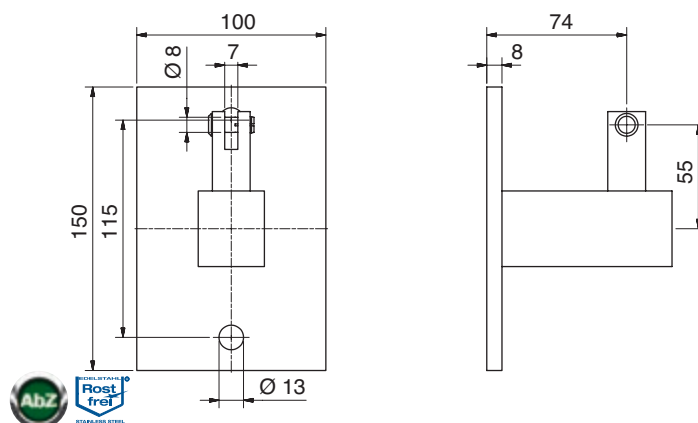




Wandhalter – unten wall mount – lower supports



Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish

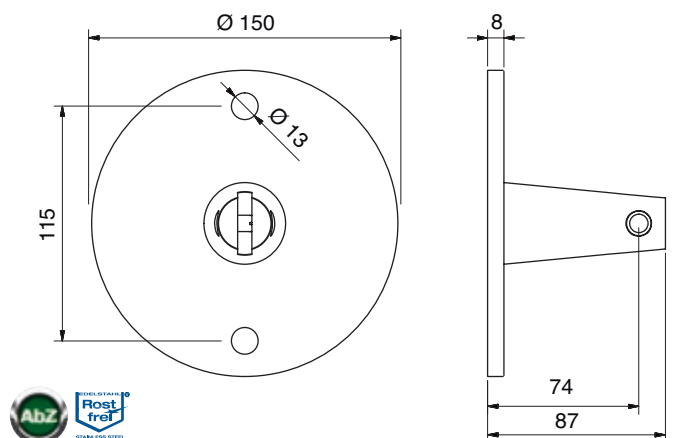


Wandhalter – unten | wall mount – lower support

Art.-Nr. art. no.	Material material
1779VA	A2 304



Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish

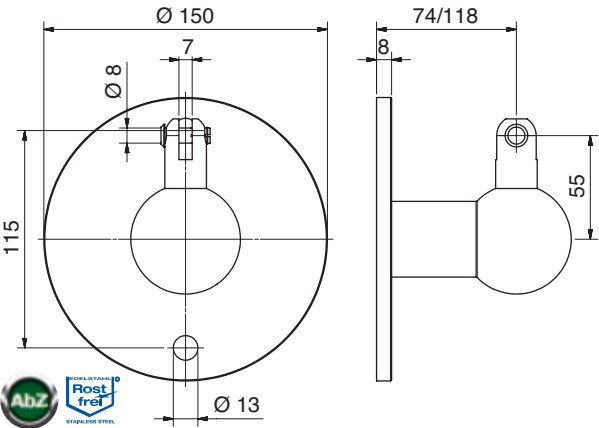


Wandhalter – unten | wall mount – lower support

Art.-Nr. art. no.	Passend zu Punkthalter fits point fixture	Material material
1840VA	1842VA	A2 304



Edelstahl (A2/A4) Oberfläche geschliffen
stainless steel (304 / 316) brushed finish

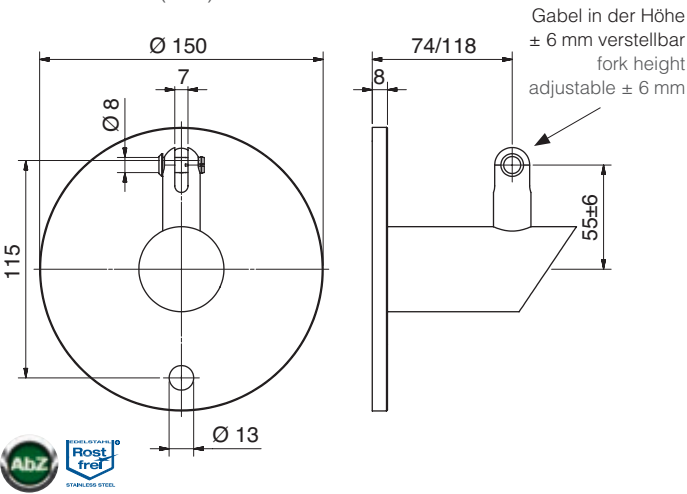


Wandhalter – unten | wall mount – lower support

Art.-Nr. art. no.	Material material	
1940VA	A2 I 304	
1940VA-118	A2 I 304	Verlängert extended
1940VA4	A4 I 316	



Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish



Wandhalter – unten | wall mount – lower support

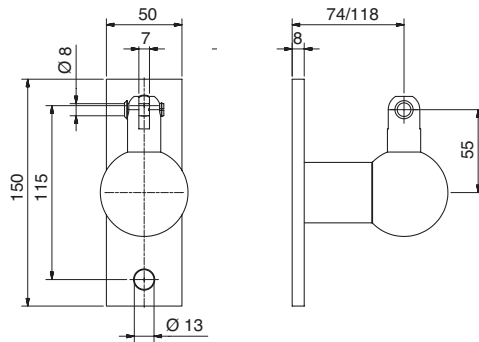
Art.-Nr. art. no.	Material material	
1941VA	A2 I 304	
1941VA-118	A2 I 304	Verlängert extended



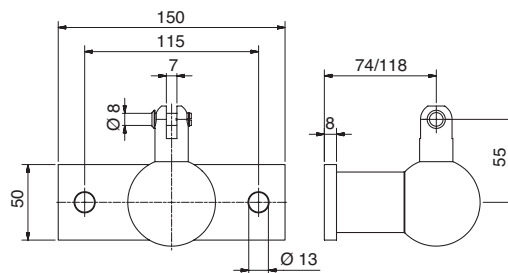
Edelstahl (A2) Oberfläche geschliffen

stainless steel (304) brushed finish

-V = Vertikal
vertical



-H = Horizontal
horizontal



Wandhalter – unten I wall mount – lower support

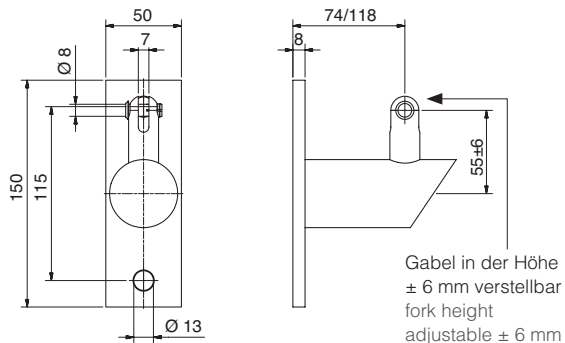
Art.-Nr. art. no.	Material material	
1942VA-V/H	A2 I 304	
1942VA-V/H-118	A2 I 304	Verlängert I extended



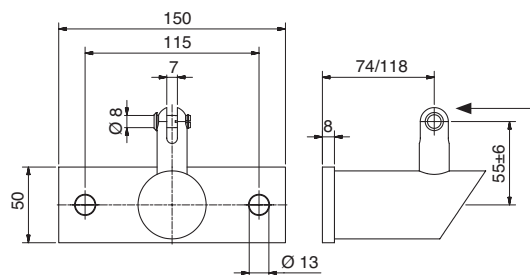
Edelstahl (A2) Oberfläche geschliffen

stainless steel (304) brushed finish

-V = Vertikal
vertical



-H = Horizontal
horizontal

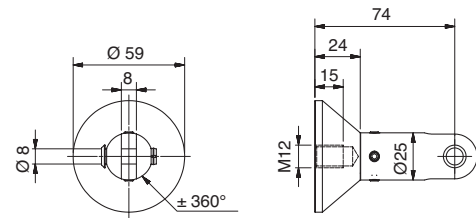


Wandhalter – unten I wall mount – lower support

Art.-Nr. art. no.	Material material	
1943VA-V/H	A2 I 304	
1943VA-V/H-118	A2 I 304	Verlängert I extended

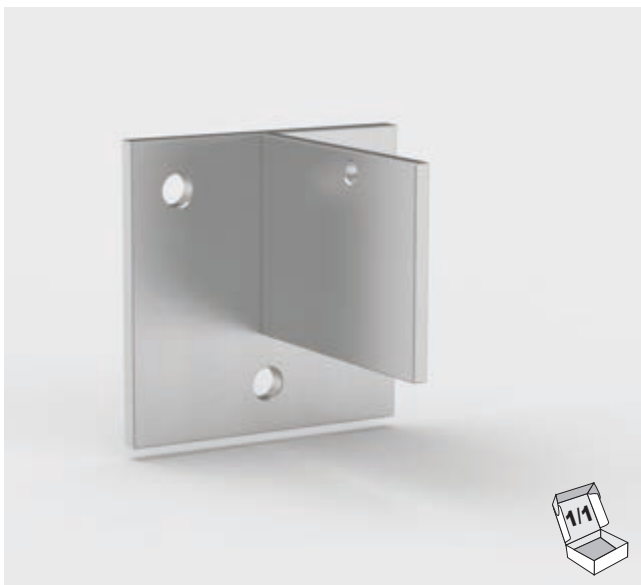


Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish

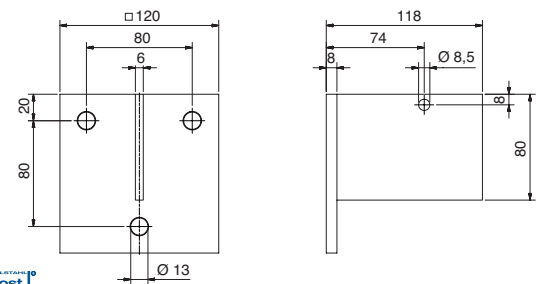


Wandhalter – oben/unten | wall mount – upper/lower support

Art.-Nr. art. no.	Material material
1981VA	A2 I 304



Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish



Wandhalter – unten | wall mount – lower support

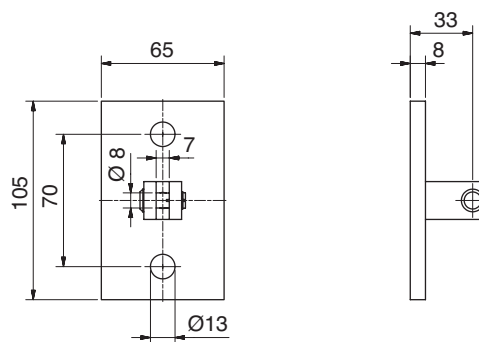
Art.-Nr. art. no.	Material material
1722VA	A2 I 304



Wandhalter – oben wall mount – upper supports



Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish

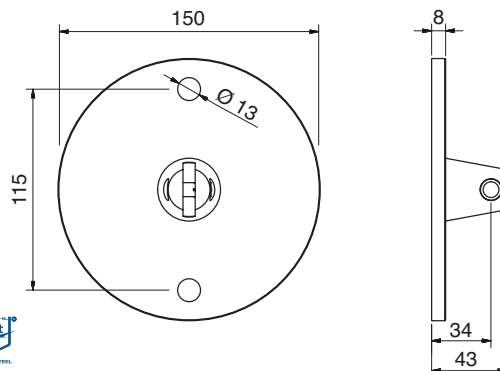


Wand-Stangenverbindung – oben
wall rod connection – upper support

Art.-Nr. art. no.	Material material
1778VA	A2 I 304



Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish

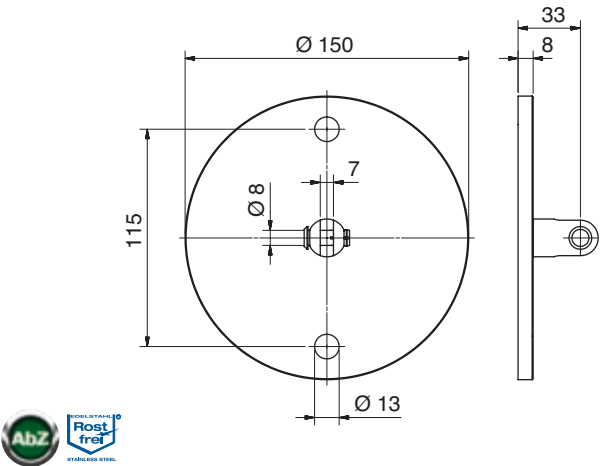


Wand-Stangenverbindung – oben
wall rod connection – upper support

Art.-Nr. art. no.	Material material
1841VA	A2 I 304



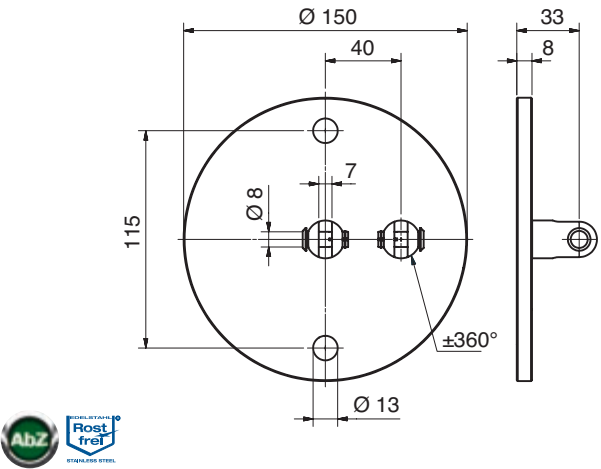
Edelstahl (A2/A4) Oberfläche geschliffen
stainless steel (304 / 316) brushed finish



Wand-Stangenverbindung – oben wall rod connection – upper support		
Art.-Nr. art. no.	Material material	
1910VA	A2 I 304	
1910VA-SA0346	A2 I 304	Gabel drehbar fork connector rotatable
1910VA4	A4 I 316	



Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish



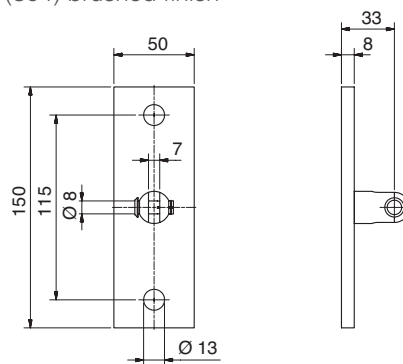
Wand-Stangenverbindung – oben wall rod connection – upper support		
Art.-Nr. art. no.	Material material	
1911VA	A2 I 304	1 Gabel drehbar I 1 fork connector rotatable
1911VA-SA0394	A2 I 304	2 Gabeln drehbar I 2 fork connectors rotatable
1911VA-SA0558	A2 I 304	3 Gabeln drehbar I 3 fork connectors rotatable



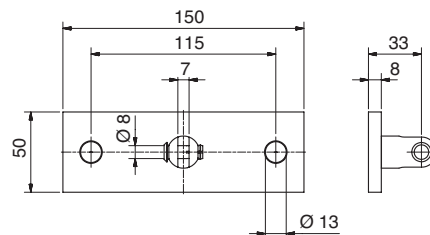
Edelstahl (A2) Oberfläche geschliffen

stainless steel (304) brushed finish

-V = Vertikal
vertical



-H = Horizontal
horizontal



Wand-Stangenverbindung – oben wall rod connection – upper support

Art.-Nr. art. no.	Material material	
1912VA-V/H	A2 I 304	
1912VA	A2 I 304	Gabel drehbar fork connector rotatable

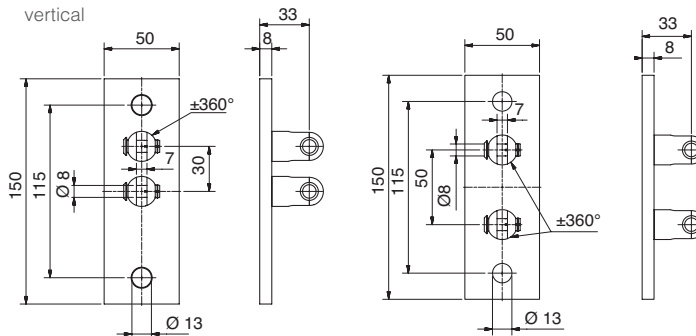


Edelstahl (A2) Oberfläche geschliffen

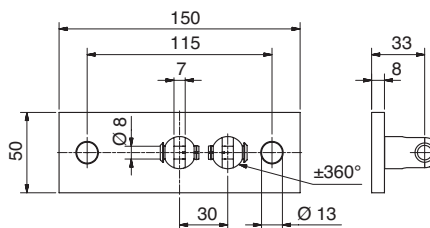
stainless steel (304) brushed finish

-V = Vertikal
vertical

1912VA-SA0370A



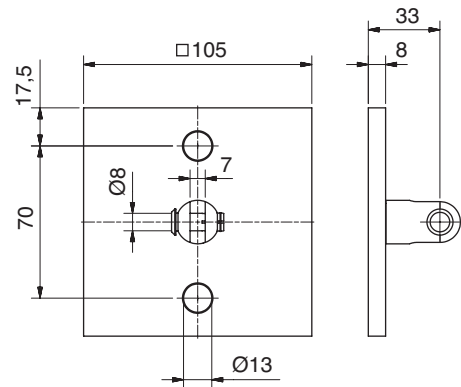
-H = Horizontal
horizontal



Wand-Stangenverbindung – oben wall rod connection – upper support

Art.-Nr. art. no.	Material material	
1914VA-V/H	A2 I 304	Gabel drehbar fork connector rotatable
1912VA-SA0370A	A2 I 304	Gabeln drehbar fork connectors rotatable

Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish



Wand-Stangenverbindung – oben
wall rod connection – upper support

Art.-Nr.
art. no.

Material
material

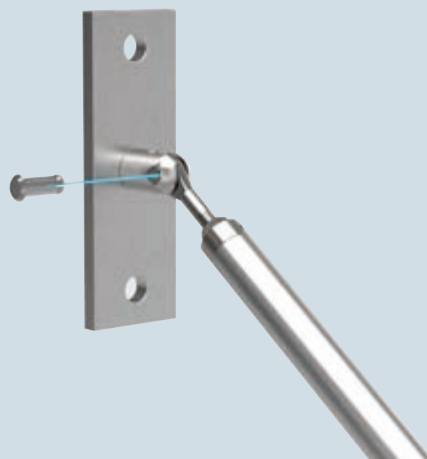
1721VA

A2 | 304

Info



1912VA-SA0370A mit I with 1920VA



1912VA-V mit I with 1920VA



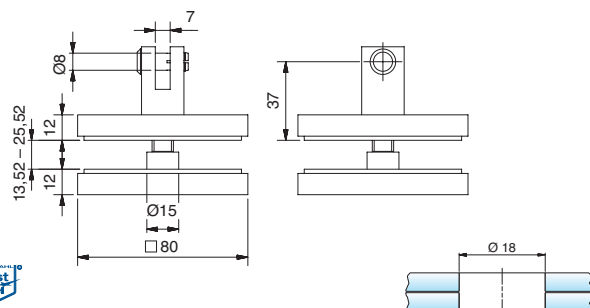
1721VA mit I with 1777VA



Punkthalter point fixtures



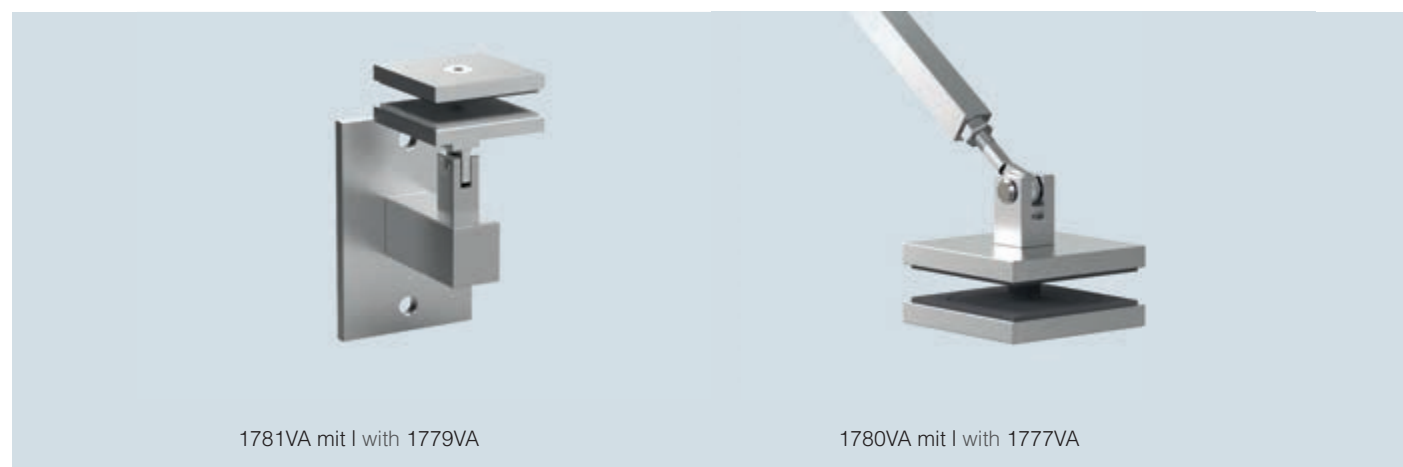
Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish



Punkthalter mit Gabel I point fixture with fork connector

Art.-Nr. art. no.	Material material	
1780VA-12	A2 I 304	13,52
1780VA-16	A2 I 304	17,52
1780VA-20	A2 I 304	21,52
1780VA-24	A2 I 304	25,52

Info

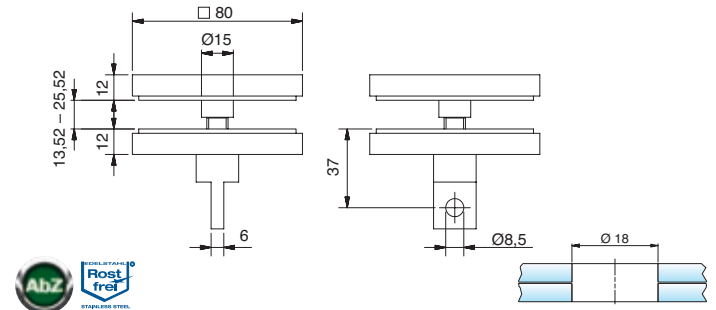


1781VA mit I with 1779VA

1780VA mit I with 1777VA



Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish

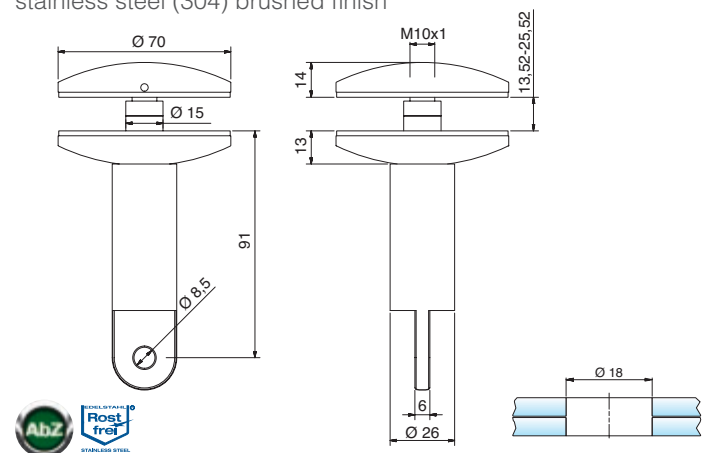


Punkthalter mit Öse | point fixture with eye connector

Art.-Nr. art. no.	Material material	
1781VA-12	A2 I 304	13,52
1781VA-16	A2 I 304	17,52
1781VA-20	A2 I 304	21,52
1781VA-24	A2 I 304	25,52



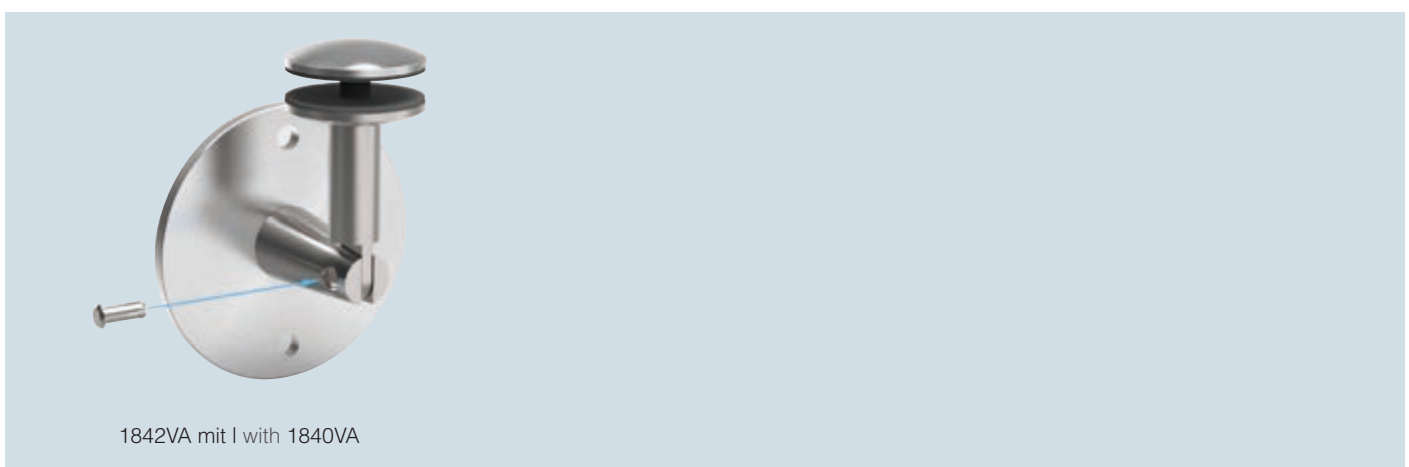
Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish



Punkthalter mit Öse | point fixture with eye connector

Art.-Nr. art. no.	Material material	
1842VA	A2 I 304	13,52 – 25,52

Info



1842VA mit I with 1840VA

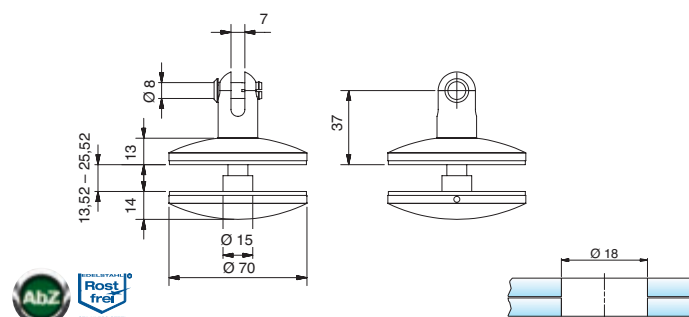
Vordächer / Einzelteile

canopies / single components



Edelstahl (A2/A4) Oberfläche geschliffen

stainless steel (304 / 316) brushed finish



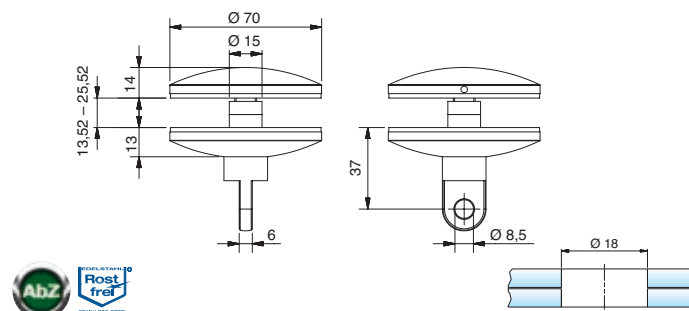
Punkthalter mit Gabel I point fixture with fork connector

Art.-Nr. art. no.	Material material	
1927VA-12	A2 I 304	13,52
1927VA-16	A2 I 304	17,52
1927VA-20	A2 I 304	21,52
1927VA-24	A2 I 304	25,52
1927VA4-12	A4 I 316	13,52
1927VA4-16	A4 I 316	17,52
1927VA4-20	A4 I 316	21,52
1927VA4-24	A4 I 316	25,52



Edelstahl (A2/A4) Oberfläche geschliffen

stainless steel (304 / 316) brushed finish

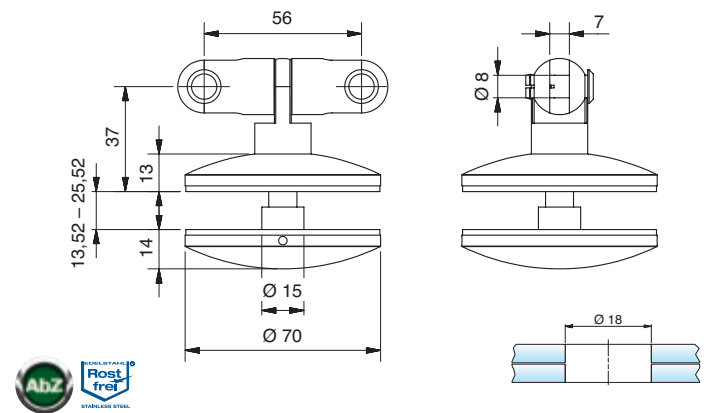


Punkthalter mit Öse I point fixture with eye connector

Art.-Nr. art. no.	Material material	
1926VA-12	A2 I 304	13,52
1926VA-16	A2 I 304	17,52
1926VA-20	A2 I 304	21,52
1926VA-24	A2 I 304	25,52
1926VA4-12	A4 I 316	13,52
1926VA4-16	A4 I 316	17,52
1926VA4-20	A4 I 316	21,52
1926VA4-24	A4 I 316	25,52



Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish



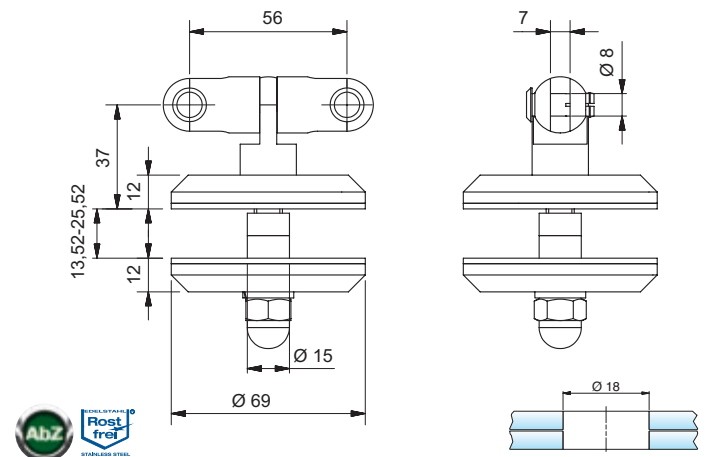
Punkthalter mit 2 Gabeln | point fixture with 2 fork connectors

Für M-Set, verstellbar
for M-Set, rotatable

Art.-Nr. art. no.	Material material	
1925VA-12	A2 304	13,52
1925VA-16	A2 304	17,52
1925VA-20	A2 304	21,52
1925VA-24	A2 304	25,52



Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish



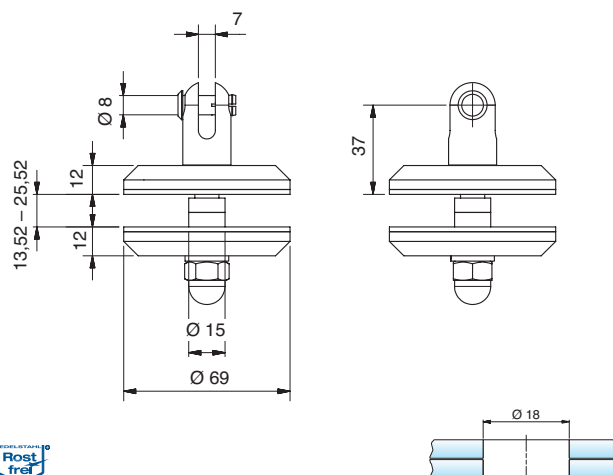
Punkthalter mit 2 Gabeln | point fixture with 2 fork connectors

Für M-Set, Punkthalter gefast, verstellbar
for M-Set, point fixture chamfered, rotatable

Art.-Nr. art. no.	Material material	
1934VA-12	A2 304	13,52
1934VA	A2 304	17,52/21,52
1934VA-24	A2 304	25,52



Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish

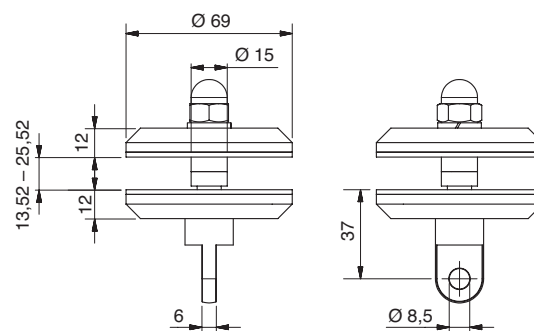


Punkthalter mit Gabel | point fixture with fork connector

Art.-Nr. art. no.	Material material	
1930VA-12	A2 304	13,52
1930VA	A2 304	17,52/21,52
1930VA-24	A2 304	25,52



Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish

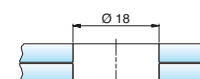
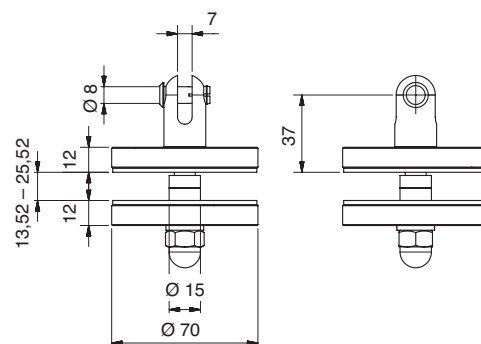


Punkthalter mit Öse | point fixture with eye connector

Art.-Nr. art. no.	Material material	
1931VA-12	A2 304	13,52
1931VA	A2 304	17,52/21,52
1931VA-24	A2 304	25,52



Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish

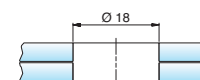
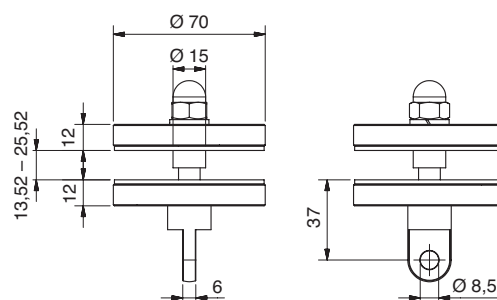


Punkthalter mit Gabel I point fixture with fork connector

Art.-Nr. art. no.	Material material	
1928VA-12	A2 I 304	13,52
1928VA	A2 I 304	17,52/21,52
1928VA-24	A2 I 304	25,52



Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish



Punkthalter mit Öse I point fixture with eye connector

Art.-Nr. art. no.	Material material	
1929VA-12	A2 I 304	13,52
1929VA	A2 I 304	17,52/21,52
1929VA-24	A2 I 304	25,52

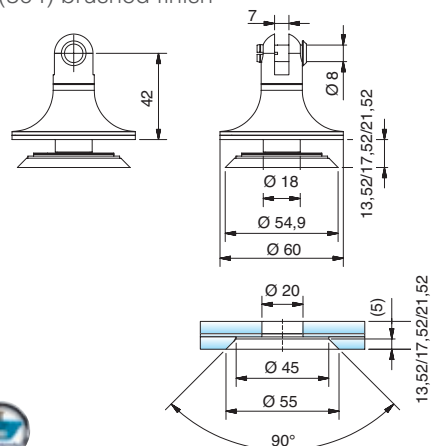
Vordächer / Einzelteile

canopies / single components



Edelstahl (A2) Oberfläche geschliffen

stainless steel (304) brushed finish



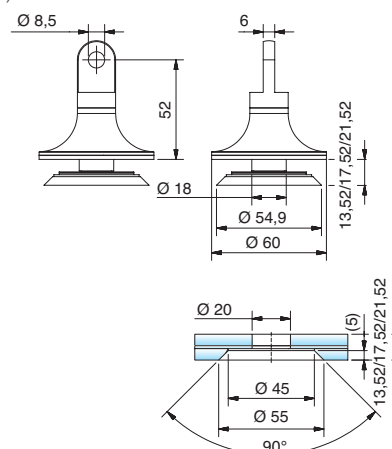
Senkpunkthalter mit Gabel
countersink point fixture with fork connector

Art.-Nr. art. no.	Material material	
1996VA	A2 I 304	13,52/17,52/21,52



Edelstahl (A2) Oberfläche geschliffen

stainless steel (304) brushed finish



Senkpunkthalter mit Öse
countersink point fixture with eye connector

Art.-Nr. art. no.	Material material	
1997VA	A2 I 304	13,52/17,52/21,52

Info

Glaserstellung I glass processing

Erst nach der Herstellung des VSG-Verbundes darf der Bereich der PVB-Folie Ø 20 mm ausgeschnitten werden.

cut a Ø 20 mm through hole only after the laminated glass has been made.

Zubehör I accessories

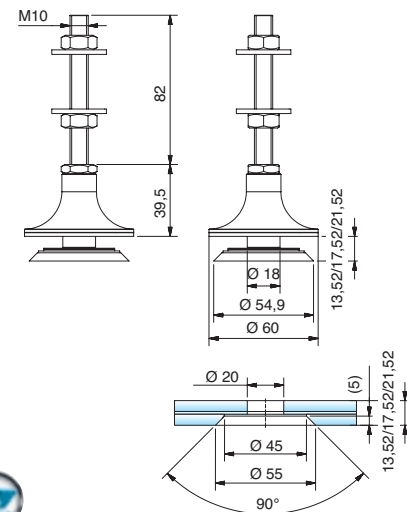
 Z058 S. I P. 397



*AbZ = german national technical approval



Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish



Senkpunkthalter für Überkopfverglasungen countersink point fixture for over head glazing

Art.-Nr. art. no.	Material material	
7590VA	A2 I 304	13,52/17,52/21,52

Info

Senkpunkthalter für Lichtdecken | countersink point fixture for lighted ceilings

Bei Lichtdecken ist immer eine statische Berechnung unter Ansatz einer Staublast von 20 kg/m² durchzuführen. Ebenfalls ist der Nachweis der Resttragfähigkeit erforderlich. Für unseren Halter liegen hierzu die Nachweise vor. Weitere Informationen finden Sie in unserem Katalog zur Bemessung von Vordachsystemen oder auf www.deutschemetall.de.

when installing lighted ceiling, a static calculation is always carried out considering a dust load of 20 kg /m². also, verification of residual load capacity is required. further information can be found in the catalog about designing canopy systems and on www.deutschemetall.de.

Glasherstellung | glass processing

Erst nach der Herstellung des VSG-Verbundes darf der Bereich der PVB-Folie Ø 20 mm ausgeschnitten werden.

cut a Ø 20 mm through hole only after the laminated glass has been made.

Zubehör | accessories

 Z058 Seite | page 397



= Flush

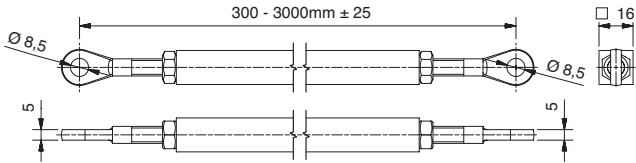




Zugstangen
connector rods



Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish



Zugstange I connector rod

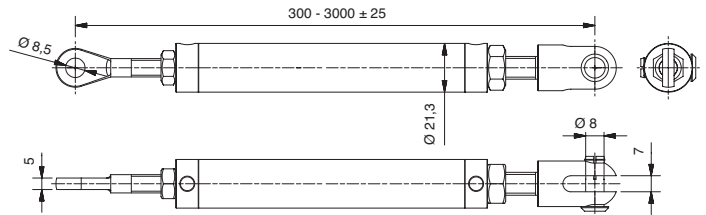
Eckig, mit 2 Ösen, Rechts-/Links-Gewinde
square, with 2 eye connectors, right- lefthand thread

Art.-Nr. art. no.	Material material
1777VA	A2 I 304



Edelstahl (A2) Oberfläche geschliffen

stainless steel (304) brushed finish



Zugstange | connector rod

Rund, mit Öse/Gabel, Rechts-/Links-Gewinde

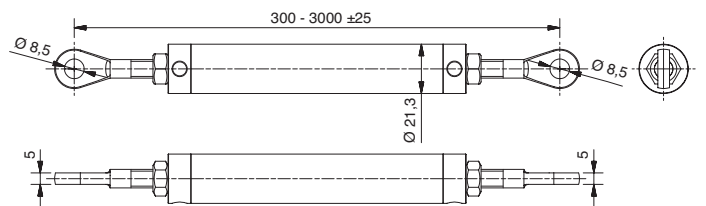
round, with eye connector/fork connector, right- lefthand thread

Art.-Nr. art. no.	Material material
1820VA	A2 304



Edelstahl (A2/A4) Oberfläche geschliffen

stainless steel (304 / 316) brushed finish



Zugstange | connector rod

Rund, mit 2 Ösen, Rechts-/Links-Gewinde

round, with 2 eye connectors, right- lefthand thread

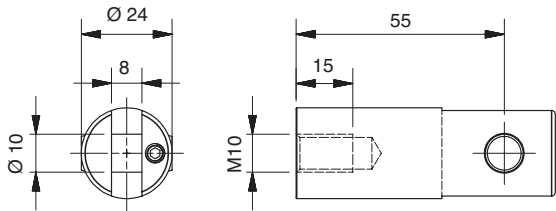
Art.-Nr. art. no.	Material material
1920VA	A2 304
1920VA4	A4 316



TYP Z-08
TYPE Z-08



Edelstahl (A2/A4) Oberfläche geschliffen
stainless steel (304/316) brushed finish



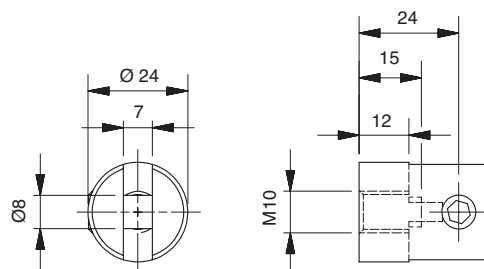
Wandbefestigung – unten | wall mount – lower support

Art.-Nr. art. no.	Nur passend zu Punkthalter fits only point fixtures	Material material
1905VA	1903VA	A2 304
1905VA4	1903VA(VA4)	A4 316



Edelstahl (A2/A4) Oberfläche geschliffen

stainless steel (304/316) brushed finish



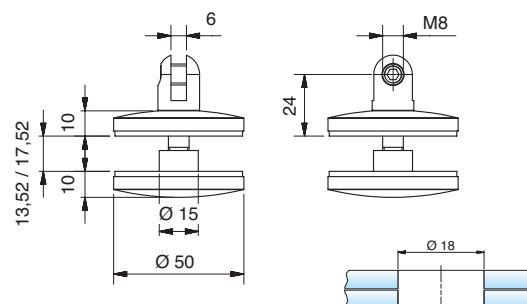
Wandbefestigung – oben | wall mount – upper support

Art.-Nr. art. no.	Nur passend zu Zugstange fits only connector rods	Material material
1902VA	1901VA	A2 I 304
1902VA4	1901VA(4)	A4 I 316



Edelstahl (A2/A4) Oberfläche geschliffen

stainless steel (304/316) brushed finish



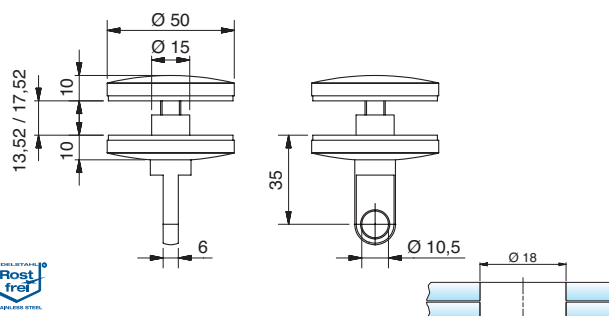
Punkthalter mit Gabel | point fixture with fork connector

Art.-Nr. art. no.	Nur passend zu Zugstange fits only connector rods	Material material	
1904VA-12	1901VA	A2 I 304	13,52
1904VA4-12	1901VA(4)	A4 I 316	13,52
1904VA-16	1901VA	A2 I 304	17,52



Edelstahl (A2/A4) Oberfläche geschliffen

stainless steel (304/316) brushed finish



Punkthalter mit Öse | point fixture with eye connector

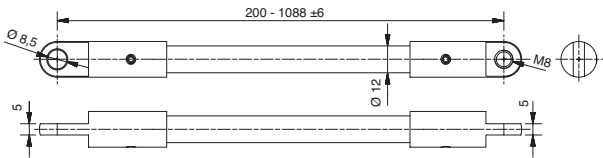
Art.-Nr. art. no.	Nur passend zu Wandbefestigung fits only wall mounts	Material material	
1903VA-12	1905VA	A2 I 304	13,52
1903VA4-12	1905VA(4)	A4 I 316	13,52
1903VA-16	1905VA	A2 I 304	17,52

Vordächer / Einzelteile

canopies / single components



Edelstahl (A2/A4) Oberfläche geschliffen
stainless steel (304/316) brushed finish



Zugstange I connector rod

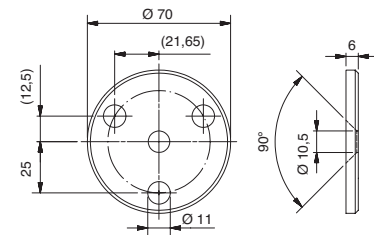
Rund, mit 2 Ösen, Rechts-/Links-Gewinde
rounded, with 2 eye connectors, right and left handed thread

Art.-Nr. art. no.	Material material
1901VA	A2 I 304
1901VA4	A4 I 316





Edelstahl (A4) Oberfläche geschliffen
stainless steel (316) brushed finish



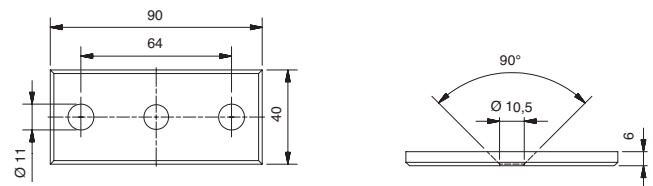
Wandbefestigung | wall mount

Für Befestigung an Massivholzwand
for attachment to solid wood wall

Art.-Nr. art. no.	Material material
S1890VA4-70	A4 316



Edelstahl (A4) Oberfläche geschliffen
stainless steel (316) brushed finish



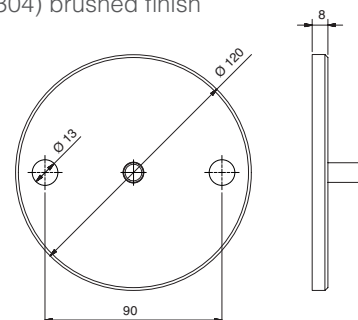
Wandbefestigung | wall mount

Für Befestigung an Massivholzwand
for attachment to solid wood wall

Art.-Nr. art. no.	Material material
S1890VA4-90x40	A4 316



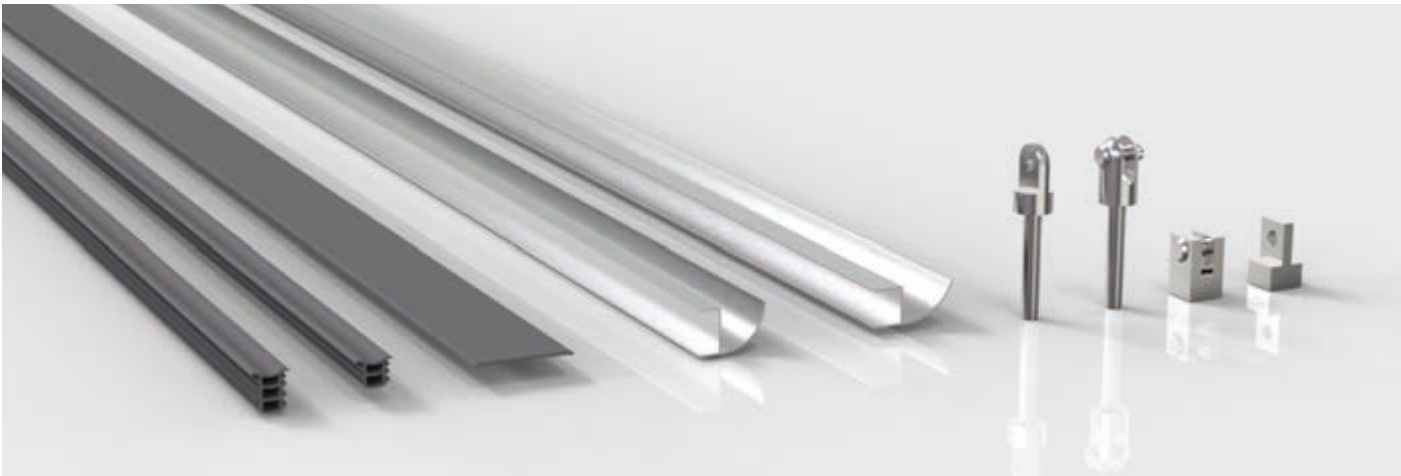
Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish



Wandbefestigung | wall mount

Ø 120 x 8 mm inkl. Senkkopfschraube M10
Ø 120 x 8 mm incl. M10 countersink screw

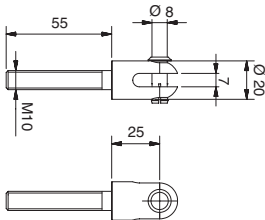
Art.-Nr. art. no.	Material material
S1890VA-120	A2 304



Zubehör
accessories



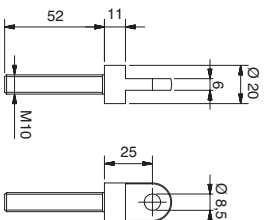
Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish



Gabel mit Spreizbolzen threaded fork connector with expansion bolt	
Art.-Nr. art. no.	Material material
1930-4VA	A2 I 304



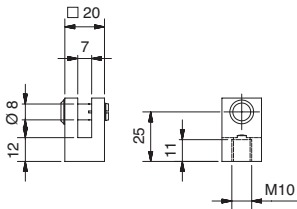
Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish



Öse I threaded eye connector	
Art.-Nr. art. no.	Material material
1931-1VA-52	A2 I 304



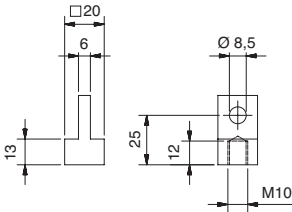
Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish



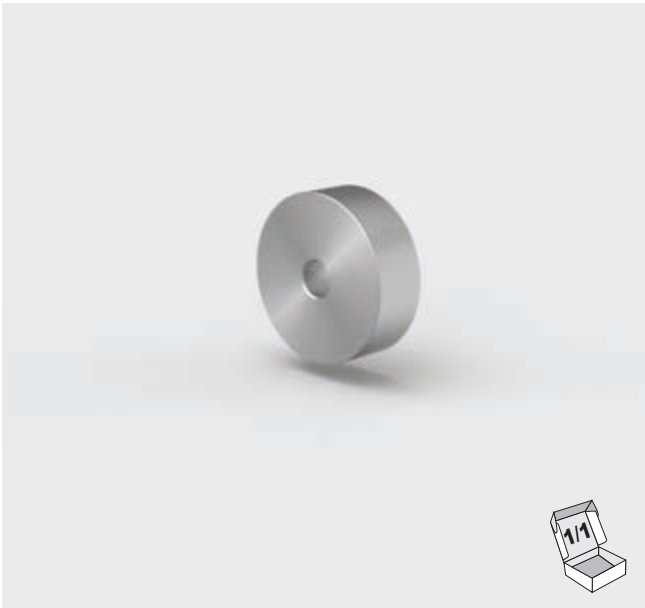
Gabel mit Spreizbolzen tapped fork connector with expansion bolt	
Art.-Nr. art. no.	Material material
1780-4VA	A2 I 304



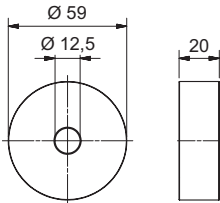
Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish



Öse I tapped eye connector	
Art.-Nr. art. no.	Material material
1781-1VA	A2 I 304



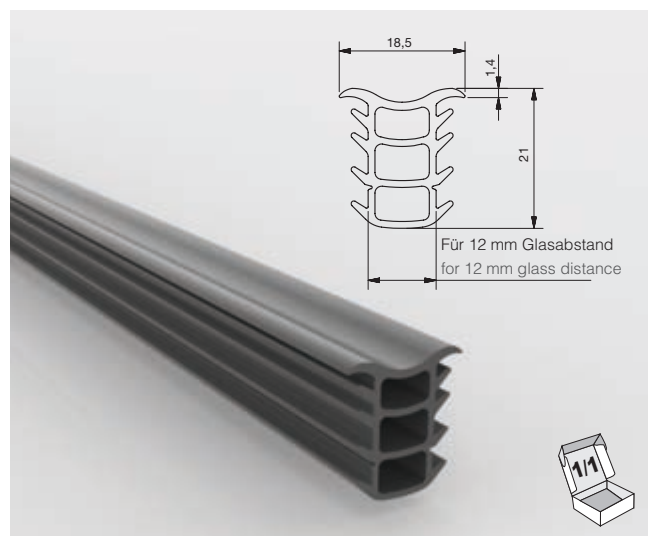
Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish



Distanzflansch I spacer		
Art.-Nr. art. no.	Passend zu Wandhalter fits wall mount	Material material
1981-4VA-20	1981VA	A2 I 304

Vordächer / Einzelteile

canopies / single components

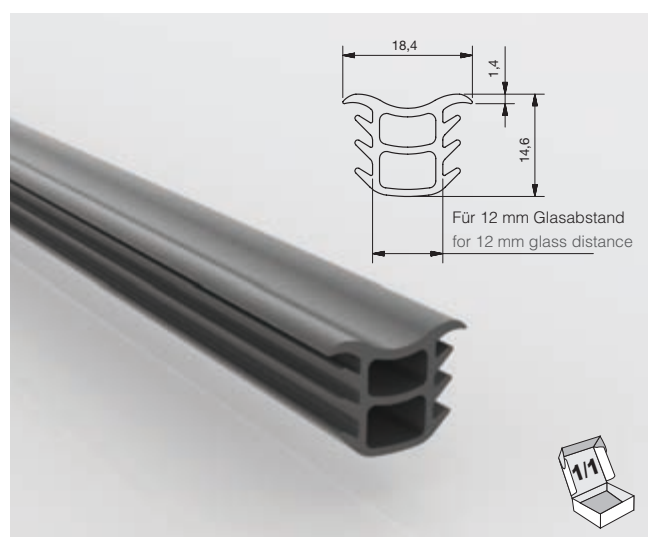


Elastomer | elastomer

Dichtprofil für Vordach – Reihenmontage seal profile for canopy – adjacent installation

Für 12 mm Glasabstand
for 12 mm glass distance

Art.-Nr. art. no.	Materialfarbe material colour		
1806KU3-25M	Schwarz black	25000 mm	21,52/25,52
1806KU3-2500	Schwarz black	2500 mm	21,52/25,52
1806KU3-5000	Schwarz black	5000 mm	21,52/25,52
1806KU4-25M	Silbergrau silver grey	25000 mm	21,52/25,52
1806KU4-2500	Silbergrau silver grey	2500 mm	21,52/25,52
1806KU4-5000	Silbergrau silver grey	5000 mm	21,52/25,52

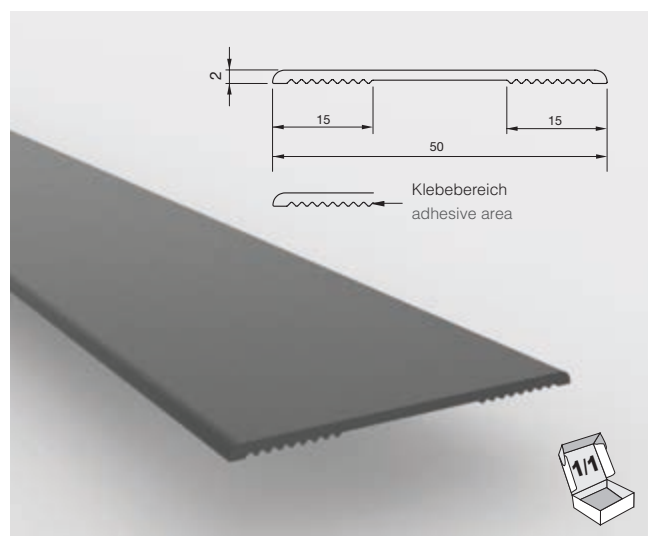


Elastomer | elastomer

Dichtprofil für Vordach – Reihenmontage seal profile for canopy – adjacent installation

Für 12 mm Glasabstand
for 12 mm glass distance

Art.-Nr. art. no.	Materialfarbe material colour		
1807KU3-25M	Schwarz black	25000 mm	13,52/17,52
1807KU3-2500	Schwarz black	2500 mm	13,52/17,52
1807KU3-5000	Schwarz black	5000 mm	13,52/17,52
1807KU4-25M	Silbergrau silver grey	25000 mm	13,52/17,52
1807KU4-2500	Silbergrau silver grey	2500 mm	13,52/17,52
1807KU4-5000	Silbergrau silver grey	5000 mm	13,52/17,52



Elastomer | elastomer

Dichtprofil für Vordach – Wandanschluss seal strip for canopies – wall connection

Art.-Nr. art. no.	Materialfarbe material colour	
1808KU3-25M	Schwarz black	25000 mm
1808KU3-2500	Schwarz black	2500 mm
1808KU3-5000	Schwarz black	5000 mm
1808KU4-25M	Silbergrau silver grey	25000 mm
1808KU4-2500	Silbergrau silver grey	2500 mm
1808KU4-5000	Silbergrau silver grey	5000 mm

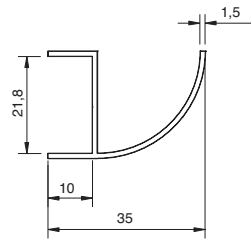
Info

Unsere Profile sind nicht für nanobeschichtete Glasoberflächen geeignet.

our profiles are not suitable for nano-coated glass surfaces.



Aluminiumoberfläche: Edelstahloptik*
aluminium finish stainless steel optic*

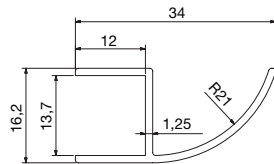


Regenrinne I rain gutter			
Art.-Nr. art. no.	Material material		
1900E1/22	Aluminium	6000 mm	21,52

*Edelstahloptik = Aluminium geschliffen, silberfarbig eloxiert
*stainless steel optic = aluminium ground, anodised nickel silver



Aluminiumoberfläche: naturfarbig eloxiert
aluminium finish anodised natural colour



Regenrinne I rain gutter			
Art.-Nr. art. no.	Material material		
1907E6/EV1	Aluminium	4600 mm	13,52

Info



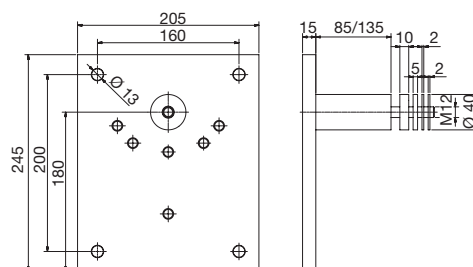
- Im Zuschnitt möglich
- cutting to length is possible

Vordächer / Einzelteile

canopies / single components



Stahl verzinkt/A2/Dotherm I steel zinc plated/304/Dotherm



Anschraubset I wall mount set

Für I for 1981VA

Art.-Nr.
art. no.



1918VAM12-100-1

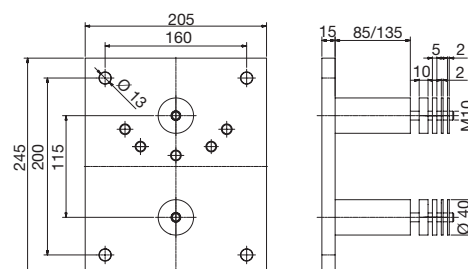
100 mm

1918VAM12-150-1

150 mm



Stahl verzinkt/A2/Dotherm I steel zinc plated/304/Dotherm



Anschraubset I wall mount set

Für I for 1910VA, 1911VA, 1912VA-V/H, 1914VA-V/H, 1940VA, 1941VA, 1942VA-V/H, 1943VA-V/H, , 1721VA, 1778VA, 1779VA, 1840VA, 1841VA

Art.-Nr.
art. no.



1918VAM10-100-2

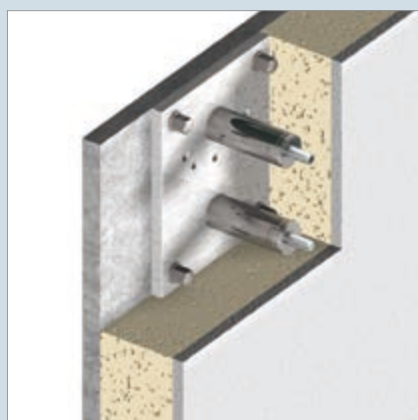
100 mm

1918VAM10-150-2

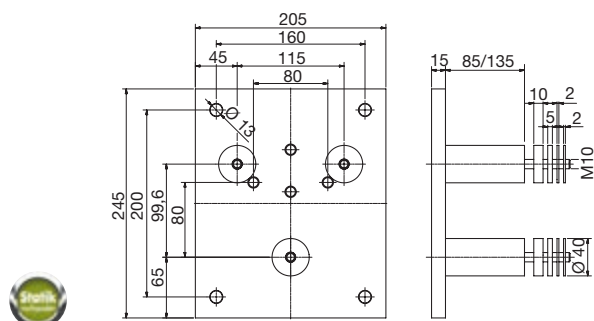
150 mm

Info

Anwendungsbeispiel für 1918VA I application sample for 1918VA



Stahl verzinkt/A2/Dotherm I steel zinc plated/304/Dotherm



Anschraubset I wall mount set

Für I for 1722VA

Art.-Nr.
art. no.


1918VAM10-100-3

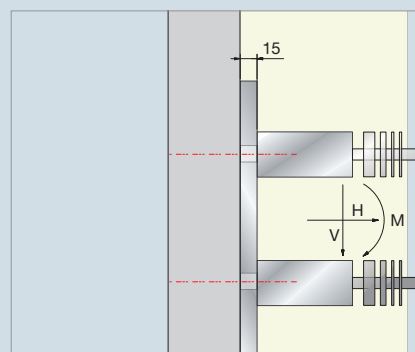
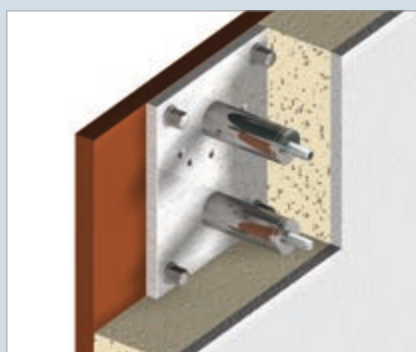
100 mm

1918VAM10-150-3

150 mm

Info

Anschluss an Beton/Mauerwerk mit Wärmedämmung I connection to concrete/brickwork with thermal insulation


Mauerwerk
brickwork

Dicke der Dämmung
thickness of insulation

1945VA, 1944VA, 1913VA, 1948VA, 1955VA, 1954VA, 1775VA, 1774VA,
1776VA, 1953VA, 1965VA, 1964VA, 1963VA, 1847VA, 1848VA, 1849VA

Belastung V aus Dach
load V of canopy

Belastung H aus Dach
load H of canopy

Min.	mm	Max.	Max.
KSL12, Mz12, KS12**	100	1,7 kN	2,4 kN
KSL12, Mz12, KS12**	100	2,1 kN	1,5 kN
HLZ12**	100	1,4 kN	1,4 kN
HLZ6, KSL6, HbL4, Hbn4**	100	1,3 kN	0,7 kN
HLZ6, KSL6, HbL4, Hbn4**	100	0,85 kN	1,6 kN

Beton
concrete

Dicke der Dämmung
thickness of insulation

1945VA, 1944VA, 1913VA, 1948VA, 1955VA, 1954VA, 1953VA, 1775VA, 1774VA,
1776VA, 1965VA, 1964VA, 1963VA, 1725VA, 1724VA, 1726VA, 1847VA, 1848VA, 1849VA

Belastung V aus Dach
load V of canopy

Belastung H aus Dach
load H of canopy

Min.	mm	Max.	Max.
C20/25*	100	4,5 kN	4,5 kN
C20/25*	150	2,1 kN	4,0 kN

* Dübel Hilti HST-R M12

** Dübel Hilti HIT-HY70 M12, Bohrloch im Drehgang.

* dowel Hilti HST-R M12

** dowel Hilti HIT-HY70 M12, to be drilled in drilling mode.

Belastung für 1725VA, 1724VA, 1726VA auf Anfrage.

load for 1725VA, 1724VA, 1726VA on request.

Größere Anschlussplatten mit größeren aufnehmbaren Lasten auf Anfrage.

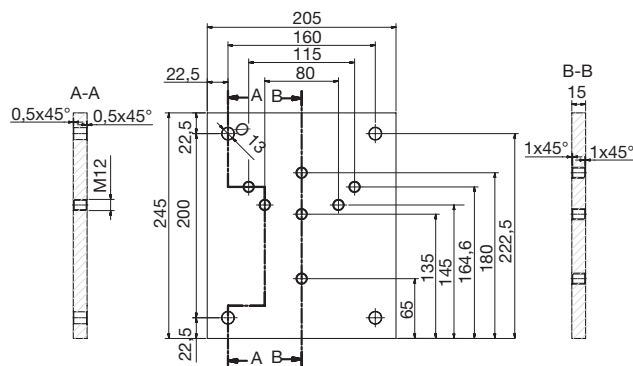
larger wall mounting plates with higher load capacity on request.

Vordächer / Einzelteile

canopies / single components



Stahl verzinkt | steel zinc plated



Anschraubplatte | wall mount plate

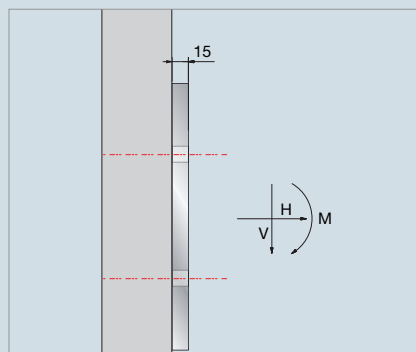
Art.-Nr.

art. no.

1918-1ST8

Info

Anschluss an Beton/Mauerwerk ohne Wärmedämmung | connection to concrete/brickwork without thermal insulation



Mauerwerk
brickwork

1945VA, 1944VA, 1913VA, 1948VA, 1955VA,
1954VA, 1953VA, 1965VA, 1964VA, 1963VA,
1847VA, 1848VA, 1849VA

1725VA, 1724VA, 1726VA, 1775VA, 1774VA, 1776VA

Belastung V aus Dach
load V of canopy

Belastung H aus Dach
load H of canopy

Belastung V aus Dach
load V of canopy

Belastung H aus Dach
load H of canopy

Min.	Max.	Max.	Max.	Max.
KSL12, Mz12, KS12**	2,3 kN	3,4 kN	1,6 kN	2,2 kN
KSL12, Mz12, KS12**	3,0 kN	2,5 kN	2,3 kN	1,8 kN
HLZ12**	2,0 kN	2,0 kN	1,75 kN	1,35 kN
HLZ6, KSL6, HbL4, Hbn4**	1,75 kN	1,35 kN	1,35 kN	1,0 kN
HLZ6, KSL6, HbL4, Hbn4**	1,4 kN	1,8 kN	1,0 kN	1,2 kN

Beton | concrete

Belastung V aus Dach
load V of canopy

Belastung H aus Dach
load H of canopy

Min.	Max.	Max.
C20/25*	5,0 kN	5,0 kN

* Dübel Hilti HST-R M12, die AbZ des Dübels ist zu beachten.
Bohrloch im Drehgang.

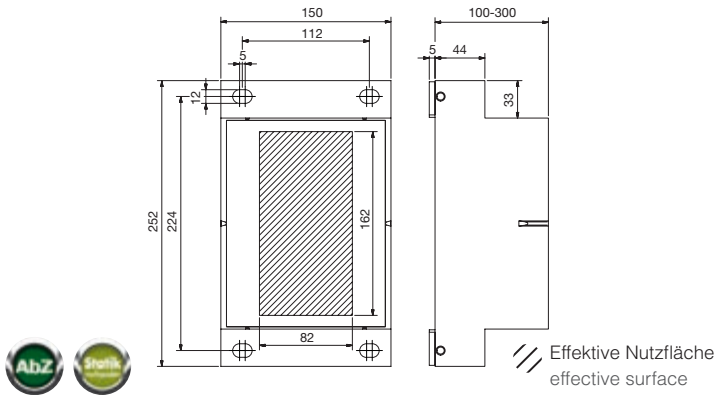
** Dübel Hilti HIT-HY70 M12, die AbZ des Dübels ist zu beachten.

Die Belastungswerte sind als Anhaltswerte zu verstehen und können abhängig von der Einbausituation abweichen. Angenommener Abstand vom Plattenrand zur Betonkante 77,5 mm (ansonsten ungestört).

* dowel Hilti HST-R M12, please note AbZ for the dowel.
hole to be drilled in drilling mode.

** dowel Hilti HIT-HY70 M12, please note AbZ for the dowel.

the load values are reference values and may deviate, depending on the installation situation. assumed distance from edge of plate to edge of concrete: 77.5 mm (no further restrictions).



Schwerlastkonsole | heavy load console

Art.-Nr. art. no.	+	Art.-Nr. art. no.	+
1817-100	100 mm	1817-220	220 mm
1817-120	120 mm	1817-240	240 mm
1817-140	140 mm	1817-260	260 mm
1817-160	160 mm	1817-280	280 mm
1817-180	180 mm	1817-300	300 mm
1817-200	200 mm		



Setzlehre | template

Für Schwerlastkonsolen for heavy load console
Art.-Nr. art. no.
1816KU

Info

Anwendungsbeispiel für 1817 | application example for 1817



Weiteres Zubehör, wie zum Beispiel Bohrlehre (1819ST8) und Distanzunterlagen (1819ST8-1, 1819ST8-2, 1819ST8-3), erhalten Sie auf Anfrage. Bei Bedarf einer größeren Nutzfläche kontaktieren Sie uns bitte.

other accessories such as drill guide (1819ST8) and spacer documents (1819ST8-1, 1819ST8-2, 1819ST8-3) are available on request. if a larger area is required, please contact us.

Vordächer / Einzelteile

canopies / single components



Siebhülse
mesh sleeve

Für I for M10

Art.-Nr.
art. no.

1980



Siebhülse FIS H 20x85 K
mesh sleeve FIS H 20x85 K

Für I for M10

Art.-Nr.
art. no.

1980KU-20x85

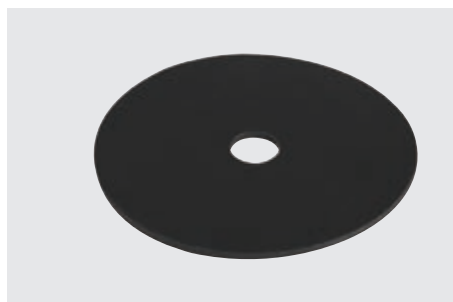


Hutmutter
cap nut

M10

Art.-Nr.
art. no.

1645VA



EPDM-Scheibe
EPDM washer

Ø 69 x Ø 10,5 x 2 mm

Art.-Nr.
art. no.

1345EPDM



POM-Hülse
plastic tubing

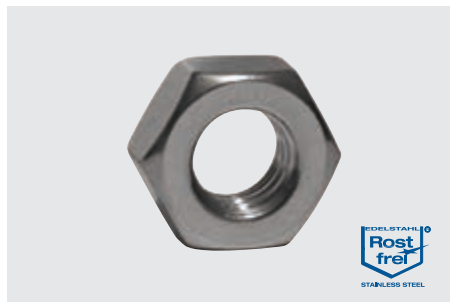
Art.-Nr.
art. no.

1360POM-8

Ø 16 x Ø 12 x 8 mm

1360POM-6

Ø 16 x Ø 12 x 6 mm



Mutter
nut

M10 Rechtsgewinde
M10 nut, right-hand thread

Art.-Nr.
art. no.

1652VA



Hochleistungsmörtel FIS V 300T
high performance mortar FIS V 300T

Art.-Nr.
art. no.

1501KL-300

300 ml



Unterlegscheibe
washer

Für I for M10

Art.-Nr.
art. no.

1634VA



Senkkopfschraube
countersink screw

DIN 7991

Art.-Nr.
art. no.

S7991A2D10x40

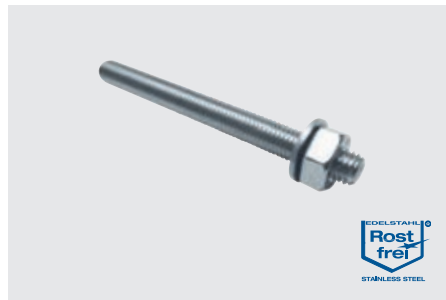


Ankerstange
anchor bolt

M10 x 110 mm

Art.-Nr.
art. no.

1970VA



Ankerstange
anchor bolt

M10 x 110 mm

Art.-Nr.
art. no.

1970-1VA



Stirnlochschlüssel
adjustable face spanner

Verstellbar; Ø 3 x 4 mm
adjustable Ø 3 x 4 mm

Art.-Nr.
art. no.

Z058



Edelstahl 2 in 1 | stainless steel 2 in 1

Edelstahl 2 in 1 schützt und konserviert alle Metalloberflächen. Es hinterbleibt ein streifenfreier, strahlender Glanz. Die behandelte Oberfläche wird vor schneller Wiederverschmutzung und fleckiger Optik perfekt geschützt. Es ist vielseitig einsetzbar, u. a. auch im Nahrungsmittelbereich. Es ist für die Reinigung und Pflege von Edelstahlteilen in Industrie und Handwerk geeignet. Edelstahl 2 in 1 auf die trockene, zu reinigende Fläche aufbringen und gleichmäßig verteilen oder die Fläche mit einem mit Edelstahl 2 in 1 angefeuchteten Tuch gründlich wischen, bis alle Schmutz-, Putz- und Wischstreifen sowie fettige oder ölige Abdrücke entfernt sind.

stainless steel 2 in 1 protects and preserves all metal surfaces. all that remains is a streak free surface and a radiant glow. the treated surface is perfectly protected against foreign contamination and blotching. it is versatile and also used in the food sector and suitable for cleaning and maintenance of stainless steel parts in the industry and workplaces. coat the dry surface to be cleaned with stainless steel 2 in 1 and distribute it evenly or dampen a cloth with stainless steel 2 in 1 and wipe all the dirt, grime and oily fingerprints away.

Art.-Nr.
art. no.

80000500

500-ml-Dose | 500-ml -spray can

Info

- Reinigung von witterungsbedingten Ablagerungen und Fremdstoffen
- Abdruckfrei
- Konserviert und schützt vor Wiederverschmutzung
- cleaning of weather-related deposits and rust
- finger print free
- preserves and protects against reoccurring contamination

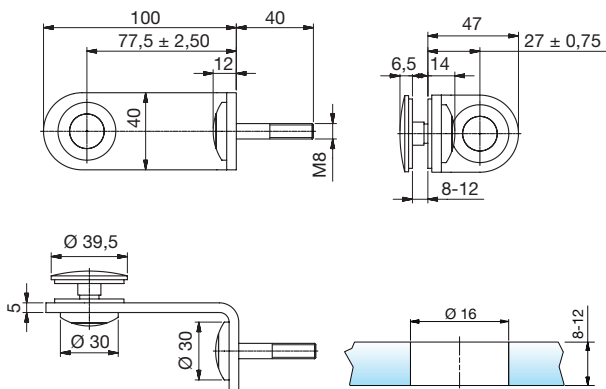
Info

Pflegehinweis | cleaning instructions

Weitere Pflegeprodukte und -infos ab Seite 561 / 570 additional maintenance products and -Infos on page 561 / 570



Edelstahl (A2) Oberfläche geschliffen
stainless steel (304) brushed finish



Winkelhalter | angle bracket

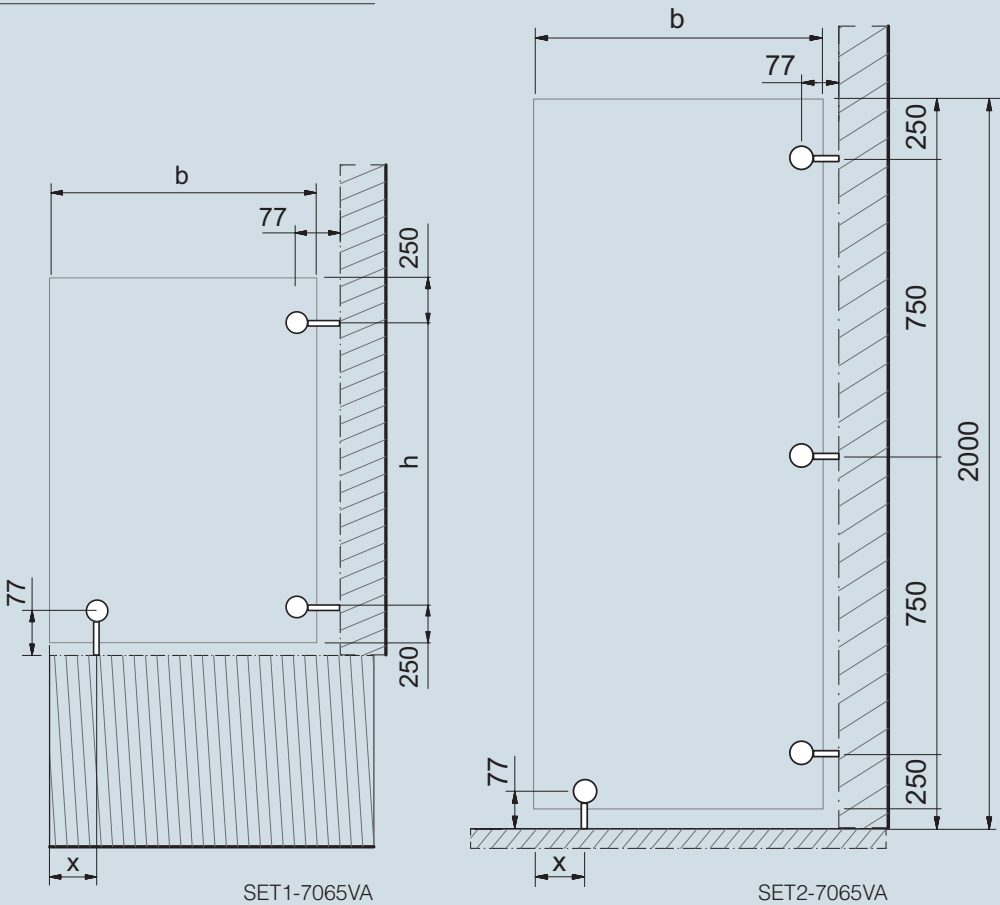
Für Windfangsystem-SET1-7065VA, SET2-7065VA
for windscreen system SET1-7065VA, SET2-7065VA

Art.-Nr. art. no.	Material material	
7065VA	A2 304	8 – 12

Info

Vordimensionierung | pre-dimensioning

Details ab Seite 345
details from page 345



Bohrung | hole: Ø 16 mm

