PUNKTHALTESYSTEME DE/EN
POINT FITTING SYSTEMS

Qualität von Längle. Quality by Längle.

GEPRÜFT NACH | TESTED TO
SALZSPRÜHNEBEL-PRÜFUNG
SALT SPRAY TEST
DIN EN ISO 12844

Längle
Glas Befestigungs Systeme
Glass-Fastening-Systems

** AL-Punkt

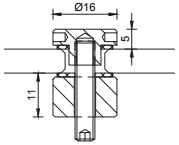
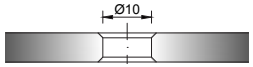
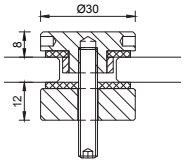
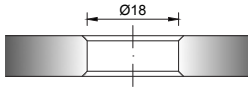
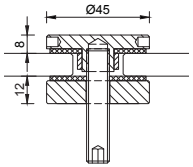
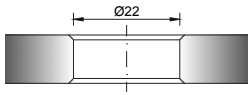
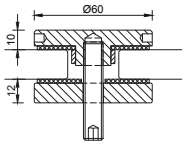
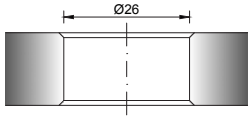
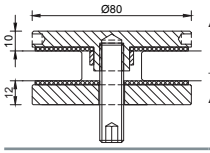
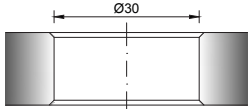
- **1 Punkt-Kopfteil**
- **1 Distanz (Höhe 10 mm)**
- **2 EPDM Scheiben**
- **1 EPDM Schlauchstück**

Punkt-16 ohne Schlauchstück
Edelstahl A2 (1.4301)

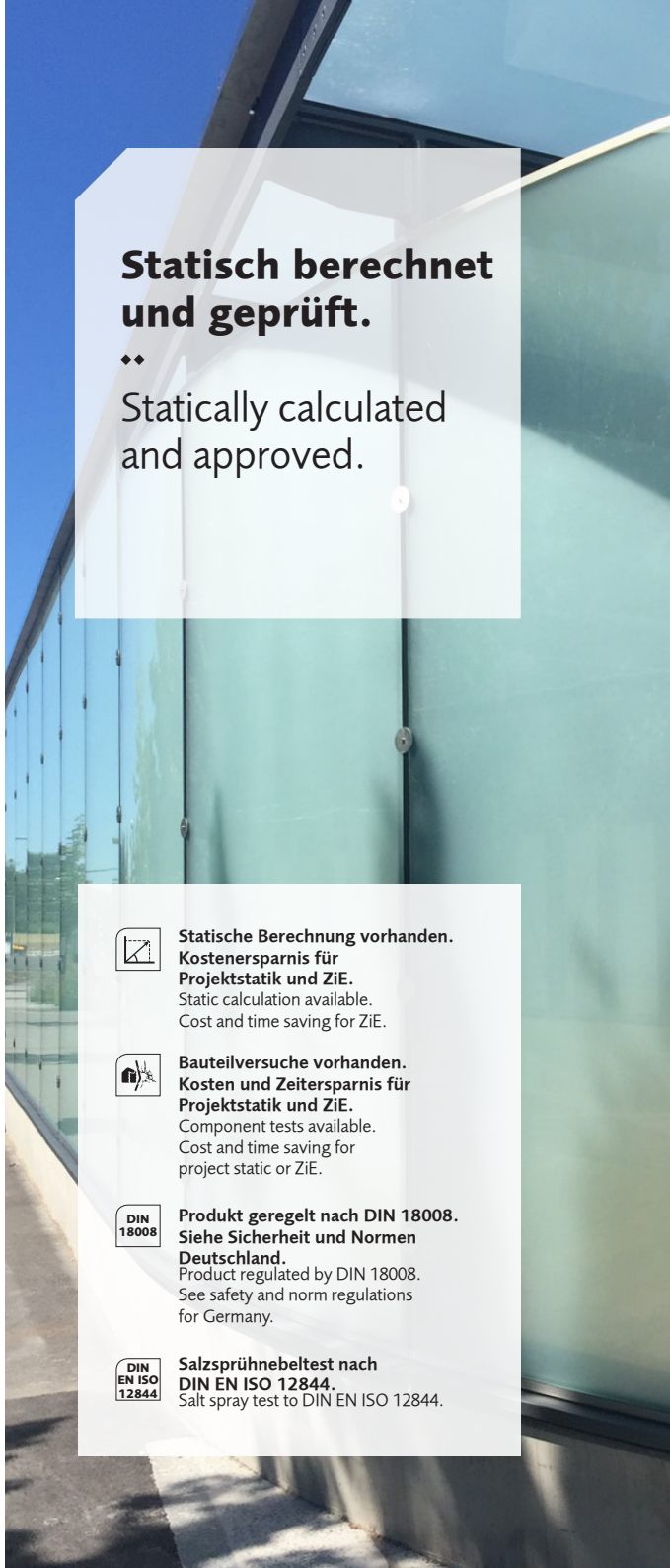
- 1 flat head part
- 1 distance (height 10 mm)
- 2 EPDM washers
- 1 EPDM tube

Punkt-16 without tube
Stainless steel A2 (1.4301)

Zubehör
Accessories

ABBILDUNG IMAGE	**ARTIKEL NR.** ITEM NO.	**DURCHMESSER** DIAMETER	**SCHRAUBE** SCREW	**GLASDICKE | GLASBOHRUNG** GLASS THICKNESS | CUTOUT	**TRAGLAST** LOAD
	**AL-Punkt-16**	Ø 16 mm	**Gewindestift M5x45** Set screw M5x45	4 – 6 mm 	28 kg (0,28 kN)
	AL-Punkt-16-ST		**Stockschraube M5x50** Hanger screw M5x50		
	**AL-Punkt-30/8**	Ø 30 mm	**Gewindestift M8x45** Set screw M8x45	6-15 mm 	62 kg (0,62 kN)
	AL-Punkt-30/8-ST		**Stockschraube M8x60** Hanger screw M8x60		
	AL-Punkt-30/8-G		**Gewindestift M8x45** Set screw M8x45		
	**AL-Punkt-45**	Ø 45 mm	**Gewindestift M10x50** Set screw M10x50	8 – 20 mm 	100 kg (1,0 kN)
	AL-Punkt-45-ST		**Stockschraube M10x80** Hanger screw M10x80		
	AL-Punkt-45-G		**Gewindestift M10x50** Set screw M10x50		
	**AL-Punkt-60**	Ø 60 mm	**Gewindestift M10x50** Set screw M10x50	10 – 24 mm 	280 kg (2,8 kN)
	AL-Punkt-60-ST		**Stockschraube M10x80** Hanger screw M10x80		
	AL-Punkt-60-G		**Gewindestift M10x50** Set screw M10x50		
	**AL-Punkt-80**	Ø 80 mm	**Gewindestift M12x50** Set screw M12x50	10 – 24 mm 	280 kg (2,8 kN)
	AL-Punkt-80-G		**Gewindestift M12x50** Set screw M12x50		

Projektspezifische Anpassungen möglich ** Project-specific adaptations possible



Statisch berechnet und geprüft.

**

Statically calculated and approved.

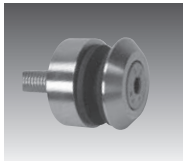
Statische Berechnung vorhanden. Kostenersparnis für Projektstatik und ZiE.
Static calculation available.
Cost and time saving for ZiE.

Bauteilversuche vorhanden. Kosten und Zeitersparnis für Projektstatik und ZiE.
Component tests available.
Cost and time saving for project static or ZiE.

Produkt geregelt nach DIN 18008. Siehe Sicherheit und Normen Deutschland.
Product regulated by DIN 18008.
See safety and norm regulations for Germany.

Salzsprühnebeltest nach DIN EN ISO 12844.
Salt spray test to DIN EN ISO 12844.

AL-Trapez

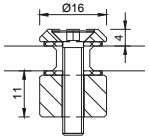
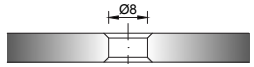
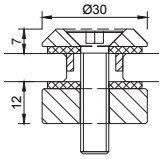
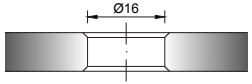
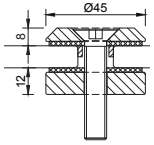
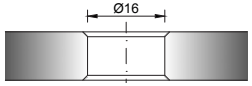
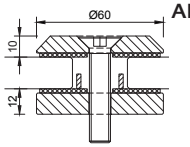
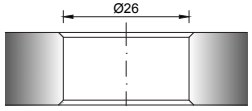


- **1 Trapez-Kopfteil**
- **1 Distanz (Höhe 10 mm)**
- **2 EPDM Scheiben**
- **1 EPDM Schlauchstück**

Punkt-16 ohne Schlauchstück
Edelstahl A2 (1.4301)

- 1 flat head part
- 1 distance (height 10 mm)
- 2 EPDM washers
- 1 EPDM tube

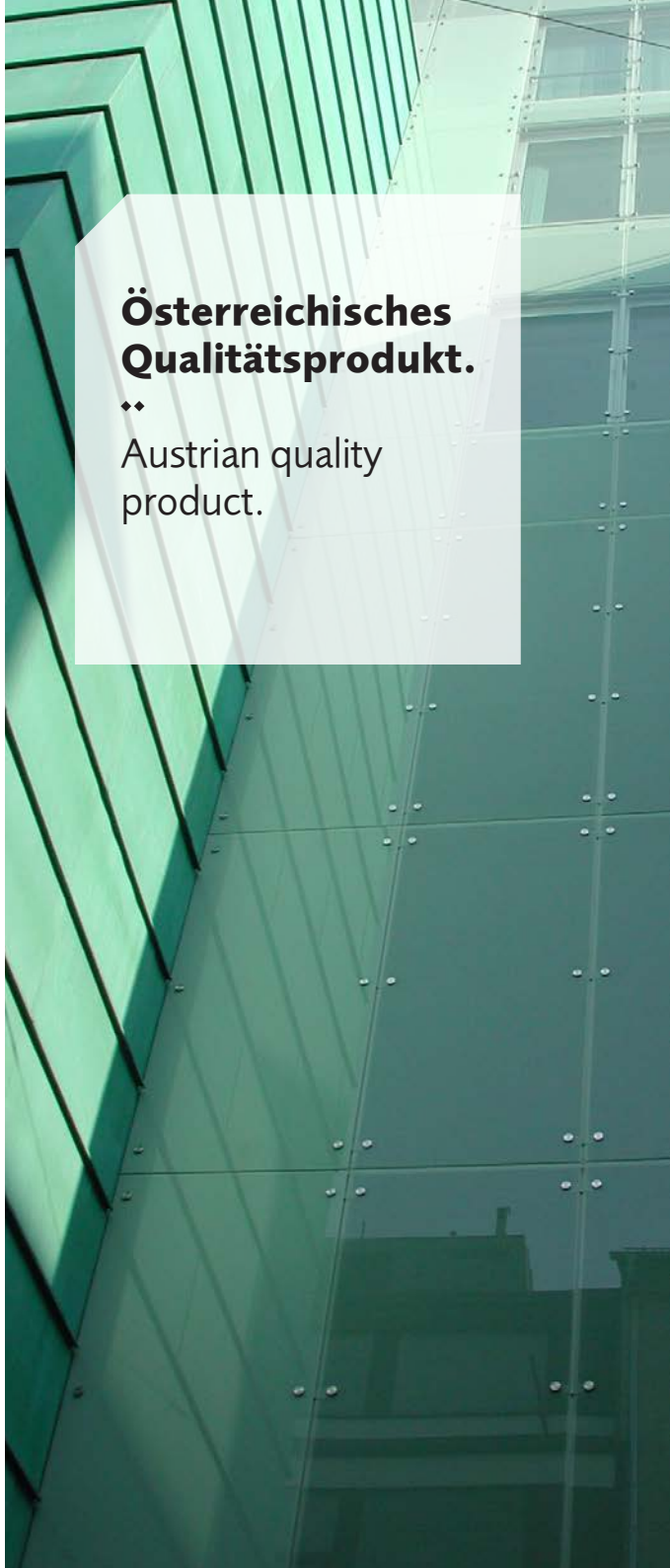
Punkt-16 without tube
Stainless steel A2 (1.4301)

ABBILDUNG IMAGE	**ARTIKEL NR.** ITEM NO.	**DURCHMESSER** DIAMETER	**SCHRAUBE** SCREW	**GLASDICKE | GLASBOHRUNG** GLASS THICKNESS | CUTOUT	**TRAGLAST** LOAD
	**AL-Trapez-16**	Ø 16 mm	**Senkschraube M5x40** Countersunk screw M5x40	4 – 8 mm 	20 kg (0,2 kN)
	AL-Trapez-16-SP		**Spannplattenschr. M5x50** Chipboard screw M5x50		DIN EN ISO 12844
	**AL-Trapez-30/6**	Ø 30 mm	**Senkschraube M6x40** Countersunk screw M6x40	6 – 12 mm 	30 kg (0,3 kN)
	AL-Trapez-30/6-SP		**Spannplattenschr. M6x60** Chipboard screw M6x60		DIN EN ISO 12844
	AL-Trapez-30/8	Ø 30 mm	**Senkschraube M8x45** Countersunk screw M8x45	6 – 20 mm	50 kg (0,5 kN)
	AL-Trapez-30/8-SP		**Spannplattenschr. M8x60** Chipboard screw M8x60		DIN EN ISO 12844
	**AL-Trapez-45**	Ø 45 mm	**Senkschraube M10x50** Countersunk screw M10x50	6 – 20 mm 	80 kg (0,8 kN)
					DIN EN ISO 12844
	**AL-Trapez-60**	Ø 60 mm	**Senkschraube M10x50** Countersunk screw M10x50	10 – 24 mm 	80 kg (0,8 kN)
					DIN 18008 DIN EN ISO 12844

Projektspezifische Anpassungen möglich •• Project-specific adaptations possible

STATICALLY TESTED & AUTHORIZED
STATISCH
GEPRÜFT
& ZUGELASSEN

GEPRÜFT NACH / TESTED TO
SALZSPRÜHNEBEL-PRÜFUNG
SALT SPRAY TEST
DIN EN ISO 12844

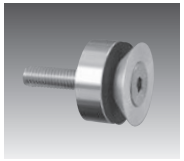


Österreichisches Qualitätsprodukt.

••

Austrian quality product.

** AL-Senk

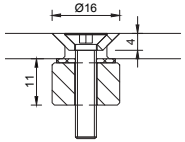
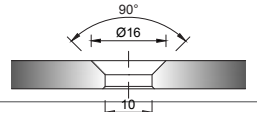
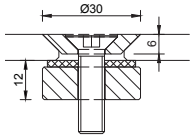
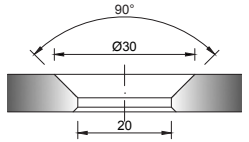


- **1 Senk-Kopfteil**
- **1 Distanz (Höhe 10 mm)**
- **1 EPDM Scheibe**

Kopfteil: Aluminium
Distanz: Edelstahl A2 (1.4301)

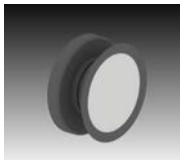
- 1 countersunk head part
- 1 distance (height 10 mm)
- 1 EPDM washer

Head part: aluminium
Distance: stainless steel A2 (1.4301)

ABBILDUNG IMAGE	**ARTIKEL NR.** ITEM NO.	**DURCHMESSER** DIAMETER	**SCHRAUBE** SCREW	**GLASDICKE | GLASBOHRUNG** GLASS THICKNESS | CUTOUT	**TRAGLAST** LOAD
	**AL-Senk-16**	Ø 16 mm	**Senkschraube M5x40** Countersunk screw M5x40	4 – 8 mm 	25 kg (0,25 kN)
	AL-Senk-16-SP		**Spannplattenschr. M5x50** Chipboard screw M5x50		
	**AL-Senk-30/6**	Ø 30 mm	**Senkschraube M6x40** Countersunk screw M6x40	8 – 12 mm 	30 kg (0,3 kN)
	AL-Senk-30/6-SP		**Spannplattenschr. M6x60** Chipboard screw M6x60		
	AL-Senk-30/8	Ø 30 mm	**Senkschraube M8x45** Countersunk screw M8x45	8 – 20 mm	50 kg (0,5 kN)
	AL-Senk-30/8-SP		**Spannplattenschr. M8x60** Chipboard screw M8x60		

Projektspezifische Anpassungen möglich ** Project-specific adaptations possible

** Anton

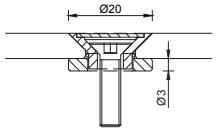
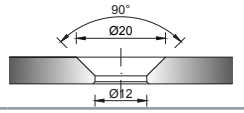


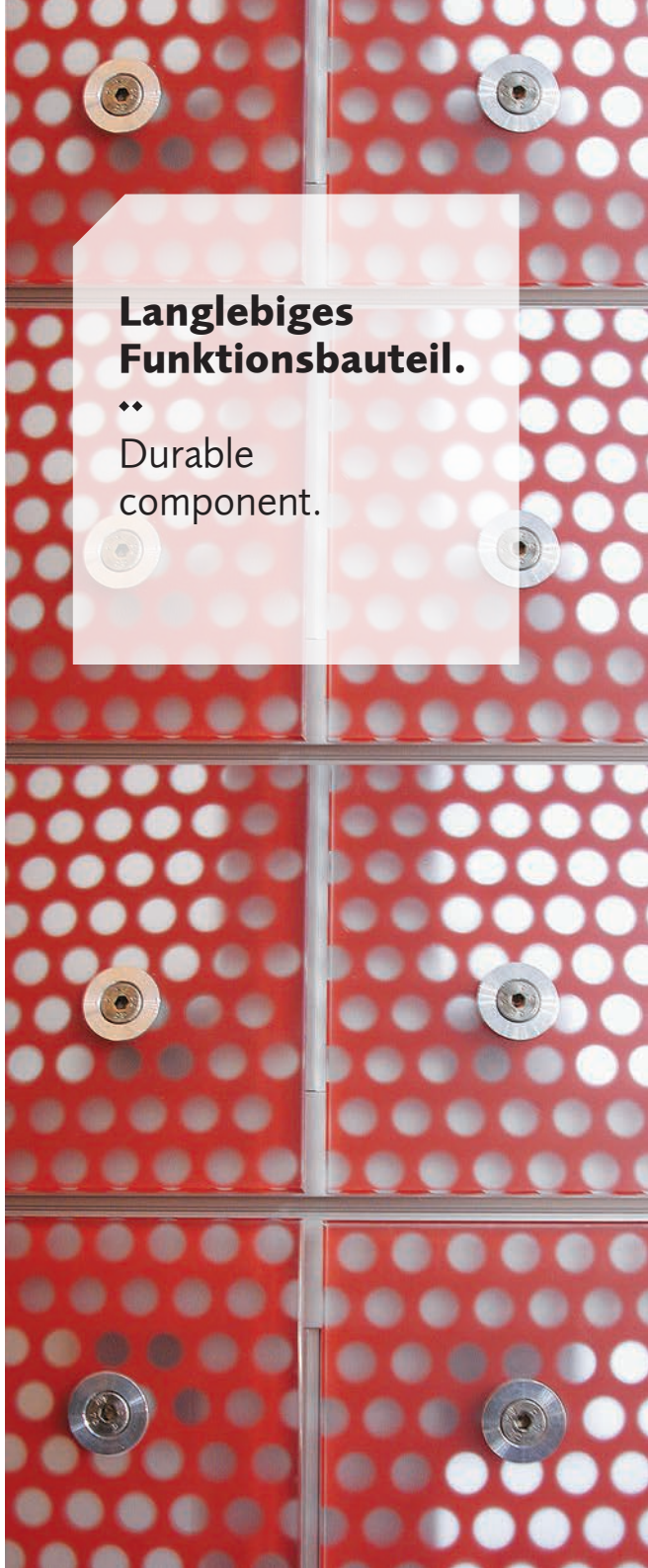
- **1 Senk-Kopfteil**
- **1 Distanz**
- **Abdeckplatte Edelstahl**
- **Material: Kunststoff und Edelstahl (feingeschliffen)**

Holz- oder metrische Schrauben bauseits

- 1 countersunk head part
- 1 distance
- Cover plate stainless steel
- Material: plastic and stainless steel

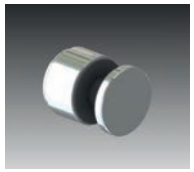
Wood or metric screws on site

ABBILDUNG IMAGE	**ARTIKEL NR.** ITEM NO.	**DURCHMESSER** DIAMETER	**GLASDICKE | GLASBOHRUNG** GLASS THICKNESS | CUTOUT
	**Anton**	Ø 20 mm	6 – 8 mm 



Langlebiges Funktionsbauteil.
**
Durable component.

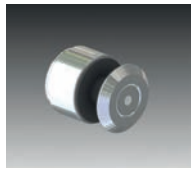
AL-Vario Punkt x30



- **1 Punkt-Kopfteil oder**
- **1 Trapez-Kopfteil**
- **1 Distanz (Höhe 30 mm)**
- **1 Befestigungsplatte**
- **2 EPDM Scheiben**
- **2/1 EPDM Schlauchstück**
- **2 Gewindestifte M10 ***

Edelstahl A2 (1.4301)

AL-Vario Trapez x30

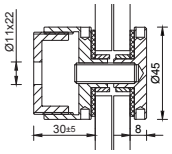
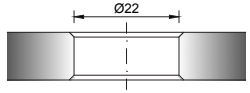
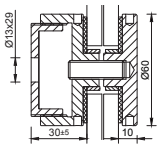
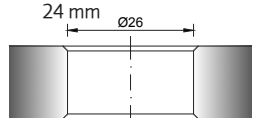
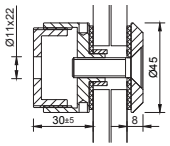
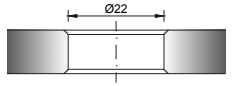
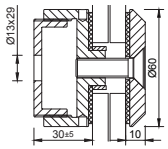
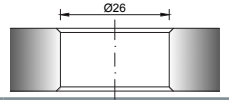


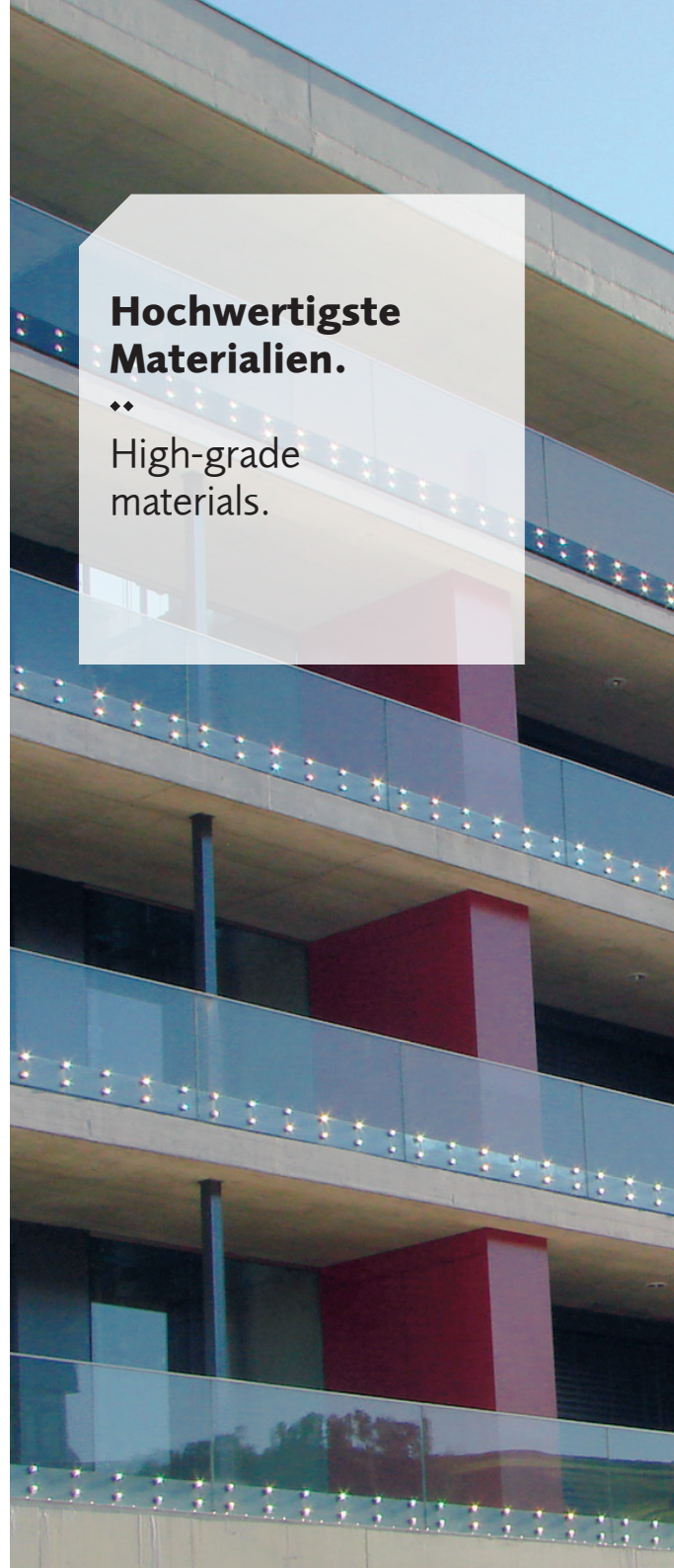
- 1 flat head part or
- 1 bevelled head part
- 1 distance (height 30 mm)
- 1 holding disc
- 2 EPDM washers
- 2/1 EPDM tube
- 2 set screws M10 *

Stainless steel A2 (1.4301)

Zubehör für
Accessories for
AL-Vario Punkt X30

Für Deutschland nur mit ZiE erlaubt.
Statik für Glasgeländer laut Norm.
For Germany only allowed with ZiE (individual approval).
Statics for glass railing according to standard.
* Verwendung je nach Glasdicke.
Appilication depending on glass thickness.

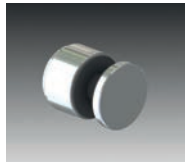
ABBILDUNG IMAGE	**ARTIKEL NR.** ITEM NO.	**DURCHMESSER** DIAMETER	**SCHRAUBE** SCREW	**GLASDICKE | GLASBOHRUNG** GLASS THICKNESS | CUTOUT
	**AL-Vario-P-45x30**	Ø 45 mm	M10 x 30 M10 x 35	16 – 20 mm 24 mm  DIN EN ISO 12844
	**AL-Vario-P-60x30**	Ø 60 mm	M10 x 30 M10 x 35	16 – 20 mm 24 mm  DIN EN ISO 12844
	**AL-Vario-T-45x30**	Ø 45 mm	M10 x 25 M10 x 35	8 – 12 mm 16 – 20 mm  DIN EN ISO 12844
	**AL-Vario-T-60x30**	Ø 60 mm	M10 x 25 M10 x 35	8 – 12 mm 16 – 20 mm  DIN EN ISO 12844



Hochwertigste Materialien.

High-grade materials.

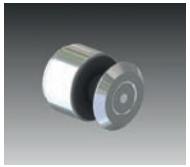
AL-Vario Punkt x50



- **1 Punkt-Kopfteil oder**
- **1 Trapez-Kopfteil**
- **1 Verstellplatte**
- **Distanz (Höhe 50 mm)**
- **1 Befestigungsplatte**
- **2 EPDM Scheiben**
- **2 EPDM Schlauchstück**
- **2 Gewindestifte M10 ***

Edelstahl A2 (1.4301)

AL-Vario Trapez x50

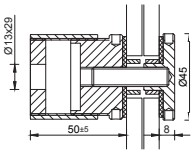
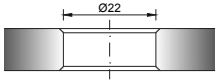
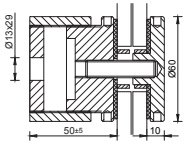
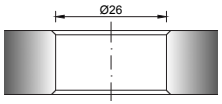
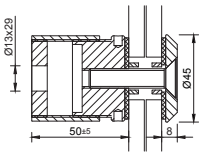
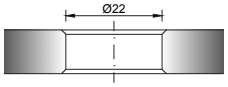
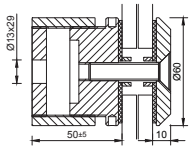
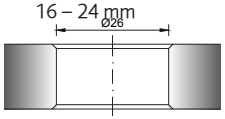


- 1 flat head part or
- 1 bevelled head part
- 1 adjusting plate (male coupling)
- distance (height 50 mm)
- 1 holding disc
- 2 EPDM washers
- 2 EPDM tube
- 2 set screws M10 *

Stainless steel A2 (1.4301)

Zubehör für
Accessories for
AL-Vario Punkt X50

Für Deutschland nur mit ZiE erlaubt.
Statik für Glasgeländer laut Norm.
For Germany only allowed with ZiE (individual approval).
Statics for glass railing according to standard.
* Verwendung je nach Glasdicke.
Appilication depending on glass thickness.

ABBILDUNG IMAGE	**ARTIKEL NR.** ITEM NO.	**DURCHMESSER** DIAMETER	**SCHRAUBE** SCREW	**GLASDICKE | GLASBOHRUNG** GLASS THICKNESS | CUTOUT
	**AL-Vario-P-45**	Ø 45 mm	M10 x 30 M10 x 40	8 – 12 mm 16 – 24 mm  DIN EN ISO 12844
	**AL-Vario-P-60**	Ø 60 mm	M10 x 30 M10 x 40	8 – 12 mm 16 – 24 mm  DIN EN ISO 12844
	**AL-Vario-T-45**	Ø 45 mm	M10 x 35 M10 x 45	8 – 12 mm 16 – 24 mm  DIN EN ISO 12844
	**AL-Vario-T-60**	Ø 60 mm	M10 x 35 M10 x 45	8 – 12 mm 16 – 24 mm  DIN EN ISO 12844

Geprüfte und zertifizierte Produkte.
Alle unsere Systeme unterliegen strengen Richtlinien für optimale Kundenzufriedenheit. Längle – immer auf dem neuesten Stand.

STATICALLY TESTED & AUTHORIZED
STATISCH GEPRÜFT & ZUGELASSEN

GEPRÜFT NACH | TESTED TO
SALZSPRÜHNEBEL-PRÜFUNG
SALT SPRAY TEST
DIN EN ISO 12844

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Längle

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Glass-Fastening-Systems