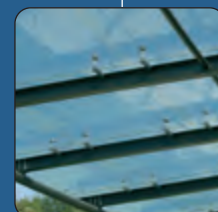
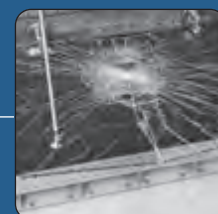




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■ Überkopfverglasung
overhead glazing

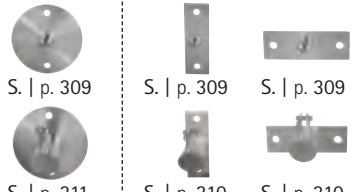
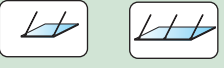




Abgehängte Vordächer im Vergleich | comparison of suspended canopies



Übersicht Sets und Kombinationsmöglichkeiten | overview of sets and combination possibilities

	Basic	Basic II	Pfosten/Riegel post/beam
	 S. p. 309 S. p. 311 S. p. 309	 S. p. 309 S. p. 309 S. p. 309 S. p. 311 S. p. 310 S. p. 310	 S. p. 309 S. p. 310 S. p. 309 S. p. 310
 S. p. 315	✓	✓	✓
 S. p. 315	✓	✓	✓
 S. p. 316	✓	✓	✓
 S. p. 317	✓	✓	✓
 S. p. 317	✓	✓	✓
 S. p. 315	✓	✓	✓
 S. p. 315	✓	✓	✓
 S. p. 314	  Seite page 260	  Seite page 272	  Seite page 268
 S. p. 314	  Seite page 262		
 S. p. 316			
 S. p. 318			
 S. p. 318			
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 S. p. 319			
			



Quadro	Triangle	Diamond	Informo	13189000/13189100	Appunto
 S. p. 311	 S. p. 312	 S. p. 312	 S. p. 313	 S. p. 313	 S. p. 313
 S. p. 311	 S. p. 312	 S. p. 312		 S. p. 313	



KURZ | IN BRIEF

Hier finden Sie eine Übersicht aller Punkthalter und Wandanschlussplatten, die in der AbZ Z-70.3-85 aufgeführt sind. Gekennzeichnet sind die Kombinationsmöglichkeiten nach AbZ oder ob eine ZiE benötigt wird.

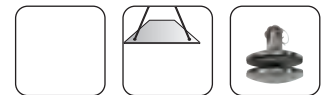
Here you will find an overview of all point fixings and wall mounting plates with AbZ Z-70.3-85. We have indicated which combinations fall under the national technical approval (AbZ) and the combinations for which individual approval (ZiE) is required.

✓	✓	✓	✓		
✓	✓	✓	 1985VA  1988VA  1984VA Seite page 270		
✓	✓	✓	✓		
   Seite page 274	   Seite page 264	   Seite page 266	✓		

	 13189000  13189100 alle Sets auf Seite: 290-293 all sets on page: 290-293	
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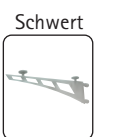
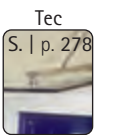
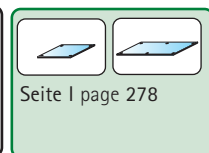
		 13004400  13004500  13004600 Seite page 288
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- ✓ Nach AbZ möglich possible according to AbZ
-  Material: 1.4404
-  Vordach 2er-Set
2pc canopy set
-  Vordach 3er-Set
3pc canopy set
-  Vordach 4er-Set
4pc canopy set
-  Vordach M-Set
canopy M-set
-  Vordächer mit ZiE
canopies with ZiE
-  Vordächer nach AbZ
canopies acc. to AbZ
-  Vordächer nicht
möglich | canopies
not possible



Vordach-Sets: AbZ Z-70.3-74, TRLV und ZiE | canopy sets: AbZ Z-70.3-74, TRLV and ZiE

- Übersicht Sets und Kombinationsmöglichkeiten Z-70.3-74
overview of sets and combination possibilities Z-70.3-74



Beliebige Trag-
konstruktion
various support
structures
possible

- Vordach-Sets | canopy sets | TRLV + ZiE

KURZ | IN BRIEF

Die erste Tabelle beinhaltet eine Übersicht aller Punkthalter und Wandanschlussplatten, die in der AbZ Z-70.3-74 aufgeführt sind.

Für King I, King II und Alto gibt es unterschiedliche Sets, die nach der TRLV verbaut werden können.

The first sheet shows all point fixings and wall mounts covered by AbZ Z-70.3-74. The sets of King I, II and Alto may be assembled according to TRLV.

King I



King II



Seite | page 284



Seite | page 286

Alto



Seite | page 297



Sera I



Seite | page 296

Zigmento I



Seite | page 294

Zigmento II



Seite | page 295

Schwert II



Seite | page 283

Schwert II



Seite | page 282

Solar



Seite | page 304



Nach AbZ möglich
possible according
to AbZ



Material: 1.4404



Vordach 2er-Set
2pc canopy set



Vordach 3er-Set
3pc canopy set



Vordach 4er-Set
4pc canopy set



Vordächer mit ZiE
canopies with ZiE



Vordächer nach AbZ
canopies acc. to AbZ



Vordächer nach TRLV
canopies acc. to TRLV





■ So finden Sie schnell Ihr Produkt | how to find your product quickly

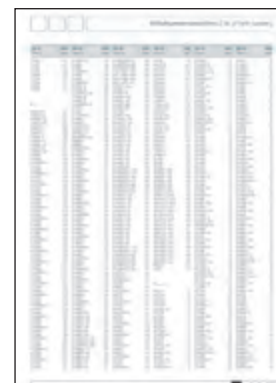


1

Auf Seite 3 finden Sie die Aufteilung des Handbuchs in 4 Bereiche. Die Seitenangabe markiert den Start der Rubrik mit den jeweiligen Inhaltsverzeichnissen. | The structure of this handbook, which is divided into 4 sections, is described on page 3. The page reference indicates the start of the category with the respective table of contents.

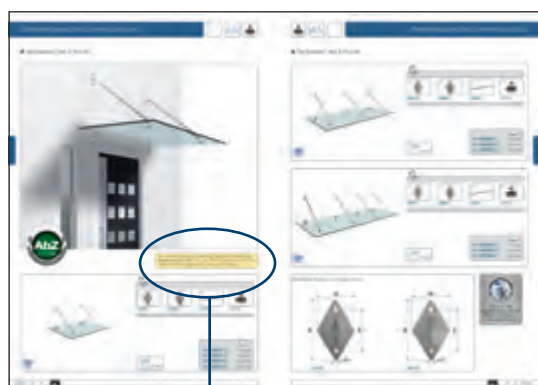
Sollten Sie einen bestimmten Artikel suchen, finden Sie ab Seite 622 das Artikelnummernverzeichnis, mit deren Seitenangabe.

If you are looking for a specific item, you will find the list of item numbers with page references from page 622 onwards.



2

Auf Seite 250 finden Sie das detailliertere Inhaltsverzeichnis der Überkopfverglasungsrubrik. Seitenangaben führen Sie zu den gesuchten Produkten. A detailed table of contents for the category "overhead glazing" can be found on page 250. The page references lead you to the required products.



3

Auf den Produktseiten finden Sie Abbildungen und nützliche Zeichnungen. Neben Pflegehinweisen haben wir zusätzlich Verweise auf detaillierte Informationen zum Produkt vermerkt. Illustrations and useful technical drawings can be found on the product pages. Besides the care instructions you will find additional references to detailed product information.



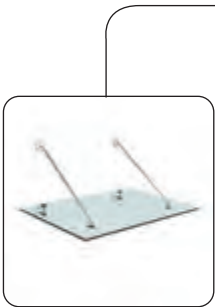
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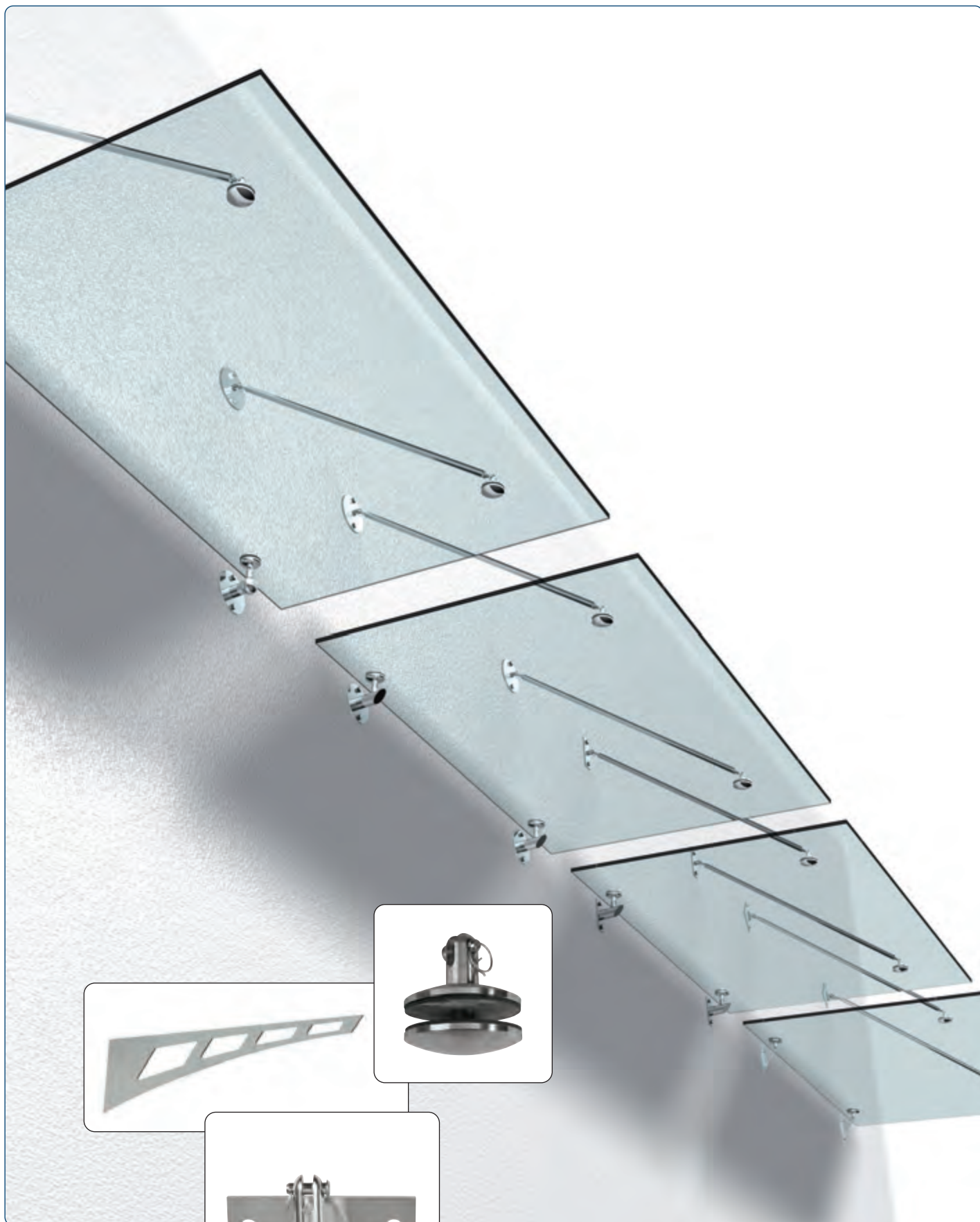
In der Rubrik „Bemessungen und Sicherheit“ ab Seite 332 leisten die Informationen wichtige Hilfestellungen bei z. B. Glasdimensionierungen. Außerdem finden Sie Planungsabläufe oder Anwendungsbeispiel – für sicheres Bauen. The chapter "Design and safety", from page 332 onwards, contains information that provides important assistance for glass dimensioning etc. Furthermore you will find planning processes or application examples for safe building.



■ Inhalt | content

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 - Sets mit AbZ Z-70.3-85 | sets with AbZ Z-70.3-85 260- 275
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 - Glasbedruckungen | glass printing 302-303
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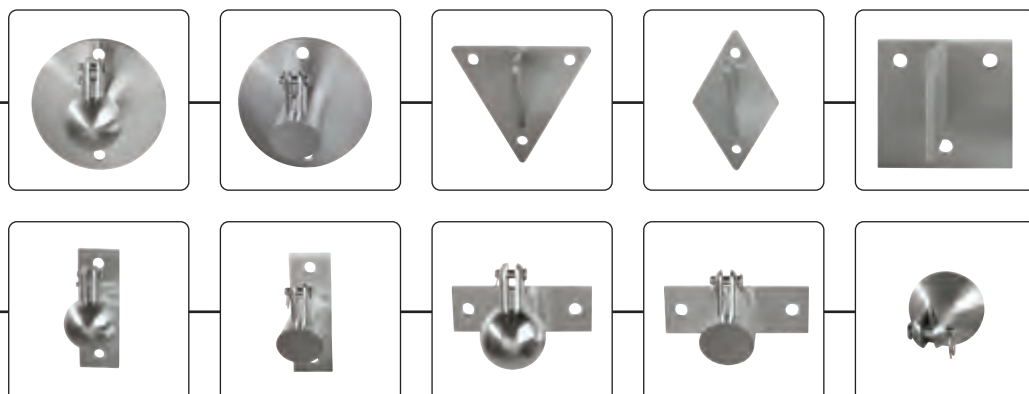
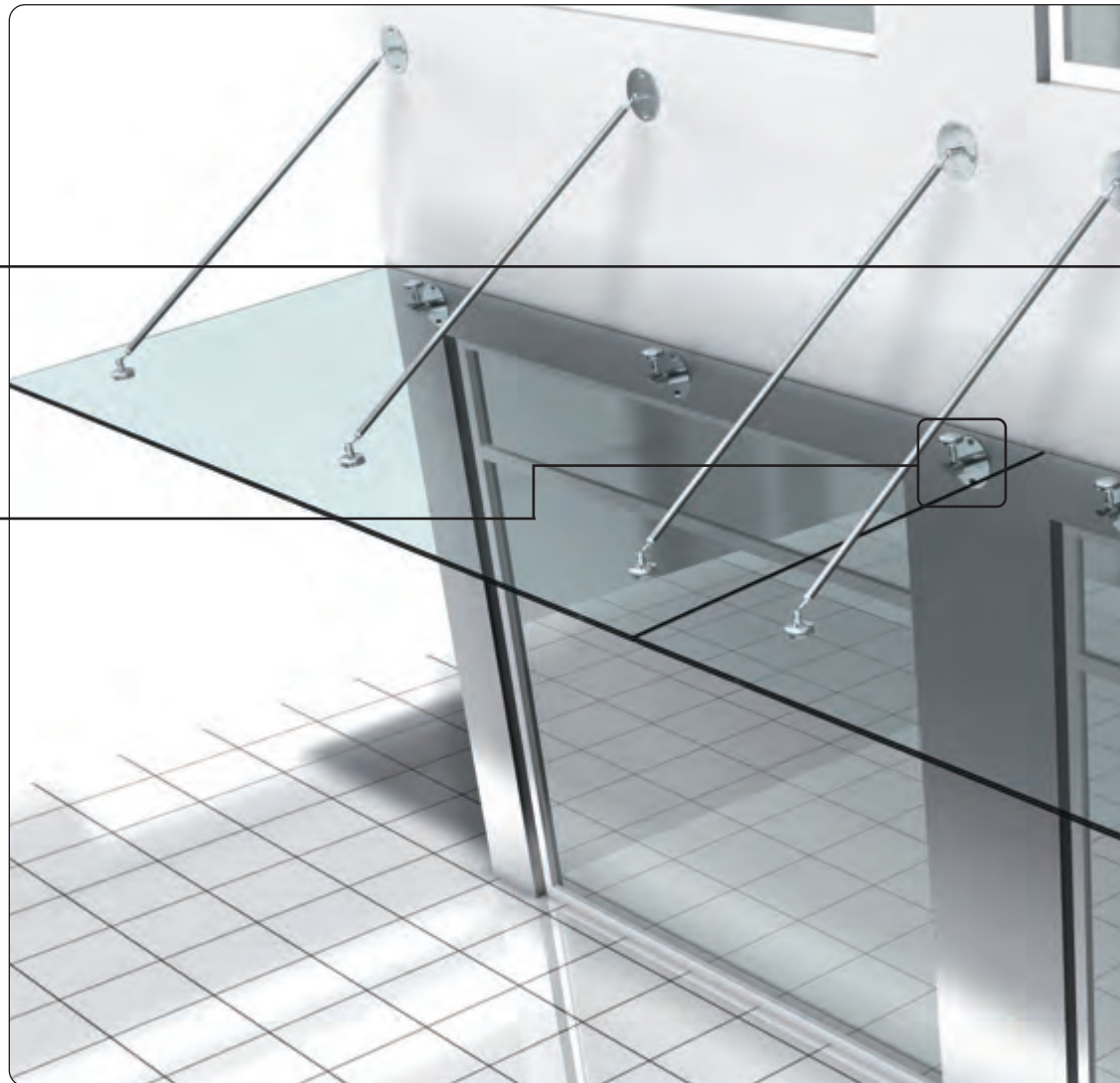
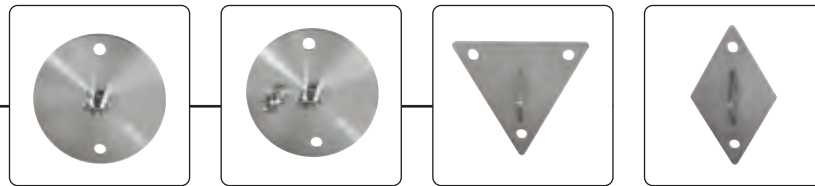


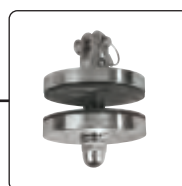
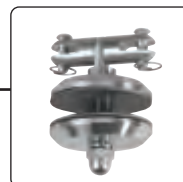
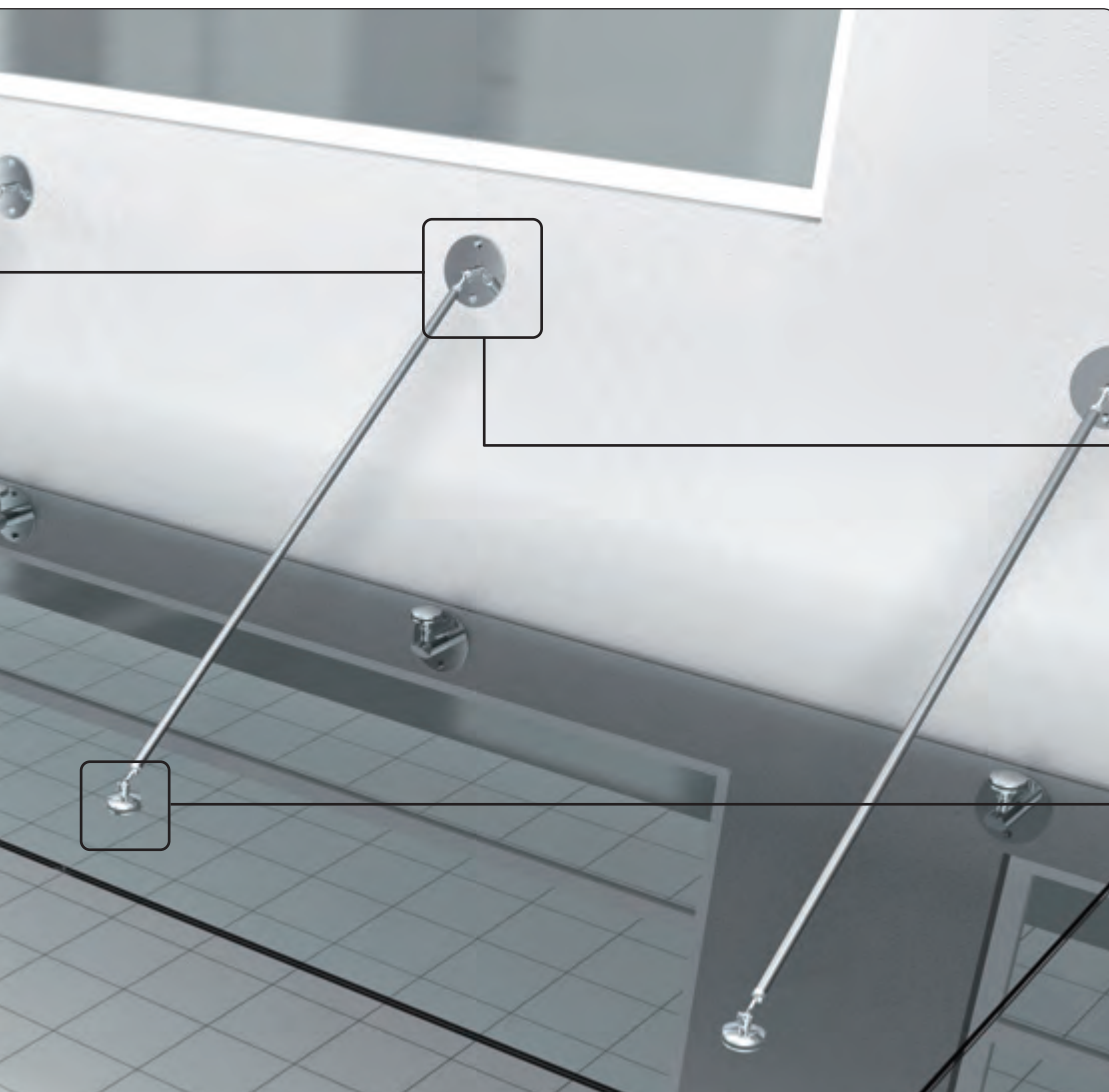
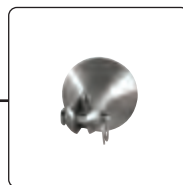
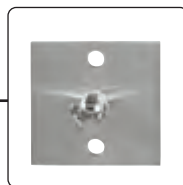
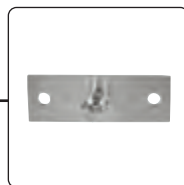
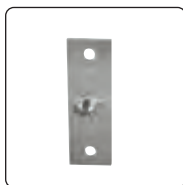


■ Vordach-Sets | canopies sets



Systematik + Kombinationsmöglichkeiten | systematics + combination possibilities | AbZ Z-70.3-85



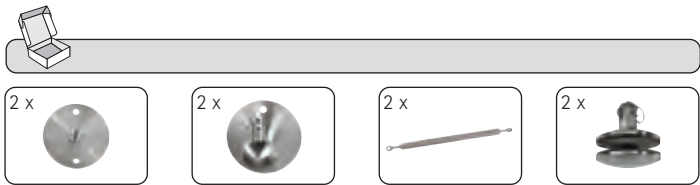




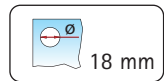
■ Set Basic | AbZ Z-70.3-85



Max. Glasmaße abhängig von Belastung, Beispiele und Bemessungsdiagramme ab Seite 340 | max. glass dimensions depending on the load, examples and dimensioning tables from page 340 onwards



Set 13194500-12	13,52 mm
Set 13194500-16	17,52 mm
Set 13194500-20	21,52 mm
Set 13194500-24	25,52 mm





■ Set Basic | AbZ Z-70.3-85




3 x

3 x

3 x

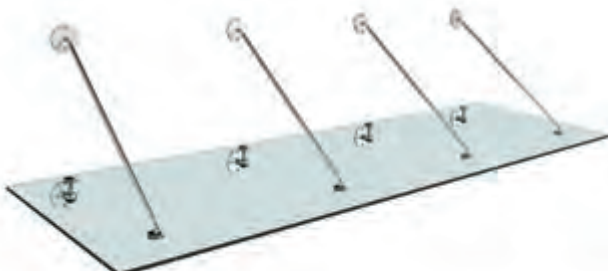
3 x

3 x

18 mm



Set 13194400-16	17,52 mm
Set 13194400-20	21,52 mm
Set 13194400-24	25,52 mm




4 x

4 x

4 x

4 x

4 x

18 mm



Set 13191300-16	17,52 mm
Set 13191300-20	21,52 mm
Set 13191300-24	25,52 mm




2 x

3 x

4 x

2 x

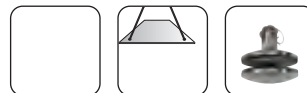
3 x

1 x

18 mm



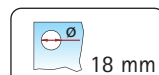
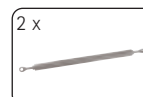
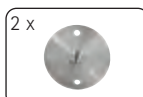
Set 13194800-16	17,52 mm
Set 13194800-20	21,52 mm
Set 13194800-24	25,52 mm



■ Set Basic A4 | AbZ Z-70.3-85



Max. Glasmaße abhängig von Belastung, Beispiele und Bemessungsdiagramme ab Seite 340 | max. glass dimensions depending on the load, examples and dimensioning tables from page 340 onwards

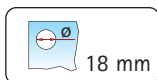
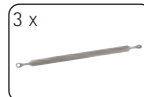
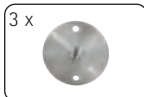


Set 13194550-12	13,52 mm
Set 13194550-16	17,52 mm
Set 13194550-20	21,52 mm
Set 13194550-24	25,52 mm



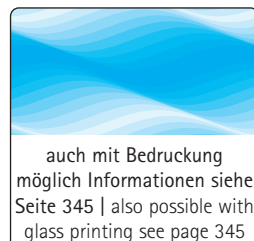
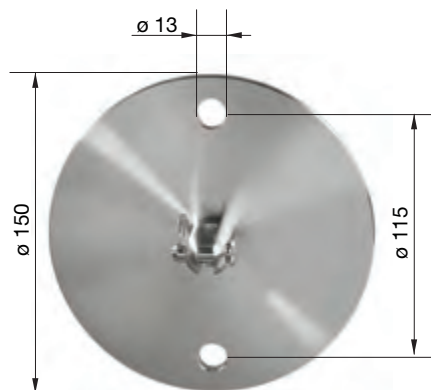
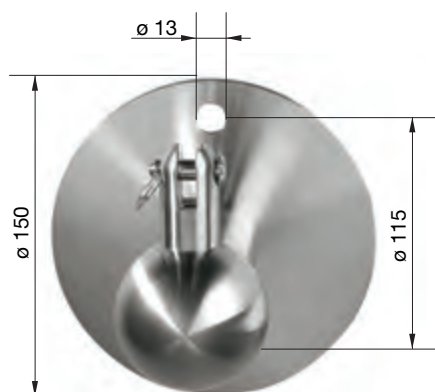


■ Set Basic A4 | AbZ Z-70.3-85



Set 13194450-16	17,52 mm
Set 13194450-20	21,52 mm
Set 13194450-24	25,52 mm

Wandflansche Basic | wall flange Basic





■ Set Triangle | AbZ Z-70.3-85



Max. Glasmaße abhängig von Belastung, Beispiele und Bemessungsdiagramme ab Seite 340 | max. glass dimensions depending on the load, examples and dimensioning tables from page 340 onwards

2 x

2 x

2 x

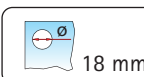
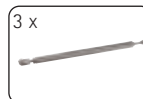
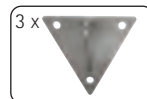
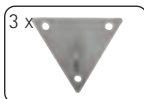
4 x

Set 13185500-12	13,52 mm
Set 13185500-16	17,52 mm
Set 13185500-20	21,52 mm
Set 13185500-24	25,52 mm



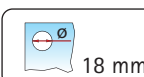
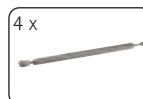
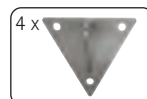
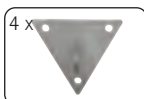
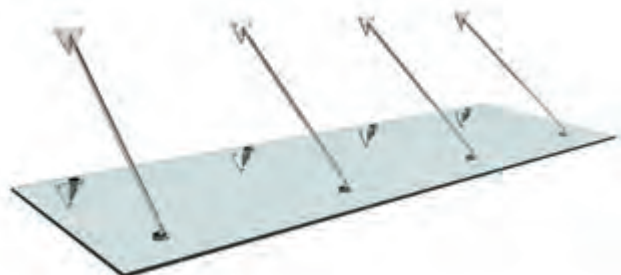


■ Set Triangle | AbZ Z-70.3-85



18 mm

Set 13185400-16	17,52 mm
Set 13185400-20	21,52 mm
Set 13185400-24	25,52 mm

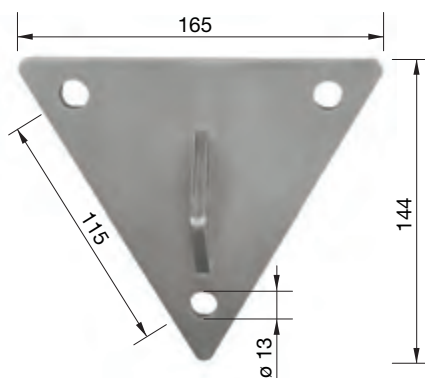
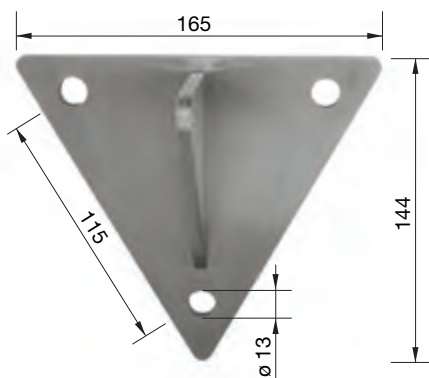


18 mm

Set 13185300-16	17,52 mm
Set 13185300-20	21,52 mm
Set 13185300-24	25,52 mm



Wandflansche Triangle | wall flange Triangle



Pflegeprodukte Seite
treatment products 608-615
Pflegeinfo Seite | treatment
instructions 621-622

auch mit Bedruckung
möglich Informationen siehe
Seite 345 | also possible with
glass printing see page 345





■ Set Diamond | AbZ Z-70.3-85



Max. Glasmaße abhängig von Belastung, Beispiele und Bemessungsdiagramme ab Seite 340 | max. glass dimensions depending on the load, examples and dimensioning tables from page 340 onwards





2 x



2 x



2 x



4 x

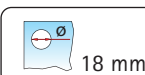
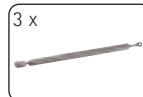


Set 13186500-12	13,52 mm
Set 13186500-16	17,52 mm
Set 13186500-20	21,52 mm
Set 13186500-24	25,52 mm

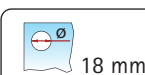
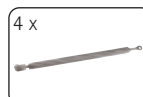
 18 mm



■ Set Diamond | AbZ Z-70.3-85



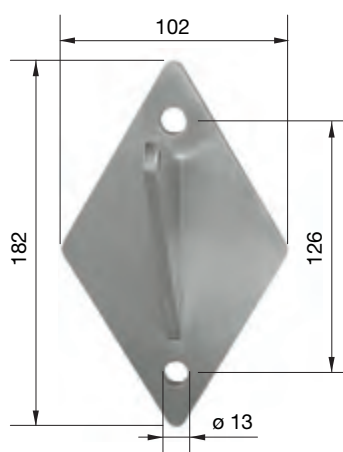
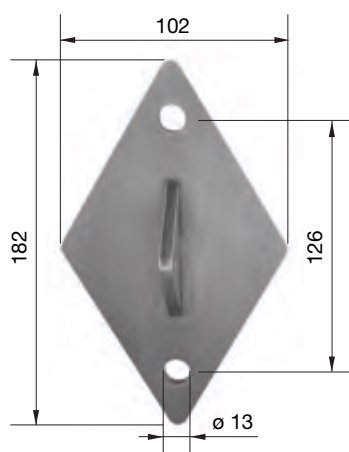
Set 13186400-16	17,52 mm
Set 13186400-20	21,52 mm
Set 13186400-24	25,52 mm



Set 13186300-16	17,52 mm
Set 13186300-20	21,52 mm
Set 13186300-24	25,52 mm



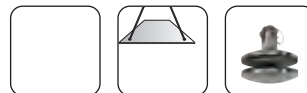
Wandflansche Diamond | wall flanges Diamond



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Pflegeinfo Seite | treatment
instructions 621-622

auch mit Bedruckung
möglich Informationen siehe
Seite 345 | also possible with
glass printing see page 345





■ Set Pfosten/Riegel | AbZ Z-70.3-85



Max. Glasmaße abhängig von Belastung, Beispiele und Bemessungsdiagramme ab Seite 340 | max. glass dimensions depending on the load, examples and dimensioning tables from page 340 onwards





2 x



2 x



2 x



2 x



2 x



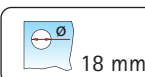
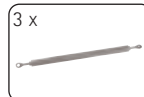
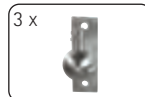
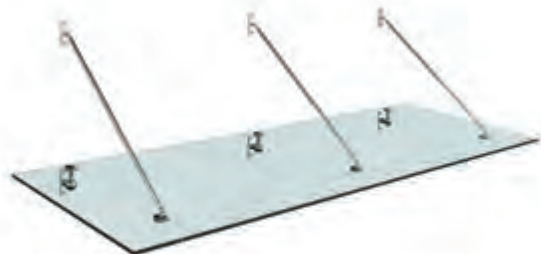
	
Set 13195500-12	13,52 mm
Set 13195500-16	17,52 mm
Set 13195500-20	21,52 mm
Set 13195500-24	25,52 mm

 18 mm

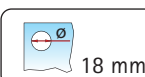
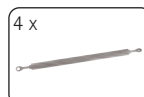
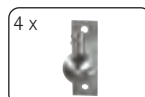




■ Set Pfosten/Riegel | AbZ Z-70.3-85



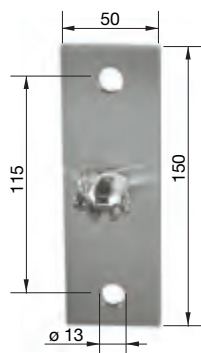
Set 13195400-16	17,52 mm
Set 13195400-20	21,52 mm
Set 13195400-24	25,52 mm



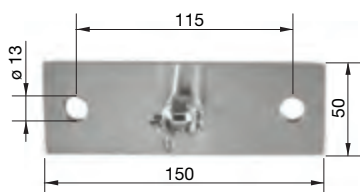
Set 13195300-16	17,52 mm
Set 13195300-20	21,52 mm
Set 13195300-24	25,52 mm



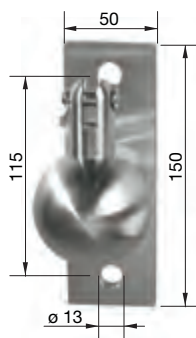
Wandflansche Pfosten/Riegel | wall flanges post/beam



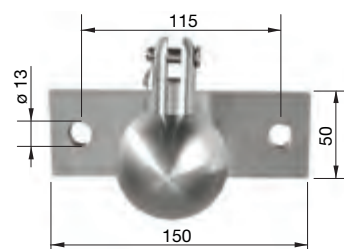
vertikal | vertical



horizontal



vertikal | vertical



horizontal





■ Set Informo | AbZ Z-70.3-85



Max. Glasmaße abhängig von Belastung, Beispiele und Bemessungsdiagramme ab Seite 340 | max. glass dimensions depending on the load, examples and dimensioning tables from page 340 onwards





4 x 

2 x 

2 x 

2 x 

 18 mm

	
Set 13198500-12	13,52 mm
Set 13198500-16	17,52 mm
Set 13198500-20	21,52 mm
Set 13198500-24	25,52 mm





■ Set Informo | AbZ Z-70.3-85





6 x



3 x



3 x



3 x





18 mm

Set 13198400-16	17,52 mm
Set 13198400-20	21,52 mm
Set 13198400-24	25,52 mm





8 x



4 x



4 x



4 x

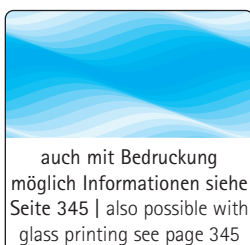
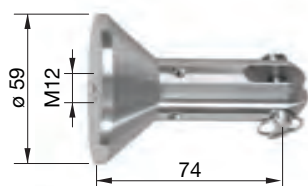


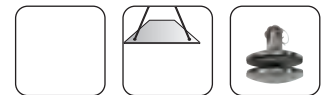


18 mm

Set 13198800-16	17,52 mm
Set 13198800-20	21,52 mm
Set 13198800-24	25,52 mm

Wandflansch Informo | wall flange Informo

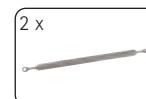
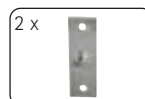
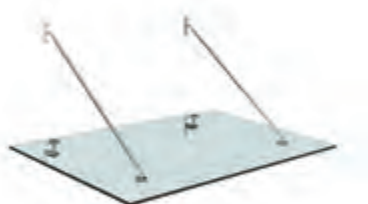




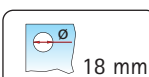
■ Set Basic II | AbZ Z-70.3-85



Max. Glasmaße abhängig von Belastung, Beispiele und Bemessungsdiagramme ab Seite 340 | max. glass dimensions depending on the load, examples and dimensioning tables from page 340 onwards

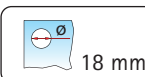
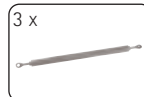
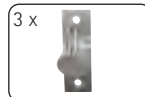
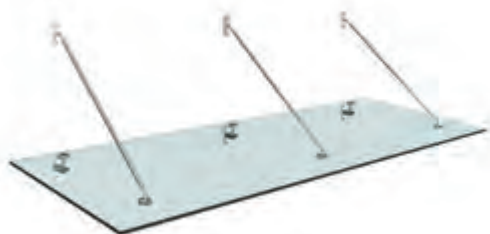


Set 13196500-V-12/-H-12	13,52 mm
Set 13196500-V-16/-H-16	17,52 mm
Set 13196500-V-20/-H-20	21,52 mm
Set 13196500-V-24/-H-24	25,52 mm



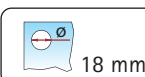
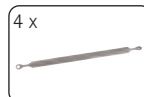
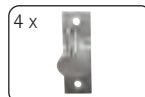


■ Set Basic II | AbZ Z-70.3-85



18 mm

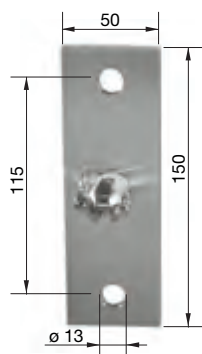
Set 13196400-V-16/-H-16	17,52 mm
Set 13196400-V-20/-H-20	21,52 mm
Set 13196400-V-24/-H-24	25,52 mm



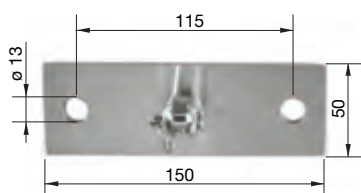
18 mm

Set 13196300-V-16/-H-16	17,52 mm
Set 13196300-V-20/-H-20	21,52 mm
Set 13196300-V-24/-H-24	25,52 mm

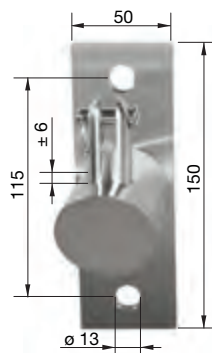
Wandflansche Basic II | wall flanges Basic II



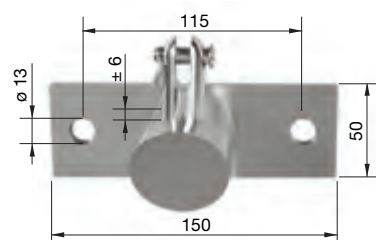
vertikal | vertical



horizontal



vertikal | vertical



horizontal

Höhenverstellung von ± 6 mm | height adjustable ± 6 mm





■ Set Quadro | AbZ Z-70.3-85



Max. Glasmaße abhängig von Belastung, Beispiele und Bemessungsdiagramme ab Seite 340 | max. glass dimensions depending on the load, examples and dimensioning tables from page 340 onwards





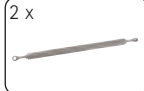
2 x



2 x



2 x



4 x



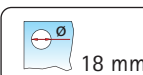
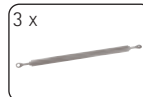
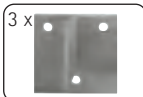


18 mm

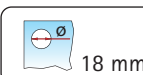
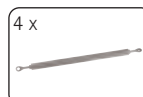
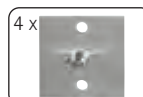
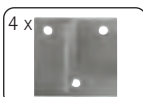
Set 13172500-12	13,52 mm
Set 13172500-16	17,52 mm
Set 13172500-20	21,52 mm
Set 13172500-24	25,52 mm



■ Set Quadro | AbZ Z-70.3-85



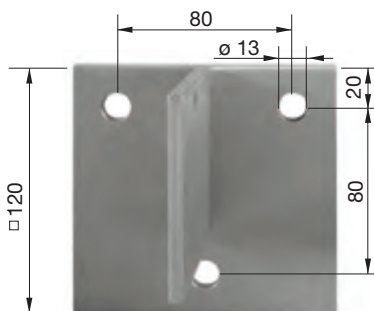
Set 13172400-16	17,52 mm
Set 13172400-20	21,52 mm
Set 13172400-24	25,52 mm



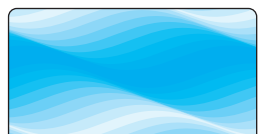
Set 13172600-16	17,52 mm
Set 13172600-20	21,52 mm
Set 13172600-24	25,52 mm



Wandflansche Quadro | wall flanges Quadro



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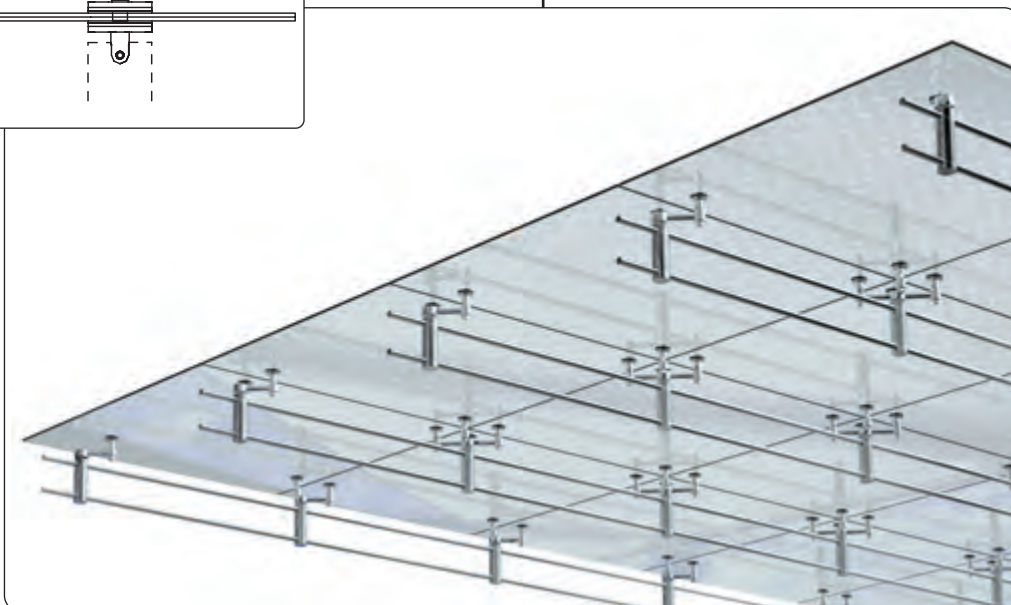
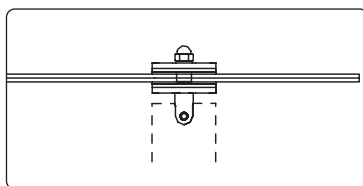


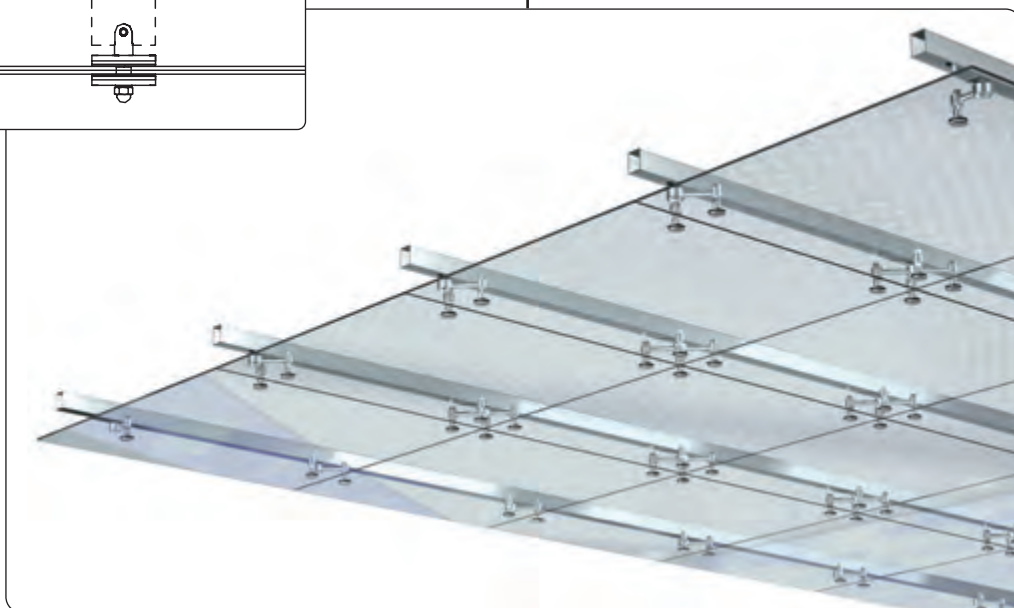
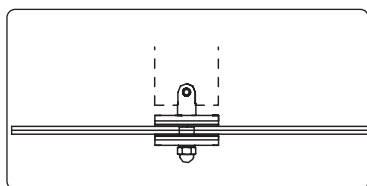
auch mit Bedruckung
möglich Informationen siehe
Seite 345 | also possible with
glass printing see page 345





Systematik + Kombinationsmöglichkeiten | systematics + combination possibilities | AbZ Z-70.3-74



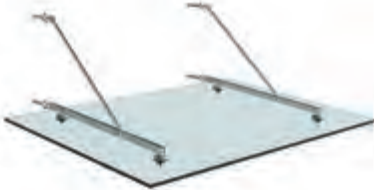




■ Set Tec | AbZ Z-70.3-74



Max. Glasmaße abhängig von Belastung
max. glass dimensions depending on the load.





2 x



2 x



4 x



4 x



Auslaufmodell | discontinued model

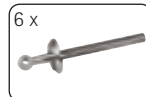
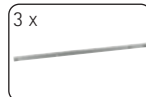
 18 mm

Set 13187500-12	13,52 mm
Set 13187500-16	17,52 mm
Set 13187500-20	21,52 mm
Set 13187500-24	25,52 mm

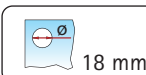




■ Set Tec | AbZ Z-70.3-74

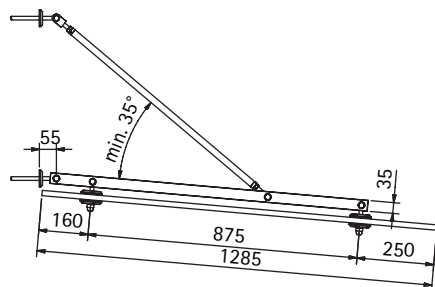


Auslaufmodell | discontinued model

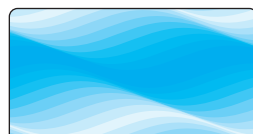


18 mm

Set 13187400-16	17,52 mm
Set 13187400-20	21,52 mm
Set 13187400-24	25,52 mm

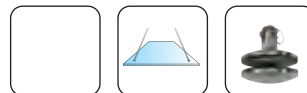


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auch mit Bedruckung
möglich Informationen siehe
Seite 345 | also possible with
glass printing see page 345

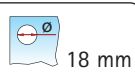
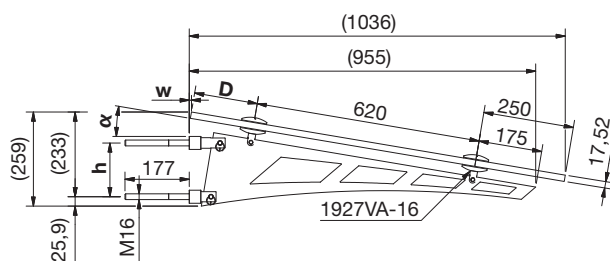




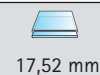
■ Set Schwert | AbZ Z-70.3-74



Max. Glasmaße abhängig von Belastung
max. glass dimensions depending on the load.

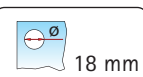
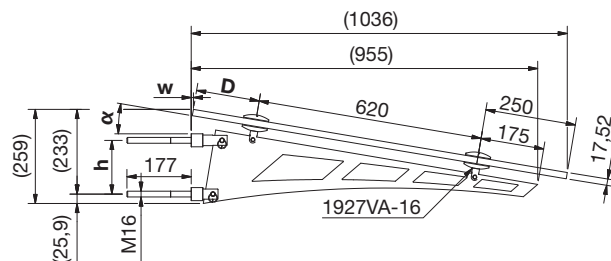
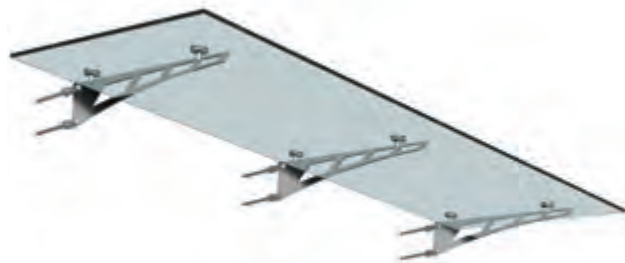


Set 13931800





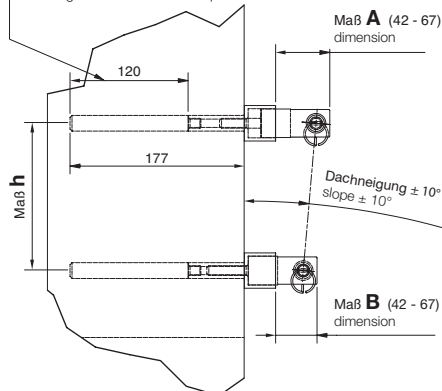
■ Set Schwert | AbZ Z-70.3-74



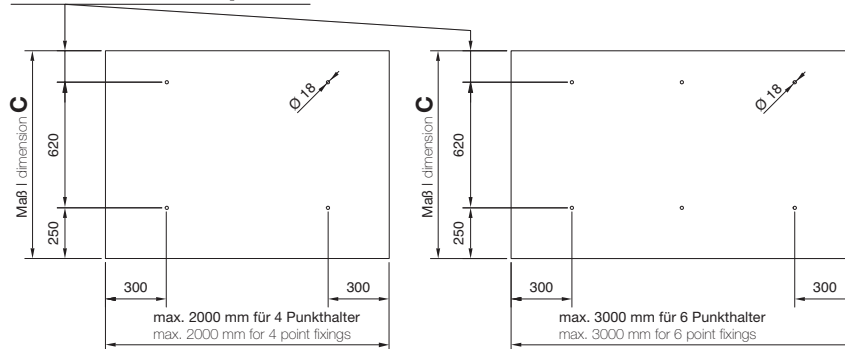
Set 13931900

17,52 mm

andere Längen auf Anfrage
other lengths are available on request



Maß I dimension D
Randabstand hinten | backward edge distance

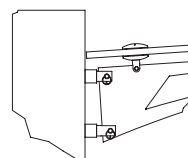
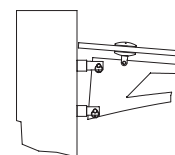


Dachneigung + | slope +

Maß A dimension A	42	47	52	57	62	67
Maß B dimension B	42	42	42	42	42	42
Maß h dimension h	150	150	150	150	149	148
Maß w dimension w	10	10	10	10	10	10
α Dachneigung slope	0°	2°	4°	6°	8°	10°
Maß C (Ausladung) dimension C (outspan)	1003	1010	1017	1024	1031	1038
Maß D (Randabstand) dimension D (edge distance)	133	140	147	154	161	168

Dachneigung - | slope -

Maß A dimension A	42	42	42	42	42	42
Maß B dimension B	42	47	52	57	62	67
Maß h dimension h	150	150	150	150	149	148
Maß w dimension w	10	10	10	10	10	10
α Dachneigung slope	0°	2°	4°	6°	8°	10°
Maß C (Glastiefe) dimension C (glass width)	1003	1001	998	996	994	992
Maß D (Randabstand) dimension D (edge distance)	133	131	128	126	124	122

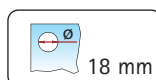
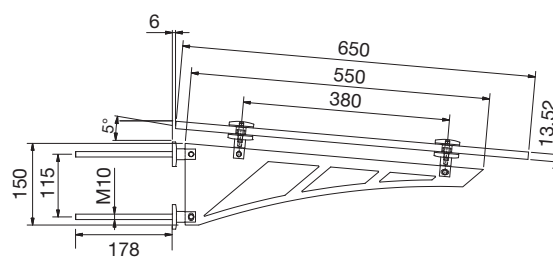




■ Set Schwert II | ZiE



Max. Glasmaße abhängig von Belastung
max. glass dimensions depending on the load.



Set 13005100

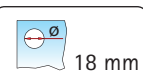
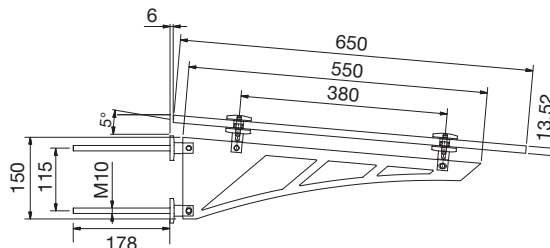
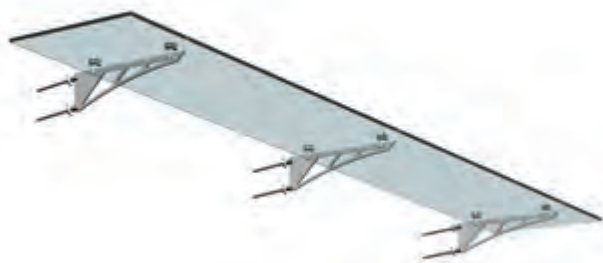


13,52 mm



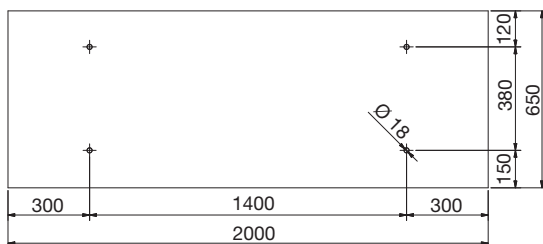


■ Set Schwert II | ZiE

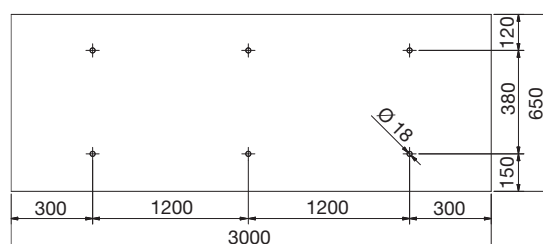


Set 13005200

13,52 mm



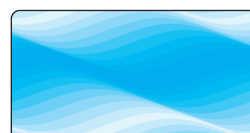
Set 13005100



Set 13005200



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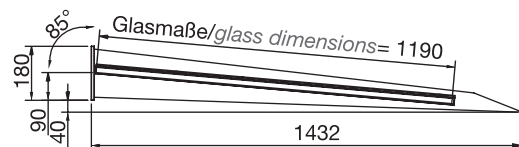
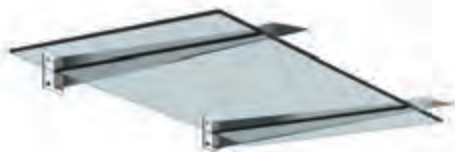
auch mit Bedruckung
möglich Informationen siehe
Seite 345 | also possible with
glass printing see page 345



■ Set King I | TRLV



Max. Glasmaße abhängig von Belastung, Beispiele und Bemessungsdiagramme ab Seite 356 | max. glass dimensions depending on the load, examples and dimensioning tables from page 356 onwards



Glasmaße | glass dimensions
1800 x 1190 mm



Set 13000600

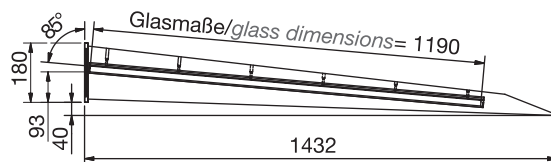
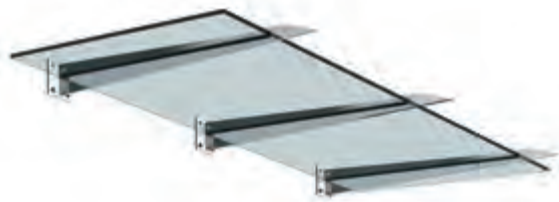


16,76mm





■ Set King I | TRLV



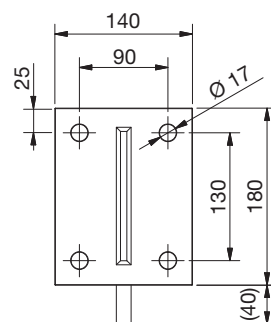
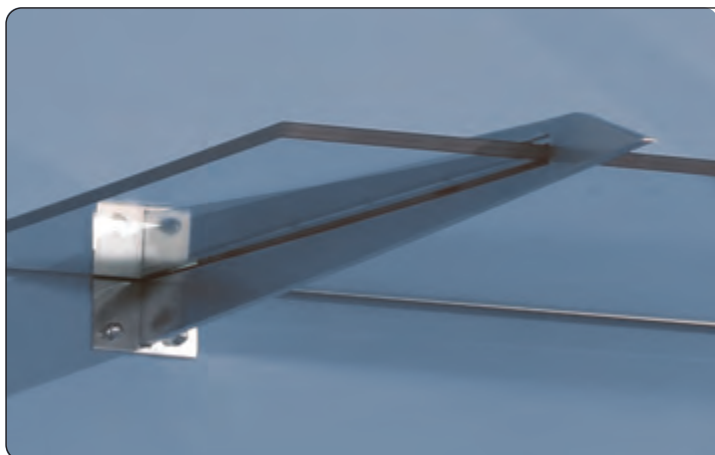
Glasmaße | glass dimensions
3000 x 1190 mm



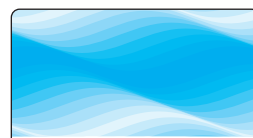
Set 13000700



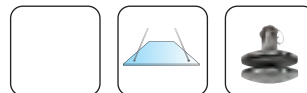
16,76 mm



Pflegeprodukte Seite
treatment products 608-615
Pflegeinfo Seite | treatment
instructions 621-622



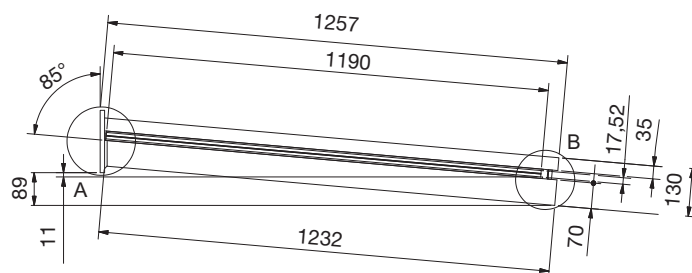
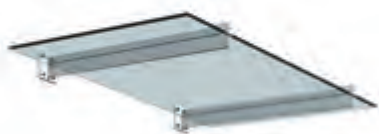
auch mit Bedruckung
möglich Informationen siehe
Seite 345 | also possible with
glass printing see page 345



■ Set King II | TRLV



Max. Glasmaße abhängig von Belastung, Beispiele und Bemessungsdiagramme ab Seite 356 | max. glass dimensions depending on the load, examples and dimensioning tables from page 356 onwards



Glasmaße | glass dimensions
1800 x 1190 mm



Set 13000800

17,52 mm





■ Set Appunto | ZiE



Max. Glasmaße ab Seite 358 | max. glass dimensions from page 358 onwards



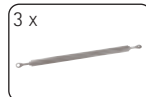
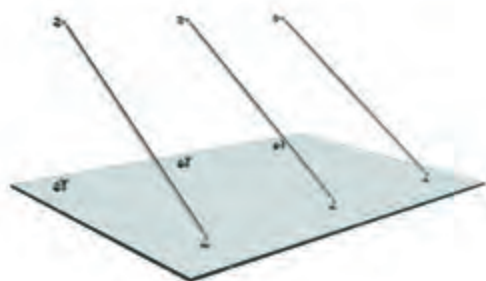
Set 13004400

13,52 mm
17,52 mm
21,52 mm





■ Set Appunto | ZiE



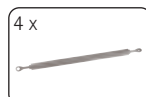
Set 13004500



13,52 mm

17,52 mm

21,52 mm



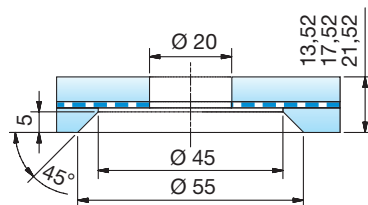
Set 13004600



13,52 mm

17,52 mm

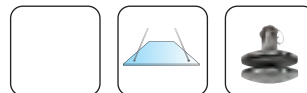
21,52 mm



Durch die Klemmung der oberen Glasscheibe inklusive der PVB-Folie kann eine sehr gute Resttragfähigkeit erzielt werden. Lediglich die zweite, untere Glasscheibe des VSG wird mit einer Senkung versehen. Diese wird nun durch den Senkkopf formschlüssig und durch die PVB-Folie im Verbund zur ersten Glasscheibe gehalten. Die PVB-Folie dient als tragendes Element.

Excellent residual load-bearing capacity can be obtained by clamping the upper glass panel and PVB film. Only the second, lower LSG panel is equipped with a countersink. The glass is then positively supported by the countersink fixture and the PVB film interconnected to the first glass panel. The PVB film acts as the load-bearing element.

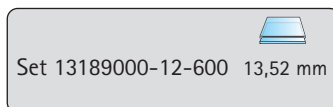
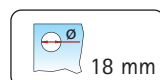
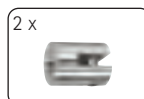
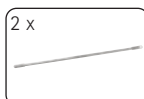
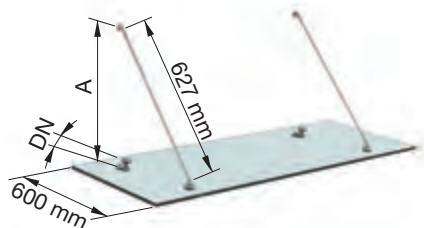




■ Set 1890VA | ZiE

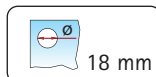
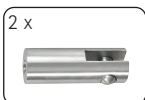
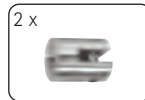
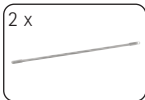
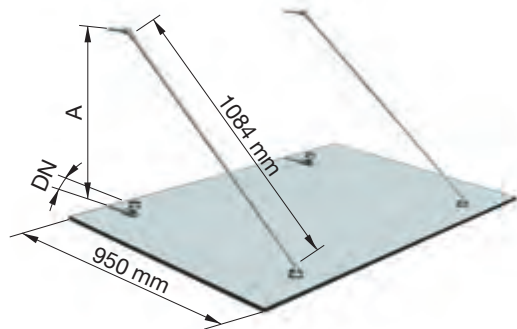


Max. Glasmaße abhängig von Belastung, Beispiele und Bemessungsdiagramme ab Seite 360 | max. glass dimensions depending on the load, examples and dimensioning tables from page 360 onwards





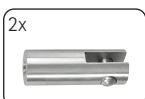
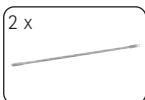
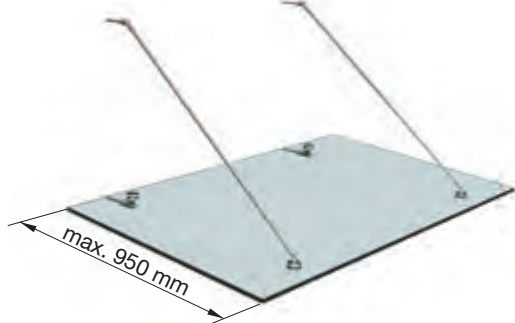
■ Set 1890VA | ZiE



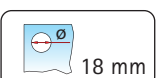
Set 13189000-12-950 13,52 mm

Set 13189050-12-950 13,52 mm

Set Art. Nr.	Dachneigung (DN) slope (DN)	Einbauhöhe Mitte-Mitte (A) installation height centre-centre(A)	Dachneigung (DN) slope (DN)	Einbauhöhe Mitte-Mitte (A) installation height centre-centre(A)
Set 13189000-12-600	5°	436 mm	10°	395 mm
Set 13189000-12-950	5°	700 mm	10°	632 mm
Set 13189050-12-950	5°	700 mm	10°	632 mm



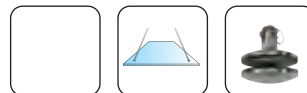
Zugstange variabel
tension rod variable



Set 13189000-12 13,52 mm

Set 13189050-12 13,52 mm

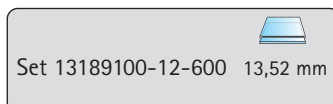
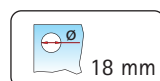
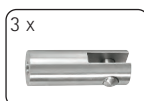
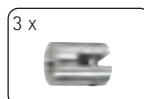
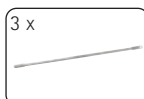
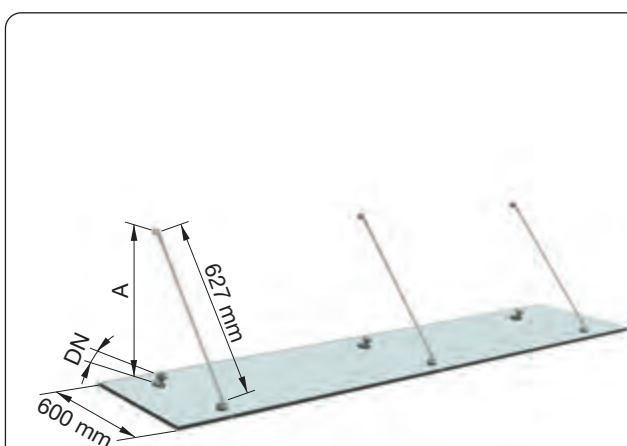




■ Set 1891VA | ZiE



Max. Glasmaße abhängig von Belastung, Beispiele und Bemessungsdiagramme ab Seite 360 | max. glass dimensions depending on the load, examples and dimensioning tables from page 360 onwards





■ Set 1891VA | ZiE

950 mm

1084 mm

DN

A

3 x

3 x

3 x

3 x

3 x

Set 13189100-12-950 13,52 mm

Set 13189150-12-950 13,52 mm

18 mm

Set Art. Nr.	Dachneigung (DN) slope (DN)	Einbauhöhe Mitte-Mitte (A) installation height centre-centre (A)	Dachneigung (DN) slope (DN)	Einbauhöhe Mitte-Mitte (A) installation height centre-centre (A)
Set 13189100-12-600	5°	436 mm	10°	395 mm
Set 13189100-12-950	5°	700 mm	10°	632 mm
Set 13189150-12-950	5°	700 mm	10°	632 mm

max. 950 mm

3 x

3 x

3 x

3 x

3 x

Zugstange variabel
tension rod variable

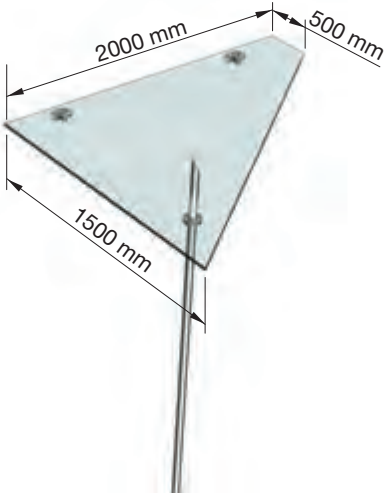
Set 13189100-12 13,52 mm

Set 13189150-12 13,52 mm

18 mm



■ Set Zimento | ZiE



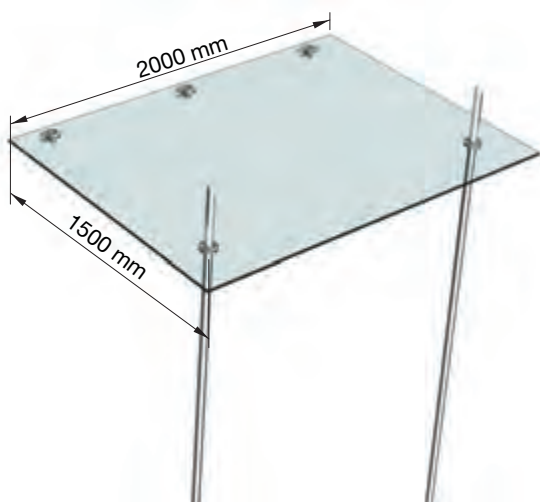
Set 13199500

17,52 mm





■ Set Zigmento 2 Stützen | 2 posts | ZiE



3 x



2 x



3 x



Set 13199800

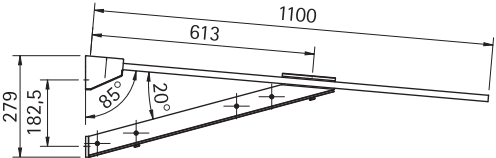
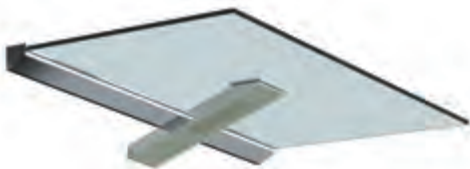


17,52 mm





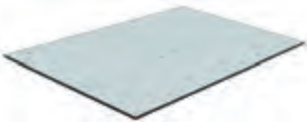
■ Set Sera I | ZiE



Set 13170200



17,52 mm



Preis auf Anfrage | price on request

Glasmaße | glass dimensions
1595 x 1100 mm

13170200-31GLAS



17,52 mm





■ Set Alto II | ZiE

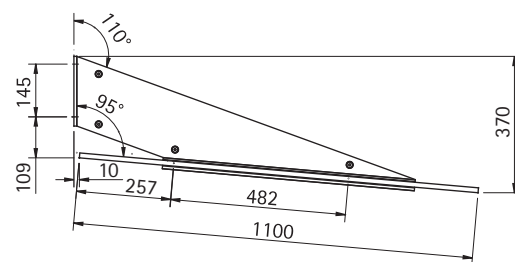
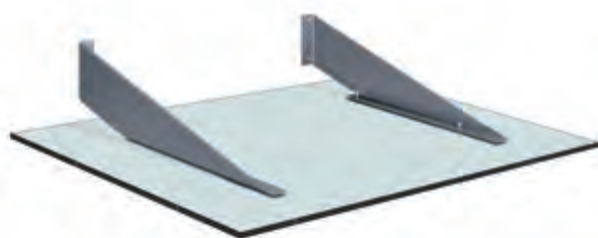


TRLV

Versuchs-
bericht
vorhanden

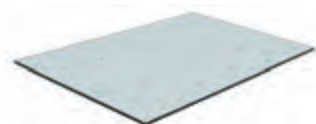
Statik
vorhanden

Mögliche Varianten S. 361
possible variations page 361



Set 13170400

13,52 mm



Preis auf Anfrage | price on request

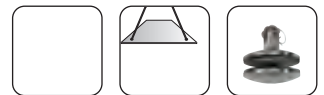
Glasmaße | glass dimensions

1600 x 1100 mm

13170400-17GLAS

13,52 mm

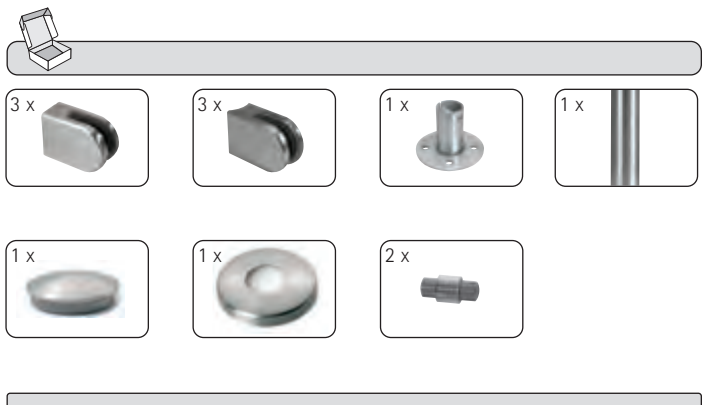
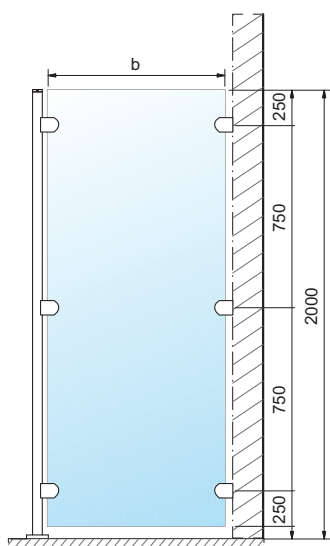




■ Set Windfang | windscreen



Statikinfo zu diesem Set S. 347
statics information for this set pg. 347



Set 13943600

8-12 mm

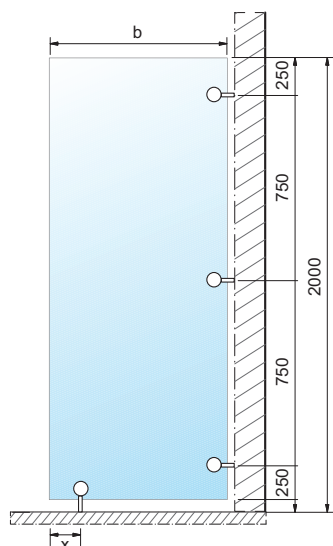




■ Set Windfang | windscreen



Statikinfo zu diesem Set S. 347
statics information for this set pg. 347



4 x



technische Informationen zu diesem Produkt S. 437
technical informations for this product pg. 437

13943700

8-12 mm

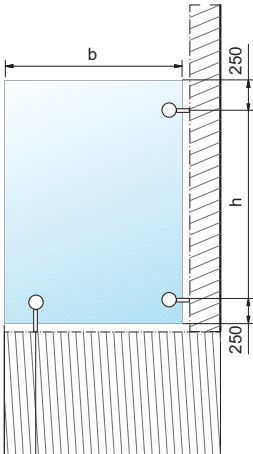




■ Set Windfang | windscreen



Statikinfo zu diesem Set S. 347
statics information for this set pg. 347



technische Informationen zu diesem Produkt S. 437
technical informations for this product pg. 437

13943800

8-12 mm





■ Anwendungen Windfang | applications windscreen



mit Rahmen und 6 Punkthaltern | with frame and 6 point fixings



mit 5 Punkthaltern | with 5 point fixings



mit Rahmen und 4 Punkthaltern | with frame and 4 point fixings



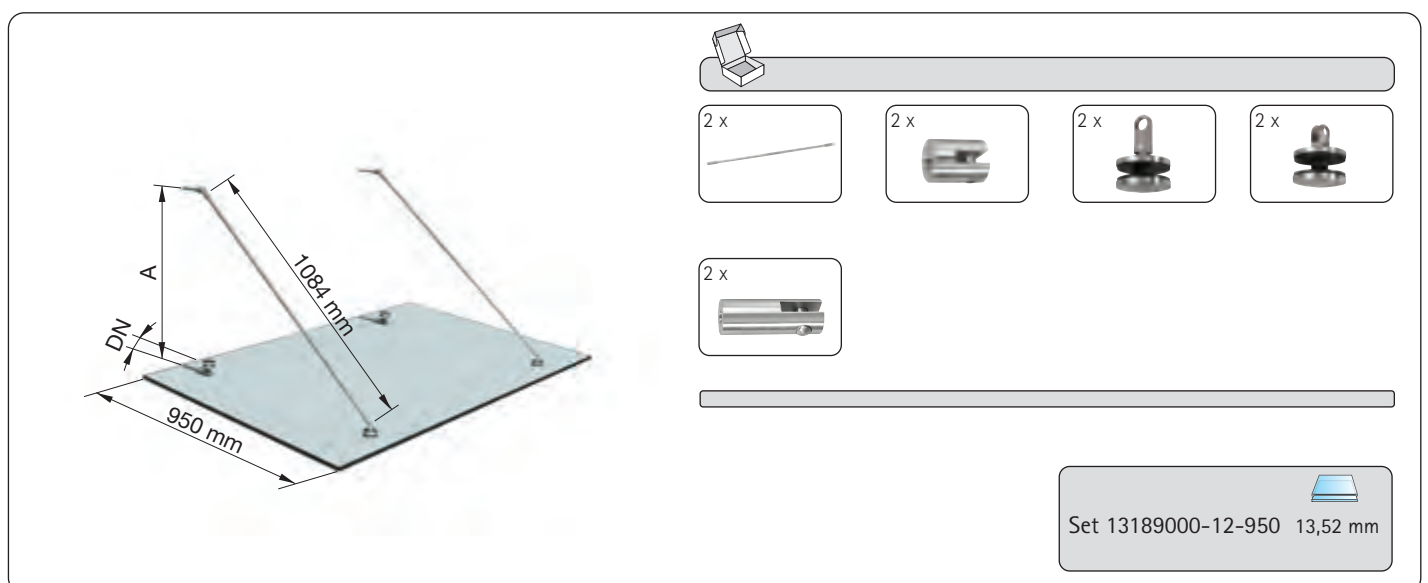
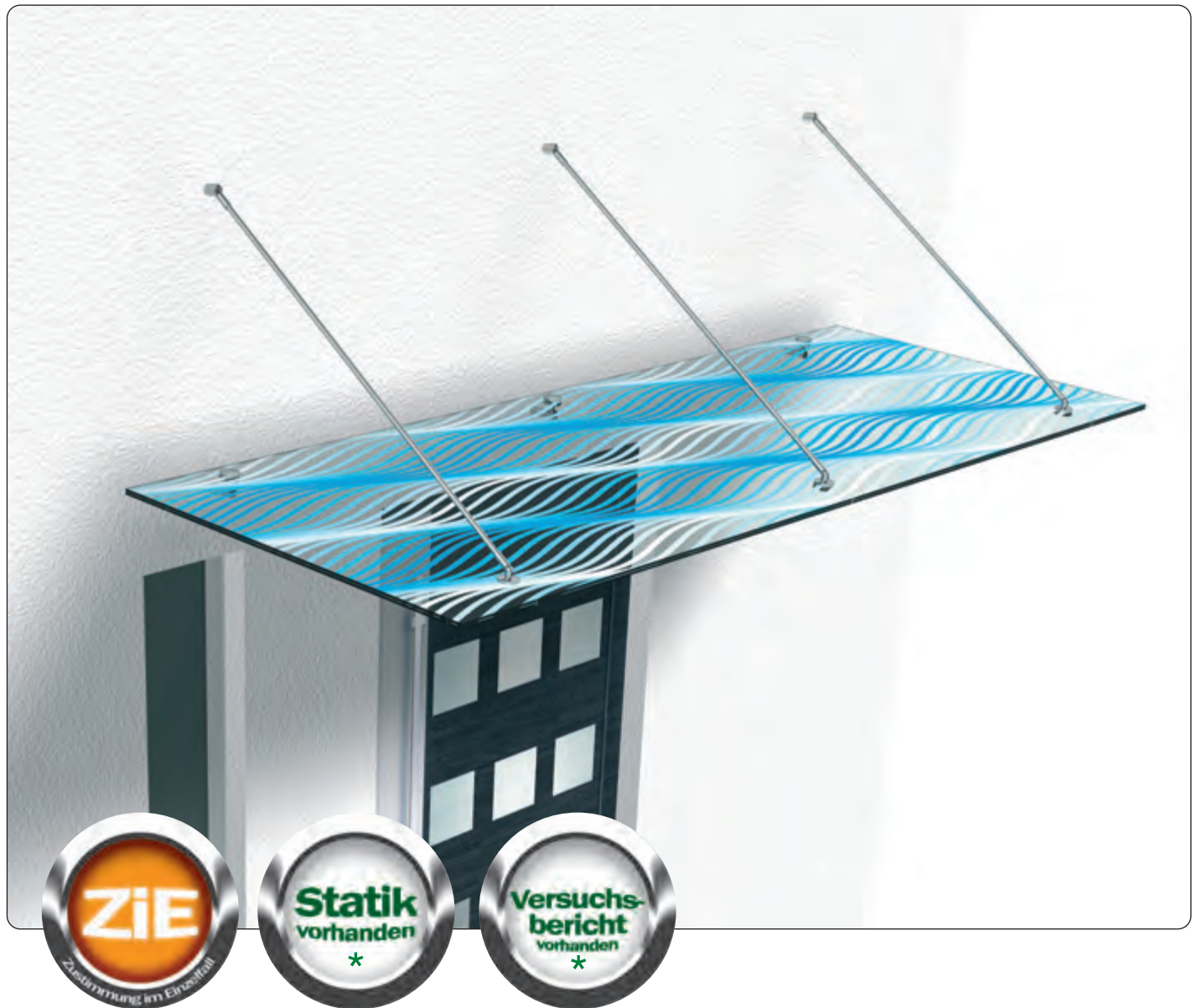
Variante mit Profilbefestigung – technische Informationen auf Seite 521
Variation with profile fixation – technical information on page 521



mit Rahmenkonstruktion
und Punkthaltern
with frame construction
and point fixings



■ Set Glasbedruckung | glass printing



*In Abhängigkeit von dem jeweiligen Druckverfahren | *depending on the respective printing method





■ Gestalteter Wetterschutz | creatively designed weather protection

Bedruckte Vordächer schaffen Atmosphäre, werten das Gebäude auf und dienen im Eingangsbereich als echtes Schmuckelement. Dieses Thema ist über die AbZ bei den Top-Connect Vordächern geregelt. Es sind bei der Bedruckung von Vordächern bestimmte nicht bedruckbare Bereiche einzuhalten.

Printings on canopies add atmosphere, increase a building's value and make the entrance area a really decorative element. This topic is regulated for Top Connect canopies in the national technical approval (AbZ). When adding print effects to canopies, certain areas should not be printed on.

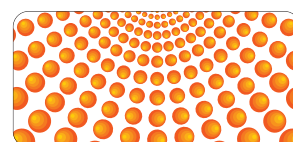


Motiv Firmenlogo

■ Möglichkeiten + Technik | possibilities and technology

Um die Transparenz zu verringern, aus gestalterischen Gründen oder zur Erhöhung der Rutschsicherheit kann die Scheibenoberfläche ganzflächig oder individuell mittels Siebdrucktechnik farblich gestaltet werden. Neben der Siebdrucktechnik stehen mittlerweile - insbesondere für Einzelanfertigungen - Großformatdrucker zur Verfügung. In der Regel werden die Farben im Vorspannofen durch Erhitzung auf der Oberfläche dauerhaft fixiert (Emaillierung). Die Emaillierung wirkt sich festigkeitsreduzierend für das Glas aus. Dieses ist durch die AbZ abgedeckt, wenn der gekennzeichnete Bereich (siehe Seite 345) nicht emailliert ist. Eine Alternative zur Emaillierung bietet die farbige oder bedruckte PVB-Folie (durch AbZ abgedeckt - bei geforderten Eigenschaften der Folie). Oder gewinnen Sie gleich Energie für Ihre Außenbeleuchtung mit einlaminieren PV-Zellen.

The surface of the panels can be individually or completely coloured using screen printing in order to reduce transparency, for design reasons or to reduce the risk of people slipping. Besides screen printing, large-format printers are also now available, especially for one-off jobs. Normally, the colours are permanently added in a tempering oven by heating the surface (enamelling). The enamelling process reduces the strength of the glass. This is covered by the national technical approval (AbZ) if the marked area is not enamelled (see drawing above). Coloured or printed PVB film is an alternative to enamelling and is also covered by the national technical approval (AbZ) when the required properties of the film are met (see page 345). Or you can generate energy for your outdoor lighting by using laminated PV cells.



Glas | glass (2 x 6mm TVG), 1600 x 950 mm, 4 Bohrungen | bores

zu Artikel Nr. | for item no.
13189000-12-950



13189000-3GLAS

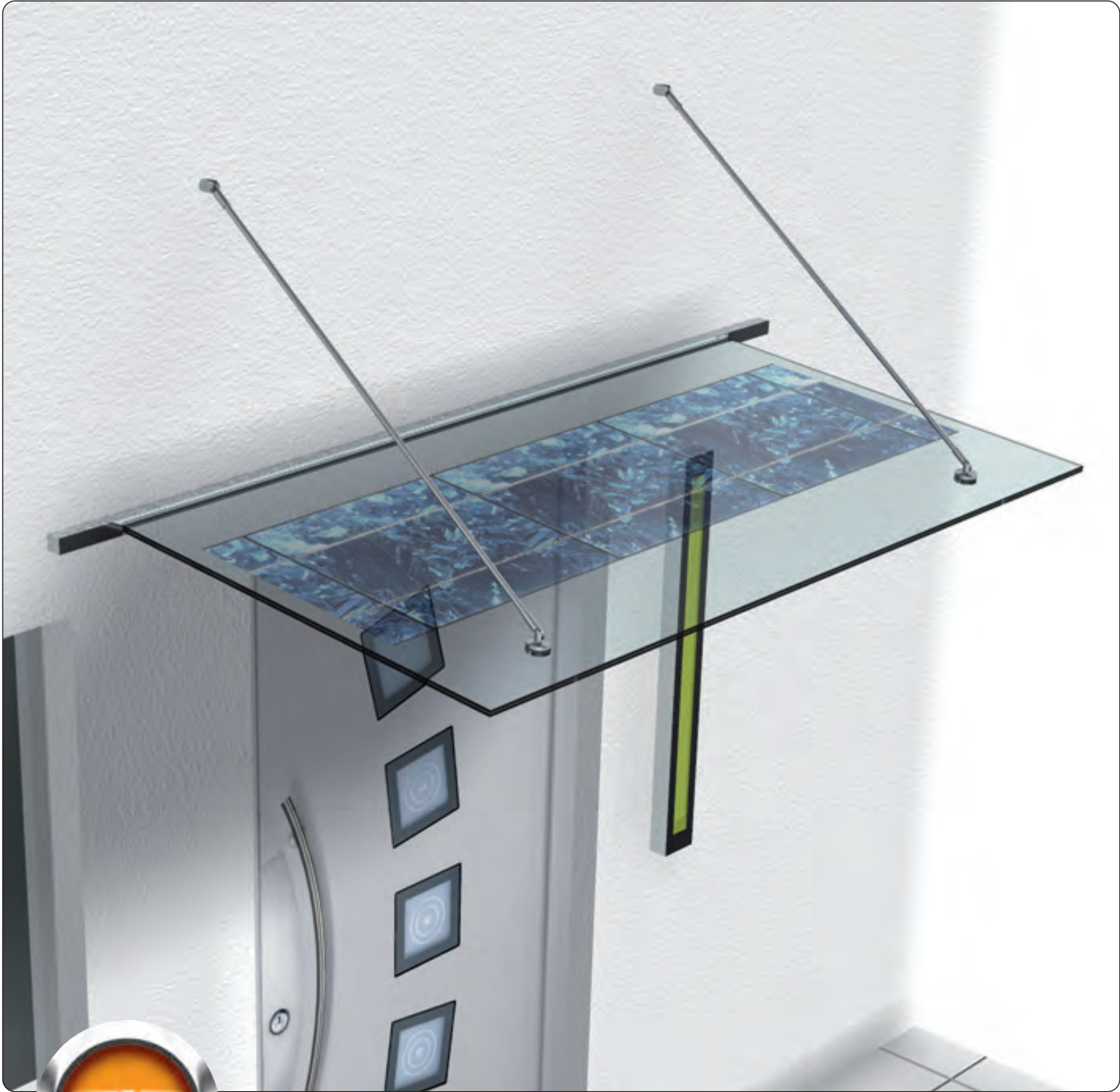
13,52 mm

Bedruckung auf Anfrage | Glass print on demand

Kontaktieren Sie uns! Freie Wahl oder eigenes Design! Wir haben einige Motive zur Auswahl oder wir drucken Ihr Motiv oder Logo. Kosten auf Anfrage. | Contact us! Free choice or own design! We have a number of motifs you can choose from or we can print your motif or logo. Prices on request.



■ Set Solarpanel | solar panel



Informationen auf Anfrage
Information on request





■ Königsweg zum Klimaschutz | the ideal solution for climate protection

Sonnenenergie hat gegenüber allen anderen Formen der Energiegewinnung das mit Abstand positivste Image. Sie ist sauber, innovativ und steht für fortschrittliches Denken. Gebäude mit solarthermischer Energienutzung werden deutlich aufgewertet, und nicht zuletzt macht es auch Spaß zu erleben, wie Solartechnik lautlos, effizient und zuverlässig ihre Arbeit verrichtet. Pauli + Sohn hat nun Punkthalter für alle Arten von Solarplatten entwickelt.

Compared with all other forms of energy generation, solar energy has by far the most positive image. It is clean and innovative and has become synonymous with a progressive way of thinking. The status of buildings with solar thermal energy generation is considerably enhanced and it is also fun to experience how quiet, efficient and reliable solar technology really is. Pauli + Sohn has now developed point fixings for all kinds of solar panels.



■ Zukunft mit Solar | a solar future

Mit dem Unternehmen HUF HAUS hat Pauli + Sohn im Sommer 2008 eine Spezialanfertigung des Punkthalters entwickelt.

So sind in dem neuen Musterhaus die vier Grundpfeiler des Lebens auf rund 700 m² Wohnfläche bis ins kleinste Detail spürbar – von innovativer Technik über die hochwertige Materialauswahl bis zu kunstvollen Dekoobjekten.

So werden wir auch neue Projekte für die Solartechnik entwickeln. Angedacht ist ein Vordach-Set mit Solarpaneelen, einsetzbar für das Sammeln von Energie für die Beleuchtung im Aussenbereich inklusive der Technik im Hintergrund.

Pauli + Sohn developed a special point fixing design with the company HUF HAUS in summer 2008. As a result, the four cornerstones of life can be perceived to the smallest detail over a living area of around 700 m² in the new show house – from innovative technology and high-quality materials to artistic decorations. We are also developing new solar technology projects. A canopy set with solar panels that can be used to gather energy for outdoor lighting, including the technology in the background, is being planned.



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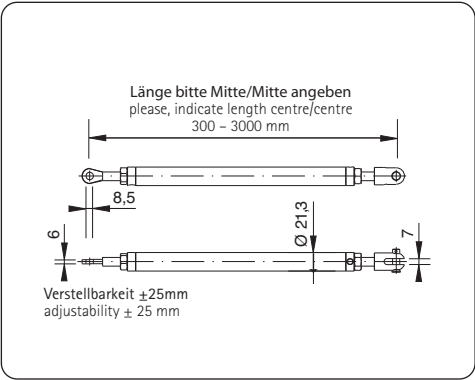
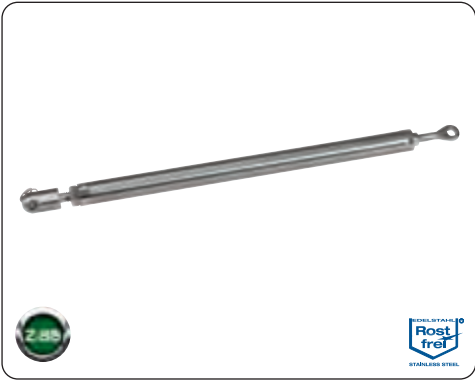


■ Überkopfverglasung Einzelteile
overhead glazing components





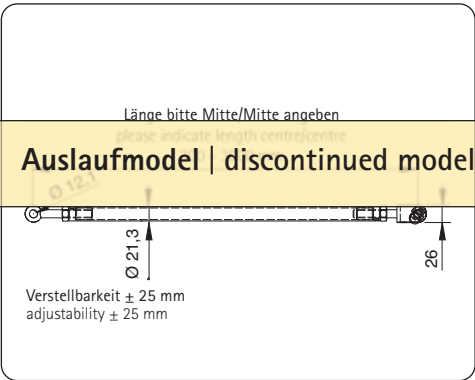
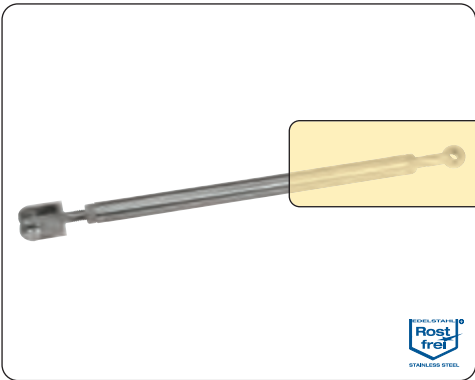
■ Produkte | components



Art. Nr.: | item no.: 13902300

Stangenverbindung mit Öse/Gabel
rod connection with eye/fork

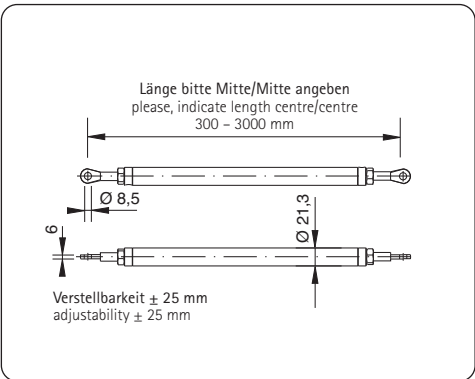
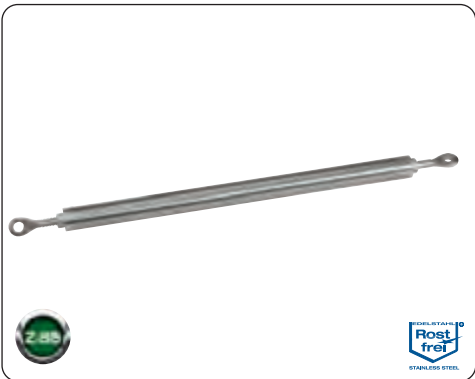
Material: A2 (1.4301)



Art. Nr.: | item no.: 13902400

Stangenverbindung für Tec (1875)
rod connection for Tec (1875)

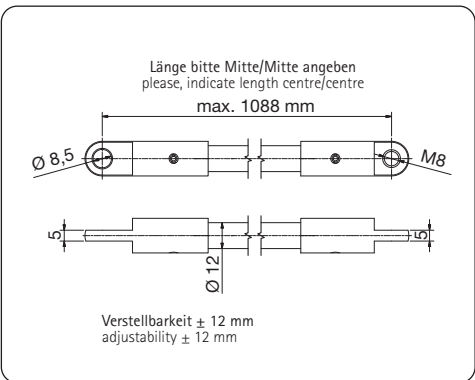
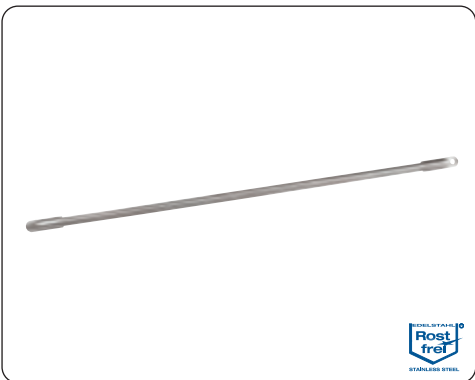
Material: A2 (1.4301)



Art. Nr.: | item no.: 13903800

Stangenverbindung mit 2 Ösen
rod connection with 2 eyes

Material: A2 (1.4301)



Art. Nr.: | item no.: 13908200

Stangenverbindung
rod connection

Material: A2 (1.4301)



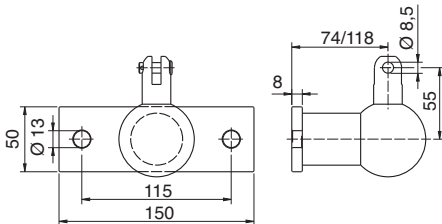
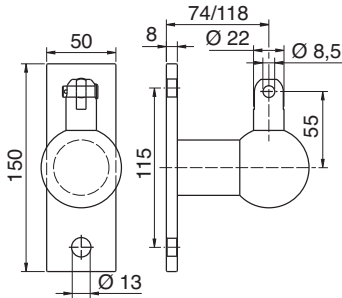
Produkte | components



13194200-V



13194200-H



Art. Nr.: | item no.: 13194200

Wandbefestigung Basic, unten
vertikal/horizontal
lower wall mount Basic
vertical/horizontal

Material: A2 (1.4301)

13194200-V

13194200-V-118 118=verlängert | extended

13194200-H

13194200-H-118 118=verlängert | extended

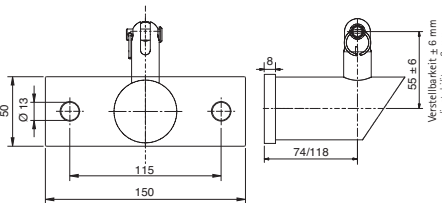
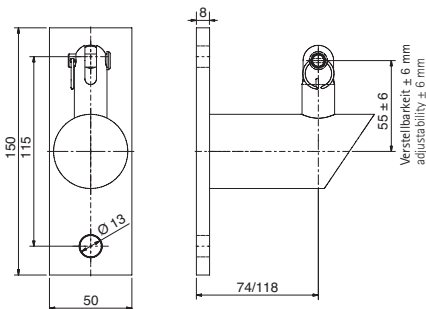
-V = vertikal | vertical
-H = horizontal



13194300-V



13194300-H



Art. Nr.: | item no.: 13194300

Wandbefestigung Basic II, unten
vertikal/horizontal
lower wall mount Basic II
vertical/horizontal

Material: A2 (1.4301)

13194300-V

13194300-V-118 118=verlängert | extended

13194300-H

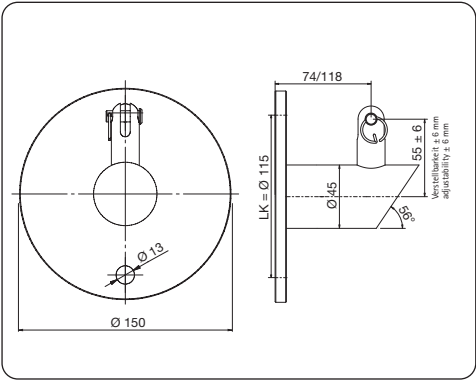
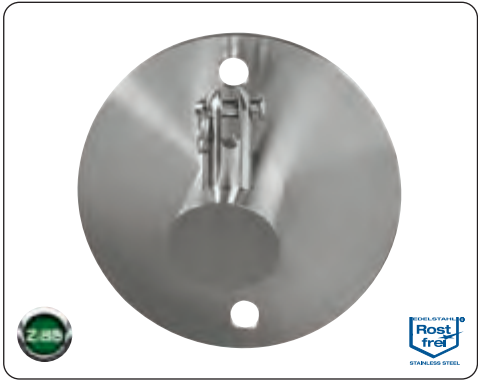
13194300-H-118 118=verlängert | extended

-V = vertikal | vertical
-H = horizontal

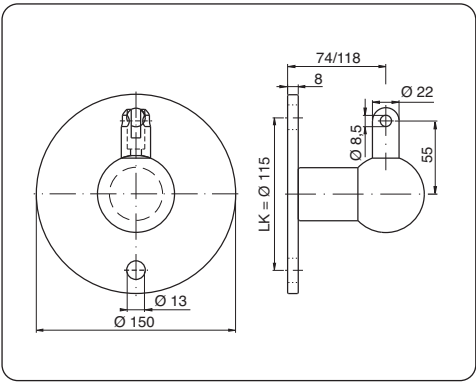


Überkopfverglasung Einzelteile | overhead glazing components

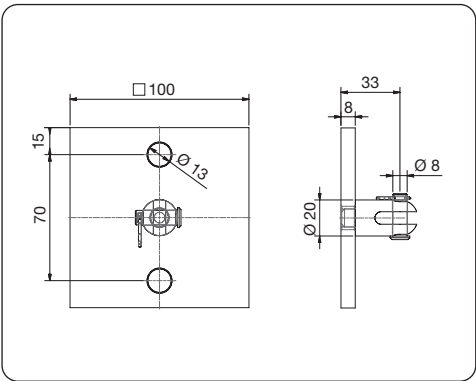
■ Produkte | components



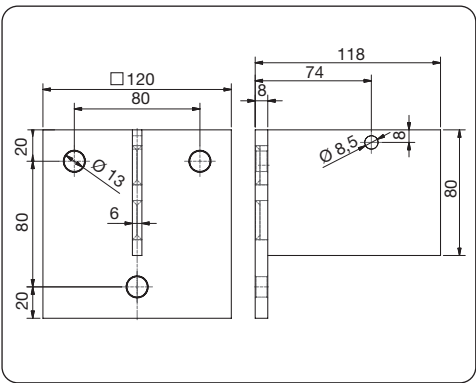
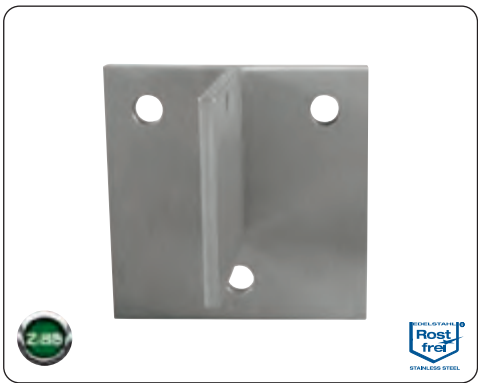
Art. Nr.: item no.: 13194100	
Wandbefestigung Basic II, unten lower wall mount Basic II	
Material:	A2 (1.4301)
13194100	
13194100-118	118=verlängert extended



Art. Nr.: item no.: 13194000	
Wandbefestigung Basic, unten lower wall mount Basic	
Material:	A2 (1.4301)
13194000	
13194000-118	118=verlängert extended



Art. Nr.: item no.: 13902100	
Wand- Stangenbefestigung Quadro, oben upper rod connection Quadro	
Material:	A2 (1.4301)

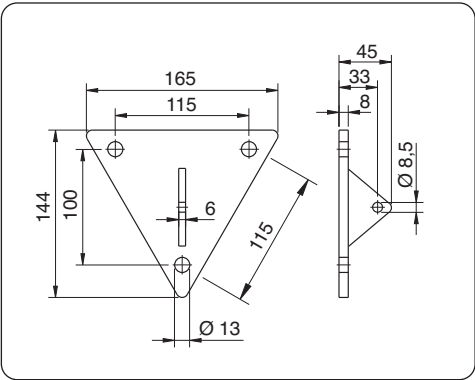


Art. Nr.: item no.: 13902200	
Wandbefestigung Quadro, unten lower wall mount Quadro	
Material:	A2 (1.4301)





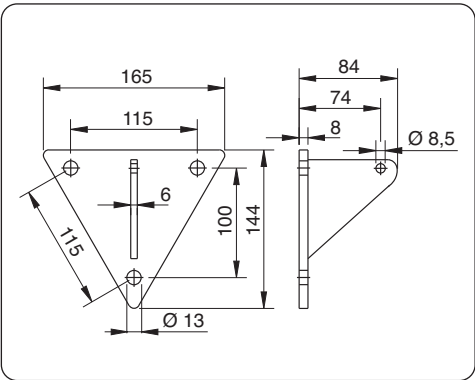
■ Produkte | components



Art. Nr.: | item no.: 13902500

Wand-Stangenverbindung Triangle, oben
upper wall rod connection Triangle

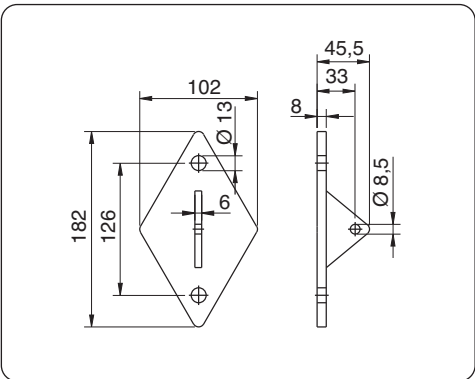
Material: A2 (1.4301)



Art. Nr.: | item no.: 13902600

Wandbefestigung Triangle, unten
lower wall mount Triangle

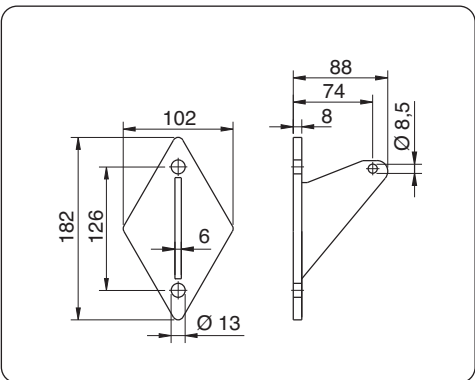
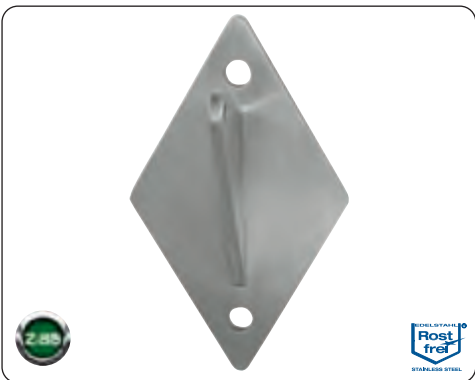
Material: A2 (1.4301)



Art. Nr.: | item no.: 13902700

Wand-Stangenverbindung Diamond, oben
upper wall rod connection Diamond

Material: A2 (1.4301)



Art. Nr.: | item no.: 13902800

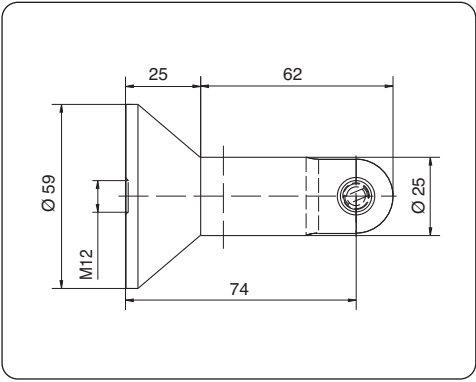
Wandbefestigung Diamond, unten
lower wall mount Diamond

Material: A2 (1.4301)



Überkopfverglasung Einzelteile | overhead glazing components

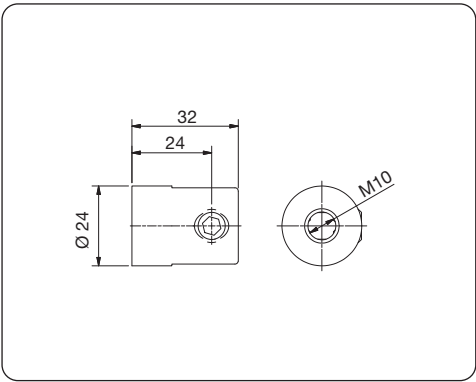
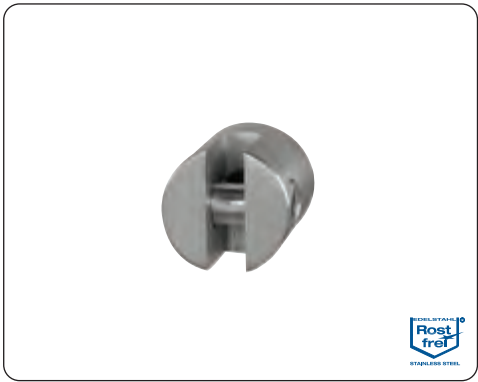
■ Produkte | components



Art. Nr.: | item no.: 13907100

Wandbefestigung Informo
wall mount Informo

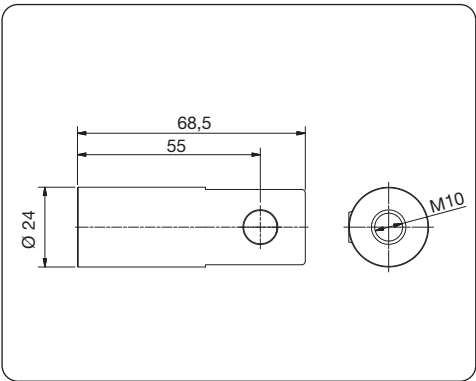
Material: A2 (1.4301)



Art. Nr.: | item no.: 13908300

Wand-Stangenverbindung, oben
upper wall rod connection

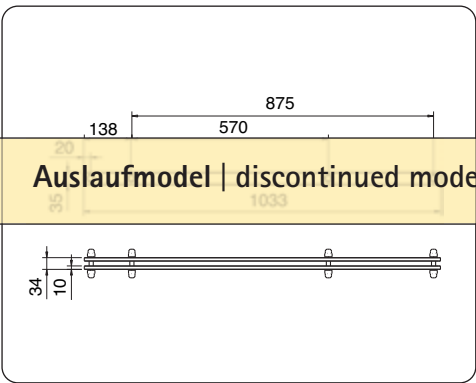
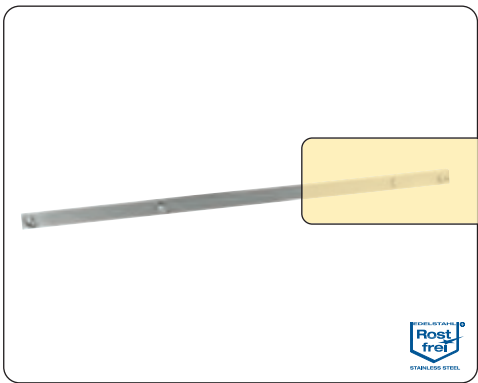
Material: A2 (1.4301)



Art. Nr.: | item no.: 13908600

Wandbefestigung, unten
lower wall mount

Material: A2 (1.4301)



Art. Nr.: | item no.: 13903000

Trägerschiene für Tec (1874ff)
carrying rail for Tec (1874ff)

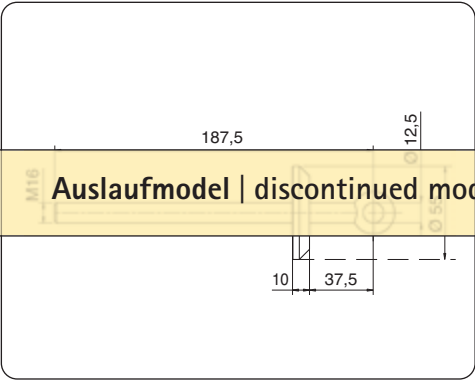
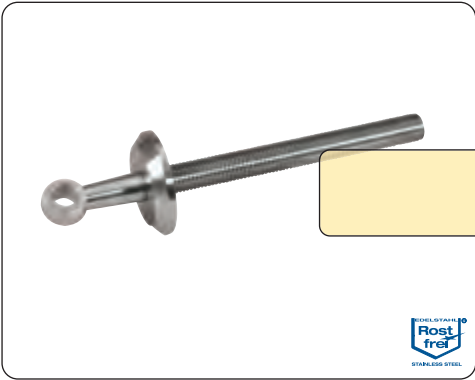
Material: A2 (1.4301)

Auslaufmodell | discontinued model





Produkte | components

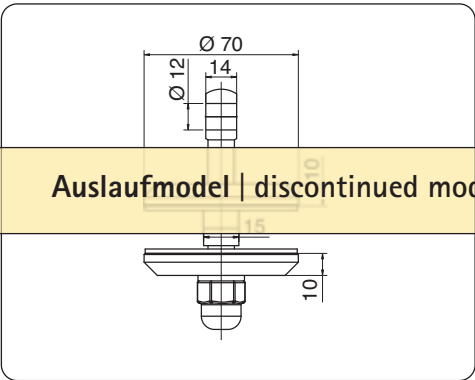
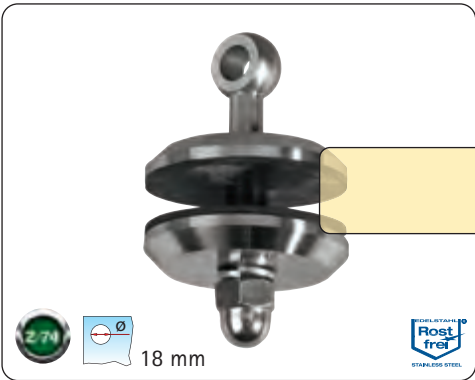


Art. Nr.: | item no.: 13903100

Wandbefestigung Tec
wall mount Tec

Material: A2 (1.4301)

Auslaufmodell | discontinued model



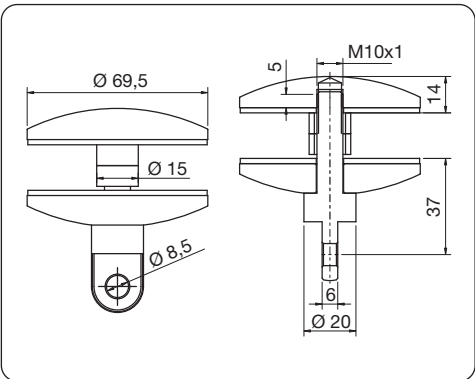
Art. Nr.: | item no.: 13902900

Punkthalter mit Augenschraube für Tec
point fixing with eye screw for Tec

Material: A2 (1.4301)

13,52 mm/17,52 mm/21,52 mm

Auslaufmodell | discontinued model

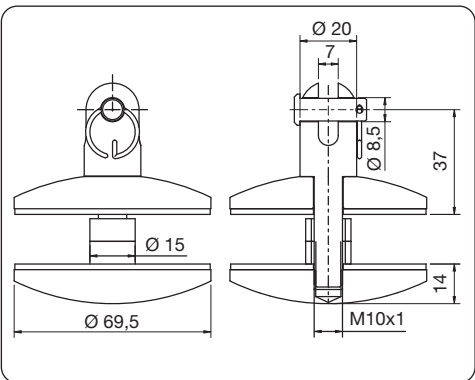


Art. Nr.: | item no.: 13192600

Punkthalter Credo mit Öse
point fixing Credo with eye

Material: A2 (1.4301)

13192600-12	13,52 mm
13192600-16	17,52 mm
13192600-20	21,52 mm
13192600-24	25,52 mm



Art. Nr.: | item no.: 1927VA

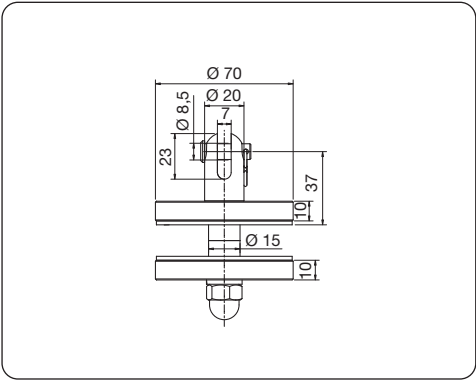
Punkthalter Credo mit Gabel
point fixing Credo with fork

Material: A2 (1.4301)

13192700-12	13,52 mm
13192700-16	17,52 mm
13192700-20	21,52 mm
13192700-24	25,52 mm



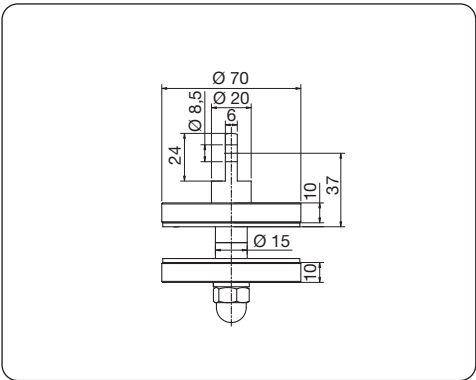
■ Produkte | components



Art. Nr.: | item no.: 13192800

Punkthalter „Classic“ mit Gabel
point fixing „Classic“ with fork

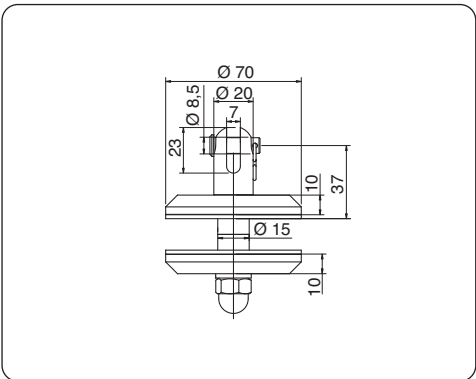
Material:	A2 (1.4301)
13192800	 17,52 mm
	 21,52 mm
13192800-12	 13,52 mm
13192800-24	 25,52 mm



Art. Nr.: | item no.: 13192900

Punkthalter „Classic“ mit Öse
point fixing „Classic“ with eye

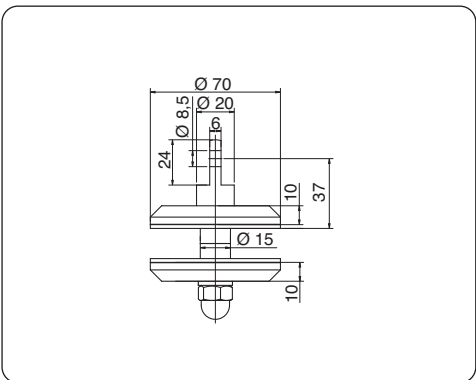
Material:	A2 (1.4301)
13192900	 17,52 mm
	 21,52 mm
13192900-12	 13,52 mm
13192900-24	 25,52 mm



Art. Nr.: | item no.: 13193000

Punkthalter „gefast“ mit Gabel
point fixing „chamfered“ with fork

Material:	A2 (1.4301)
13193000	 17,52 mm
	 21,52 mm
13193000-12	 13,52 mm
13193000-24	 25,52 mm



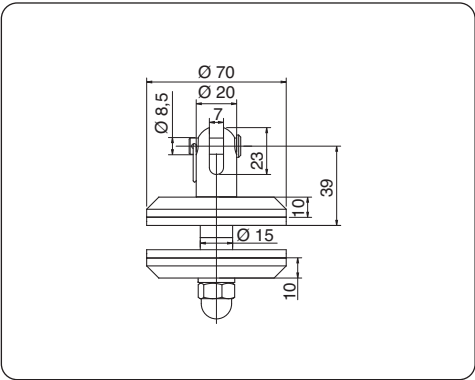
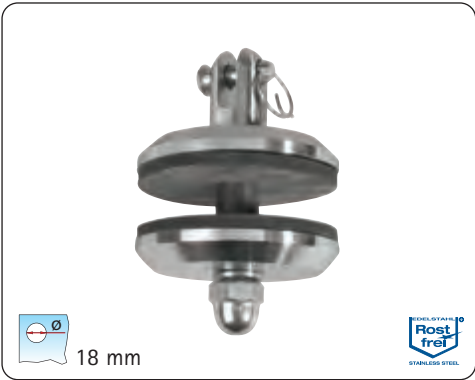
Art. Nr.: | item no.: 13193100

Punkthalter „gefast“ mit Öse
point fixing „chamfered“ with eye

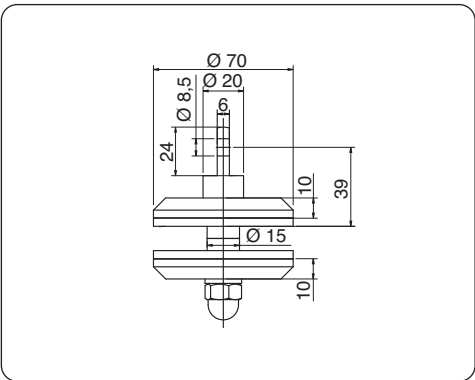
Material:	A2 (1.4301)
13193100	 17,52 mm
	 21,52 mm
13193100-12	 13,52 mm
13193100-24	 25,52 mm



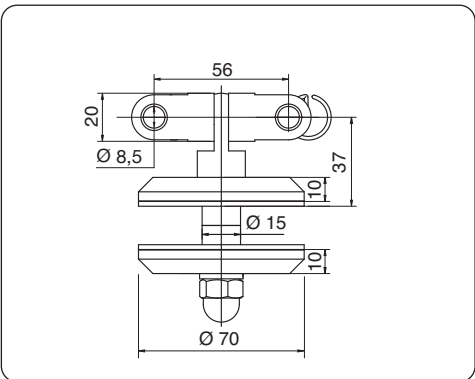
Produkte | components



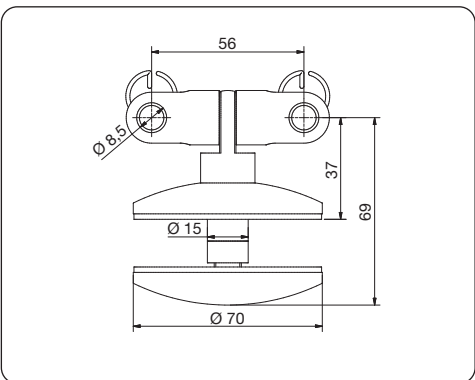
Art. Nr.: item no.: 13905100	
Punkthalter „gefast“ mit Gabel für zylindrisch gekrümmtes Glas point fixing „chamfered“ with fork for cylindrically curved glass	
Material:	A2 (1.4301)
17,52 mm	



Art. Nr.: item no.: 13905200	
Punkthalter „gefast“ mit Öse für zylindrisch gekrümmtes Glas point fixing „chamfered“ with eye for cylindrically curved glass	
Material:	A2 (1.4301)
17,52 mm	



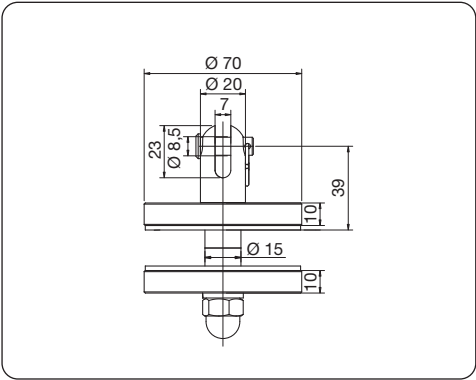
Art. Nr.: item no.: 13193400	
Punkthalter „gefast“ mit 2 Gabeln verstellbar point fixing „chamfered“ with 2 forks adjustable	
Material:	A2 (1.4301)
13193400	17,52 mm
13193400-20	21,52 mm
13193400-24	25,52 mm



Art. Nr.: item no.: 13192500	
Punkthalter Credo mit 2 Gabeln, verstellbar point fixing Credo with 2 forks, adjustable	
Material:	A2 (1.4301)
13192500-12	13,52 mm
13192500-16	17,52 mm
13192500-20	21,52 mm
13192500-24	25,52 mm



Produkte | components

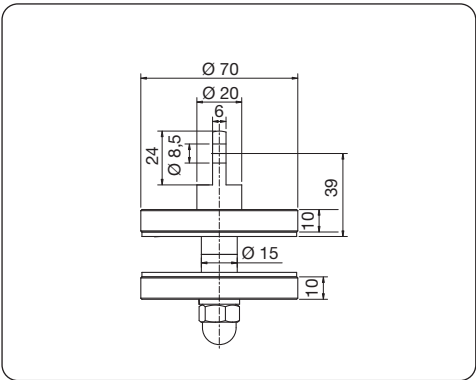


Art. Nr.: | item no.: 13905400

Punkthalter „Classic“ mit Gabel
für zylindrisch gekrümmtes Glas
point fixing „Classic“ with fork
for cylindrically curved glass

Material: A2 (1.4301)

17,52 mm

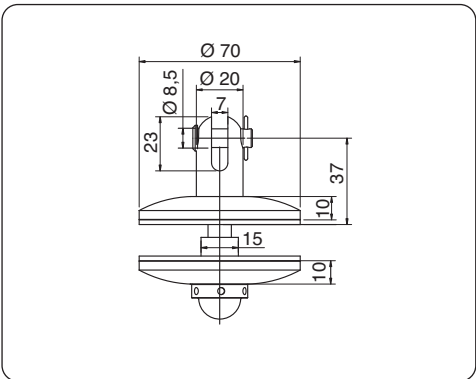


Art. Nr.: | item no.: 13905500

Punkthalter „Classic“ mit Öse
für zylindrisch gekrümmtes Glas
point fixing „Classic“ with eye
for cylindrically curved glass

Material: A2 (1.4301)

17,52 mm



Art. Nr.: | item no.: 13198200

Punkthalter „Informo“ mit Gabel, sphärisch
point fixing "Informo" with fork, spherical

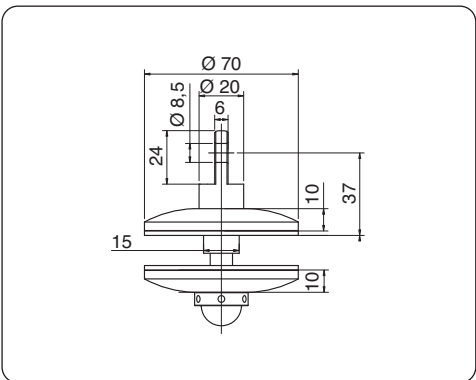
Material: A2 (1.4301)

13198200 13,52 mm

13198200-16 17,52 mm

13198200-20 21,52 mm

13198200-24 25,52 mm



Art. Nr.: | item no.: 13198300

Glasplattenhalterung „Informo“
mit Öse, sphärisch
glass panel mount "Informo"
with eye, spherical

Material: A2 (1.4301)

13198300 13,52 mm

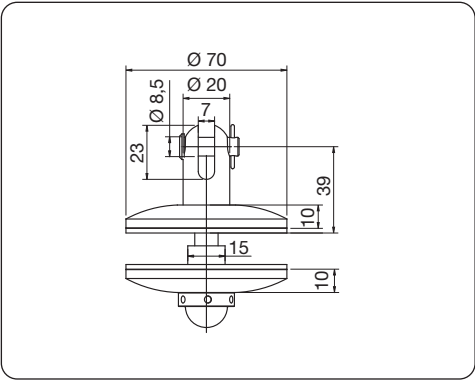
13198300-16 17,52 mm

13198300-20 21,52 mm

13198300-24 25,52 mm



■ Produkte | components

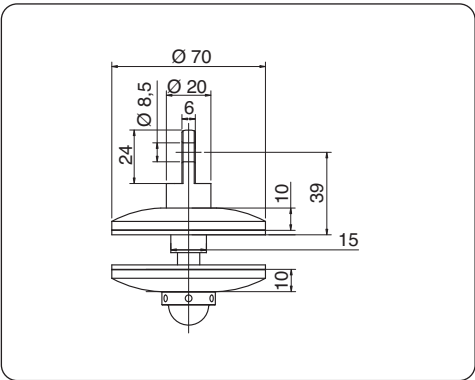


Art. Nr.: | item no.: 13907800

Punkthalter „Informo“ mit Gabel
für zylindrisch gekrümmtes Glas
point fixing „Informo“ with fork
for cylindrically curved glass

Material: A2 (1.4301)

17,52 mm

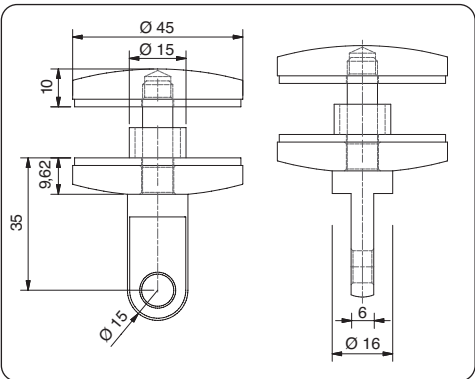


Art. Nr.: | item no.: 13907900

Punkthalter „Informo“ mit Öse
für zylindrisch gekrümmtes Glas
point fixing „Informo“ with eye
for cylindrically curved glass

Material: A2 (1.4301)

17,52 mm

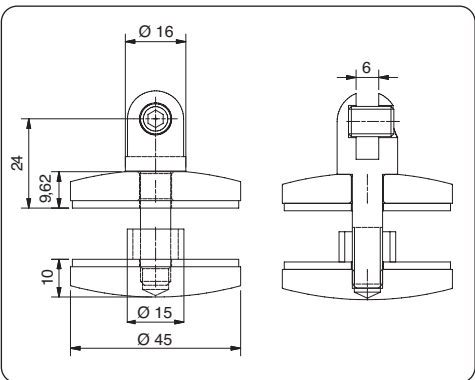


Art. Nr.: | item no.: 13908400

Punkthalter mit Öse
point fixing with eye

Material: A2 (1.4301)

13,52 mm



Art. Nr.: | item no.: 13908500

Punkthalter mit Gabel
point fixing with fork

Material: A2 (1.4301)

13,52 mm