	7 mm	8,2 kN
84 78356-M	84 78366-M	5 mm	M6	85 mm	45 mm	6,40 mm	8 mm	11,7 kN
84 78358-M	84 78368-M	6 mm	M8	105 mm	55 mm	8,50 mm	10 mm	17,1 kN

Nur in Verbindung mit Litzenseil 6x7 | Only in connection with stranded rope 6x7



Linsenkopf MIDLINE

MIDLINE pan head



AISI304/V2A

| Rundverpresst | Round pressed

Art. Nr.	Seil / cable	A	B	C	D	MkN
84 78557-M	4 mm	5,45 mm	9 mm	30,8 mm	6 mm	8,2 kN
84 78558-M	5 mm	6,40 mm	10 mm	38,9 mm	6 mm	11,7 kN
84 78559-M	6 mm	8,50 mm	12 mm	49,4 mm	5 mm	17,1 kN

Nur in Verbindung mit Litzenseil 6x7 | Only in connection with stranded rope 6x7

Senkkopf MIDLINE

MIDLINE countersunk head screw



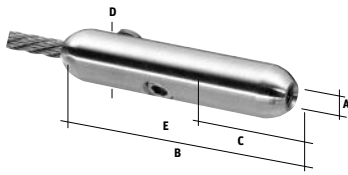
AISI304/V2A

| Rundverpresst | Round pressed

Art. Nr.	Seil / cable	A	B	C	D	E	MkN
84 78552-M	4 mm	5,45 mm	7,5 mm	28,9 mm	1,2 mm	1,2 mm	8,2 kN
84 78553-M	5 mm	6,40 mm	7,5 mm	37 mm	1,2 mm	0,8 mm	11,7 kN
84 78554-M	6 mm	8,50 mm	10,4 mm	45,6 mm	1,2 mm	1,2 mm	17,1 kN

Nur in Verbindung mit Litzenseil 6x7 | Only in connection with stranded rope 6x7

VA Gewindeterminal Threaded terminal

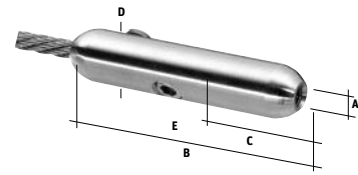


AISI304/V2A

- Mit Innengewinde | With Internal thread
- Rechtsgängig für Selbstmontage | Right-handed for self-assembly

Art. Nr.	Seil / cable	A	B	C	D	MkN
84 70024	Ø 4 mm	M4	45 mm	15 mm	13 mm	3,0 kN
84 70025	Ø 5 mm	M5	65 mm	15 mm	14 mm	7,0 kN
84 70026	Ø 6 mm	M6	65 mm	15 mm	14 mm	7,0 kN

VA Gewindeterminal Threaded terminal

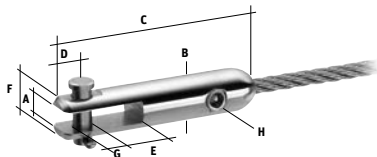


AISI304/V2A

- Mit Innengewinde | with Internal thread
- Linksgängig für Selbstmontage | left-handed for self-assembly

Art. Nr.	Seil / cable	A	B	C	D	MkN
84 78228	Ø 4 mm	M4	45 mm	15 mm	13 mm	3,0 kN
84 78229	Ø 5 mm	M5	65 mm	15 mm	14 mm	7,0 kN
84 78230	Ø 6 mm	M6	65 mm	15 mm	14 mm	7,0 kN

VA Gabelterminal Fork terminal



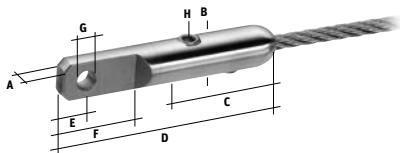
AISI304/V2A

- Für Selbstmontage | For self-assembly

Art. Nr.	Seil / cable	A	B	C	D	E	F	G	H	MkN
84 10637	Ø 4 mm	5,5 mm	13 mm	49 mm	6,5 mm	10,15 mm	10,0 mm	4,7 mm	M6	3,0 kN
84 10638	Ø 5 mm	6,5 mm	14 mm	65 mm	8,0 mm	13,90 mm	12,6 mm	6,2 mm	M8	7,0 kN
84 10639	Ø 6 mm	6,5 mm	14 mm	65 mm	8,0 mm	13,90 mm	12,6 mm	6,2 mm	M8	7,0 kN



VA Öseterminal Eyelet terminal



AISI304/V2A

- Für Selbstmontage | For self-assembly

Art. Nr.	Seil / cable	A	B	C	D	E	F	G	H	MkN
84 10633	Ø 4 mm	4,5 mm	13 mm	27 mm	59 mm	6,5 mm	19 mm	4,7 mm	M6	3,0 kN
84 10634	Ø 5 mm	6,0 mm	14 mm	37 mm	75 mm	8,0 mm	25 mm	6,2 mm	M8	7,0 kN
84 10635	Ø 6 mm	6,0 mm	14 mm	37 mm	75 mm	8,0 mm	25 mm	6,2 mm	M8	7,0 kN

Seilspanner mit Gabeln

Rope tensioner with forks



AISI304/V2A

| Beidseits mit Gabelanschuß

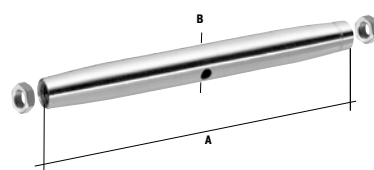
| Both sides with fork terminal

Art. Nr.	Gewinde / thread	A	B	C	D	E	WLL b. 5 facher Sicherheit
84 49 651	M6	90 mm	140 mm	8	9	6	2,45 kN
84 49 652	M8	110 mm	170 mm	10	10	8	4,32 kN
84 49 653	M10	120 mm	190 mm	12	11	10	6,87 kN
84 49 654	M12	150 mm	250 mm	14	19	12	10 kN

WLL: working load limit

Seilspanner

Turnbuckle



AISI304/V2A

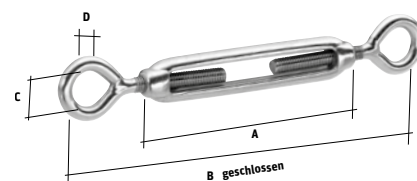
Art. Nr.	Gewinde / thread	A	B	Max. Spannlänge / Max. span length
84 63 620	M4	80 mm	7 mm	80 mm
84 44 795	M5	80 mm	8 mm	80 mm
84 39 655	M6	90 mm	10 mm	90 mm
84 39 658	M8	110 mm	14 mm	110 mm
84 39 661	M10	120 mm	18 mm	120 mm
84 39 664	M12	150 mm	21 mm	150 mm

Seilspanner offen mit Ösen

Open rope tensioner with eyelets

Art. Nr.	Innengewinde / Internal thread	A	B	C	D	WLL b. 5 facher Sicherheit
84 49640	M5	70 mm	110 mm	7 mm	4,0 mm	0,78 kN
84 49641	M6	90 mm	140 mm	10 mm	5,5 mm	1,77 kN
84 49642	M10	150 mm	220 mm	15 mm	8,5 mm	3,70 kN
84 49643	M12	200 mm	280 mm	19 mm	11 mm	6,60 kN

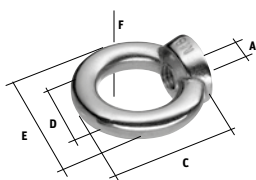
WLL: working load limit



AISI304/V2A

VA Ringmutter

Ring nut



AISI304/V2A

| Mit Rechtsgewinde

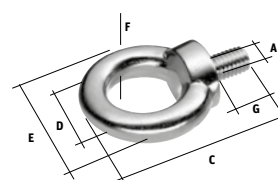
| With right-head thread

Art. Nr.	A	C	D	E	F	WLL b. 6 facher Sicherheit Zugwinkel	
						90°	45°
84 63598	M8	36 mm	20 mm	36 mm	8 mm	1,4 kN	1,0 kN
84 63599	M10	45 mm	25 mm	45 mm	10 mm	2,3 kN	1,7 kN
84 63600	M12	53 mm	30 mm	54 mm	12 mm	3,4 kN	2,4 kN

WLL: working load limit

VA Ringschraube

Ring bolt



AISI304/V2A

Art. Nr.	A	C	D	E	F	G	WLL b. 6 facher Sicherheit Zugwinkel	
							90°	45°
84 63591	M8	49 mm	20 mm	36 mm	8 mm	13,0 mm	1,4 kN	1,0 kN
84 63592	M10	62 mm	25 mm	45 mm	10 mm	17,0 mm	2,3 kN	1,7 kN
84 63593	M12	73 mm	30 mm	54 mm	12 mm	20,4 mm	3,4 kN	2,4 kN

WLL: working load limit

VA Drahtseilklemme U-bolt wire rope clip



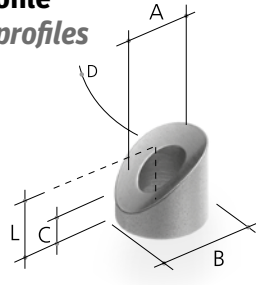
AISI304/V2A

| Schwere ausführung

| Heavy execution

Art. Nr.	für Seil-Ø in mm / for cable Ø in mm	Notwendige Anzahl je Schlaufe in Stk / Necessary number per loop in pieces
84 29143	3 - 4 mm	3
84 29144	5 - 6 mm	4
84 29145	8 mm	4

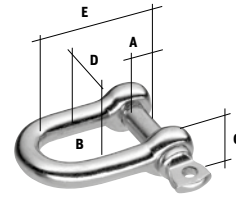
Formanschluss für runde Profile Shape connection for round profiles



AISI304/V2A

Art. Nr.	Gewinde / thread	Winkel / angle	A	B	C	D Ø	L
84 77755	M3-M5	0°	5,5 mm	10 mm	10 mm	42,4 mm	10 mm
84 77418	M3-M5	30°	5,5 mm	10 mm	3 mm	42,4 mm	5,9 mm
84 77419	M3-M5	35°	5,5 mm	10 mm	3 mm	42,4 mm	6,5 mm
84 77756	M6	0°	6,5 mm	13 mm	10 mm	42,4 mm	10 mm
84 77426	M6	30°	6,5 mm	13 mm	3 mm	42,4 mm	6,8 mm
84 77427	M6	35°	6,5 mm	13 mm	3 mm	42,4 mm	7,8 mm
84 77434	M8	30°	8,5 mm	18 mm	3 mm	42,4 mm	8,2 mm
84 77435	M8	35°	8,5 mm	18 mm	3 mm	42,4 mm	9,2 mm

VA Schäkel Shackle

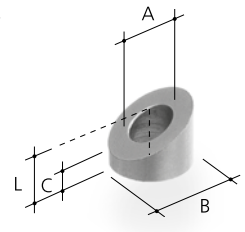


AISI304/V2A

Art. Nr.	A	B	C	D	E	WLL b. 5 facher Sicherheit
84 61008	5 mm	5 mm	10 mm	10 mm	17 mm	3,14 kN
84 44938	6 mm	6 mm	12 mm	12 mm	21 mm	3,82 kN
84 44939	8 mm	8 mm	16 mm	16 mm	28 mm	4,90 kN

WLL: working load limit

Formanschluss für flache Profile Shape connection for flat profiles

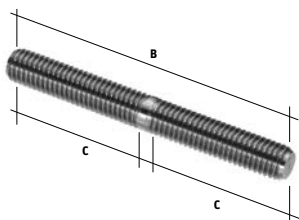


AISI304/V2A

| Flachanschluss

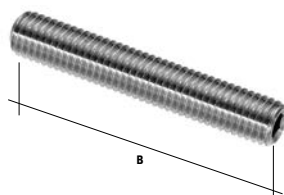
| Flat connection

Art. Nr.	Gewinde / thread	Winkel / angle	A	B	C	L
84 77759	M3-M5	0°	5,5 mm	10 mm	10 mm	10 mm
84 62822	M3-M5	30°	5,5 mm	10 mm	3 mm	5,9 mm
84 62823	M3-M5	35°	5,5 mm	10 mm	3 mm	6,5 mm
84 77760	M6	0°	6,5 mm	13 mm	10 mm	10 mm
84 62832	M6	30°	6,5 mm	13 mm	3 mm	6,8 mm
84 62833	M6	35°	6,5 mm	13 mm	3 mm	7,8 mm
84 77761	M8	0°	8,5 mm	18 mm	10 mm	10 mm
84 62842	M8	30°	8,5 mm	18 mm	3 mm	8,2 mm
84 62843	M8	35°	8,5 mm	18 mm	3 mm	9,2 mm

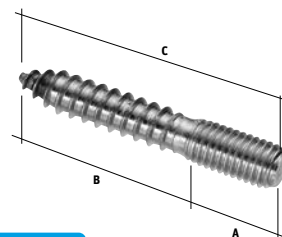
VA Gewindestift
Grub screw

AISI304/V2A

 | Rechts- / linksgängig | *Right- / left handed*

Art. Nr.	Gewinde / thread	B	C
84 61146	M4	45 mm	20 mm
84 61147	M5	65 mm	30 mm
84 61148	M6	65 mm	30 mm
84 61149	M8	65 mm	30 mm

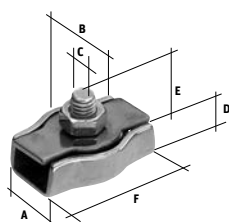
VA Gewindestift
Grub screw

AISI304/V2A

Rechtsgewinde / right thread	Preis / Price	Linksgewinde / left thread	Gewinde / thread	B
84 61128	0,35 €	84 61129	M4	30 mm
84 61130	1,00 €	84 61131	M5	40 mm
84 61132	0,65 €	84 61133	M6	40 mm
84 61134	2,65 €	84 61135	M8	60 mm

VA Stockschraube
Dowel screw

AISI304/V2A

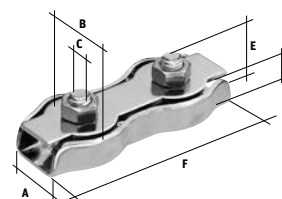
A	B	C
30 mm	30 mm	50 mm
40 mm	44 mm	74 mm
40 mm	60 mm	100 mm

Rechtsgewinde / right thread	Preis / Price	Linksgewinde / left thread	Gewinde / thread
84 61156	1,85 €	84 61157	M5
84 61158	1,95 €	84 61159	M6
84 61160	2,65 €	84 61161	M8

VA Simplex- Seilklemme
Cable clamp

AISI304/V2A

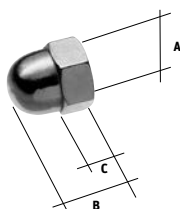
 | Mit Rechtsgewinde | *With right-hand thread*

Art. Nr.	Seil / cable	A	B	C	D	E	F
84 49317	4 mm	8 mm	18 mm	M5	7 mm	18 mm	20 mm
84 49318	5 mm	10 mm	20 mm	M5	8 mm	18 mm	25 mm
84 49319	6 mm	12 mm	24 mm	M6	9 mm	23 mm	30 mm
84 49320	8 mm	17 mm	30 mm	M8	13 mm	25 mm	37 mm

VA Duplex-Seilklemme
Cable clamp

AISI304/V2A

 | Mit Rechtsgewinde | *With right-hand thread*

Art. Nr.	Seil / cable	A	B	C	D	E	F
84 49327	4 mm	8 mm	18 mm	M5	7 mm	18 mm	40 mm
84 49328	5 mm	10 mm	20 mm	M5	8 mm	18 mm	50 mm
84 49329	6 mm	12 mm	24 mm	M6	9 mm	23 mm	60 mm
84 49330	8 mm	17 mm	30 mm	M8	13 mm	25 mm	75 mm

VA Simplex- Seilklemme
Cable clamp

AISI304/V2A

 | Rechtsgängig | *Right-handed*

Art. Nr.	Gewinde / thread	A	B	C
84 49369	M4	8 mm	7,0 mm	4,1 mm
84 49370	M5	10 mm	8,0 mm	5,9 mm
84 49240	M6	12 mm	10,0 mm	6,0 mm
84 49241	M8	15 mm	13,0 mm	8,5 mm

VA Sechskantmutter
Hexagon nut

AISI304/V2A

 | Rechts- / Linksgängig | *Right- / Left handed*

Rechtsgewinde / right thread	Linksgewinde / left thread	Gewinde / thread	A	B
84 49397	84 49452	M4	3,2 mm	7,0 mm
84 49398	84 49453	M5	4,0 mm	8,0 mm
84 39656	84 49454	M6	5,0 mm	10,0 mm
84 39659	84 49455	M8	6,5 mm	13,0 mm

VA-Litzenseil flexibel Stranded rope flexible

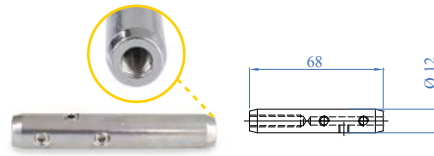


| Auf Seilschule
| On reel

AISI316/V4A

Art. Nr.	Konstruktion / construction	Durchmesser / diameter	VE
84 100-1	7 x 7	Ø 4 mm	25 m
84 110-1	7 x 7	Ø 5 mm	25 m
84 120-1	7 x 7	Ø 6 mm	25 m
84 101-1	7 x 7	Ø 4 mm	50 m
84 111-1	7 x 7	Ø 5 mm	50 m
84 121-1	7 x 7	Ø 6 mm	50 m

VA-Gewindeterminale Thread terminal

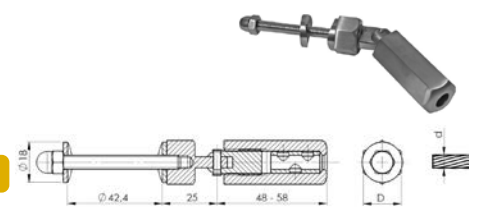


| Links- und Rechtsgewinde M6
| Left and right thread M6

AISI316/V4A

Art. Nr.	Gewinde / Thread	für Seil / for rope
84 10040	rechts	Ø 4 mm
84 10041	links	Ø 4 mm
84 10042	rechts	Ø 5 mm
84 10043	links	Ø 5 mm
84 10044	rechts	Ø 6 mm
84 10045	links	Ø 6 mm

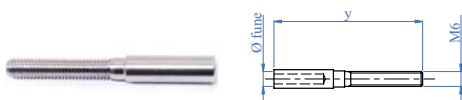
VA-Gewindeterminale mit Gelenk für Selbstmontage Threaded terminal with joint for self-assembly



| Gewinde M6
| Für Rundrohr 42,4 mm
| Thread M6
| For round tube 42.4 mm

Art. Nr.	für Seil D / for rope	D
84 520	4-5 mm	17 mm
84 521	6-8 mm	18 mm

VA-Gewindeterminale Thread terminal

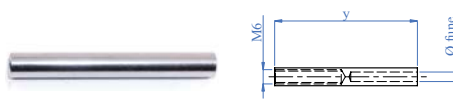


| Mit Außengewinde
| Zum Selbstverpressen
| With external thread
| For self-grouting

AISI316/V4A

Art. Nr.	für Seil D / for rope	Gewinde / Thread	y
84 100 26	Ø 4 mm	links	60 mm (M6 x 30)
84 100 27	Ø 5 mm	links	60 mm (M6 x 30)
84 100 28	Ø 6 mm	links	70 mm (M6 x 40)
84 100 29	Ø 4 mm	rechts	60 mm (M6 x 30)
84 100 30	Ø 5 mm	rechts	60 mm (M6 x 30)
84 100 31	Ø 6 mm	rechts	70 mm (M6 x 40)

VA-Gewindeterminale Thread terminal

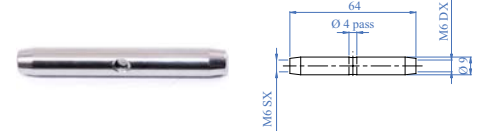


| Mit Innengewinde M6
| Zum Selbstverpressen
| Thread M6
| For self-grouting

AISI316/V4A

Art. Nr.	für Seil D / for rope	Gewinde / Thread	y
84 100 20	Ø 4 mm	links	60 mm
84 100 21	Ø 5 mm	links	60 mm
84 100 22	Ø 6 mm	links	70 mm
84 100 23	Ø 4 mm	rechts	60 mm
84 100 24	Ø 5 mm	rechts	60 mm
84 100 25	Ø 6 mm	rechts	70 mm

VA-Wantenspanner Turnbuckle



| Mit Innengewinde
| Rechts-/ linksgängig
| Thread M6
| Right / left hand

AISI316/V4A

Art. Nr.	Abmessung / Dimension	Innengewinde / Inner thread
84 100 36	Ø 9 x 64 mm	2 x M6 (re. / li.)

Hydraulische Handpresse im Transportkoffer Hydraulic hand press in a transport case

| Presskraft 50 KN
| Für Seil Ø 4 / 5 und 6 mm
| Pressing force 50 KN
| For rope Ø 4/5 and 6 mm



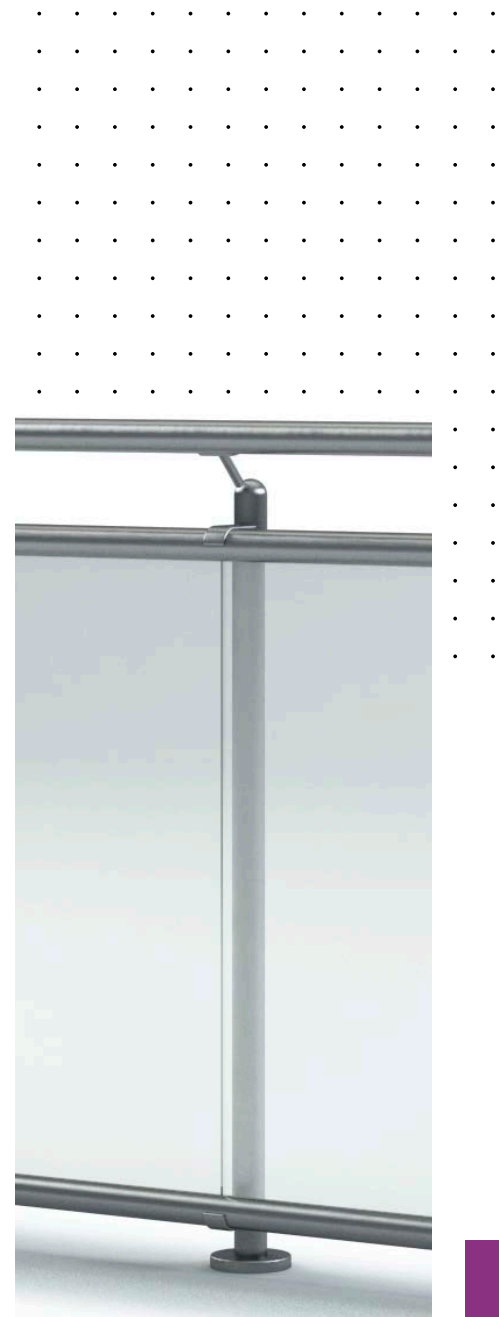
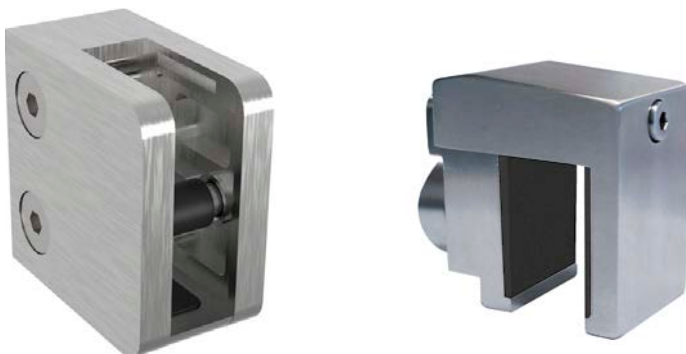
Art. Nr.
84 70032



Glasklemme & Punkthalter

Glass clamp & Point holder

- | Glasklemme
- | Punkthalter
- | Easy Hold
- | *glass clamp*
- | *point holder*
- | *easy hold*





Model 20P: 50 x 40 x 26 mm



Model 24P: 63 x 45 x 28/30 mm



Model 24B: 63 x 45 x 30 mm



Modell 24 (180°)



Modell 24 (90°)



Model 21P: 45 x 45 x 26 mm



Model 25P: 52 x 52 x 32 mm



AbP CERTIFICATED DIN 18008



Modell 11 (180°)



Modell 11 (90°)



INFO

Ihre Bestellung erhalten Sie optimal verpackt.
Your order will arrive optimally packaged.

Mit unseren Gummieinlagen lässt sich der Sicherungsstift bei der Montage problemlos fixieren.
With our rubber inserts, the retaining pin can be securely fixed during installation.



Glasklemmen mit allgemeinem bauaufsichtlichen Prüfzeugnis (AbP)

Glassclamps with german certification AbP

Modell 20P

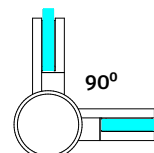


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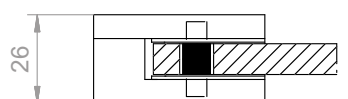
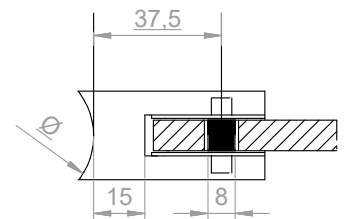
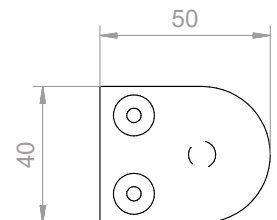


AbP für /for AISI 304 / 316

Art. Nr.	Rohr / pipe	Material / Material	AbP
72 915-00P	flach/flat	AISI 304	AbP
72 915-33P	33,7 mm	AISI 304	AbP
72 915-42P	42,4 mm	AISI 304	AbP
77 915-00P	flach/flat	AISI 316	AbP
77 915-33P	33,7 mm	AISI 316	AbP
77 915-42P	42,4 mm	AISI 316	AbP
85 915-00P	flach/flat	Zn roh/Zamak raw	
85 915-33P	33,7 mm	Zn roh/Zamak raw	
85 915-42P	42,4 mm	Zn roh/Zamak raw	



33,7	✓
42,4	✓



Glasbohrung Ø 10–12 mm
Glass drilling Ø 10–12 mm

Blechstärke / Sheet thickness			Glas / glass				
1,5	2	3	6	8	8,76	10	10,76
GB01-20P	GB02-20P	GB03-20P	GL06-20P	GL08-20P	GL0876-20P	GL10-20P	GL1076-20P



Glasklemmen mit allgemeinem bauaufsichtlichen Prüfzeugnis (AbP)

Glassclamps with german certification AbP

Modell 24P-16



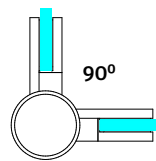
inkl. / incl.



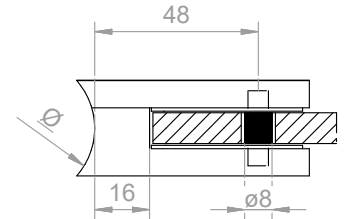
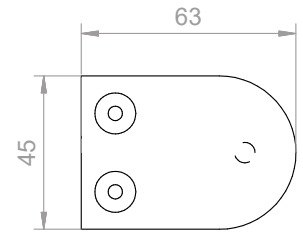
AbP für /for AISI 304 / 316

Art. Nr.	Rohr / pipe	Material / Material
72 929-00P	flach/flat	AISI 304
72 929-42P	42,4 mm	AISI 304
72 929-48P	48,3 mm	AISI 304
77 929-00P	flach/flat	AISI 316
77 929-42P	42,4 mm	AISI 316
77 929-48P	48,3 mm	AISI 316
85 929-00P	flach/flat	Zn roh/Zamak raw
85 929-42P	42,4 mm	Zn roh/Zamak raw

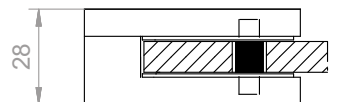
Blechstärke / Sheet thickness			Glas / glass			
1,5	2	3	8	8,76	10	10,76
GB01-24P	GB02-24P	GB03-24P	GL08-24P	GL0876-24 P	GL10-24P	GL1076-24P



42,4	✓
48,3	✓



Model 24P-16 mit schmalen Rücken,
nur 16 mm Glas. 8–10,76 mm.
*Model 24P-16 with narrow back, for 16 mm
glass. 8–10,76 mm.*



Glasbohrung Ø 10–12 mm
Glass drilling Ø 10–12 mm



Modell 24P-20

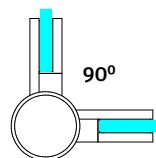


inkl. / incl.

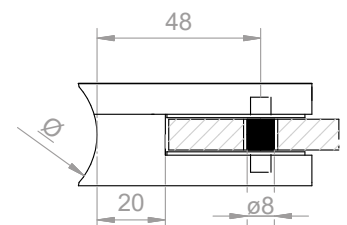
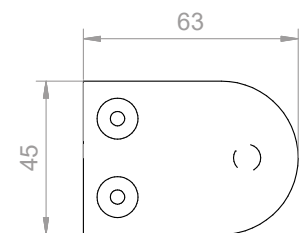


AbP für /for AISI 304 / 316

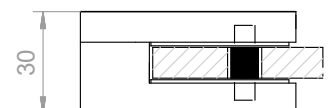
Art. Nr.	Rohr / pipe	Material / Material
72 925-00P	flach/flat	AISI 304
72 925-42P	42,4 mm	AISI 304
77 925-00P	flach/flat	AISI 316
77 925-42P	42,4 mm	AISI 316



42,4	✓
------	---



Model 24P-20
Glas 8–12,76 mm



Glasbohrung Ø 10–12 mm
Glass drilling Ø 10–12 mm



Glas / glass					
8	8,76	10	10,76	12	12,76
GPR-008	GPR-00876	GPR-0010	GPR-001076	GPR-0012	GPR-001276

Glasklemmen mit allgemeinem bauaufsichtlichen Prüfzeugnis (AbP) Glassclamps with german certification AbP

Modell 24B



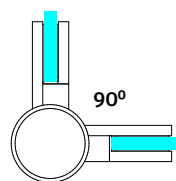
AbP für /for AISI 304 / 316



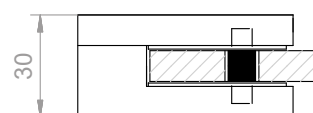
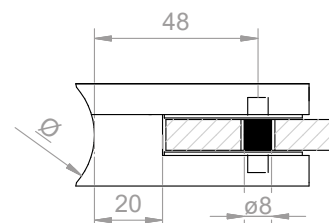
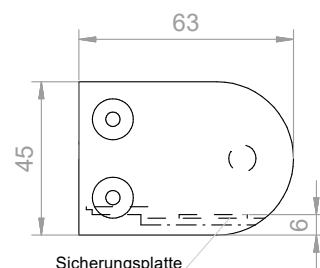
inkl. / incl.

Art. Nr.	Rohr / pipe	Material / Material	
72 924-00P	flach/flat	AISI 304	
72 924-42P	42,4 mm	AISI 304	

Glas / glass					
8	8,76	10	10,76	12	12,76
GPR-008	GPR-00876	GPR-0010	GPR-001076	GPR-0012	GPR-001276



42,4 ✓



Glasbohrung Ø10-12 mm
Glass hole Ø 10-12 mm

Modell 24

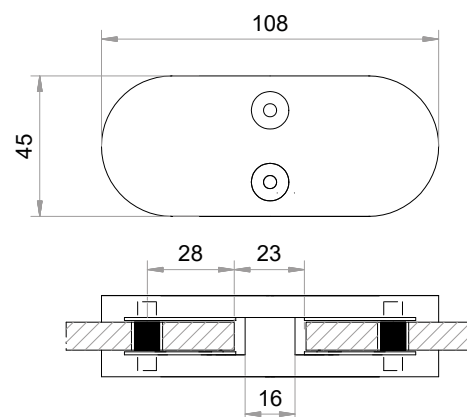
| Verbinder 90° und 180°
| Connector 90° and 180°



inkl. / incl.

Art. Nr.	Typ / Type	Material / Material
72 2200-180	180°	AISI 316

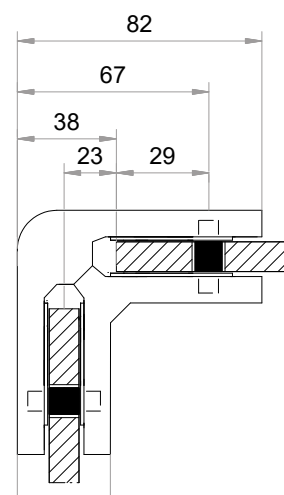
Blechstärke			Glas			
1,5	2	3	8	8,76	10	10,76
GB01-24P	GB02-24P	GB03-24P	GL08-24P	GL0876-24P	GL10-24P	GL1076-24P



inkl. / incl.

Art. Nr.	Typ / Type	Material / Material
72 090-90	90°	AISI 316

Glas / glass					
8	8,76	10	10,76	12	12,76
GL08-90	GL876-90	GL10-90	GL1076-90	GL12-90	GL1276-90



Glasbohrung Ø 10-12 mm
Glass hole Ø 10-12 mm

Glasklemmen mit allgemeinem bauaufsichtlichen Prüfzeugnis (AbP)

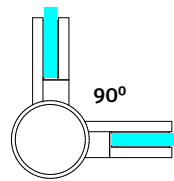
Glassclamps with german certification AbP

Modell 11P

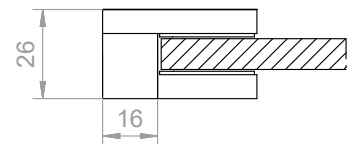
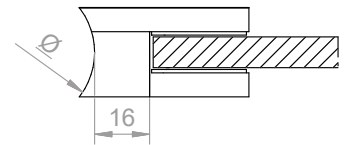
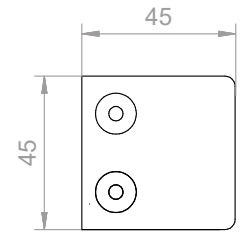


AbP für /for AISI 304 / 316

Art. Nr.	Rohr / pipe	Material / Material	
72 1110-00P	flach/flat	AISI 304	
72 1110-42P	42,4 mm	AISI 304	
77 1110-00P	flach/flat	AISI 316	
77 1110-42P	42,4 mm	AISI 316	
85 1110-00P	flach/flat	Zn roh/Zamak raw	



33,7	✓
42,4	✓



Glasbohrung Ø 10–12 mm
Glass hole Ø 10–12 mm

Glas / glass			
8	8,76	10	10,76
GP-008	GP-00876	GP-0010	GP-001076



Modell 21P

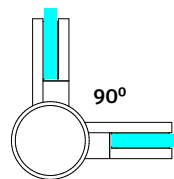


inkl. / incl.

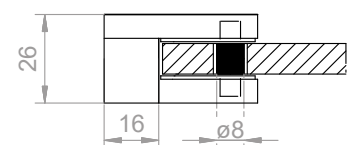
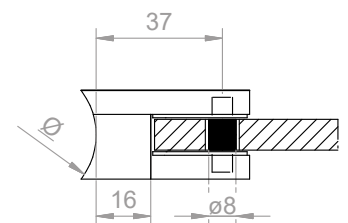
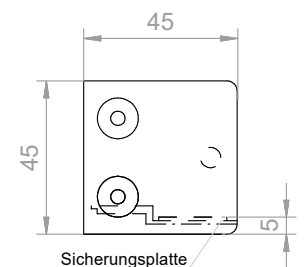


AbP für /for AISI 304 / 316

Art. Nr.	Rohr / pipe	Material / Material	
72 969-00P	flach/flat	AISI 304	
72 969-33P	33,7 mm	AISI 304	
72 969-42P	42,4 mm	AISI 304	
77 969-00P	flach/flat	AISI 316	
77 969-42P	42,4 mm	AISI 316	
85 969-00P	flach/flat	Zn roh/Zamak raw	
85 969-42P	42,4 mm	Zn roh/Zamak raw	



33,7	✓
42,4	✓



Glasbohrung Ø 10–12 mm
Glass hole Ø 10–12 mm

Glas / glass			
8	8,76	10	10,76
GP-008	GP-00876	GP-0010	GP-001076



Modell 25P



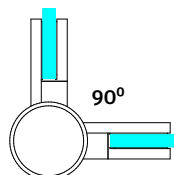
AbP für /for AISI 304 / 316



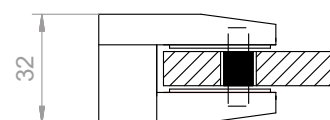
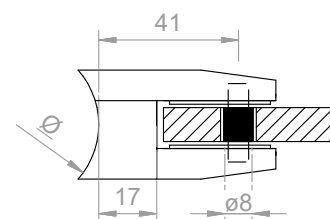
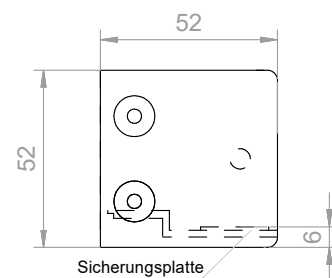
inkl. / incl.



Art. Nr.	Rohr / pipe	Material / Material	AbP
72 972-00P	flach/flat	AISI 304	AbP
72 972-42P	42,4 mm	AISI 304	AbP
72 972-48P	48,3 mm	AISI 304	AbP
77 972-00P	flach/flat	AISI 316	AbP
77 972-42P	42,4 mm	AISI 316	AbP
85 972-00P	flach/flat	Zn roh/Zamak raw	
85 972-42P	42,4 mm	Zn roh/Zamak raw	



48,3 ✓



Glasbohrung Ø 10-12 mm

Glas / glass					
8	8,76	10	10,76	12	12,76
GP52-008	GP52-876	GP52-010	GP52-1076	GP52-012	GP52-1276



Modell 11

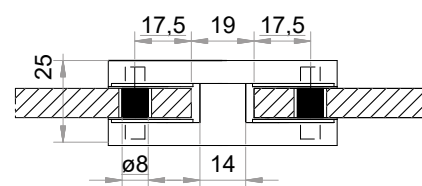
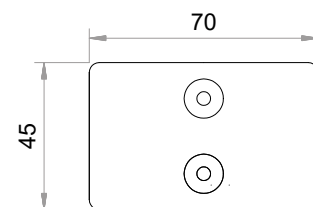
| Verbinder 90° und 180°
| Connector 90° and 180°



inkl. / incl.



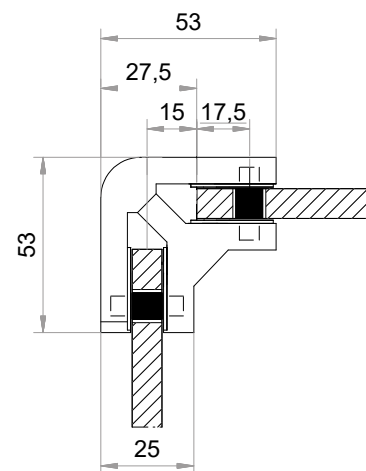
Art. Nr.	Typ / Type	Material / Material
72 230P-180	180°	AISI 316



inkl. / incl.



Art. Nr.	Typ / Type	Material / Material
72 230P-90	90°	AISI 316

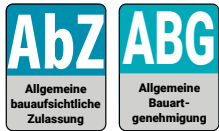


Glasbohrung Ø 10-12 mm

Glas / glass				
8	8,76	10	10,76	12,76
GP-008	GP-00876	GP-0010	GP-001076	GP-001276



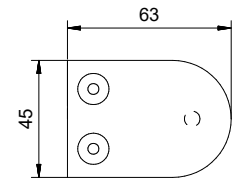
Modell 24 AbZ



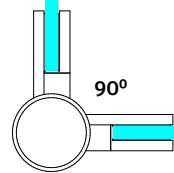
inkl. / incl.



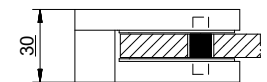
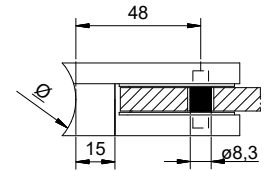
M8 x 20.



Art. Nr.	Rohr / pipe	Material / Material	
85 000-00	flach/flat	Zn roh/Zamak raw	AbZ
85 000-42	42,4 mm	Zn roh/Zamak raw	AbZ
85 000-48	48,3 mm	Zn roh/Zamak raw	AbZ
85 063-00	flach/flat	Zn VA Effekt/Zamak inox effect	AbZ
85 063-42	42,4 mm	Zn VA Effekt/Zamak inox effect	AbZ
85 063-48	48,3 mm	Zn VA Effekt/Zamak inox effect	AbZ



33,7	✓
42,4	✓



Gummi-Set Modell 24 AbZ

| Set = 2 Stück

Rubber set model 24 AbZ

| Set = 2 Stück

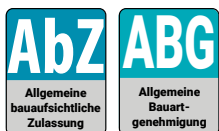


Gummi / rubber	Glasstärke / glass
G05-006	6 mm
G05-008	8 mm
G05-000	10 mm
G05-002	12 mm

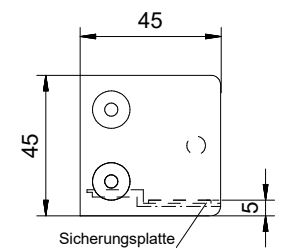


Gummi / rubber	Glasstärke / glass
G05-007	6,76 mm
G05-009	8,76 mm
G05-001	10,76 mm
G05-0015	11,52 mm
G05-003	12,76 mm

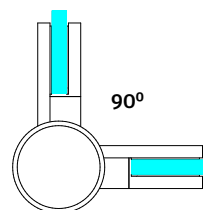
Modell 21 AbZ



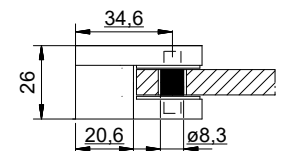
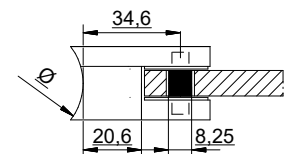
inkl. / incl.



Art. Nr.	Rohr / pipe	Material / Material	
72 969-00	flach/flat	AISI 304	AbZ
72 969-33	33,7 mm	AISI 304	AbZ
72 969-42	42,4 mm	AISI 304	AbZ
85 970-00	flach/flat	Zn VA Effekt/Zamak inox effect	AbZ
85 970-33	33,7 mm	Zn VA Effekt/Zamak inox effect	AbZ
85 970-42	42,4 mm	Zn VA Effekt/Zamak inox effect	AbZ
85 971-00	flach/flat	Zn roh/Zamak raw	AbZ
85 971-33	33,7 mm	Zn roh/Zamak raw	AbZ
85 971-42	42,4 mm	Zn roh/Zamak raw	AbZ



33,7	✓
42,4	✓



Gummi-Set Modell 21 AbZ

| Set = 2 Stück

Rubber set model 21 AbZ

| Set = 2 Stück



Gummi / rubber	Glasstärke / glass
G03-001	6 mm
G03-003	8 mm
G03-005	10 mm

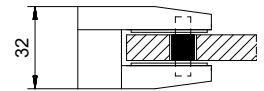
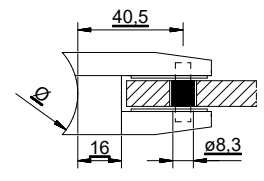
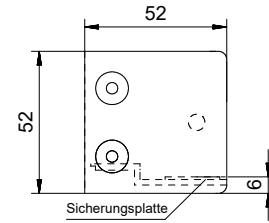


Gummi / rubber	Glasstärke / glass
G03-002	6,76 mm
G03-004	8,76 mm
G03-0045	9,52 mm
G03-006	10,76 mm

Modell 25P AbZ



inkl. / incl.



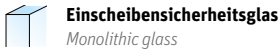
Art. Nr.	Rohr / Pipe	Material / Material	
72 972-00	flach/flat	AISI 304	AbZ
72 972-42	42,4 mm	AISI 304	AbZ
72 972-48	48,3 mm	AISI 304	AbZ

Gummi-Set Modell 25 AbZ

| Set = 2 Stück

Rubber set model 25 AbZ

| Set = 2 Stück



Gummi / rubber	Glasstärke / glass
G06-001	8 mm
G06-003	10 mm
G06-005	12 mm



Gummi / rubber	Glasstärke / glass
G06-002	8,76 mm
G06-0025	9,52 mm
G06-004	10,76 mm
G06-0045	11,52 mm
G06-006	12,76 mm

Diese neuen Klemmhalter eignen sich aufgrund Ihrer besonders kleinen und filigranen Bauart ideal für Hygiene und Spuckschutzkonstruktionen. **Sie sind nicht zu verwenden für absturzsichernde Konstruktionen.**

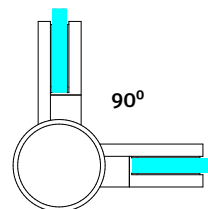
Due to their particularly small and filigree design, these new clamp holders are ideal for hygiene and spit protection constructions. They are not to be used for fall protection structures.

Modell 35

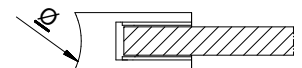
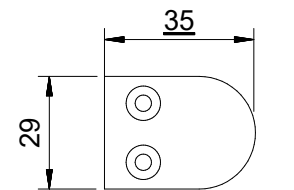


Art. Nr.	Rohr / pipe	Material / Material
72 911-00	flach/flat	AISI 304
72 911-33	33,7 mm	AISI 304
72 911-42	42,4 mm	AISI 304

Glas / glass
4 6 8
GP35-4 GP35-6 GP35-8



33,7	✓
42,4	✓

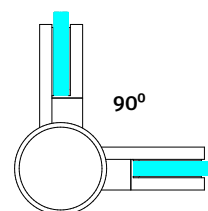


Modell 30

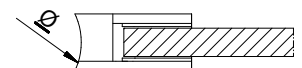
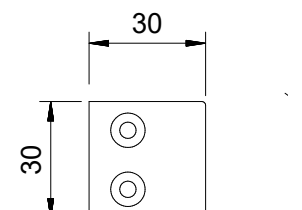


Art. Nr.	Rohr / pipe	Material / Material
72 912-00	flach/flat	AISI 304
72 912-33	33,7 mm	AISI 304
72 912-42	42,4 mm	AISI 304

Glas / glass
4 6 8
GP30-4 GP30-6 GP30-8



33,7	✓
42,4	✓



VA-Klemhalter einseitig geschlossen VA-clamp holder closed on one side



AISI304/V2A

| Abstand 12 mm | Distance 12 mm
| Inkl. VA-Adapter | Incl. VA-adapter

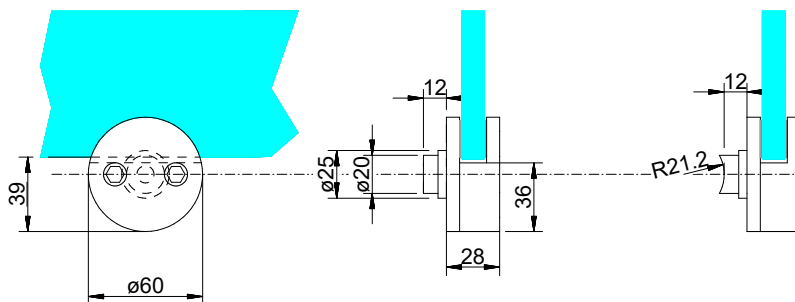
Art. Nr.	Rohr / Pipe
74 023-00	flach
74 023-42	42,4 mm

Gummi-Set für Punkthalter Rubber set for point fixings



| passend für Punkthalter 74023-304 | suitable for point fixings 74023-304
| Set = 2 Stück pro Punkthalter | Set = 2 pieces per point holder

Gummi / rubber	Glasstärke / glass	VE
74 223-1	8,0 mm	2 St.
74 126-1	8,76 mm	2 St.
74 127-1	10 mm	2 St.
74 128-1	10,76 mm	2 St.
74 129-1	12 mm	2 St.
74 130-1	12,76 mm	2 St.



| Ideal für Ecklösungen im Geländerbau
| Eckpfosten notwendig
| Geschlossene Glasfront (Optimal für Sicht- und Windschutz)

| Ideal for corner solutions in railing constructions
| No corner post necessary
| Closed glass front (optimal for sight and wind protection)



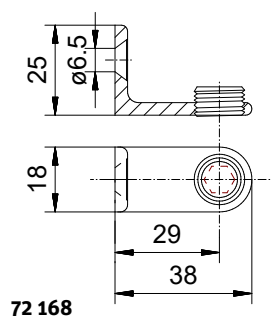
Montagewinkel zur nachträglichen Scheibensicherung Safety angle



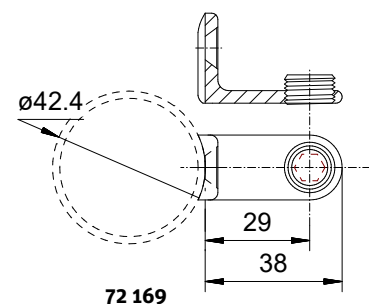
1 Bauteil: 2 Einbaumöglichkeiten
1 component: 2 installation options

AISI304/V2A | Geschliffen | Satinate

Art. Nr.	Rohr / Tube	Material / Material
72 168	flach / flat	AISI 304
72 169	42,4 mm	AISI 304



72 168



72 169

Punkthalter 2-tlg.

Für nachträgliche Montage an vorhandenen Querstabgeländern als:

- | Überkletterschutz
- | Wind - und Sichtschutz.

Es sind zur Montage keine Bohrungen an dem Geländer notwendig.

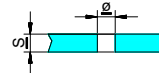
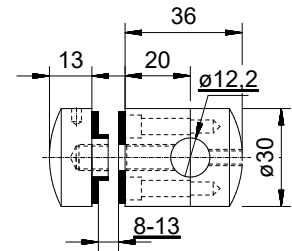
point fixture, two-part

For retrofitting on existing crossbar balustrades as:

- | Climbing deterrent
- | Wind and privacy screen

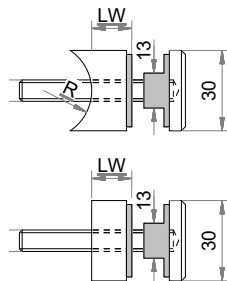
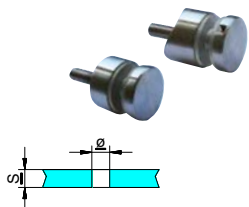
No drilling is required on the railing for assembly.

Art. Nr.	S	Ø	Mat.
72 933	8 -13 mm	16 mm	AISI 304



VA-Punkthalter Ø 30 mm

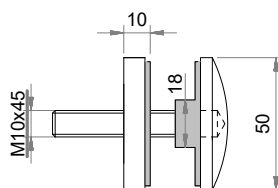
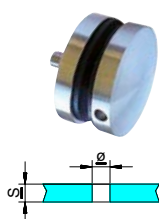
Point fixture



Art. Nr.	Rohr / pipe	S	Ø	LW	M	Mat.
72 966	flach/flat	6 -12,76 mm	15 mm	15	M8 x 40	AISI 304
72 968	33,7	6 -12,76 mm	15 mm	13	M8 x 50	AISI 304
72 967	42,4	6 -12,76 mm	15 mm	15	M8 x 40	AISI 304

VA-Punkthalter Ø 50 mm oval

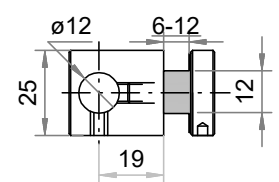
Point fixture oval



Art. Nr.	S	Ø	Mat.
81 810-oval	8-18 mm	20 mm	AISI 304

VA-Punkthalter Ø 25 mm

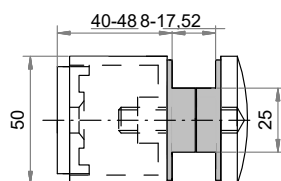
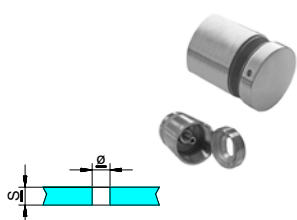
Point fixture



Art. Nr.	S	Ø	Mat.
72 917-1	6-12 mm	14 mm	AISI 304

VA-Punkthalter Ø 50 mm. Einstellbar

Point fixture, adjustable



Art. Nr.	S	Ø	Mat.
81 823-1	8-17,52 mm	30 mm	AISI 304

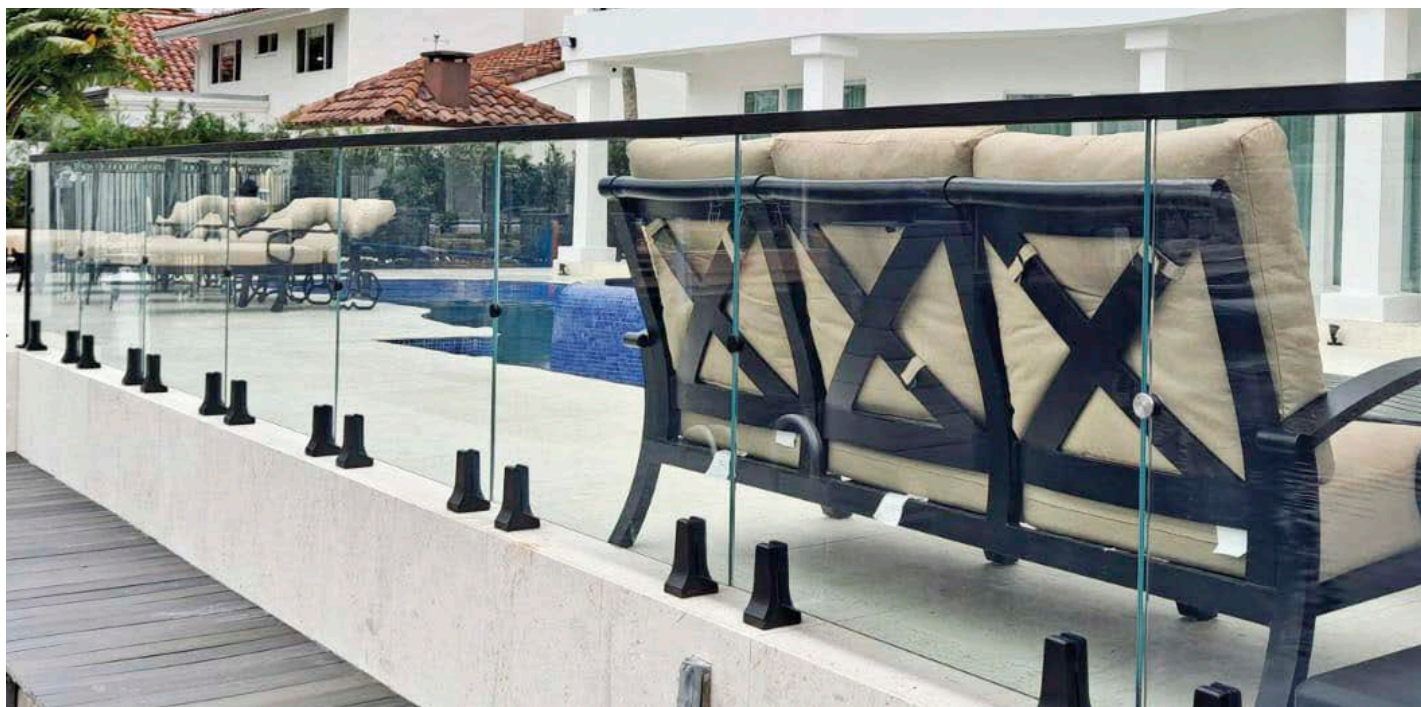
Universelles Montagewerkzeug

Universal assembly tool



AISI304/V2A

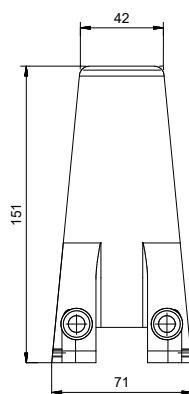
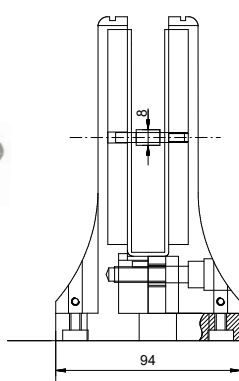
Art. Nr.	Länge / Length
72 931	230 mm



Bodenglassklemme Floor glass clamp



Ø Hole-Foro
> 10 mm



| Befestigungsmöglichkeiten in der Mitte oder an den Seiten
| Fixing possibility on a central point or on two points

| Verstellbare Füße, um das Geländer anzugleichen
| Adjustable feet from above for the levelling of the railing

Art. Nr.	S	Ø	Mat.
85 019	12,76 mm	10 mm	Zinkdruckguss/Zamac
85 020	17,52 mm	10 mm	Zinkdruckguss/Zamac

| Austauschbare Dekorabdeckung, anpassbar nach Wunsch, ohne die technischen Merkmale zu beeinträchtigen.
| Interchangeable cover customizable without changing the technical features

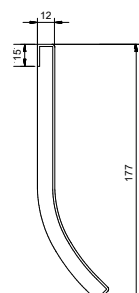
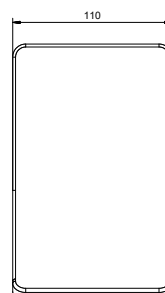
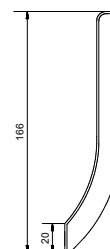
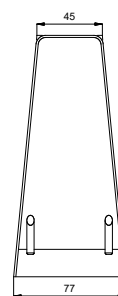
Blenden Covers



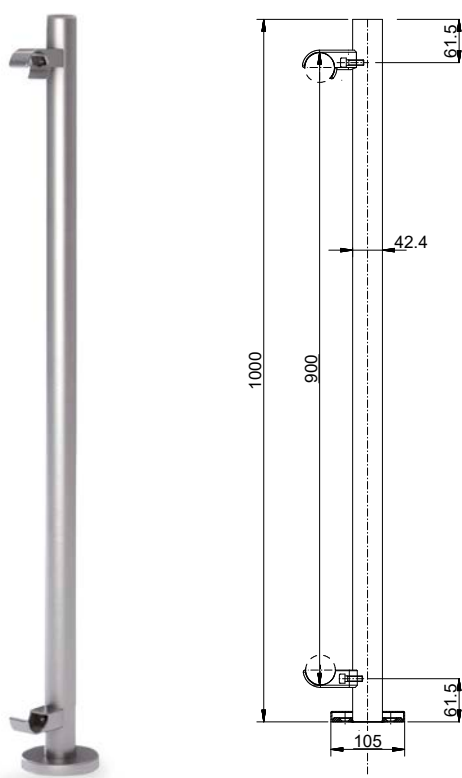
Art. Nr.	Finish	Mat.
77 141	Satiniert / satinate	AISI 316
77 142	Verchromt / mirror polish	AISI 316



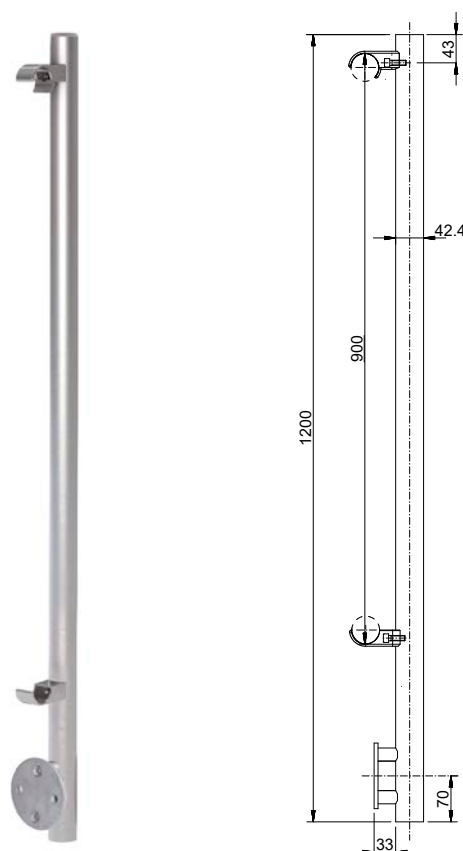
Art. Nr.	Finish	Mat.
77 143	Satiniert / satinate	AISI 316
77 144	Schwarz/black	AISI 316



Easy Hold Systempfosten
Easy hold system posts



Art. Nr.	Abmessung / Dimension	Material / Material	Länge / Length
EM24 2010	Ø 42,4 x 2,0 mm	AISI 304	1000 mm



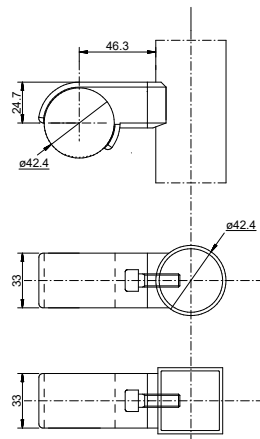
Art. Nr.	Abmessung / Dimension	Material / Material	Länge / Length
EL24 2010-2	Ø 42,4 x 2,0 mm	AISI 304	1200 mm

Easy Hold Systempfosten Easy hold system posts



AISI304/V2A

Art. Nr.	Ø Pfosten / Post
E2500300	flach/flat
E2500100	Ø 42,4 mm



AISI304/V2A

Art. Nr.	Ø Pfosten / Post
E2500310	flach/flat
E2500110	Ø 42,4 mm



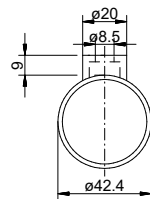
Easy Hold Rohradapter Easy hold tube adapter



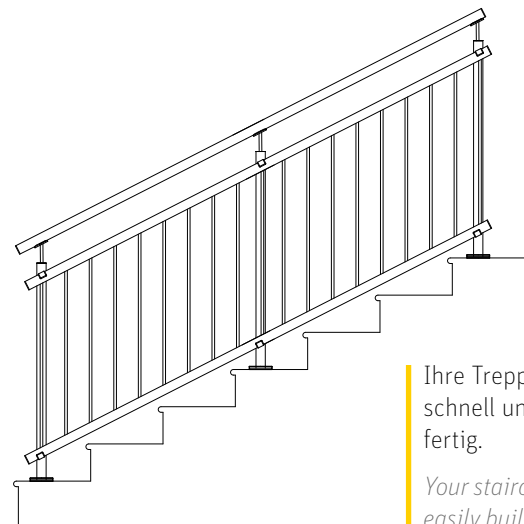
AISI304/V2A

| Für steigende Geländer

| For rising railing



Art. Nr.	Ø Pfosten / Post
E2500400	Ø 42,4 mm
E2500600	flach / flat



Ihre Treppen sind
schnell und einfach
fertig.

Your staircase is
easily built

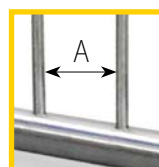
VA-Geländerfeld -montagefertig VA-railing panel - ready for installation



AISI304/V2A

- | Mit Zwischenstab Ø 12 mm
- | Ohne Endkappen
- | Werkstoff 1.4301
- | Alle Stäbe rundum verschweißt

- | With intermediate rod Ø 12 mm
- | Without end caps
- | Material 1.4301
- | All bars welded all around

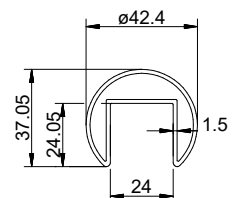


Art. Nr.	Abmessung / Dimension	L x H	A
E1900300	Ø 42,4 x 2,0 mm	2000 x 900 mm	100 mm
E1900400	Ø 42,4 x 2,0 mm	3000 x 900 mm	100 mm

Nutrohr Grooved tube



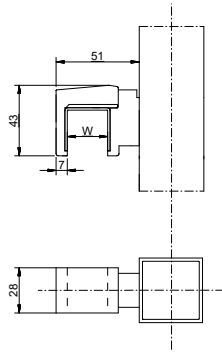
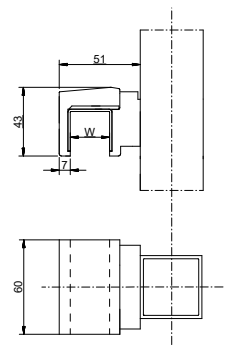
AISI304/V2A



- | Nut 24 x 24 mm
- | Korn 320

- | Groove 24 x 24 mm
- | Grain 320

Art. Nr.	Länge Ø / Length	Nut
77 800-2	5 m	24 x 24 mm

Easy Hold Square
Easy Hold Square

Easy Hold Square
Easy Hold Square


AISI304/V2A

| Oberteil/Unterteil

| Upper part/lower part

AISI304/V2A

| Oberteil/Unterteil

| Upper part/lower part

Art. Nr.	Pfosten / post	W	Mat.
E3500100	flach/flat	10,76 - 25 mm	AISI304



Art. Nr.	Pfosten / post	W	Mat.
E3500105	flach/flat	10,76 - 25 mm	AISI304

Lastabtragendes Kantenschutzprofil
Edge protection profile


AISI304/V2A

| Geschliffen

| Foliert

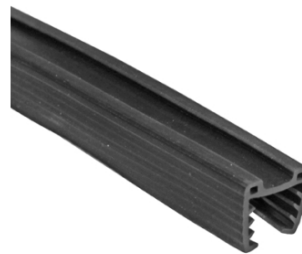
| Passendes Gummiprofil:
72 030, 72 031, 72 032

| Satinate

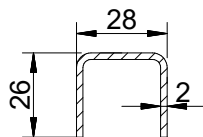
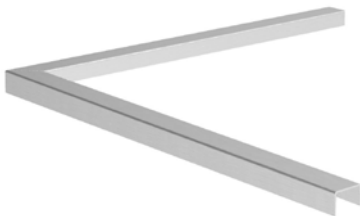
| Foiled

| Matching rubber gasket:
72 030, 72 031, 72 032

Art. Nr.	Länge / Length	Abmessung / Dimension
77 805-2.5	2500 mm	28 x 26 x 2 mm
77 805-5	5000 mm	28 x 26 x 2 mm

Gummiprofil
Rubber gasket


Art. Nr.	Glasdicke / Glass	Länge / Length
72 030	10,0 mm - 12,76 mm	5,0 m
72 031	16,0 mm - 17,5 mm	5,0 m
72 032	20,76 mm - 21,52 mm	5,0 m

Eckverbinder U-Profil 90°
U-profile corner connector 90°


AISI304/V2A

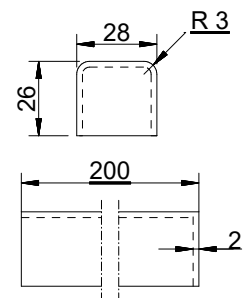
| Geschliffen

| Passend zu 77 805-2.5, 77 805-5

| Satinate

| Matching 77 805-2.5, 77 805-5

Art. Nr.	Länge / Length	Abmessung / Dimension
77 810	200 x 200 mm	28 x 26 x 2 mm

Endstück U-Profil L = 200 mm
U-profile end piece L = 200 mm


AISI304/V2A

| Geschliffen

| Foliert

| Passendes Gummiprofil:
72 030, 72 031, 72 032

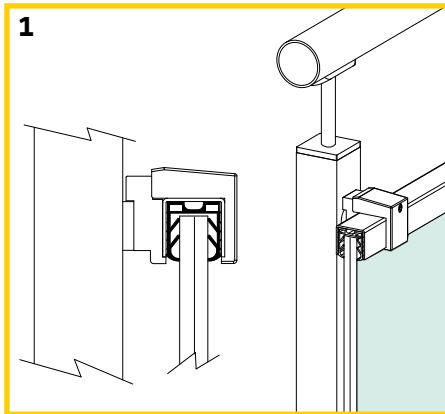
| Satinate

| Foiled

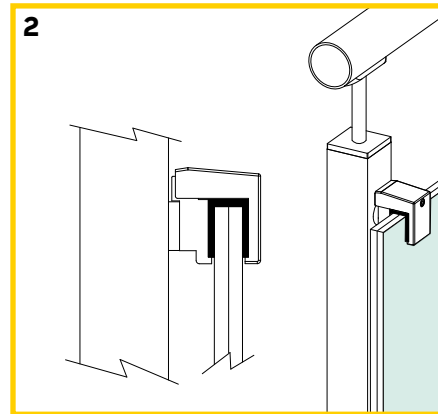
| Matching rubber gasket:
72 030, 72 031, 72 032

Art. Nr.	Länge / Length	Abmessung / Dimension
77 811	200 mm	28 x 26 x 2 mm

1 EASY HOLD SQUARE = 2 mögliche Installationen
1 EASY HOLD SQUARE = 2 possible installations



| Mit dem Profil 77 805
 | Can be combined with
 profile 77 805



| Verwendbar, um die
 Glasplatte direkt
 zu befestigen. Mit
 den passenden
 Gummidichtungen können
 Platten mit einer Stärke
 von 10,76 bis 21,52 mm
 befestigt werden.
 | Can be used to fix the glass
 plate directly. With the
 right rubber seals, panels
 with a thickness of 10.76 to
 21.52 mm can be attached.



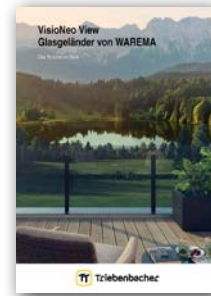
Neues Geländer System VisioNeo View bei Triebenbacher. New VisioNeo View railing system at Triebenbacher.

Überragende Merkmale

- | Transparente Optik. Große Pfostenabstände bis 1700 mm
- | Geländerhöhen bis 1800 mm. Anwendung als Sicht - oder Windschutz
- | Montagemöglichkeiten (aufgesetzt, Vorgesetzt, Unterflur)
- | auf Wunsch inkl. Frontverblendungen
- | auf Wunsch inkl. Glas.

Outstanding Features

- | Transparent look. Large post spacing up to 1700 mm
- | Railing heights up to 1800 mm. Suitable for privacy or wind protection
- | Mounting options (top-mounted, front-mounted, flush-mounted)
- | Front claddings available on request
- | Glass available on request



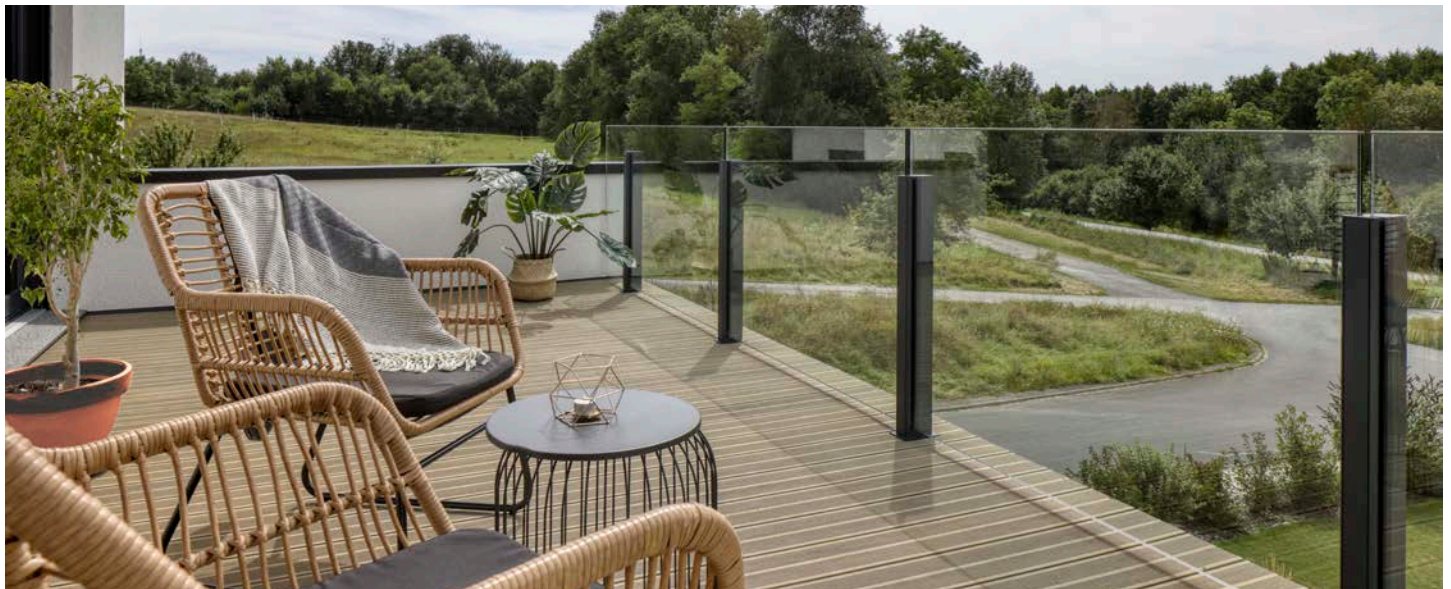
Schönheit trifft Sicherheit
Beauty Meets Safety



AbZ Z-70.5-287



Jetzt downloaden.
Download now.



Maximale Transparenz durch große Pfostenabstände bis 1,70 mtr. *Maximum transparency thanks to wide post spacing of up to 1.70 m.*



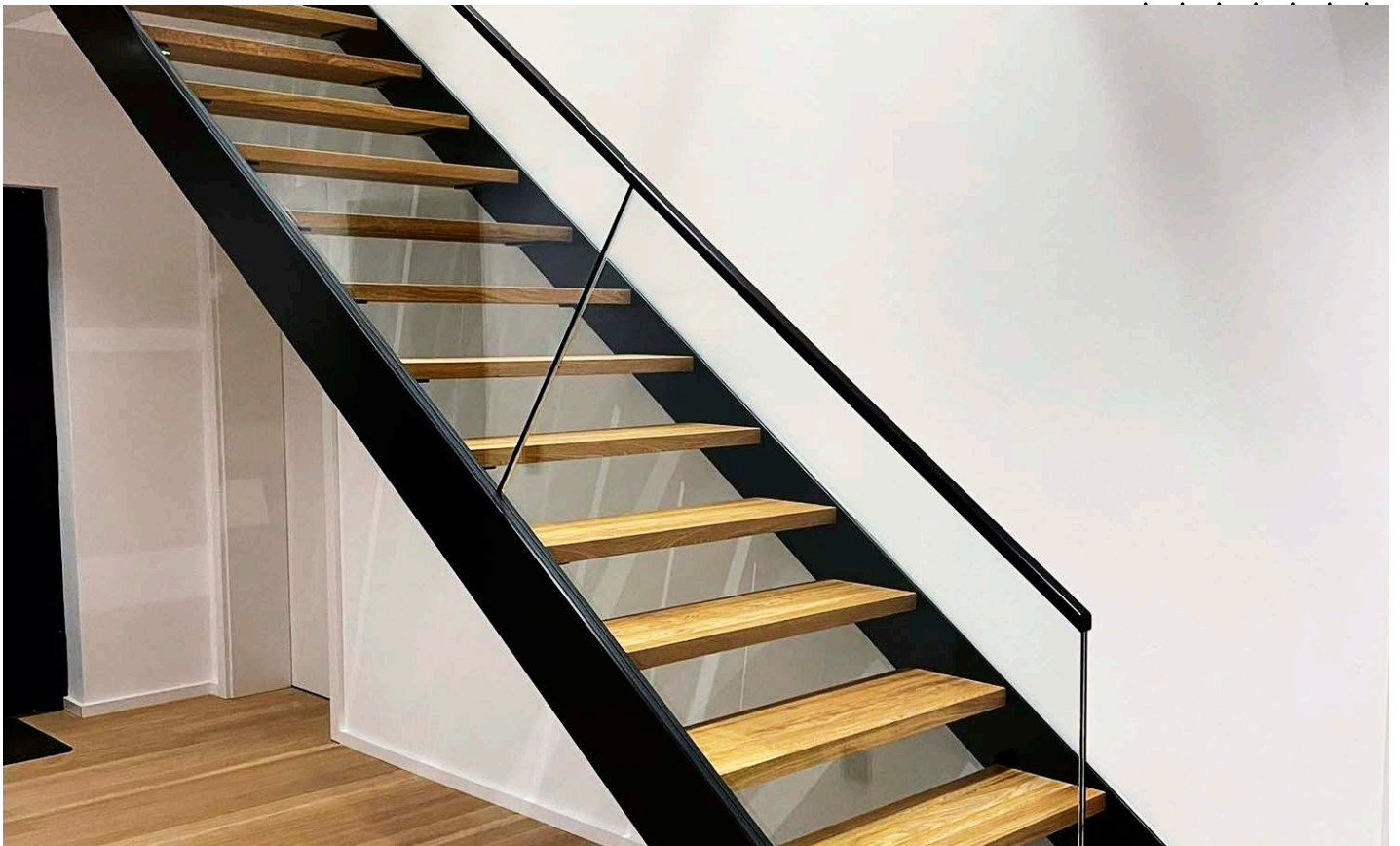
Lieferbar auf Wunsch inkl. Verblendungen. Ideal in der Renovierung.
Available on request including cladding. Ideal for renovation projects.



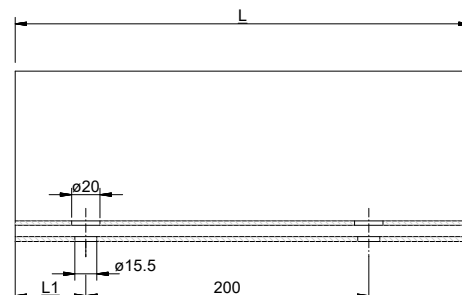
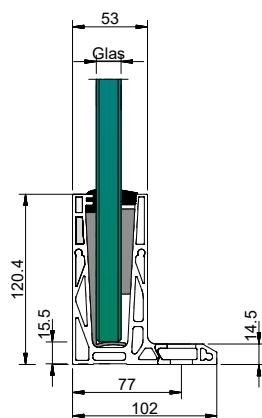
Höhen bis 1,80 m zulässig. Einmalig: Geländer und Wind oder Sichtschutz in einer einheitlichen Optik umsetzbar.
Heights up to 1.80 m are permitted. Unique: railing and wind or privacy protection can be realized in a uniform design.

Ganzglasgeländer & Zubehör

Frameless glass railings & accessories

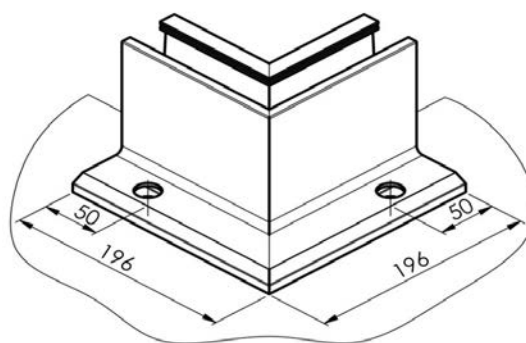


Aluprofil Ganzglasgeländer, Boden-Montage *Aluminium profile glass railing, floor-mounted*



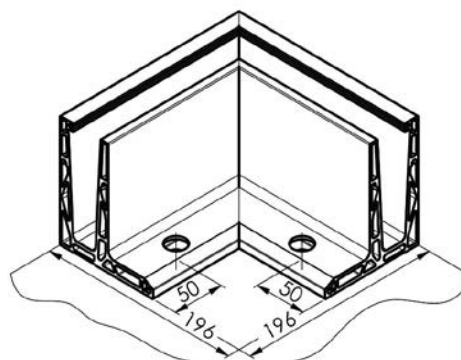
Art. Nr.	Oberfläche / Surface	Glas / Glass	Lieferlänge (L) / Delivery length (L)	L1
» 71 800-2500	ALU eloxiert / <i>ALU anodized</i>	17,52 – 21,52 mm	2500 mm	50 mm
» 71 800-5000	ALU eloxiert / <i>ALU anodized</i>	17,52 – 21,52 mm	5000 mm	100 mm

Innenecke 90° *Inside corner 90°*



Art. Nr.	Oberfläche / Surface	Glas / Glass
» 71 801	ALU eloxiert / <i>ALU anodized</i>	17,52 – 21,52 mm

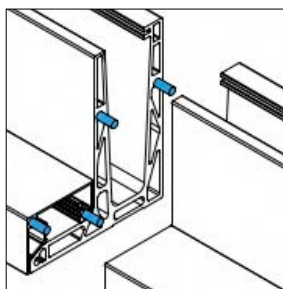
Außenecke 90° *Outside corner 90°*



Art. Nr.	Oberfläche / Surface	Glas / Glass
» 71 802	ALU eloxiert / <i>ALU anodized</i>	17,52 – 21,52 mm

Edelstahl - Verbindungstift

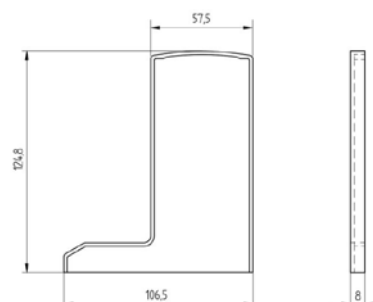
Stainless steel - connecting pin



Art. Nr.	Abmessung / Dimension
» 71 829	Ø 5 x 30 mm

Endkappen

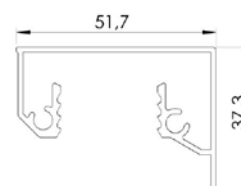
End caps



Art. Nr.	Seite / Page	Glas / Glass
» 71 803	Rechts / Right	ALU eloxiert / ALU anodized
» 71 804	Links / Left	ALU eloxiert / ALU anodized

Abdeckleiste für Befestigung

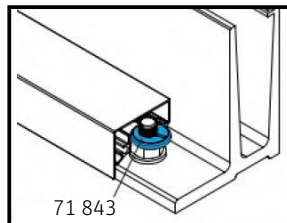
Cover strip for fastening



Anwendung Abdeckprofil
Cover profile application

Art. Nr.	Lieferlänge / Delivery length	Oberfläche / Surface
» 71 842	5000 mm	ALU eloxiert / ALU anodized

Befestigungs-Adapter für Abdeckleiste *Fastening adapter for cover strip*



Art. Nr.	Durchmesser / <i>Diameter</i>	Material
» 71 843	D = 26 mm	Kunststoff schwarz / <i>Black plastic</i>

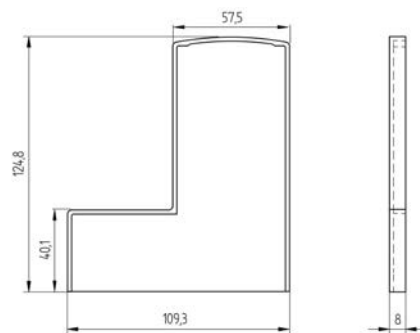
Endkappen für Abdeckleiste *End caps for cover moulding*



Rechts / *Right*

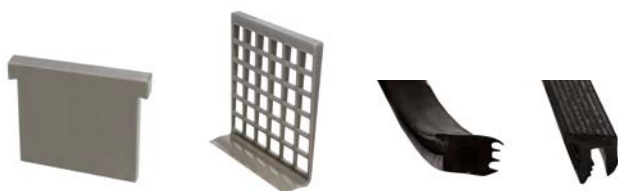


Links / *Left*



Art. Nr.	Seite / <i>Page</i>	Glas / <i>Glass</i>
» 71 840	Rechts / <i>Right</i>	ALU eloxiert / <i>ALU anodized</i>
» 71 841	Links / <i>Left</i>	ALU eloxiert / <i>ALU anodized</i>

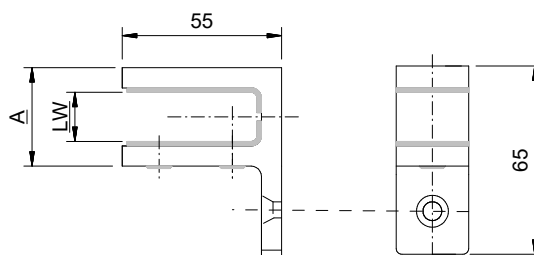
Verglasungs – Set, inkl. Keile und Glasdichtungen für Profillängen 2,5 und 5,0 m *Glazing set, incl. wedges and glass seals for profile lengths 2.5 and 5.0 m*



Art. Nr.	Glasdicke / <i>Glass thickness</i>	L Element	Länge / <i>Length</i>
» 71 825	17,52 mm	99 x 82 mm	2,5 m
» 71 826	17,52 mm	99 x 82 mm	5,0 m
» 71 827	21,52 mm	99 x 82 mm	2,5 m
» 71 828	21,52 mm	99 x 82 mm	5,0 m

Glasführungshalter für Wandmontage

Glass holder for wall mounting



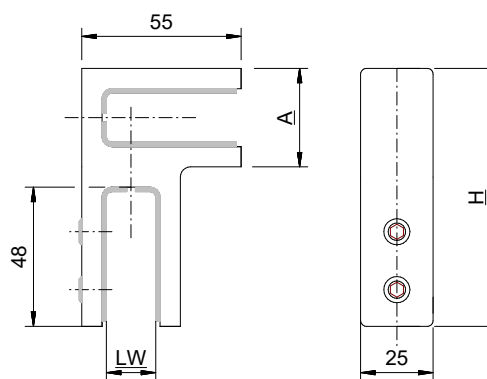
AISI316/V4A

| Geschliffen | Satinate

Art. Nr.	Typ / Type	A	LW
» 72 140	Wand / Glas 90°	34	12 – 15 mm
» 72 141	Wand / Glas 90°	40	16,76 – 21,52 mm

Glasverbinder 90°

Glass connector 90°



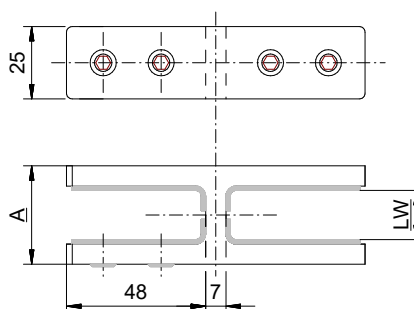
AISI316/V4A

| Geschliffen | Satinate

Art. Nr.	Typ / Type	A	H	LW
» 72 142	Glas / Glas 90°	34	82	12 – 15 mm
» 72 143	Glas / Glas 90°	40	88	16,76 – 21,52 mm

Glasverbinder 180°

Glass connector 180°

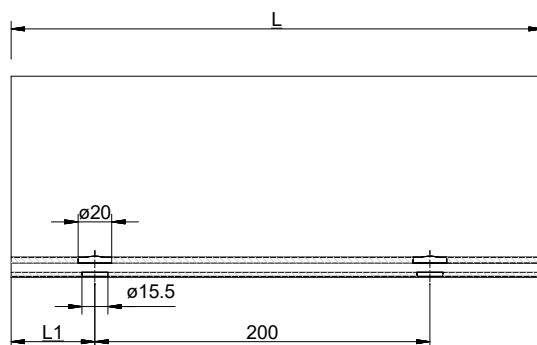
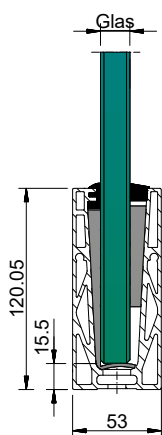


AISI316/V4A

| Geschliffen | Satinate

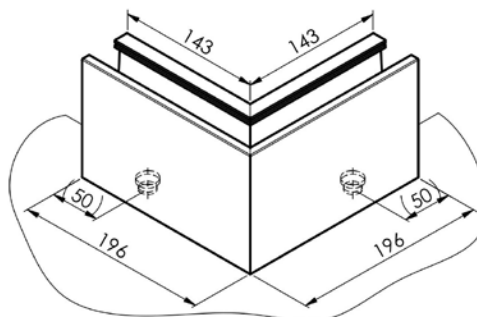
Art. Nr.	Typ / Type	A	LW
» 72 147	Glas / Glas 180°	34	12 – 15 mm
» 72 148	Glas / Glas 180°	40	16,76 – 21,52 mm

Aluprofil Ganzglasgeländer, Boden-Montage *Aluminium profile glass railing, floor-mounted*



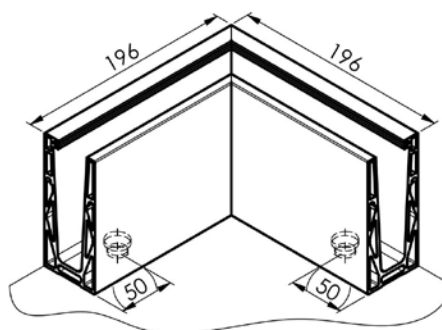
Art. Nr.	Oberfläche / Surface	Glas / Glass	Lieferlänge (L) / Delivery length (L)	L1
» 71 806-2500	ALU eloxiert / ALU anodized	17,52 – 21,52 mm	2500 mm	50 mm
» 71 806-5000	ALU eloxiert / ALU anodized	17,52 – 21,52 mm	5000 mm	100 mm

Innenecke 90° *Inside corner 90°*



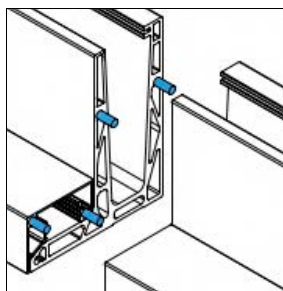
Art. Nr.	Oberfläche / Surface	Glas / Glass
» 71 807	ALU eloxiert / ALU anodized	17,52 – 21,52 mm

Außenecke 90° *Outside corner 90°*



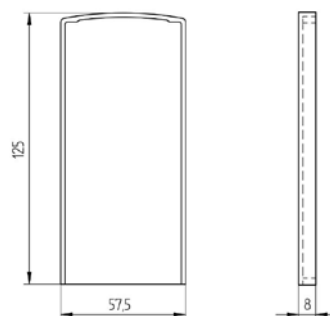
Art. Nr.	Oberfläche / Surface	Glas / Glass
» 71 808	ALU eloxiert / ALU anodized	17,52 – 21,52 mm

Edelstahl - Verbindungstift Stainless steel - connecting pin



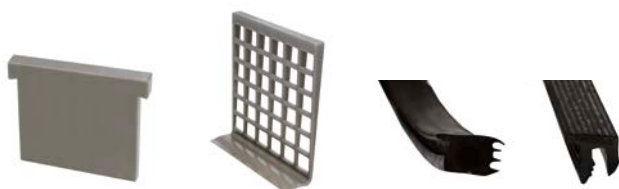
Art. Nr.	Abmessung / Dimension
» 71 829	Ø 5 x 30 mm

Endkappen rechts / links verwendbar End caps can be used right / left



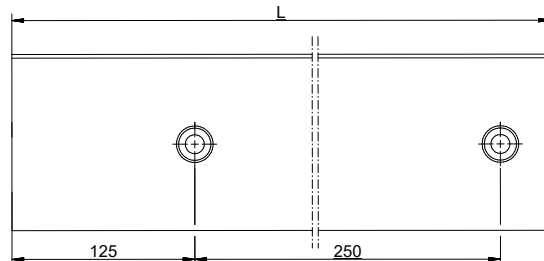
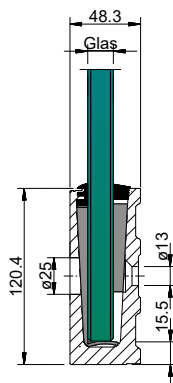
Art. Nr.	Oberfläche / Surface
» 71 809	ALU eloxiert / ALU anodized

Verglasungs – Set, inkl. Keile und Glasdichtungen für Profillängen 2,5 und 5,0 m Glass - Installation Set, incl. wedges and glass seals for profile lengths 2.5 and 5.0 m



Art. Nr.	Glasdicke / Glass thickness	L Element	Länge / Length
» 71 825	17,52 mm	99 x 82 mm	2,5 m
» 71 826	17,52 mm	99 x 82 mm	5,0 m
» 71 827	21,52 mm	99 x 82 mm	2,5 m
» 71 828	21,52 mm	99 x 82 mm	5,0 m

Aluprofil Ganzglasgeländer, Seiten-Montage (ohne Blenden) Aluminium profile glass railing, side mounting (without panels)



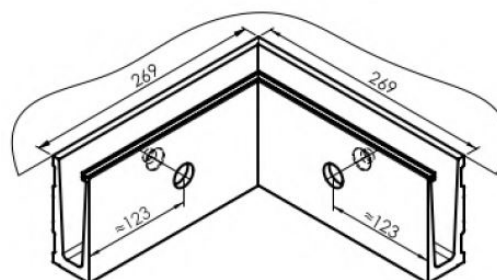
Art. Nr.	Oberfläche / Surface	Glas / Glass	Lieferlänge (L) / Delivery length (L)
» 71 810-2500	ALU eloxiert / ALU anodized	17,52 – 21,52 mm	2500 mm
» 71 810-5000	ALU eloxiert / ALU anodized	17,52 – 21,52 mm	5000 mm

Abdeckblende Cover panel



Art. Nr.	Oberfläche / Surface	Länge / Length
» 71 815-2500	ALU eloxiert / ALU anodized	2500 mm
» 71 815-5000	ALU eloxiert / ALU anodized	5000 mm

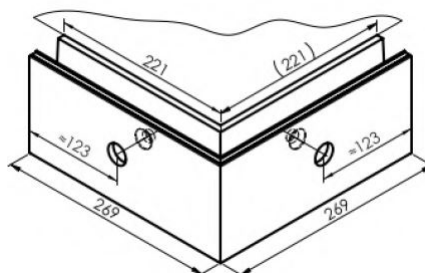
Innenecke 90° (Lieferumfang ohne Blenden) Inside corner 90° (scope of delivery without covers)



Art. Nr.	Oberfläche / Surface	Glas / Glass
» 71 813	ALU eloxiert / ALU anodized	17,52 – 21,52 mm

Außenecke 90° (Lieferumfang ohne Blenden)

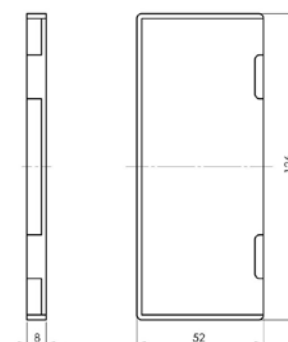
Außenecke 90° (Lieferumfang ohne Blenden)



Art. Nr.	Oberfläche / Surface	Glas / Glass
» 71 814	ALU eloxiert / ALU anodized	17,52 – 21,52 mm

Endkappen rechts / links verwendbar

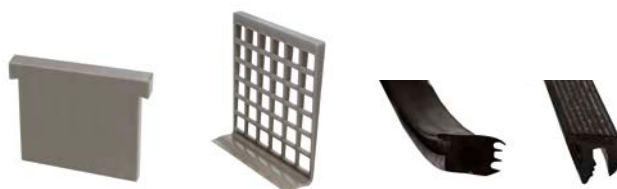
End caps can be used right / left



Art. Nr.	Oberfläche / Surface
» 71 816	ALU eloxiert / ALU anodized

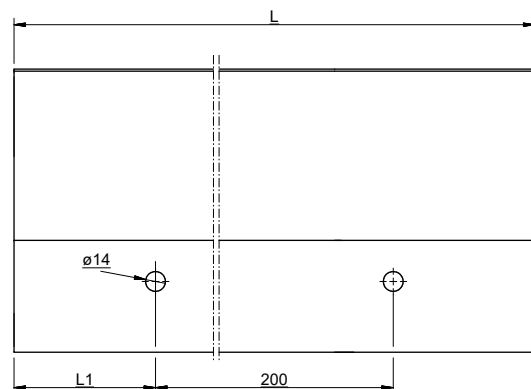
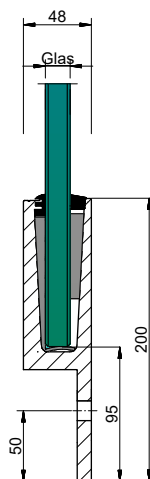
Verglasungs – Set, inkl. Keile und Glasdichtungen für Profillängen 2,5 und 5,0 m

Glass - Installation Set, incl. wedges and glass seals for profile lengths 2.5 and 5.0 m



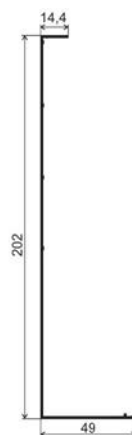
Art. Nr.	Glasdicke / Glass thickness	L Element	Länge / Length
» 71 825	17,52 mm	99 x 82 mm	2,5 m
» 71 826	17,52 mm	99 x 82 mm	5,0 m
» 71 827	21,52 mm	99 x 82 mm	2,5 m
» 71 828	21,52 mm	99 x 82 mm	5,0 m

Aluprofil Ganzglasgeländer, Seiten-Montage *Aluminium profile glass railing, side mounting*



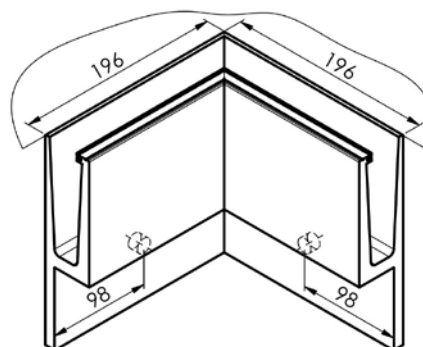
Art. Nr.	Oberfläche / Surface	Glas / Glass	Lieferlänge (L) / Delivery length (L)	L1
» 71 817-2500	ALU eloxiert / <i>ALU anodized</i>	17,52 – 21,52 mm	2500 mm	50 mm
» 71 817-5000	ALU eloxiert / <i>ALU anodized</i>	17,52 – 21,52 mm	5000 mm	100 mm

Abdeckblende *Cover panel*



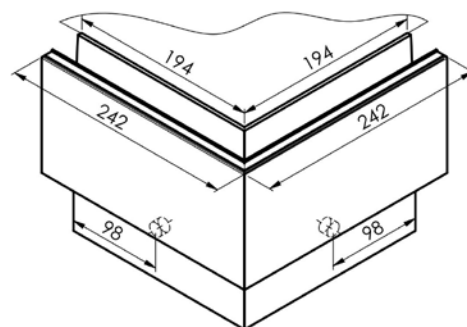
Art. Nr.	Oberfläche / Surface	Länge / Length
» 71 820-2500	ALU eloxiert / <i>ALU anodized</i>	2500 mm
» 71 820-5000	ALU eloxiert / <i>ALU anodized</i>	5000 mm

Innenecke 90° (Lieferumfang ohne Blenden) *Inside corner 90° (scope of delivery without covers)*



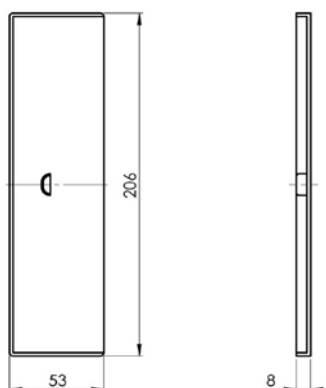
Art. Nr.	Oberfläche / Surface	Glas / Glass
» 71 818	ALU eloxiert / <i>ALU anodized</i>	17,52 – 21,52 mm

Außenecke 90° (Lieferumfang ohne Blenden) Outside corner 90° (scope of delivery without covers)



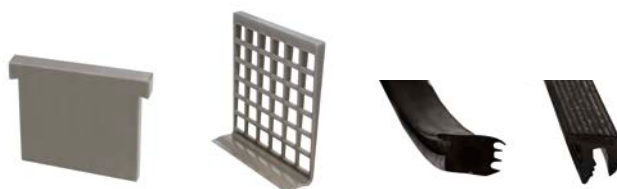
Art. Nr.	Oberfläche / Surface	Glas / Glass
» 71 819	ALU eloxiert / ALU anodized	17,52 – 21,52 mm

Endkappen rechts / links verwendbar End caps can be used right / left



Art. Nr.	Oberfläche / Surface
» 71 821	ALU eloxiert / ALU anodized

Verglasungs – Set, inkl. Keile und Glasdichtungen für Profillängen 2,5 und 5,0 m Glass - Installation Set, incl. wedges and glass seals for profile lengths 2.5 and 5.0 m



Art. Nr.	Glasdicke / Glass thickness	L Element	Länge / Length
» 71 825	17,52 mm	99 x 82 mm	2,5 m
» 71 826	17,52 mm	99 x 82 mm	5,0 m
» 71 827	21,52 mm	99 x 82 mm	2,5 m
» 71 828	21,52 mm	99 x 82 mm	5,0 m

Montagewerkzeug (Mat. Edelstahl) zum Arretieren der Befestigungskeile und zum einrollen der Dichtungen
Assembly tool (stainless steel material) for locking the fastening wedges and rolling in the seal



INFO

Art. Nr.	Beschreibung / Product description
» 71 830	passend für alle Profile / Suitable for all profiles

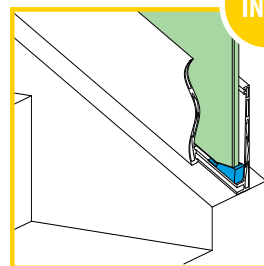
Abstand- und Dichtungs-Gummi (EPDM schwarz) zum selbsteinpassen
Spacer and sealing rubber (EPDM black) for self-fitting



INFO

Art. Nr.	Länge / Length	Für Glasdicken / For glass thicknesses
» 71 831	100 mm	17,52 – 21,52 mm

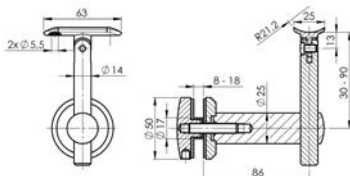
Glasstopper Glas



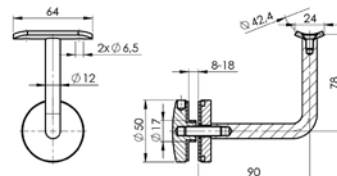
INFO

Art. Nr.	Beschreibung / Product description
» 71 832	passend für alle Profile / Suitable for all profiles

VA-Handlaufträger
VA handrail support



VA-Handlaufträger
VA handrail support



AISI304/V2A

Art. Nr.	Für Rohr/ For tube	Glasstärke / Glass thickness
» 71 833	42,4 mm	8 – 18 mm

AISI316/V4A	Für Glas 8 – 18 mm Mit Kippgelenk Höhenverstellbar	For glass 8 – 18 mm With tilt joint Height adjustable
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Art. Nr.	Für Rohr/ For tube	Glasstärke / Glass thickness
» 71 834	42,4 mm	8 – 18 mm

Mehr Handläufe & Zubehör finden Sie ab Seite 5.
You can find more handrails & accessories from page .

Vordächer

aus Edelstahl & Aluminium

Canopies

made of stainless steel & aluminum





VA-Glasvordach-Montageachse POINT F *VA glass canopy assembly axis POINT F*

- | Mit stat. Prüfung „Made in Germany“
- | Abhängestange auf Bedarfsmaß gefertigt
- | *With stat. "Made in Germany" test*
- | *Suspension rod made to measure*

Eine Achse besteht aus:

- | 2 Glaspunkthalter
- | 2 Wandhalter
- | 1 Abhängestange

Abhängestange:

- | Länge auf Maß gefertigt
- | Neigung 30°–60° zur Horizontalen

An axis consists of:

- | 2 glass point holders
- | 2 wall brackets
- | 1 suspension rod

Suspension rod:

- | Length made to measure
- | Inclination 30 ° –60 ° to the horizontal

Glasscheibe:

- | Nach Ihren Maßangaben bis 3400 x 1400 mm
- | 5°–10° Neigung nach unten, zur Horizontalen
- | Bis 3 kN/m² Schneelast
- | (Glas im Lieferumfang nicht enthalten)

Bohrungen:

- | Liegen in einer Flucht
- | Ø 25 mm
- | Randabstand: vorne / Seite 100–300 mm, zur Wand 120 mm

Glass pane:

- | According to your dimensions up to 3400 x 1400 mm
- | 5 ° –10 ° inclination downwards, to the horizontal
- | Up to 3 kN / m² snow load
- | (Glass not included)

Bores:

- | Lie in flight
- | Ø 25 mm
- | Edge distance: front / side 100–300 mm, to the wall 120 mm

AISI316/V4A

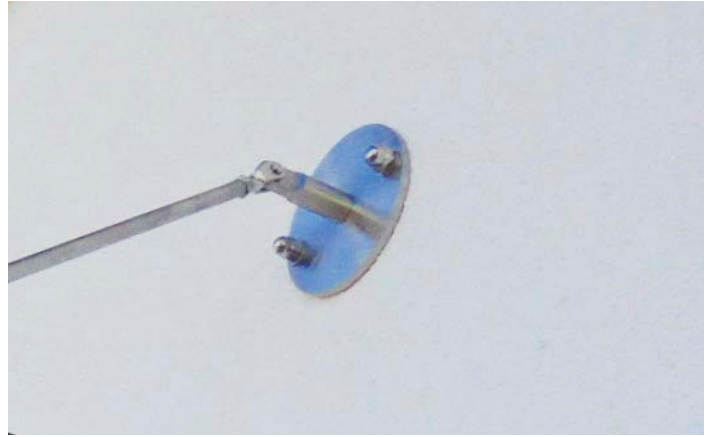
Art. Nr.	passend für Glas / suitable for glass
81 600	13,52–25,52 mm

AISI304/V2A

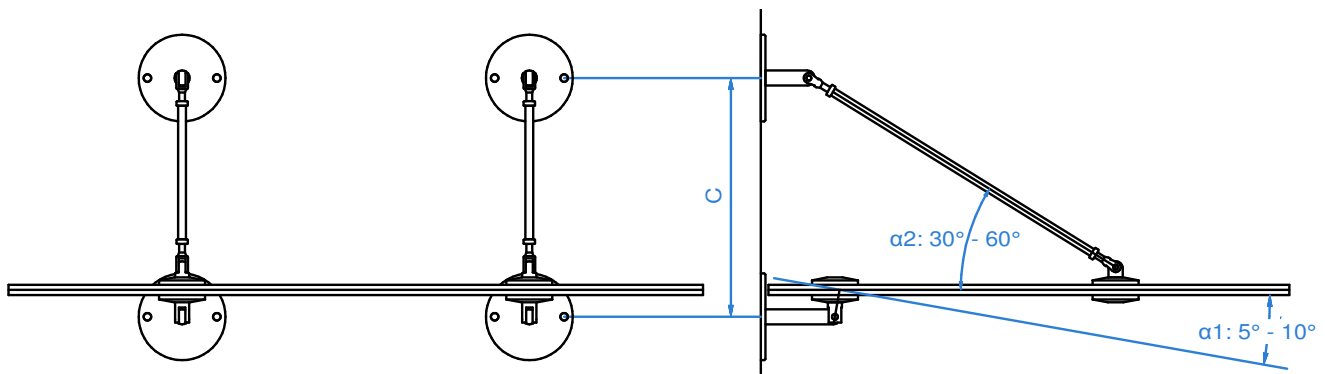
Art. Nr.	passend für Glas / suitable for glass
81 601	13,52–25,52 mm



Das Maß C ist abhängig von der Glasstärke und von der Tiefe des Glases.
Mit der Auftragsbestätigung erhalten Sie das Maß C.

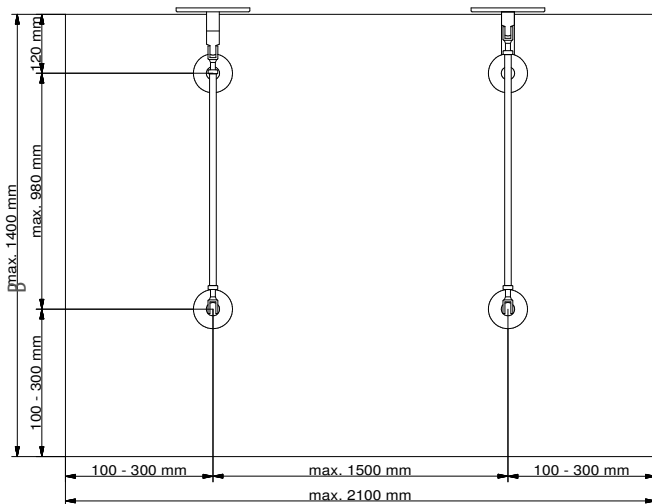


The dimension C depends on the glass thickness and the depth of the glass.
With the order confirmation you will receive dimension C.



Ausführung der Glasstärken und Glasgrößen Execution of glass thicknesses and sizes

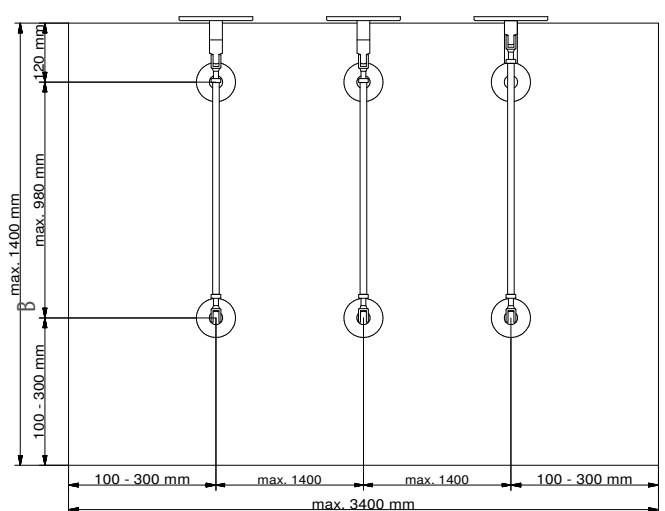
4-Punkt-Lagerung mit 2 Achsen bis 2100 mm Breite 4-point support with 2 axes up to 2100 mm wide



2 Achsen 2 axes

kN	max. A x B	VSG (+ PVB 1,52 mm)	max. A2
1 kN/m ²	1800 x 1400 mm	2 x TVG 6 mm	1200 mm
1 kN/m ²	2100 x 1400 mm	2 x TVG 8 mm	1500 mm
2 kN/m ²	1600 x 1400 mm	2 x TVG 8 mm	1000 mm
2 kN/m ²	2100 x 1400 mm	2 x TVG 10 mm	1500 mm
3 kN/m ²	1600 x 1400 mm	2 x TVG 10 mm	1000 mm
3 kN/m ²	2100 x 1400 mm	2 x TVG 12 mm	1500 mm

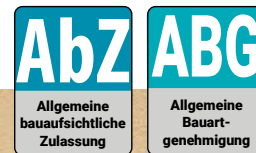
6-Punkt-Lagerung mit 3 Achsen bis 3400 mm Breite 6-point support with 3 axes up to 3400 mm wide



3 Achsen 3 axes

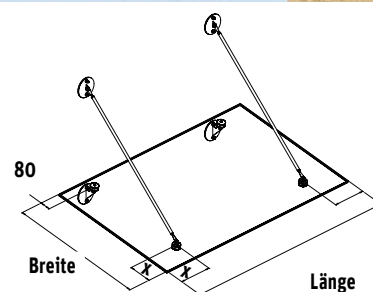
kN	max. A x B	VSG (+ PVB 1,52 mm)	max. A2
1 kN/m ²	2900 x 1400 mm	2 x TVG 8 mm	1150 mm
1 kN/m ²	3400 x 1400 mm	2 x TVG 10 mm	1400 mm
2 kN/m ²	2600 x 1400 mm	2 x TVG 10 mm	1000 mm
2 kN/m ²	2900 x 1400 mm	2 x TVG 12 mm	1150 mm
3 kN/m ²	2700 x 1400 mm	2 x TVG 12 mm	1050 mm

AbZ.- Vordachsystem AbZ. Canopy system



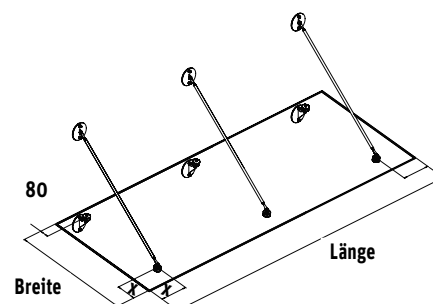
Ausführung 2 Achsen Version 2 axes

Länge / Length	x	Breite / Broad	Glas / Glass	KN/m2
Max.2000 mm	80 – 300	max. 1200 mm	VSG aus TVG 17,52	0,80 KN
Max.2300 mm	80 – 300	max. 1500 mm	VSG aus TVG 21,52	1,30 KN



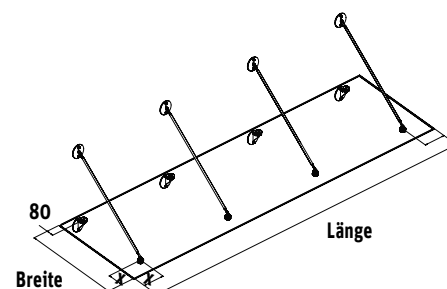
Ausführung 3 Achsen Version 3 axes

Länge / Length	x	Breite / Broad	Glas / Glass	KN/m2
Max.2800 mm	80 – 300	max. 1400 mm	VSG aus TVG 17,52	0,90 KN
Max.3200 mm	80 – 300	max. 1680 mm	VSG aus TVG 21,52	0,85 KN

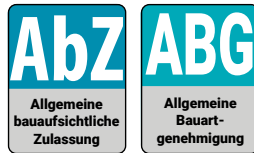


Ausführung 4 Achsen Version 4 axes

Länge / Length	x	Breite / Broad	Glas / Glass	KN/m2
Max.3900 mm	80 – 300	max. 1400 mm	VSG aus TVG 17,52	0,90 KN
Max.4500 mm	80 – 300	max. 1680 mm	VSG aus TVG 21,52	0,85 KN

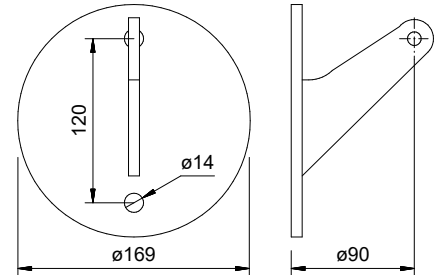
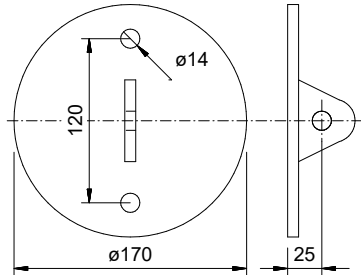


VA-Glasvordach, Montageachse TYP A VA glass canopy, mounting axis TYPE A



Abhängung oben
Suspension above

Abhängung unten
Suspension below

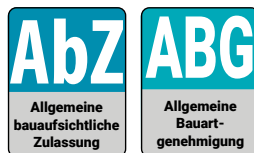


AISI304/V2A

Mit AbZ	With AbZ
Ø 170 mm	Ø 170 mm
Bohrung Ø 14 mm	Hole Ø 14 mm

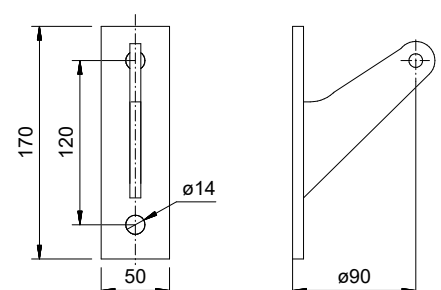
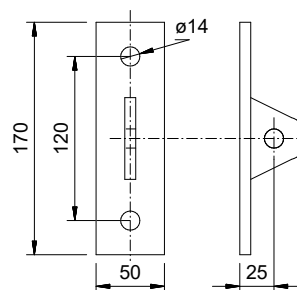
Art. Nr.	passend für Glas / suitable for glass
81 710	17,52–21,52 mm

VA-Glasvordach, Montageachse TYP B VA glass canopy, mounting axis TYPE B



Abhängung oben
Suspension above

Abhängung unten
Suspension below

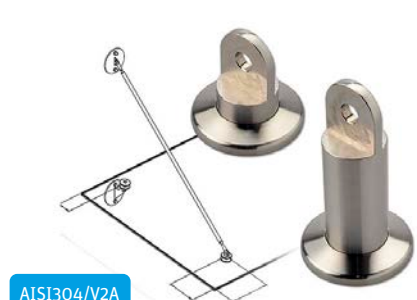


AISI304/V2A

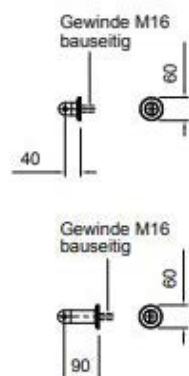
Mit AbZ	With AbZ
170 x 50 mm	170 x 50 mm
Bohrung Ø 14 mm	Hole Ø 14 mm

Art. Nr.	passend für Glas / suitable for glass
81 711	17,52–21,52 mm

VA-Glasvordach, Montageachse TYP C VA glass canopy, mounting axis TYPE C



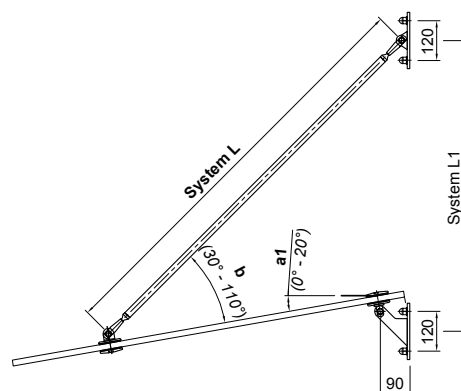
Konsolen-Set C



AISI304/V2A

Mit AbZ	With AbZ
170 x 50 mm	170 x 50 mm
Bohrung Ø 14 mm	Hole Ø 14 mm

Art. Nr.	passend für Glas / suitable for glass
81 712	17,52–21,52 mm



Ein Achsenset besteht aus: 2 Wandanschlüssen + 2 Punkthaltern + 1 Zugstange

An axle set consists of: 2 wall connections + 2 point fixings + 1 tie rod

Linear RELease

Das Vordach System der neusten Generation

Linear RELease

The latest generation canopy system



Ein Unternehmen der SOMMER Group



Linear RElease

Linear RElease

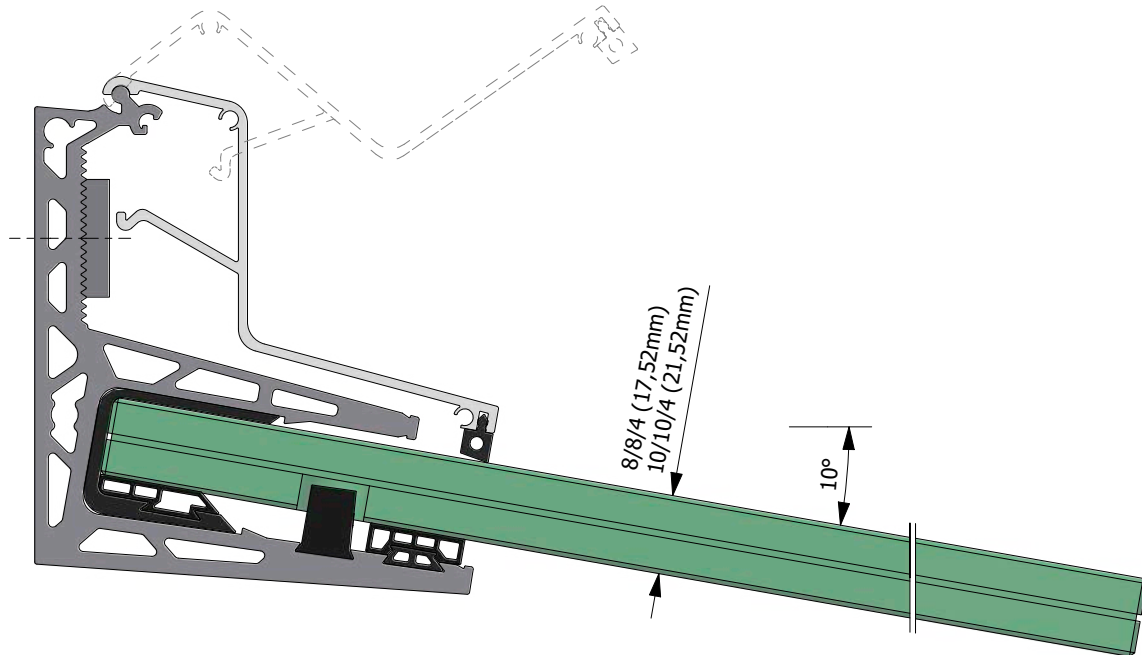
- » Einfache Montage
Simple mounting
- » Höhenverstellbar
Height adjustable
- » Glas max. möglich bis 1200 mm
Glass max. possible up to 1200 mm
- » Aneinanderreihung mehrerer Profile möglich
Several profiles can be connected to each other
- » Glas mit PVB oder SGP Folie möglich
Laminated glass with PVB oder SPG film
- » 10 Standardbreiten
10 standard profiles
- » Lieferbar auch in RAL Farben
Also available in RAL colors
- » Auf Wunschmaß kürzbar
Can be shortened to desired size

Wesentliche Merkmale

- | Montagevorteil: Sicherung des Glases von der Seite
- | Höhenverstellbar mit integrierter selbstauslösender Abdeckung
- | Einfache Montage
- | Verdeckte Befestigungen
- | Einseitige Befestigung, keine Zugstangen erforderlich
- | Mehrere Profile können aneinandergereiht werden
- | Leichte Glasbearbeitung zur Scheibensicherung
- | Nur die untere Scheibe benötigt Glasbohrungen
- | dadurch kein Bohrungsversatz bei den Verbundscheiben
- | Passend für 17,52 und 21,52 mm Glas
- | 10° Neigung
- | **AbZ** Prüfung

Key Features

- | Assembly advantage: Glass is secured from the side
- | Height-adjustable with integrated self-releasing cover
- | Easy installation
- | Concealed fixings
- | One-sided fastening, no tie rods required
- | Multiple profiles can be aligned in sequence
- | Minimal glass processing required for panel securing
- | Only the bottom pane requires glass drillings, preventing misalignment of holes in laminated panes
- | Suitable for 17.52 mm and 21.52 mm glass
- | 10° inclination
- | **AbZ** certification



Glas / glass	max. Glasausladung / maximum glass projection	min. Breite / minimum width	max. Breite / maximum width
17,52 mm Glas VSG aus TVG mit SGP-Folie / 17.52 mm VSG made of TVG with SGP interlayer	1000 mm	1390 mm	3000 mm
21,52 mm Glas VSG aus TVG mit PVB-Folie / 21.52 mm LSG (HTG) with PVB interlayer	1100 mm	1390 mm	3000 mm
21,52 mm Glas VSG aus TVG mit SGP-Folie / 21.52 mm LSG (HTG) with SGP interlayer	1100 mm	1390 mm	3000 mm
21,52 mm Glas VSG aus TVG mit SGP-Folie / 21.52 mm VSG TVG + SG	1200 mm	1390 mm	3000 mm

Linear RElease Linear RElease



Das System beinhaltet:

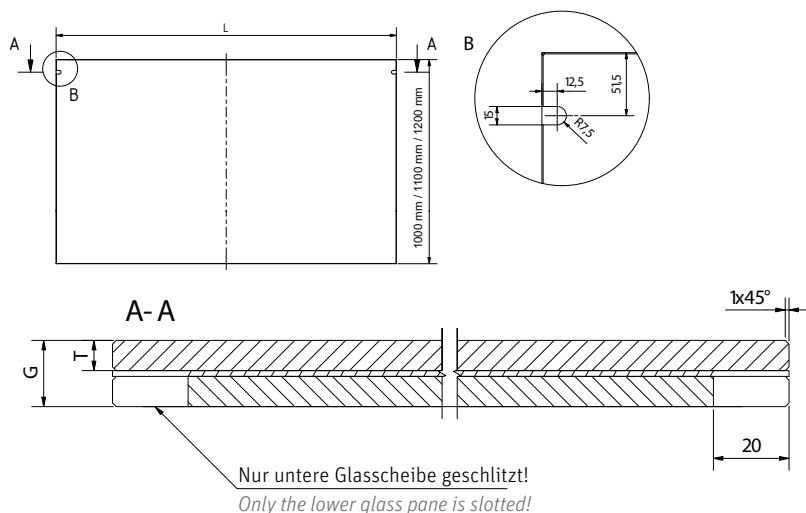
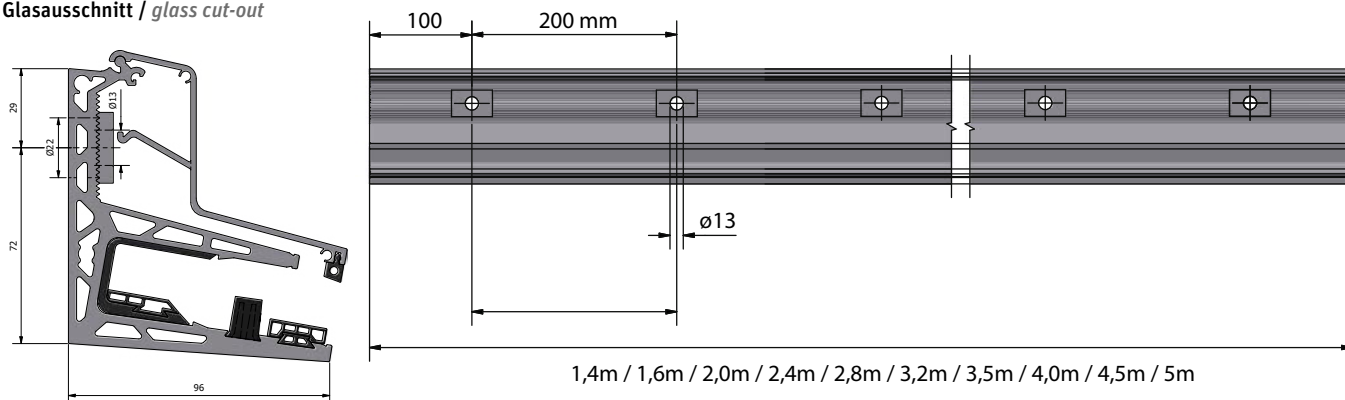
- | Grundprofil
- | Abdeck Profil
- | Glasgummi
- | Kunststoffprofil Rückseite
- | Kunststoffprofil Vorderseite
- | Glasfixierungsblocks
- | selbstschließender Abdeckleiste zum Klippen
- | Endkappen
- | komplett vormontiert
- | Für 17,52 mm (8/8/4) und 21,52 mm (10/10/4)
- | VSG aus TVG mit PVB oder SGP-Folie
- | VE: 1 Stück

The system includes:

- | Base profile
- | Cover profile
- | Glass gasket
- | Rear plastic profile
- | Front plastic profile
- | Glass fixing blocks
- | Self-closing clip-on cover strip
- | End caps
- | Fully pre-assembled
- | For 17.52 mm (8/8/4) and 21.52 mm (10/10/4)
- | laminated safety glass (VSG) made of heat strengthened glass (TVG) with PVB or SGP interlayer
- | Packaging unit (PU): 1 piece

Länge / Length	1400 mm	1600 mm	2000 mm	2400 mm	2800 mm	3200 mm	3500 mm	4000 mm	4500 mm	5000 mm
unbehandelt / untreated	17.1014.020.10	17.1016.020.10	17.1020.020.10	17.1024.020.10	17.1028.020.10	17.1032.020.10	17.1035.020.10	17.1040.020.10	17.1045.020.10	17.1050.020.10
natur eloxiert / natural anodized	17.1014.020.11	17.1016.020.11	17.1020.020.11	17.1024.020.11	17.1028.020.11	17.1032.020.11	17.1035.020.11	17.1040.020.11	17.1045.020.11	17.1050.020.11
RAL glänzend / glossy RAL	17.1014.020.13	17.1016.020.13	17.1020.020.13	17.1024.020.13	17.1028.020.13	17.1032.020.13	17.1035.020.13	17.1040.020.13	17.1045.020.13	17.1050.020.13
RAL strukt. / textured RAL	17.1014.020.16	17.1016.020.16	17.1020.020.16	17.1024.020.16	17.1028.020.16	17.1032.020.16	17.1035.020.16	17.1040.020.16	17.1045.020.16	17.1050.020.16
RAL matt / matte RAL	17.1014.020.18	17.1016.020.18	17.1020.020.18	17.1024.020.18	17.1028.020.18	17.1032.020.18	17.1035.020.18	17.1040.020.18	17.1045.020.18	17.1050.020.18

Glasausschnitt / glass cut-out



- | 17,52mm Glas VSG aus TVG mit SGP-Folie, max. Glasaussladung 1000mm, min. Breite 1390 mm
- | 21,52mm Glas VSG aus TVG mit PVB oder SGP-Folie, max. Glasaussladung 1100mm, min. Breite 1390 mm
- | 21,52mm Glas VSG aus TVG mit SGP-Folie, max. Glasaussladung 1200mm, min. Breite 1590 mm
- | Max. Glasbreite 3000 mm
- | Glasbreite (L) 10 mm geringer als Profilbreite

- | 17,52mm Glas VSG aus TVG mit SGP-Folie, max. Glasaussladung 1000mm, min. Breite 1390 mm
- | 21,52mm Glas VSG aus TVG mit PVB oder SGP-Folie, max. Glasaussladung 1100mm, min. Breite 1390 mm
- | 21,52mm Glas VSG aus TVG mit SGP-Folie, max. Glasaussladung 1200mm, min. Breite 1590 mm
- | Max. Glasbreite 3000mm
- | Glass width (L) 10 mm smaller than profile width

Glasdicke (G)

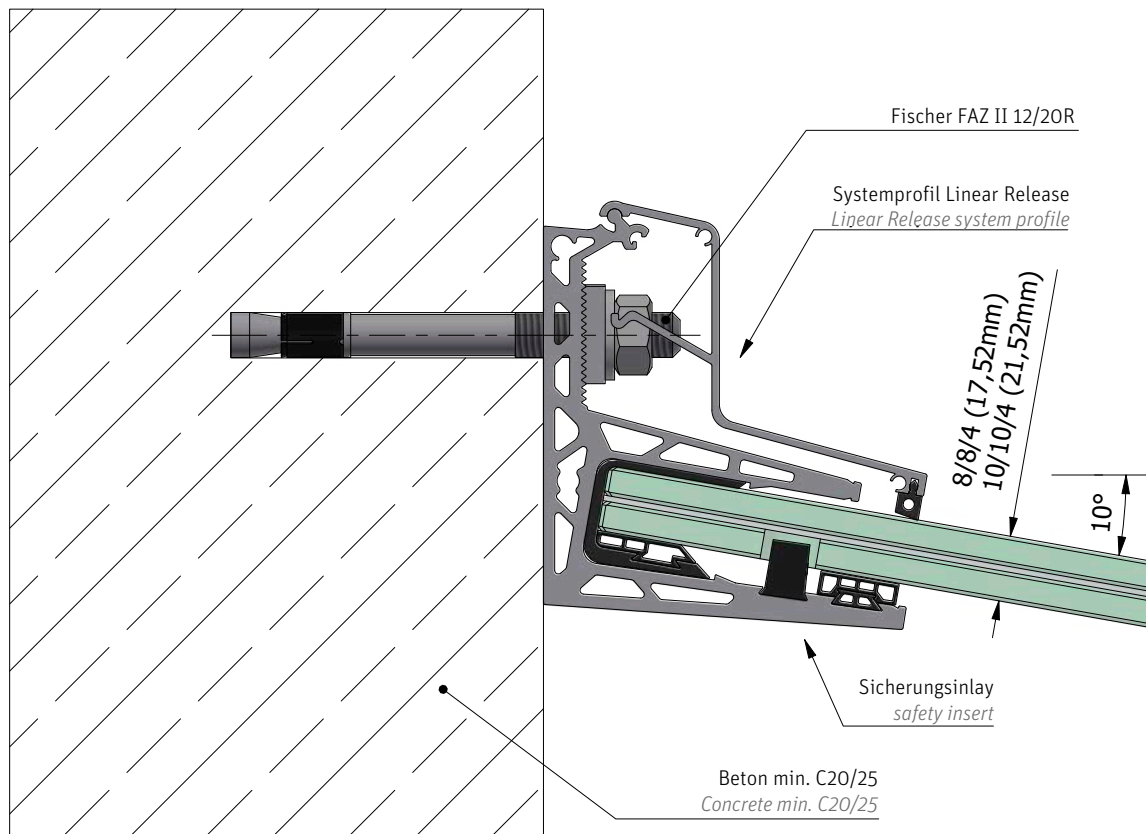
Glass thickness (G)

8/8/4 (17,52 mm)

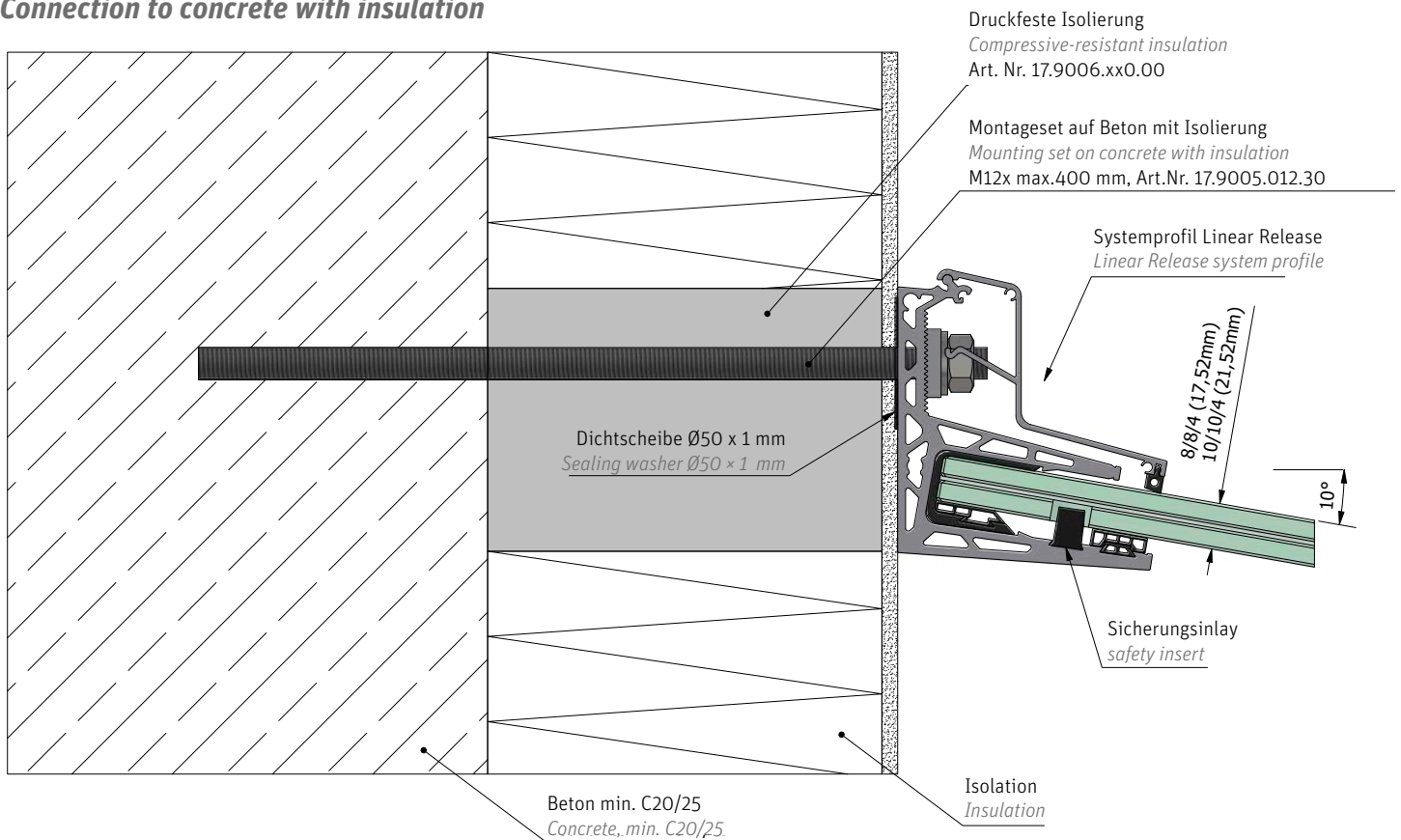
10/10/4 (21,52 mm)

Montage auf Beton Installation on concrete

Anbindung an Beton Connection to concrete



Anbindung an Beton mit Isolation Connection to concrete with insulation



Wandkonstruktion ist bauseits statisch zu prüfen
Wall construction must be structurally verified by the client

Linear RElease Montage auf BETON
 Linear RElease Montage auf BETON

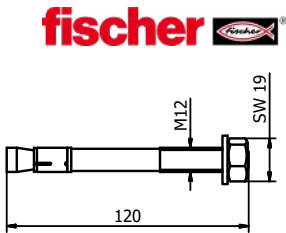
Fischer Befestigungsanker Beton FAZ II 12/20
 Fischer concrete anchor FAZ II 12/20



- | Oberfläche Außenanwendung: V4A (Außen)
- | Benötigte Anzahl pro 2500 mm: 7 Stück
- | M12
- | VE: 20 Stück

- | Surface for exterior use: V4A (outdoor)
- | Required quantity per 2500 mm: 7 pieces M12
- | Packaging unit (PU): 20 pieces

Modell 3501	V4A (Außen) (outdoor)
Modell 3501	
Art. Nr.	
91.3501.220.30	

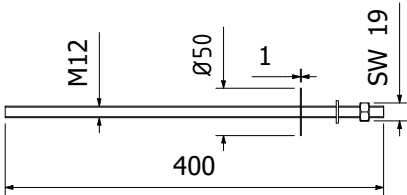


Montageset auf Beton mit Isolation M12 x 400 mm
 Mounting set on concrete with insulation M12 x 400 mm



- | VE: 8 Stück
- | Packaging unit (PU): 8 pieces

Modell 9005	V4A (Außen) (outdoor)	AISI 304
Model 9005		
Art. Nr.	Art. Nr.	Art. Nr.
17.9005.012.30		17.9005.012.20

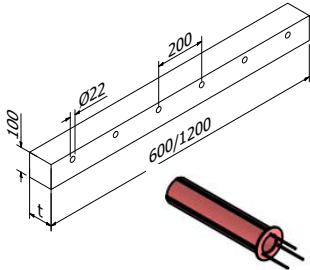


Druckfeste Isolierung
 Compressive-resistant insulation



- | Länge 600 oder 1200 mm
- | VE: 1 Stück
- | Length: 600 or 1200 mm
- | Packaging unit (PU): 1 piece

Modell 9006	600 mm	1200mm
Model 9006		
Dicke (t)	Art. Nr.	Art. Nr.
Thickness (t)		
10 mm	17.9006.016.00	17.9006.010.00
100 mm	17.9006.106.00	17.9006.100.00
150 mm	17.9006.156.00	17.9006.150.00
200 mm	17.9006.206.00	17.9006.200.00



inklusive Signal Stift für Unterputz
 (1/Bohrung)
 Including signal pin for flush mounting
 (1 per hole)

Druckfeste Isolierung in der Anwendung
 Load-bearing insulation in use

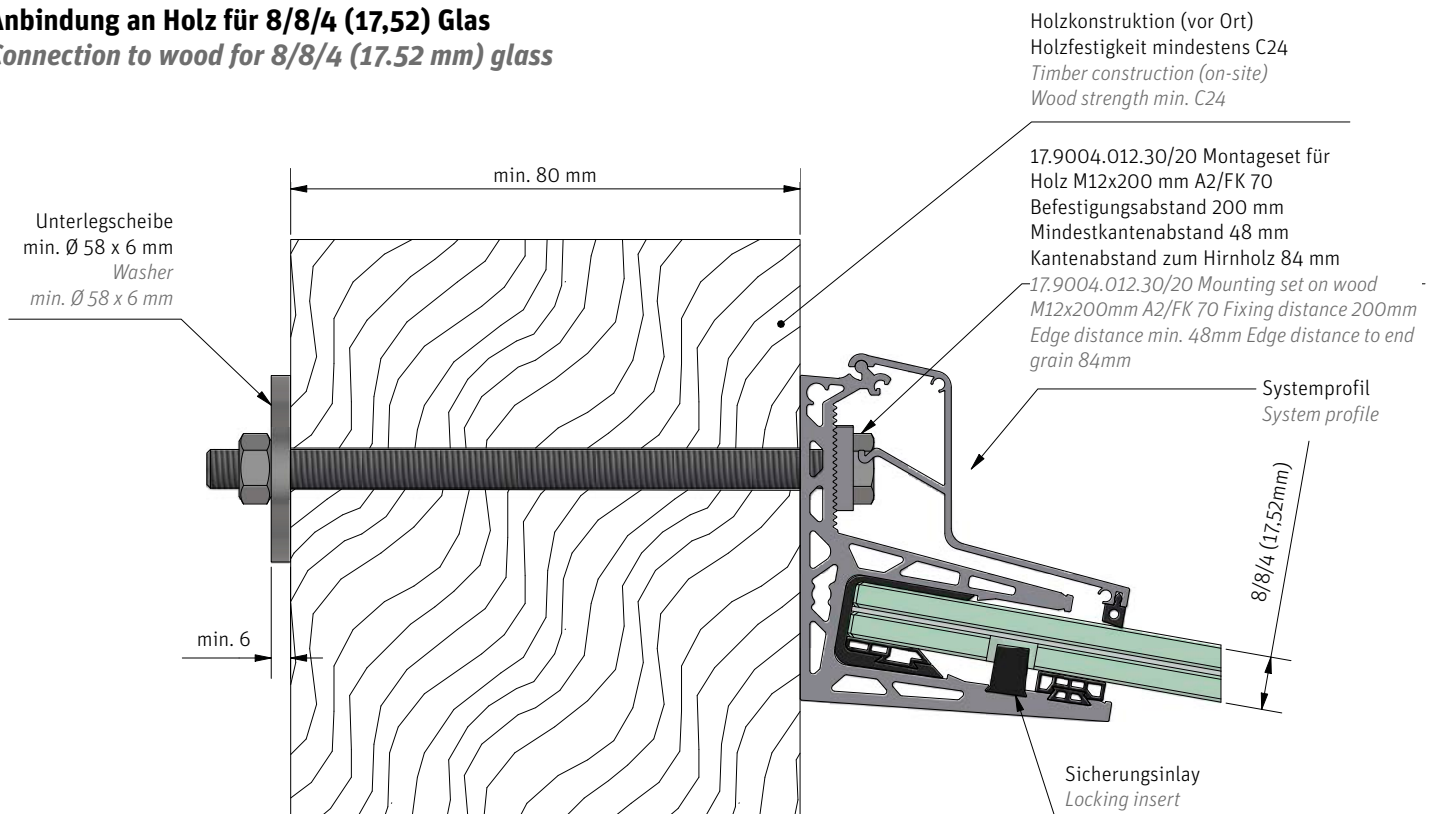


Linear RElease Montage AuF HOLZ

Linear RElease Montage auf BETON

Anbindung an Holz für 8/8/4 (17,52) Glas

Connection to wood for 8/8/4 (17.52 mm) glass

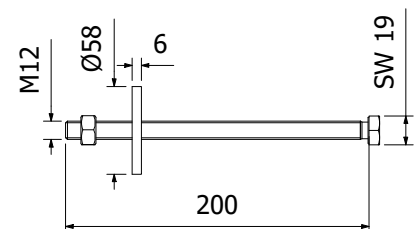


Montageset auf Holz M12x200mm

Mounting set on wood M12x200 mm



| VE: 8 Stück
| Packaging unit (PU): 8 pieces



Modell 9004 Modell 9004	V4A (Außen) (outdoor)	AISI 304
	Art. Nr.	Art. Nr.
	17.9004.012.30	17.9004.012.20

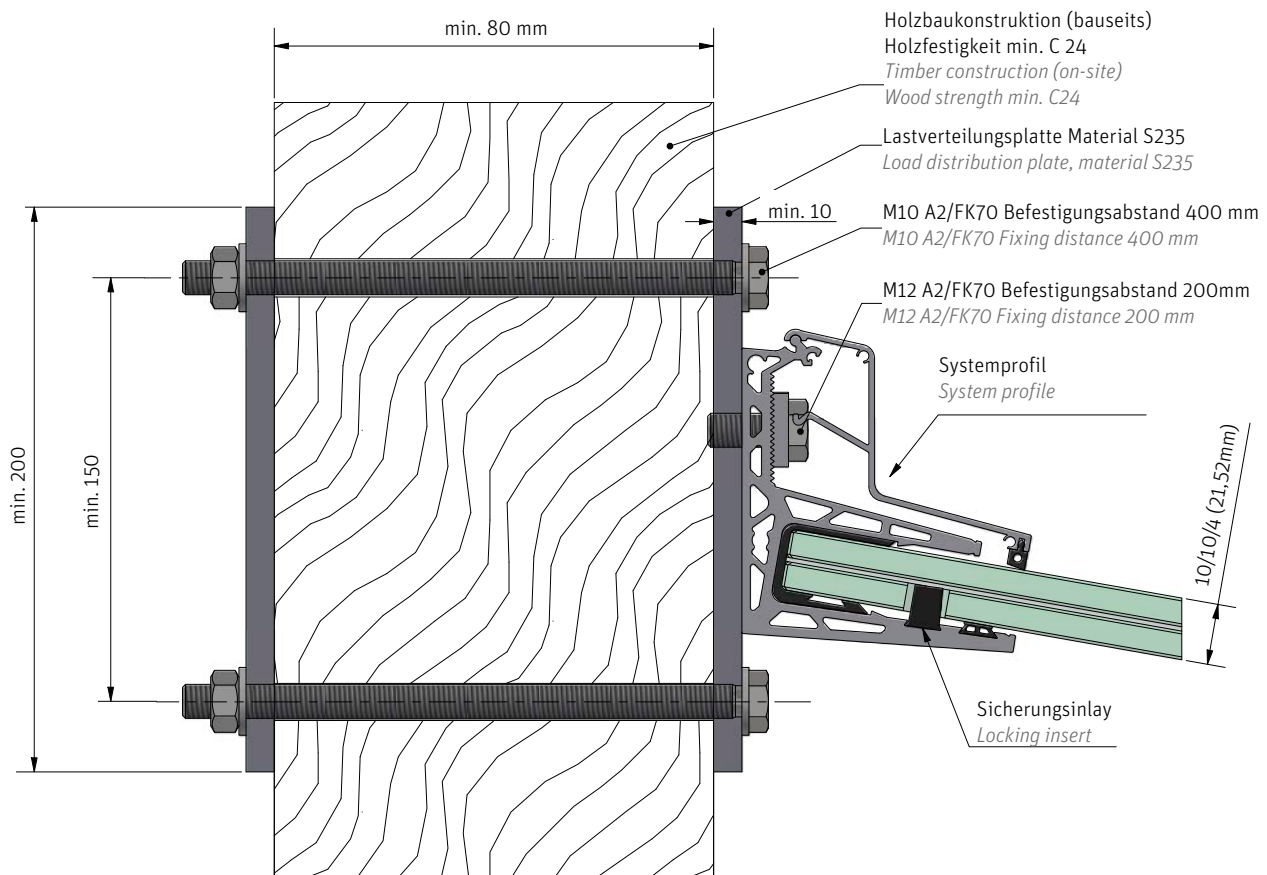
Wandkonstruktion ist bauseits statisch zu prüfen
Wall construction must be structurally verified by the client

Linear RElease Montage AuF HOLZ

Linear RElease Montage auf BETON

Anbindung an Holz für 10/10/4 (21,52) Glas

Connection to wood for 10/10/4 (21.52) glass

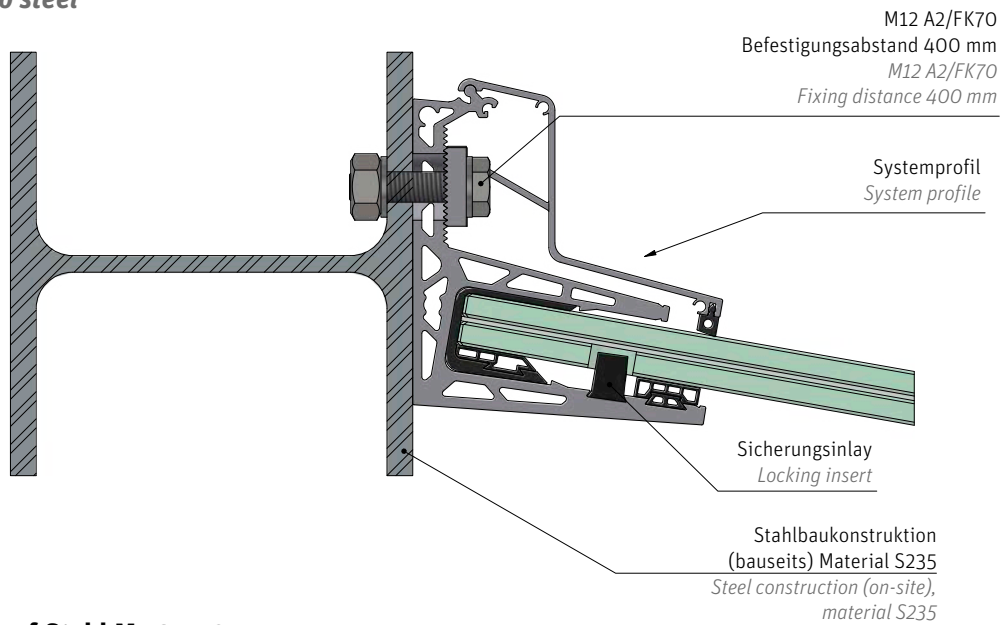


Wandkonstruktion ist bauseits statisch zu prüfen

Wall construction must be structurally verified by the client



Anbindung an Stahl Connection to steel

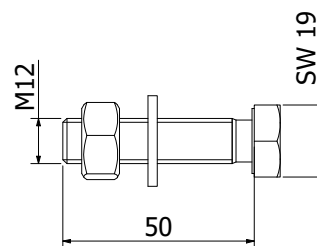


Montageset auf Stahl M 12 x 50 mm Assembly set on steel M12 x 50 mm



| pro 400mm wird ein Anker benötigt
| VE: 4 Stück

| One anchor is required per 400 mm
| Packaging unit: 4 pieces"



Modell 9003 Modell 9003	V4A (Außen) (outdoor)	AISI 304
Art. Nr.	Art. Nr.	Art. Nr.
17.9003.012.30		17.9003.012.20

Wandkonstruktion ist bauseits statisch zu prüfen
Wall construction must be structurally verified by the client

Höhenverstellbarer MontageBlock.

Der stabile und flexible Körper.

Wir haben den Ausgleich von Bau- und Montagetoleranzen durch eine optimale Ausnutzung der Möglichkeiten, die Aluminiumextrusionen mit sich bringen, vergrößern können. Das Loch für die Verankerung unserer Glashalteprofile braucht dadurch nicht mehr exakt gebohrt zu werden, sondern hat in jede Richtung eine Toleranz von ca. 5 mm. Um trotzdem sicherzustellen, dass die Ganzglasbalustrade an ihrem Platz gehalten wird, ist der Montageblock mit einer Verzahnung ausgestattet. Dadurch erreichst Du eine kraftschlüssige Verbindung. Achte deshalb immer auf das Logo für die Verwendbarkeit.



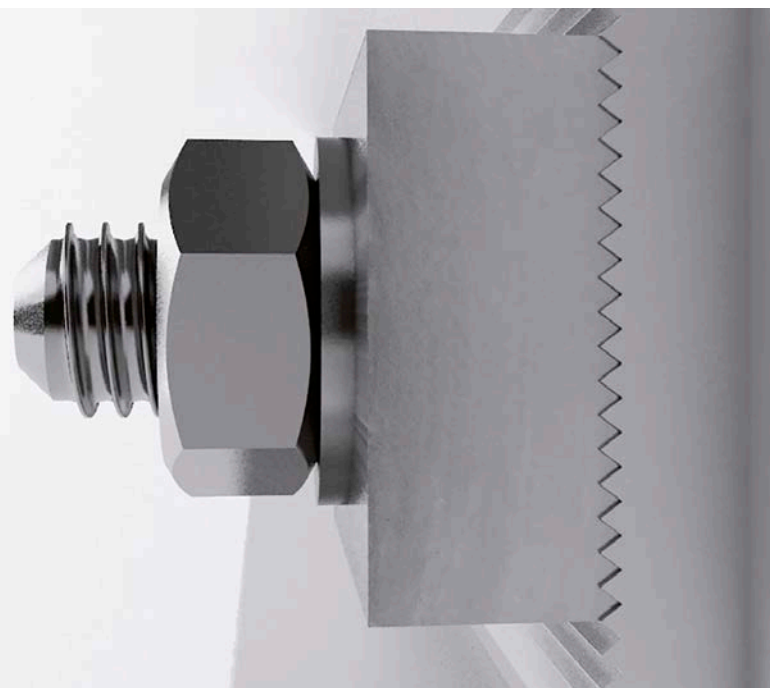
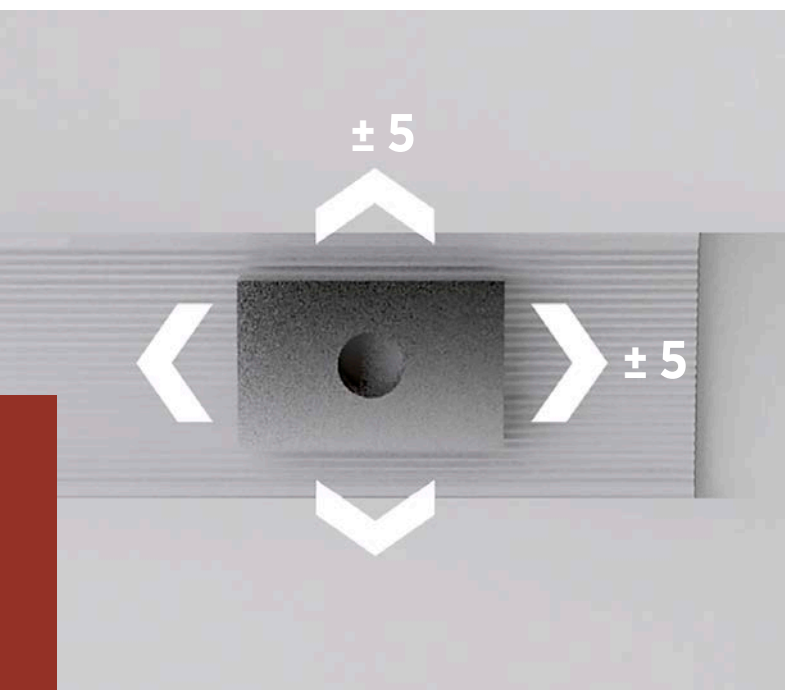
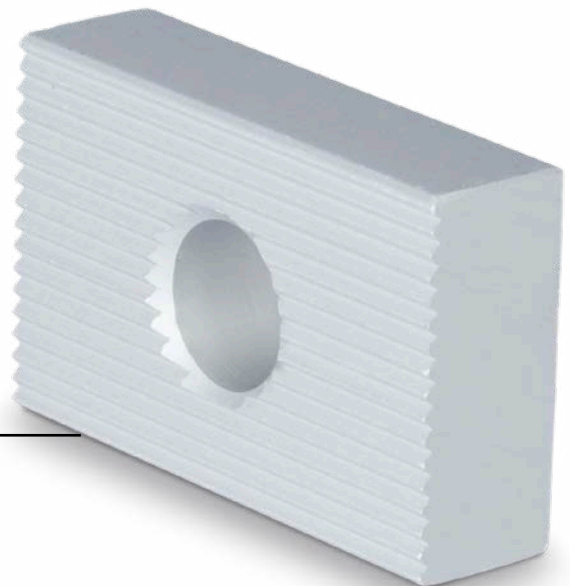
Adjustable mounting block.

The steady and flexible body.

We have been able to increase the compensation of construction and installation tolerances by optimally utilizing the possibilities offered by aluminium extrusions. The hole for anchoring our glass retaining profiles no longer needs to be drilled with absolute precision but now has a tolerance of approximately 5 mm in all directions. To ensure that the all-glass balustrade is still held securely in place, the mounting block is equipped with a serration. This creates a friction-locked connection. Therefore, always look for the logo to ensure proper use.

Montageblock mit Verzahnung
für die optimale Seitenmontage

Mounting block with serration for
optimal lateral installation



Zubehör Accessories

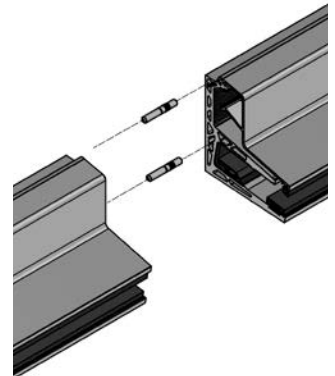
Verlängerungsstift Extension pin



- | Unendlich verlängern?
Kein Problem, wir entfernen die Endkappen für Dich.
- | Länge 40 mm
- | Durchmesser Ø 6 mm
- | VE: 8 Stück

- | *Extend indefinitely?*
No problem, we remove the end caps for you.
- | *Length: 40 mm*
- | *Diameter: Ø 6 mm*
- | *Packaging unit: 8 pieces*

Modell 7001	V4A (Innen & Außen)
Model 7001	(Interior & Exterior)
Art. Nr.	
90.7001.640.31	



Schraube zur Montage der Endkappe Screw for mounting the end cap



- | Senkkopfschraube mit Torx ISO 14587 Ø3.9x16mm, V2A
- | wird benötigt wenn die Länge des Profils eingekürzt wird

- | *Countersunk screw with Torx ISO 14587 Ø3.9 x 16 mm, V2A*
- | *Required if the profile length is shortened*

Modell 1240	V2A (Außen) (outdoor)
Model 1240	
Art. Nr.	
91.1240.416.20	

Profil Zuschnitt Profile cutting



- | Profilzuschnitt auf Wunschlänge

- | *Cutting profile to desired Length*

Art. Nr.
95.0000.019.02

Aluminium Vordach ALU RAL

Aluminium canopy ALU RAL

Ein robustes, geschweißtes Aluminium-Vordach, konzipiert für die Verwendung mit Verbundsicherheitsglas (VSG) oder Aluminium-Füllplatten. Entwickelt für Langlebigkeit, modernes Design und eine einfache Montage.

A robust, welded aluminum canopy frame designed for use with laminated safety glass (VSG) or aluminum infill panels. Engineered for long-term durability, modern aesthetics, and simplified installation.

Modernes Design trifft maximale Stabilität. Komplett geschweißte Konstruktion – extrem stabil, kein Zusammenbauen nötig. Kein Bausatz.

Modern design meets maximum stability. Fully welded construction – extremely robust, with no assembly required. Not a kit.

Wahlweise mit Klarglas, Mattglas oder ALU-Füllblech – ideal für alle, die kein Glas möchten.

Erhältlich in allen RAL-Farben – perfekt abgestimmt auf Ihre Haustüre oder Fassade.

Customizable panel options – choose between clear glass, frosted glass, or an aluminum panel for those who prefer a non-glass solution. Available in all RAL colors – perfectly matched to your façade and personal style.

Schnelle und unkomplizierte Montage - langlebig, wartungsarm und witterungsbeständig.

Fast and easy installation - highly durable, low-maintenance, and weather-resistant.





Rahmenkonstruktion: Aluminiumprofil 160 x 60 x 4 mm – komplett verschweißt	<i>Frame construction:</i> <i>Aluminium profile 160 x 60 x 4 mm – fully welded</i>
Größen: » 1.600 x 950 mm (26 kg) » 1.950 x 950 mm (29 kg)	<i>Sizes:</i> » 1,600 x 950 mm (26 kg) » 1,950 x 950 mm (29 kg)
Dachoptionen: » VSG Glas klar » VSG Glas matt » Aluminium Füllplatte	<i>Roofing options:</i> » Clear laminated glass » Frosted laminated glass » Aluminium infill plate
Entwässerung: integriert, rechts/links wählbar	<i>Drainage:</i> <i>integrated, left/right selectable</i>
Oberfläche: Pulverbeschichtet, Feinstruktur matt	<i>Surface finish:</i> <i>powder-coated, fine-texture matte</i>
Schneelast: bis 200 kg/m²	<i>Snow load:</i> <i>up to 200 kg/m²</i>
Windlast: bis 125 kg/m²	<i>Wind load:</i> <i>up to 125 kg/m²</i>



Größe/Size 1.600 x 950 mm

Art.-Nr. / article number	Typ	Type
81730-1- Glas matt / laminated glass	Ausführung Glas matt	Frosted laminated glass
81730-1- Glas klar / clear laminated glass	Ausführung Glas klar	Clear laminated glas
81730-1-ALU Füllung / aluminium	Ausführung Alu Element	Aluminium infill plate

Größe/Size 1.950 x 950 mm

Art.-Nr. / article number	Typ	Type
81731-1- Glas matt / laminated glass	Ausführung Glas matt	Frosted laminated glass
81731-1- Glas klar / clear laminated glass	Ausführung Glas klar	Clear laminated glas
81731-1-ALU Füllung / aluminium	Ausführung Alu Element	Aluminium infill plate

Line-D®-Vordachsystem
Line-D®- canopy system

Alle Bauteile in V4A



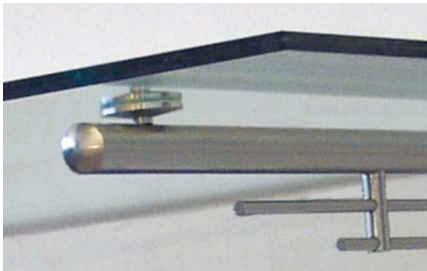
VA-Glasvordach-Montageachse LINE D
VA glass canopy assembly axis LINE D

Mit Bügel. Ein Bügel besteht aus:
| 2 Glaspunkthalter
| 1 Montagebügel
| Dübelplatten 120 x 6 mm (Bohrung 2 x 11 mm)

With bail. A bracket consists of:
| 2 glass point holders
| 1 mounting bracket
| Dowel plates 120 x 6 mm (hole 2 x 11 mm)

Dachneigung 10°
| Glas auf Maß: Tiefe 1300–1400 mm
| Breite bis 2100 mm
| (Glas im Lieferumfang nicht enthalten)

Roof pitch 10 °
| Made-to-measure glass: depth 1300–1400 mm
| Width up to 2100 mm
| (Glass not included)



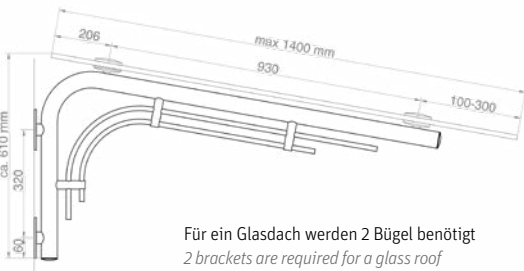
Ausführung der Glasstärken und Glasgrößen
Execution of glass thicknesses and sizes

A X B max.	VSG (+PVB 1,52 mm)	max. A2	max. B
1800 x 1400 mm	2 x TVG 6 mm	1200 mm	1800 mm
2100 x 1400 mm	2 x TVG 8 mm	1400 mm	2100 mm
1600 x 1400 mm	2 x TVG 8 mm	1000 mm	1600 mm

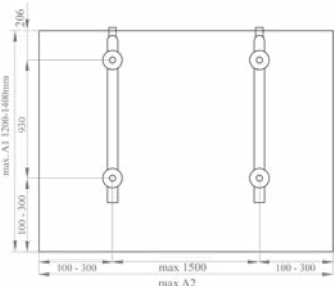
A X B max.	VSG (+PVB 1,52 mm)	max. A2	max. B
2100 x 1400 mm	2 x TVG 10 mm	1500 mm	2100 mm
1600 x 1400 mm	2 x TVG 10 mm	1000 mm	1600 mm

AISI316/V4A

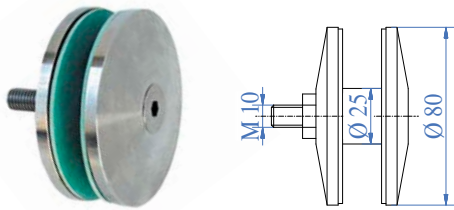
Art. Nr.	passend für Glas / suitable for glass
81 500	13,52 –25,52 mm



Für ein Glasdach werden 2 Bügel benötigt
2 brackets are required for a glass roof



VA-Punkthalter VA point holder

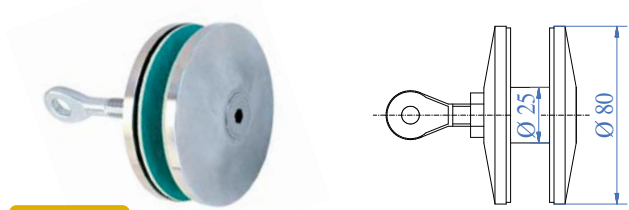


AISI316/V4A

- | Mit Hülsenmutter und Gewindestift M10
- | With sleeve nut and M10 threaded pin

Art. Nr.	Ø	Gewinde / Thread	passend für Glas / Suitable for glass	Bohrung Glas / Drilling glass
81 410	80 mm	M10	13,52–25,52 mm	25 mm

VA-Punkthalter VA point holder

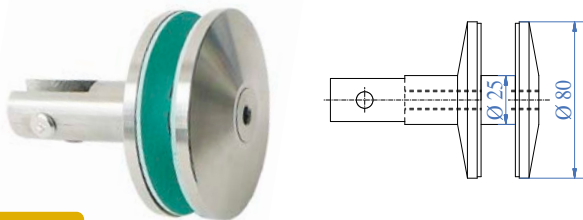


AISI316/V4A

- | Mit Anschlussöse M10 und Hülsenmutter
- | Passend für Modell POINT F
- | With M10 connection eyelet and sleeve nut
- | Suitable for model POINT F

Art. Nr.	Ø	Gewinde / Thread	passend für Glas / Suitable for glass	Bohrung Glas / Drilling glass
81 412	80 mm	M10	13,52 - 25,52 mm	25 mm

VA-Punkthalter VA point holder

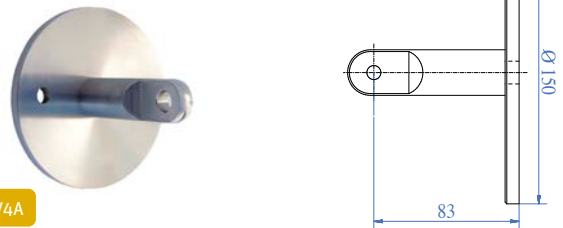


AISI316/V4A

- | Mit Gabelanschluss
- | Passend zu 81611
- | Passend für Modell POINT F
- | With fork connection
- | Suitable for 81611
- | Suitable for model POINT F

Art. Nr.	Ø	Gewinde / Thread	passend für Glas / Suitable for glass	Bohrung Glas / Drilling glass	Bohrung Gabel / Bore fork
81 610	80 mm	M10	25 mm	13,52-25,52 mm	10,5 mm

VA-Wandhalterung oben, d=150 mm VA wall bracket above, d = 150 mm



AISI316/V4A

- | Passend für Modell POINT F
- | Suitable for model POINT F

Art. Nr.	Ø	Bohrung / Drilling
81 414	150 x 8 mm (LKR 121 mm)	2 x 13 mm

VA-Abhängestange VA suspension rod



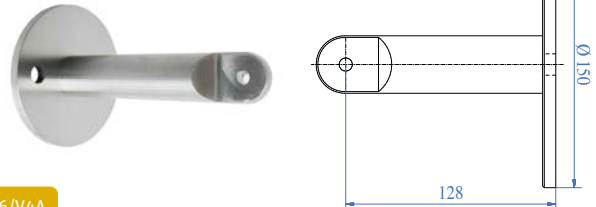
AISI316/V4A

- | Korn 240
- | Länge: max. 1500 mm
- | Passend für Modell POINT F
- | Inkl. 2 Gabelterminals mit Rechts-/ Linksgewinde
- | Grain 240
- | Length: max. 1500 mm
- | Suitable for model POINT F
- | Incl. 2 fork terminals with right / left thread

Art. Nr.	Länge / Length	Rohrdurchmesser / Pipe diameter
81 415	nach Angabe / as specified	13,5mm

Auf Maß
gefertigt!

VA-Wandhalterung unten, d=150 mm VA wall bracket below, d = 150 mm



AISI316/V4A

- | Passend für Modell POINT F
- | Suitable for model POINT F

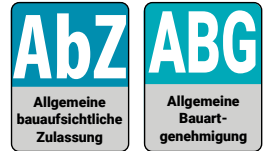
Art. Nr.	Ø	Bohrung / Drilling
81 611	150 x 8 mm (LKR 121 mm)	2 x 13 mm

Punkthalter für Überkopfverglasungen Point holder for overhead glazing

- Für Überkopfverglasungen (nicht betretbar) mit einer Dachneigung von 0 - 20°
- Für großflächige Glasdachkonstruktionen und Vordächer

- For overhead glazing (not accessible) with a roof pitch of 0 - 20 °
- For large-area glass roof constructions and canopies

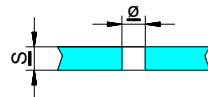
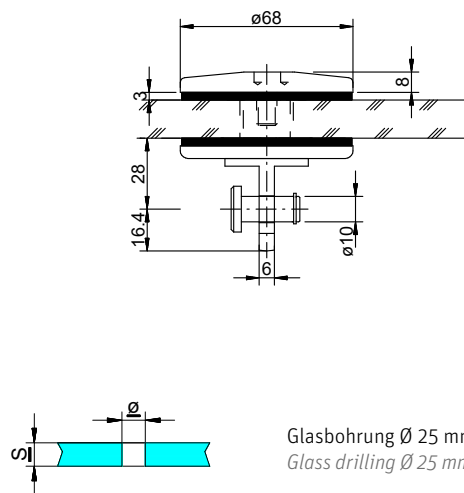
- Starr | Rigid
- Glas 17,52 – 21,52 | Glass 17.52-21.52



AISI304/V2A

Art. Nr.

81 726



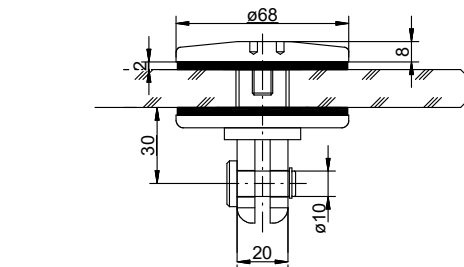
Glasbohrung Ø 25 mm
Glass drilling Ø 25 mm



AISI304/V2A

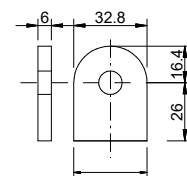
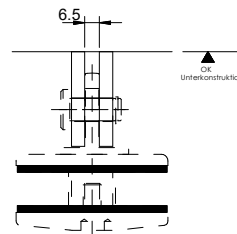
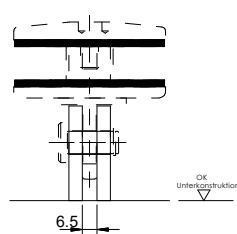
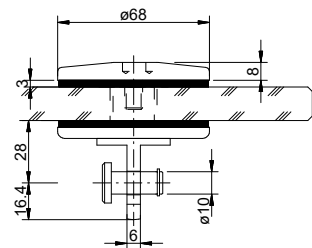
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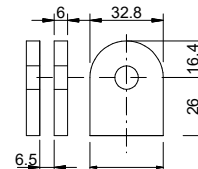
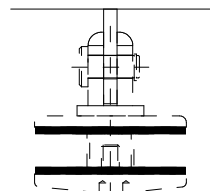
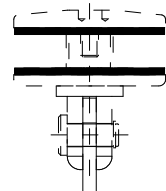
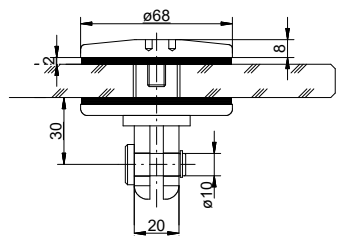


Aufgestellte Befestigung
Anschweißblaschen bauseits
Mounted attachment
Welding lugs on site

Abgehängte Befestigung
Anschweißblaschen bauseits
Suspended attachment
Welding lugs on site



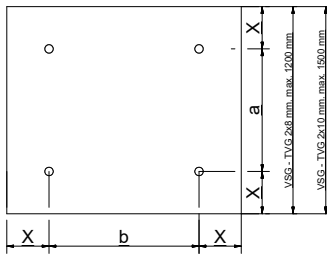
Untere Kantenlänge nach
statischen Erfordernissen (Schweißnaht)



Untere Kantenlänge nach
statischen Erfordernissen (Schweißnaht)

Glasabmessungen mit geprüften typenstatischen Berechnungen

Glass dimensions with tested static type calculations



VSG-TVG ¹⁾ 2 x 8 mm

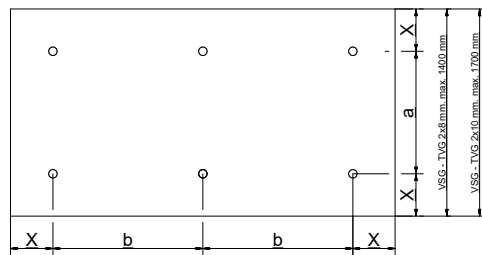
max. Flächenlast kN/m ² aus Winddruck und Schnee	max. B	max. A
0,80	1500	1040
1,15	1300	1040
1,60	1200	1040
1,75	1150	1040
1,90	1100	1040
2,05	1050	1040
2,30	1000	1000

| Randabstände 80 mm ≤ x ≤ 300 mm ¹⁾ PVB 1,52 mm min. a = 300 mm / min. b = 300 mm
 | Edge distances 80 mm ≤ x ≤ 300 mm ¹⁾ PVB 1.52 mm min. A = 300 mm / min. B = 300 mm



VSG-TVG ¹⁾ 2 x 10 mm

max. Flächenlast kN/m ² aus Winddruck und Schnee	max. B	max. A
1,30	1700	1340
1,60	1500	1340
2,30	1300	1300
2,80	1200	1200
3,00	1150	1150
3,25	1100	1100
3,50	1050	1050
3,75	1000	1000



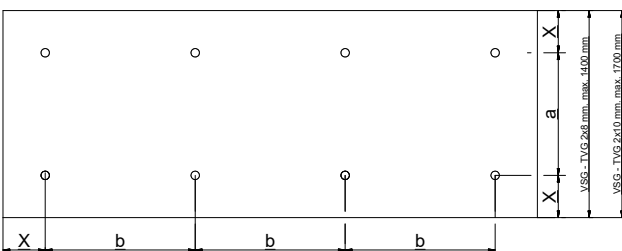
VSG-TVG ¹⁾ 2 x 8 mm

max. Flächenlast kN/m ² aus Winddruck und Schnee	max. B	max. A
0,90	1100	1100
1,05	1050	1050
1,25	1000	1000

| Randabstände 80 mm ≤ x ≤ 300 mm ¹⁾ PVB 1,52 mm min. a = 300 mm / min. b = 300 mm
 | Edge distances 80 mm ≤ x ≤ 300 mm ¹⁾ PVB 1.52 mm min. A = 300 mm / min. B = 300 mm

VSG-TVG ¹⁾ 2 x 10 mm

max. Flächenlast kN/m ² aus Winddruck und Schnee	max. B	max. A
0,85	1300	1300
1,15	1200	1200
1,30	1150	1150
1,50	1100	1100
1,75	1050	1050
2,05	1000	1000



VSG-TVG ¹⁾ 2 x 8 mm

max. Flächenlast kN/m ² aus Winddruck und Schnee	max. B	max. A
0,90	1100	1100
1,05	1050	1050
1,25	1000	1000

| Randabstände 80 mm ≤ x ≤ 300 mm ¹⁾ PVB 1,52 mm min. a = 300 mm / min. b = 300 mm
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max. Flächenlast kN/m ² aus Winddruck und Schnee	max. B	max. A
0,85	1300	1300
1,15	1200	1200
1,30	1150	1150
1,50	1100	1100
1,75	1050	1050
2,05	1000	1000

Line-S®-Vordachsystem
Line-S®- canopy system



Lieferumfang:

- | 2 oder 3 Schwertelemente
- | 4 oder 6 Punkthalter mit Gabelstück Ø 60 mm
- | 4 oder 6 Wandbefestigungslaschen m. Gewinde M12

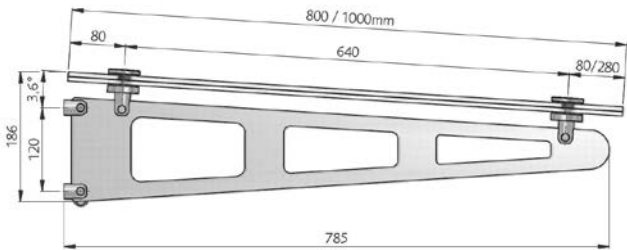
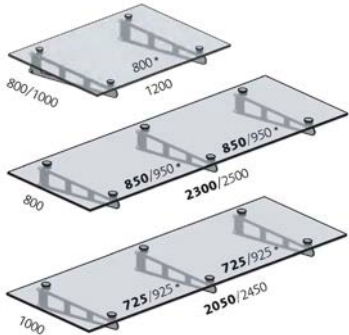
Scope of delivery:

- | 2 or 3 sword elements
- | 4 or 6 point fixings with fork piece Ø 60 mm
- | 4 or 6 wall mounting brackets with M12 thread

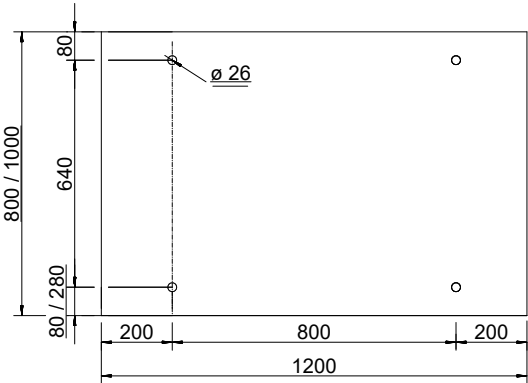
DIN 18008 konform Systemstatik vorhanden, kann ohne ZiE verbaut werden. Edelstahl A2 (1.4301) –
Korrosionswiderstandsklasse II, DIN EN 10088
Glasdicke von VSG 13,52 mm bis VSG 17,52 mm

DIN 18008 compliant, system statics available, can be used without ZiE. Stainless steel A2 (1.4301) is used –
Corrosion resistance class II, DIN EN 10088
Glass thickness from VSG 13.52 mm to VSG 17.52 mm

Schwerter / Swords	Ausladung / Overhang	VSG aus TVG + 1,52 mm Folie / VSG made of TVG + 1.52 mm film	Max. charakt. Last / Max. Character. load
2	800 x 1200 mm	2 x 6 mm	1,98 KN / m2
	800 x 1200 mm	2 x 8 mm	4,14 KN / m2
2	1000 x 1200 mm	2 x 6 mm	1,34 KN / m2
	1000 x 1200 mm	2 x 8 mm	2,70 KN / m2
3	800 x 2300 mm	2 x 6 mm	1,50 KN / m2 (850)
	800 x 2500 mm	2 x 8 mm	2,00 KN / m2 (950)
3	1000 x 2050 mm	2 x 6 mm	1,50 KN / m2 (725)
	1000 x 2450 mm	2 x 8 mm	1,50 KN / m2 (925)



Art. Nr.	Set / Set
81 602	2 er Set / Set of 2
81 603	3 er Set / Set of 3



Zeichenlegende

	Gewicht <i>Weight</i>
	Länge <i>Length</i>
	Breite x Höhe <i>Width x Height</i>
	Durchmesser <i>Diameter</i>
	Materialquerschnitt <i>Material cross section</i>
	Materialstärke <i>Material thickness</i>
	Ansatz flach <i>Fixture, flat</i>
	Ansatz eckig <i>Neck square</i>
	Ansatz rund <i>Fixture – round</i>
	Lochung rund <i>Perforation pattern</i>
	Lochung eckig <i>Perforation pattern, rhomboid</i>
	Lochung eckig (Raute) <i>Perforation pattern, rhomboid</i>
	Bohrung <i>Hole</i>
	Bohrung gesenkt <i>Hole countersunk</i>
	Sackbohrung <i>Blind hole</i>
	Innengewinde <i>Inside thread</i>
	Außengewinde <i>Outside thread</i>
	Sackgewinde <i>Blind thread</i>
	Stift <i>Pin</i>
	Verpackungseinheit <i>Packaging unit</i>
	Gebinde <i>Pack size</i>
	Oberfläche <i>Surface</i>
	Max. Belastung <i>Maximum load</i>
	Gerade Verbindung <i>Straight connection</i>
	Leicht gebogene Verbindung <i>Slightly bend connection</i>
	Stark gebogene Verbindung <i>Strongly bend connection</i>
	Schenkel-Innenmaß <i>Leg-internal dimension</i>
	Neu <i>New</i>

Kreadoor

Haustürkongfigurator

Front door configurator

Per Mausklick zur Wunschtür

Sicher haben Sie eine Menge Ideen für Ihre neue Haustür. Doch wie lassen sie sich in die Tat umsetzen? Und passen sie auch wirklich zu Ihrem Haus?

Groke eröffnet Ihnen mit dem Konfigurator den Freiraum, Ihre Wunschtür zunächst fotorealistisch - unabhängig von der Bildperspektive - in Ihr Haus einzupassen. In Ihre digitale Vorlage können Sie am Computer die unterschiedlichsten Modelle einbauen und deren Farben und Details verändern. Damit Sie sich ein genaues Bild machen und bestimmt für die schönste Haustür entscheiden können.

A mouse click to the door of your dreams

Your dream door at the click of a mouse

You probably have plenty of ideas for your new front door. But how do you put them into practice? And do they really suit your home?

With the configurator, Groke gives you the freedom to initially photorealistically fit your dream door into your home – regardless of the image perspective. You can integrate a wide variety of models into your digital template on the computer and adjust their colors and details. This way, you can get a clear picture and decide for the most beautiful front door.

Allgemeine Zahlungs- und Lieferbedingungen

Diese können Sie auf unserer Website nachlesen unter www.triebenbacher.de/zahlungsarten und www.triebenbacher.de/lieferung

Sonstiges

Für Kleinaufträge mit einem Nettoauftragswert bis 50,00 Euro wird ein Mindermengenzuschlag von 5,00 Euro in Rechnung gestellt.

Bei Warenrückgaben die mehr als 10 Werktage zurückliegen, wird eine Bearbeitungsgebühr von 20 % des Nettowarenwertes in Rechnung gestellt. Ein Recht auf Rückgabe besteht nicht und bedarf der vorherigen schriftlichen Einverständniserklärung. Sonderanfertigungen und nicht gelistete Bestellartikel sind von der Rücknahme ausgeschlossen.

Anhand der im Weltmarkt schwankender Rohmaterialpreise und Wechselkurse behalten wir uns kurzfristige Preisänderungen vor!

Wir behalten uns das Recht vor technische Änderungen bei Bedarf vornehmen zu dürfen. Druckfehler oder Fehler in der Preisdarstellung sind kein Reklamationsgrund.

Unsere AGB sind jederzeit unter www.triebenbacher.de abrufbar.

SOMMER Group

Gemeinsam stark, gemeinsam erfolgreich, gemeinsam die Zukunft gestalten.

Sieben Unternehmen - ein Ziel

Räumliche Distanzen sind dazu da, um überbrückt zu werden. Das gilt für die SOMMER Group ebenso wie für den globalen Vertrieb unserer Produkte. Um Kunden auf allen Kontinenten mit führender Technik und erstklassigen Produkten zu versorgen, ist unser globales Vertriebsnetz mit Niederlassungen, Vertretungen und bei Vertragspartnern entstanden. Das gibt dir die Sicherheit, in allen Teilen der Erde so gut wie jedes Produkt der SOMMER Group zu erwerben, zu testen oder sich darüber informieren zu lassen. Aktuell liegt unsere Exportquote bei 80 %. Ein Wert, auf den wir stolz sind!

Unsere Firmen im Einzelnen

Wir sind weltweit mit eigenen Niederlassungen und Vertretungen präsent. Über 800 Mitarbeiterinnen und Mitarbeiter sorgen dafür, dass die SOMMER Group erfolgreich ist und weiter expandiert.

SOMMER Group

Strong together, successful together, shaping the future together.

Seven companies - one goal

Spatial distances are there to be bridged. This applies to the SOMMER Group as well as to the global distribution of our products. In order to supply customers on all continents with leading technology and first-class products, we have established a global sales network with subsidiaries, representatives and authorised partners. This gives you the security of being able to purchase, test or obtain information about virtually any SOMMER Group product in any part of the world. Our export quota is currently 80 %. A figure we are proud of!

Our companies in detail

We have our own branches and representatives worldwide.

Over 800 employees ensure that the SOMMER Group is successful and continues to expand.



Die Unternehmensgruppe in Zahlen im Jahre 2023:



800

Beschäftigte



8

Produktions-
standorte



Weltweit



236

Mio. € Umsatz

Wenn Kompetenz und Qualität entscheiden!

Triebenbacher steht nun seit 1936 als Partner des Handwerks für Kompetenz und Qualität. Als Großhändler und Hersteller bietet Triebenbacher eine umfangreiche Produktvielfalt. Unser Serviceangebot reicht von der Bereitstellung einzelner Systemkomponenten bis hin zu individuell projektierten Sonderanfertigungen.

Wir unterstützen dich mit fachlicher Kompetenz bei der Realisierung deiner Projekte. Die Sicherstellung der Qualität unserer Produkte hat oberste Priorität. Unser Weg diese hohen Ansprüche zu erfüllen, wird bestimmt durch einschlägige Erfahrungen in Kombination mit unserer eigenen Produktion und sachkundigem Personal.

Triebenbacher und die SOMMER Antriebs- und Funktechnik GmbH verbindet bereits eine langjährige Partnerschaft, mit der es uns stets gelungen ist, unser Leistungsversprechen zu unterstreichen.

Mit der Übernahme der Firma Triebenbacher hat die SOMMER Group erneut einen Wachstumsschritt in Richtung Zukunft unternommen. Das traditionsreiche Unternehmen im Herzen Bayerns gehört seit 01. Mai 2020 zur Unternehmensgruppe und wird als eigenständige Marke geführt.



When competence and quality decide!

Triebenbacher has stood for expertise and quality as a partner to the trade since 1936. As a wholesaler and manufacturer, Triebenbacher offers an extensive range of products. Our range of services extends from the provision of individual system components to customised special designs. You have the ideas, we have the possibilities to realise them!

We support you with professional expertise in the realisation of your projects. Ensuring the quality of our products is our top priority. Our way of fulfilling these high standards is determined by relevant experience in combination with our own production and expert staff.

Triebenbacher and SOMMER Antriebs- und Funktechnik GmbH have already been linked by a long-standing partnership with which we have always succeeded in underlining our promise of performance.

With the takeover of Triebenbacher, the SOMMER Group has taken another step towards growth in the future. The traditional company in the heart of Bavaria has been part of the group since May 1, 2020 and is managed as an independent brand.

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