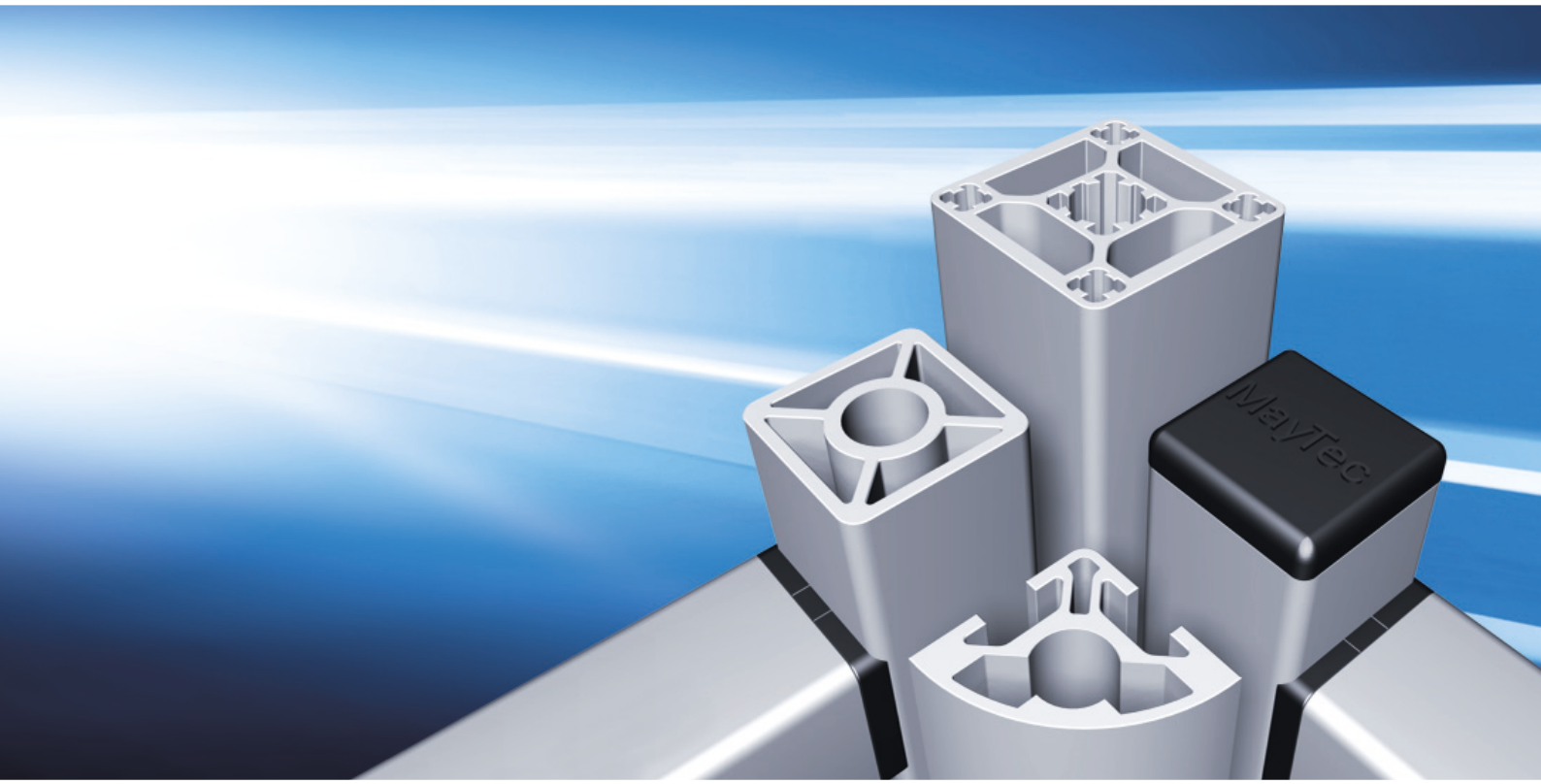
Deutsch



» Das Reinraum System

1/2013

MayTec®

MayTec GmbH in Dachau

Das Profilsystem

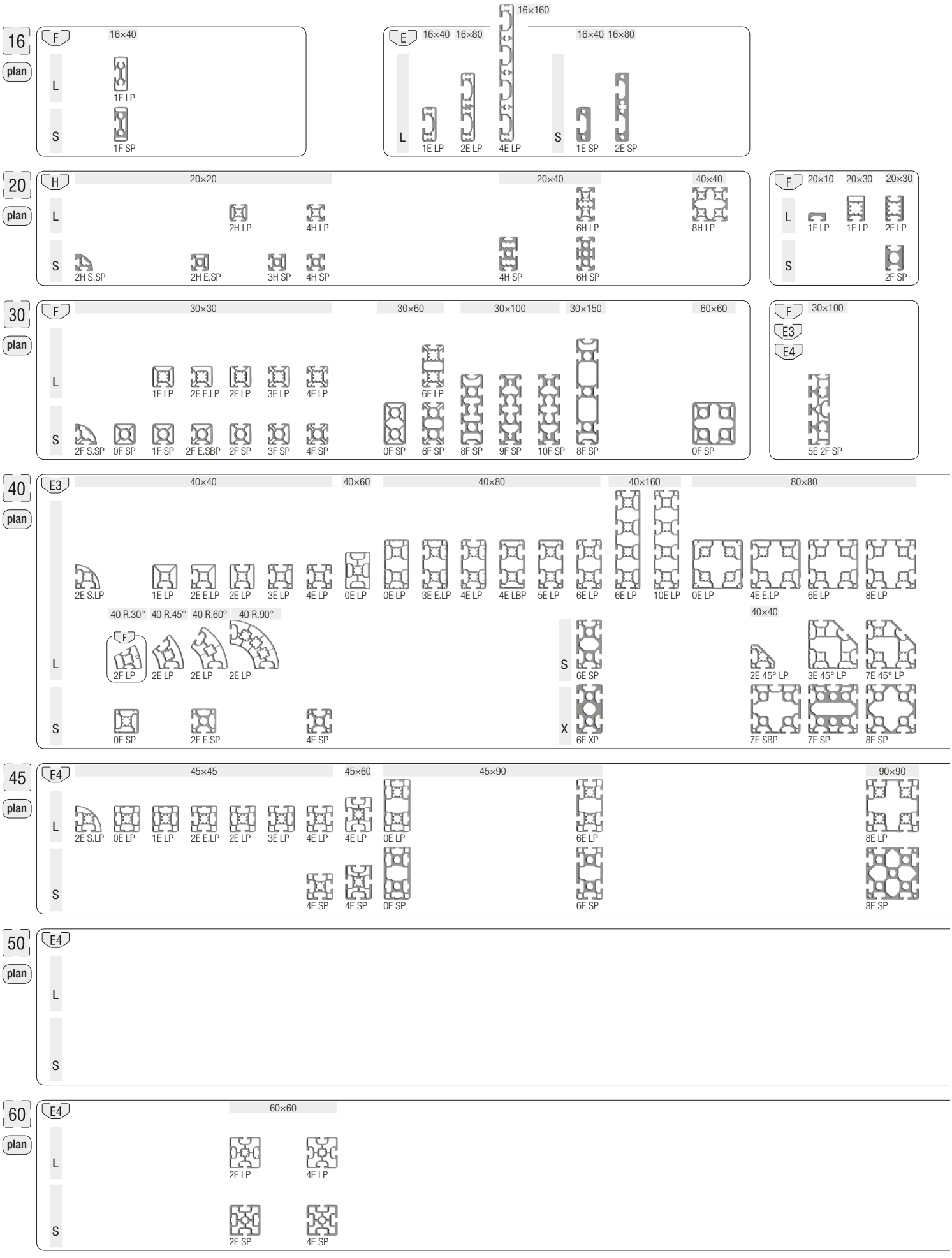
für

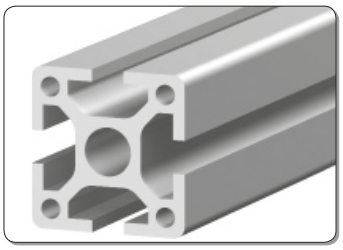
- **Reinraum-Technik**
- **Elektro-Technik**
- **Medizin-Technik**
- **Lebensmittel-Industrie**
- **Optische-Industrie**

MayTec erweitert sein Programm mit Bauteilen, die den Einsatz des Profilsystems für Anwendungen mit hohen Reinheits-anforderungen weiter verbessern. Einsatzgebiete in der Elektrotechnik, optischen Industrie sowie in der Lebensmittelindustrie und Medizintechnik können damit in großem Umfang abgedeckt werden.
Aufbauend auf das MayTec-Standard-System ermöglicht das MayTec-Verbindungssystem eine einfache und schnelle Montage und gewährleistet höchste Stabilität.

Kleinteile-Magazin

Profil-Stangenlager


16 plan
F
16×40
L
1F LP
S
1F SP
E
16×40 16×80
16×160
16×40 16×80
L
1E LP
2E LP
4E LP
S
1E SP
2E SP
20 plan
H
20×20
20×40
40×40
2H LP
4H LP
6H LP
8H LP
2H S.SP
2H E.SP
3H SP
4H SP
4H SP
6H SP
F
20×10
20×30
20×30
1F LP
1F LP
2F LP
2F SP
30 plan
F
30×30
30×60
30×100
30×150
60×60
1F LP
2F E.LP
2F LP
3F LP
4F LP
6F LP
2F S.SP
0F SP
1F SP
2F E.SBP
2F SP
3F SP
4F SP
0F SP
6F SP
8F SP
9F SP
10F SP
8F SP
0F SP
F
E3
E4
30×100
5E 2F SP
40 plan
E3
40×40
40×60
40×80
40×160
80×80
2E S.LP
1E LP
2E E.LP
2E LP
3E LP
4E LP
0E LP
0E LP
3E E.LP
4E LP
4E LBP
5E LP
6E LP
6E LP
10E LP
0E LP
4E E.LP
6E LP
8E LP
40 R.30°
40 R.45°
40 R.60°
40 R.90°
F
2F LP
2E LP
2E LP
2E LP
S
6E SP
40×40
2E 45° LP
3E 45° LP
7E 45° LP
0E SP
2E E.SP
4E SP
X
6E XP
7E SBP
7E SP
8E SP
45 plan
E4
45×45
45×60
45×90
90×90
2E S.LP
0E LP
1E LP
2E E.LP
2E LP
3E LP
4E LP
4E LP
0E LP
6E LP
8E LP
4E SP
4E SP
0E SP
6E SP
8E SP
50 plan
E4
60 plan
E4
60×60
2E LP
4E LP
2E SP
4E SP



ohne Ziernuten

16 20 30 40 45 50 60	Profilgruppe
S	Sonder-Profile
H F E	Nuten-Typ
plan	plan

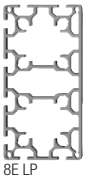
L	leicht
S	schwer
X	extra schwer
P	plan
B	Typ B

6-kant	6-kant
8-kant	8-kant
E.	Eck
R.	Rund
S.	Soft
W.	Winkel

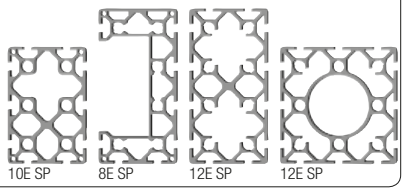
E4 30×150

8E SP

80×120 80×160 120×120



8E LP



10E SP 8E SP 12E SP 12E SP

100×200

12E SP

S

plan

Profile

Rund

48 Rund

1E SP 2E E.SP 2E SP

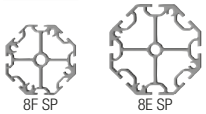
6-kant

30 6-kant 40 6-kant

6F SP 6E SP

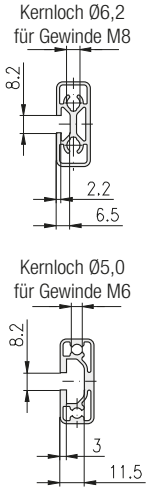
8-kant

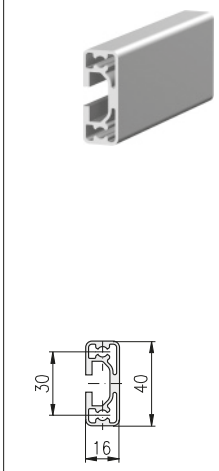
30 8-kant 40 8-kant

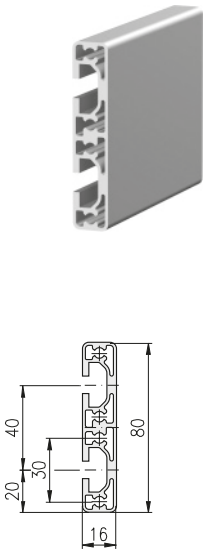


8F SP 8E SP

leicht

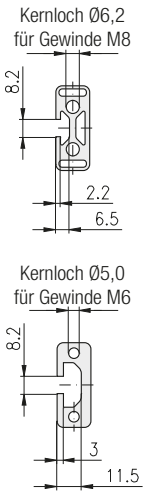


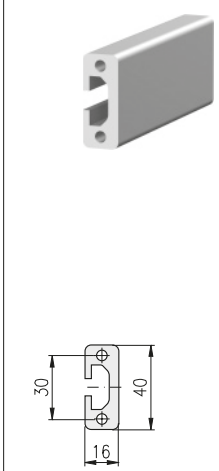


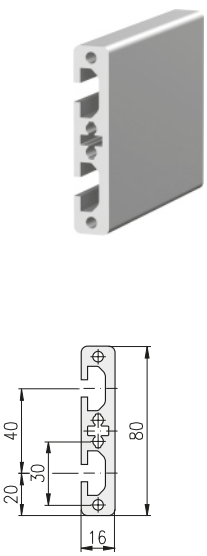


Bezeichnung	Profil 16×40, 1F, LP	Profil 16×40, 1E, LP	Profil 16×80, 2E, LP	Profil 16×160, 4E, LP
Stange, 6 m	1.10.016040.14LP.60	1.09.016040.14LP.60	1.09.016080.24LP.60	1.09.016160.44LP.60
Packeinheit (Stück)	1.10.016040.14LP.61 (20)	1.09.016040.14LP.61 (20)	1.09.016080.24LP.61 (10)	1.09.016160.44LP.61 (5)
Trägheitsmoment cm4	I_x = 4,4 I_y = 0,8	I_x = 4,3 I_y = 0,8	I_x = 30,7 I_y = 1,6	I_x = 221,0 I_y = 3,2
Widerstandsmoment cm3	W_x = 2,2 W_y = 0,8	W_x = 2,2 W_y = 0,8	W_x = 7,7 W_y = 1,6	W_x = 27,5 W_y = 3,2
Gewicht kg/m	G = 0,87	G = 0,75	G = 1,49	G = 2,6

schwer



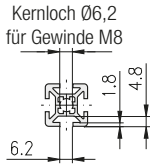




Bezeichnung	Profil 16×40, 1F, SP	Profil 16×40, 1E, SP	Profil 16×80, 2E, SP	
Stange, 6 m	1.10.016040.14SP.60	1.09.016040.14SP.60	1.09.016080.24SP.60	
Packeinheit (Stück)	1.10.016040.14SP.61 (20)	1.09.016040.14SP.61 (20)	1.09.016080.24SP.61 (10)	
Trägheitsmoment cm4	I_x = 5,3 I_y = 1,0	I_x = 7,2 I_y = 1,1	I_x = 48,3 I_y = 2,2	
Widerstandsmoment cm3	W_x = 2,7 W_y = 1,0	W_x = 3,6 W_y = 1,1	W_x = 12,0 W_y = 2,2	
Gewicht kg/m	G = 1,0	G = 1,14	G = 2,11	

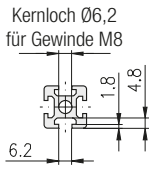
Bearbeitungsangaben ☞ *Profil-Bearbeitung 1.1A (Katalog "Das Profil System")*

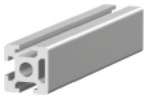
leicht



Bezeichnung			Profil 20×20, 2H, LP	
Stange, 6 m			1.10.020020.23LP.60	
Packeinheit (Stück)			1.10.020020.23LP.61 (10)	
Trägheitsmoment cm4 Widerstandsmoment cm3 Gewicht kg/m			I_x = 1,0 I_y = 0,8 W_x = 1,0 W_y = 0,8 G = 0,58	

schwer

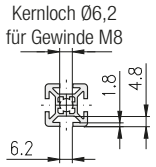




Bezeichnung	Profil 20×20, 2H, Soft, SP	Profil 20×20, 2H, Eck, SP		Profil 20×20, 3H, SP
Stange, 6 m	1.10.020020.21SP.60	1.10.020020.22SP.60		1.10.020020.33SP.60
Packeinheit (Stück)	1.10.020020.21SP.61 (10)	1.10.020020.22SP.61 (10)		1.10.020020.33SP.61 (10)
Trägheitsmoment cm4 Widerstandsmoment cm3 Gewicht kg/m	I_x = 0,6 I_y = 0,6 W_x = 0,6 W_y = 0,6 G = 0,52	I_x = 1,0 I_y = 1,0 W_x = 0,9 W_y = 0,9 G = 0,68		I_x = 0,9 I_y = 0,9 W_x = 0,9 W_y = 0,9 G = 0,65

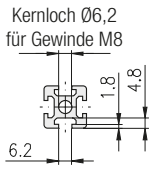
Bearbeitungsangaben ☞ *Profil-Bearbeitung 1.1A (Katalog "Das Profil System")*

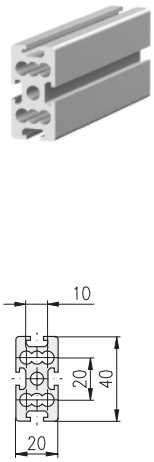
leicht



Bezeichnung	Profil 20×20, 4H, LP		Profil 20×40, 6H, LP	Profil 40×40, 8H, LP
Stange, 6 m	1.10.020020.43LP.60		1.10.020040.64LP.60	1.10.040040.83LP.60
Packeinheit (Stück)	1.10.020020.43LP.61 (10)		1.10.020040.64LP.61 (10)	1.10.040040.83LP.61 (10)
Trägheitsmoment cm⁴	I_x = 0,8 I_y = 0,8		I_x = 5,3 I_y = 1,4	I_x = 10,0 I_y = 10,0
Widerstandsmoment cm³	W_x = 0,8 W_y = 0,8		W_x = 2,6 W_y = 1,4	W_x = 5,0 W_y = 5,0
Gewicht kg/m	G = 0,53		G = 0,9	G = 1,5

schwer

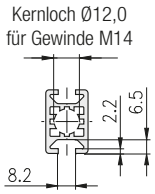


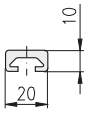


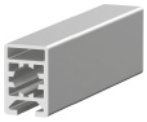
Bezeichnung	Profil 20×20, 4H, SP	Profil 20×40, 4H, SP	Profil 20×40, 6H, SP	
Stange, 6 m	1.10.020020.43SP.60	1.10.020040.44SP.60	1.10.020040.64SP.60	
Packeinheit (Stück)	1.10.020020.43SP.61 (10)	1.10.020040.44SP.61 (10)	1.10.020040.64SP.61 (10)	
Trägheitsmoment cm⁴	I_x = 0,9 I_y = 0,9	I_x = 7,0 I_y = 2,0	I_x = 6,4 I_y = 1,7	
Widerstandsmoment cm³	W_x = 0,9 W_y = 0,9	W_x = 3,5 W_y = 2,0	W_x = 3,2 W_y = 1,7	
Gewicht kg/m	G = 0,62	G = 1,3	G = 1,3	

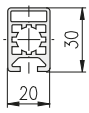
Bearbeitungsangaben ☞ *Profil-Bearbeitung 1.1A (Katalog "Das Profil System")*

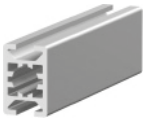
leicht

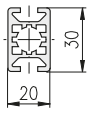






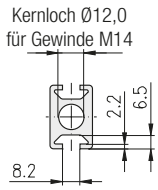


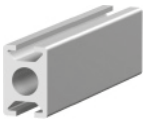


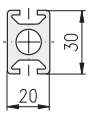


Bezeichnung	Profil 20×10, 1F, LP	Profil 20×30, 1F, LP	Profil 20×30, 2F, LP	
Stange, 6 m	1.11.020010.14LP.60	1.11.020030.14LP.60	1.11.020030.24LP.60	
Packeinheit (Stück)	1.11.020010.14LP.61 (10)	1.11.020030.14LP.61 (10)	1.11.020030.24LP.61 (10)	
Trägheitsmoment cm4	I_x = 0,1 I_y = 0,6	I_x = 2,2 I_y = 1,4	I_x = 2,2 I_y = 1,5	
Widerstandsmoment cm3	W_x = 0,2 W_y = 0,5	W_x = 1,5 W_y = 1,4	W_x = 1,5 W_y = 1,5	
Gewicht kg/m	G = 0,35	G = 0,7	G = 0,74	

schwer



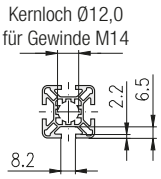


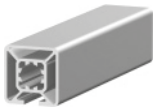


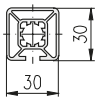
Bezeichnung			Profil 20×30, 2F, SP	
Stange, 6 m			1.11.020030.24SP.60	
Packeinheit (Stück)			1.11.020030.24SP.61 (10)	
Trägheitsmoment cm4			I_x = 2,6 I_y = 1,9	
Widerstandsmoment cm3			W_x = 1,7 W_y = 1,7	
Gewicht kg/m			G = 1,0	

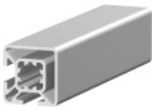
Bearbeitungsangaben ☞ *Profil-Bearbeitung 1.1A (Katalog "Das Profil System")*

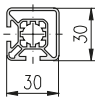
leicht





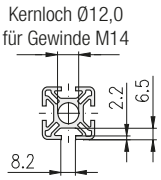


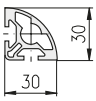


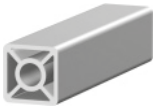


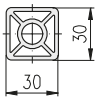
Bezeichnung			Profil 30×30, 1F, LP	Profil 30×30, 2F, Eck, LP
Stange, 6 m			1.11.030030.13LP.60	1.11.030030.22LP.60
Packeinheit (Stück)			1.11.030030.13LP.61 (10)	1.11.030030.22LP.61 (10)
Trägheitsmoment cm4 Widerstandsmoment cm3 Gewicht kg/m			I_x = 3,1 I_y = 3,1 W_x = 2,1 W_y = 2,1 G = 0,9	I_x = 3,2 I_y = 3,2 W_x = 2,1 W_y = 2,1 G = 0,9

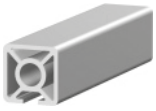
schwer

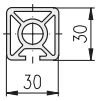


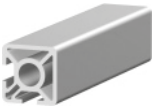


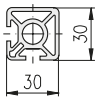






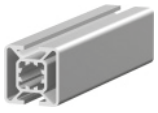
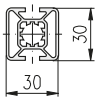
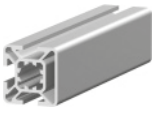
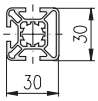
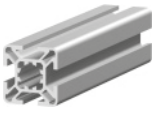
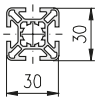
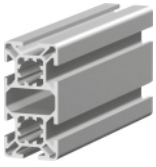
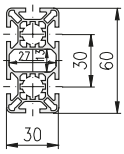


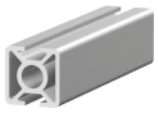
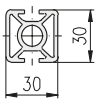
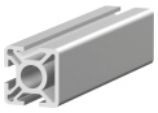
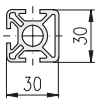
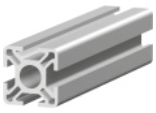
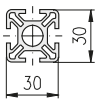
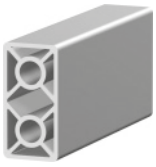
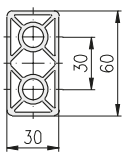
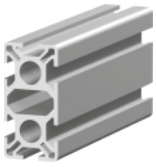
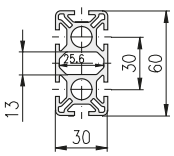




Bezeichnung	Profil 30×30, 2F, Soft, SP	Profil 30×30, 0F, SP	Profil 30×30, 1F, SP	Profil 30×30, 2F, Eck, SBP
Stange, 6 m	1.11.030030.21SP.60	1.11.030030.03SP.60	1.11.030030.13SP.60	1.11.030030.22SBP.60
Packeinheit (Stück)	1.11.030030.21SP.61 (10)	1.11.030030.03SP.61 (10)	1.11.030030.13SP.61 (10)	1.11.030030.22SBP.61(10)
Trägheitsmoment cm4 Widerstandsmoment cm3 Gewicht kg/m	I_x = 2,7 I_y = 2,7 W_x = 1,6 W_y = 1,6 G = 0,9	I_x = 4,4 I_y = 4,4 W_x = 2,3 W_y = 2,3 G = 1,3	I_x = 4,3 I_y = 4,0 W_x = 2,9 W_y = 2,6 G = 1,2	I_x = 3,7 I_y = 3,7 W_x = 2,4 W_y = 2,4 G = 1,1

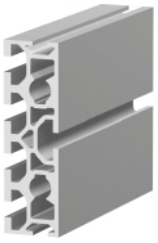
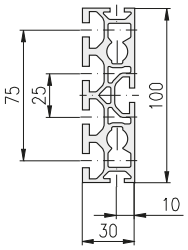
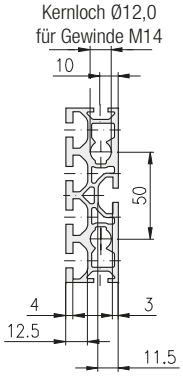
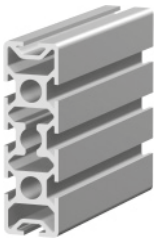
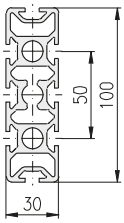
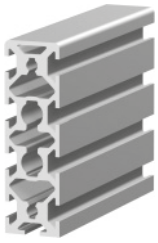
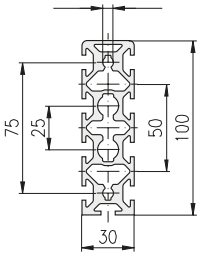
Bearbeitungsangaben ☞ *Profil-Bearbeitung 1.1A (Katalog "Das Profil System")*

 	 	 		 
Profil 30×30, 2F, LP	Profil 30×30, 3F, LP	Profil 30×30, 4F, LP		Profil 30×60, 6F, LP
1.11.030030.23LP.60	1.11.030030.33LP.60	1.11.030030.43LP.60		1.11.030060.64LP.60
1.11.030030.23LP.61 (10)	1.11.030030.33LP.61 (10)	1.11.030030.43LP.61 (10)		1.11.030060.64LP.61 (6)
I_x = 3,2 I_y = 3,2 W_x = 2,1 W_y = 2,1 G = 0,9	I_x = 3,3 I_y = 3,2 W_x = 2,2 W_y = 2,2 G = 0,9	I_x = 3,3 I_y = 3,3 W_x = 2,2 W_y = 2,2 G = 0,9		I_x = 21,2 I_y = 5,7 W_x = 7,0 W_y = 3,8 G = 1,6

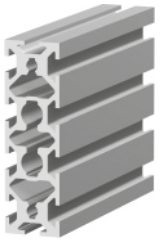
 	 	 	 	 
Profil 30×30, 2F, SP	Profil 30×30, 3F, SP	Profil 30×30, 4F, SP	Profil 30×60, 0F, SP	Profil 30×60, 6F, SP
1.11.030030.23SP.60	1.11.030030.33SP.60	1.11.030030.43SP.60	1.11.030060.04SP.60	1.11.030060.65SP.60
1.11.030030.23SP.61 (10)	1.11.030030.33SP.61 (10)	1.11.030030.43SP.61 (10)	1.11.030060.04SP.61 (6)	1.11.030060.65SP.61 (6)
I_x = 3,6 I_y = 3,9 W_x = 2,4 W_y = 2,6 G = 1,1	I_x = 3,5 I_y = 3,7 W_x = 2,4 W_y = 2,4 G = 1,1	I_x = 3,5 I_y = 3,5 W_x = 2,4 W_y = 2,4 G = 1,1	I_x = 29,0 I_y = 7,8 W_x = 9,6 W_y = 5,2 G = 2,2	I_x = 25,0 I_y = 7,0 W_x = 8,3 W_y = 4,7 G = 2,1

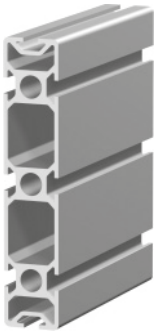
Bearbeitungsangaben ☞ *Profil-Bearbeitung 1.1A (Katalog "Das Profil System")*

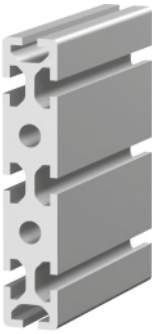
leicht				
Bezeichnung				
Stange, 6 m				
Packeinheit (Stück)				
Trägheitsmoment cm4 Widerstandsmoment cm3 Gewicht kg/m				

schwer				
	 		 	 
Bezeichnung	Profil 30×100, 5E, 2F, SP		Profil 30×100, 8F, SP	Profil 30×100, 9F, SP
Stange, 6 m	1.11.030100.74SP.60		1.11.030100.84SP.60	1.11.030100.94SP.60
Packeinheit (Stück)	1.11.030100.74SP.61 (4)		1.11.030100.84SP.61 (4)	1.11.030100.94SP.61 (4)
Trägheitsmoment cm4 Widerstandsmoment cm3 Gewicht kg/m	I_x = 108,9 I_y = 12,4 W_x = 21,7 W_y = 8,3 G = 3,5		I_x = 115,0 I_y = 11,6 W_x = 22,9 W_y = 7,7 G = 3,4	I_x = 130,6 I_y = 11,9 W_x = 25,9 W_y = 7,9 G = 3,6

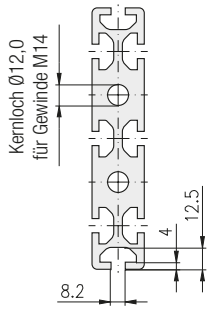
Bearbeitungsangaben ☞ *Profil-Bearbeitung 1.1A (Katalog "Das Profil System")*

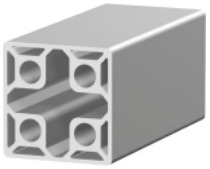


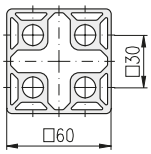




Verbindungsmöglichkeiten
☞ *110, Universal-Verbinder*
☞ *114, ST-Verbinder*
(Katalog "Das Profil System")



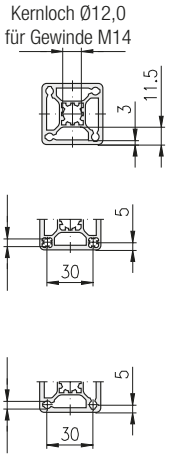




Profil 30×100, 10F, SP	Profil 30×150, 8F, SP	Profil 30×150, 8E, SP	Profil 60×60, 0F, SP
1.11.030100.104SP.60	1.11.030150.85SP.60	1.11.030150.84SP.60	1.11.060060.03SP.60
1.11.030100.104SP.61 (4)	1.11.030150.85SP.61 (2)	1.11.030150.84SP.61 (2)	1.11.060060.03SP.61 (6)
I_x = 127,0 I_y = 11,9 W_x = 25,4 W_y = 7,9 G = 3,6	I_x = 340,0 I_y = 16,0 W_x = 45,0 W_y = 11,0 G = 4,1	I_x = 481,0 I_y = 25,1 W_x = 64,1 W_y = 16,7 G = 7,9	I_x = 58,2 I_y = 58,2 W_x = 15,5 W_y = 15,5 G = 4,0

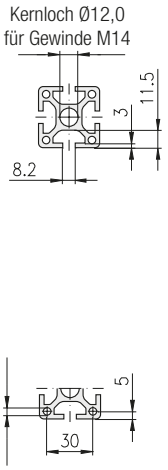
Bearbeitungsangaben ☞ *Profil-Bearbeitung 1.1A (Katalog "Das Profil System")*

leicht



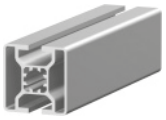
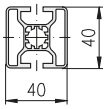
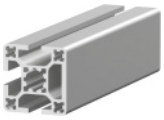
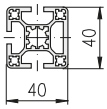
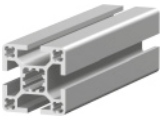
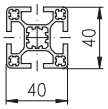
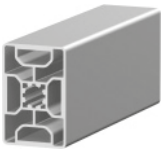
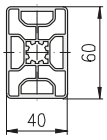
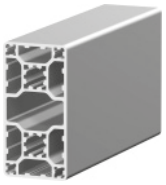
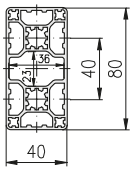
Bezeichnung	Profil 40×40, 2E, Soft, LP		Profil 40×40, 1E, LP	Profil 40×40, 2E, Eck, LP
Stange, 6 m	1.11.040040.21LP.60		1.11.040040.13LP.60	1.11.040040.22LP.60
Packeinheit (Stück)	1.11.040040.21LP.61 (8)		1.11.040040.13LP.61 (8)	1.11.040040.22LP.61 (8)
Trägheitsmoment cm4	I_x = 6,4 I_y = 6,4		I_x = 8,5 I_y = 8,1	I_x = 8,0 I_y = 8,0
Widerstandsmoment cm3	W_x = 3,8 W_y = 3,8		W_x = 4,1 W_y = 4,0	W_x = 4,0 W_y = 4,0
Gewicht kg/m	G = 1,2		G = 1,3	G = 1,3

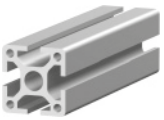
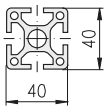
schwer



Bezeichnung		Profil 40×40, 0E, SP		Profil 40×40, 2E, Eck, SP
Stange, 6 m		1.11.040040.03SP.60		1.11.040040.22SP.60
Packeinheit (Stück)		1.11.040040.03SP.61 (8)		1.11.040040.22SP.61 (8)
Trägheitsmoment cm4		I_x = 12,0 I_y = 12,0		I_x = 12,0 I_y = 12,0
Widerstandsmoment cm3		W_x = 6,0 W_y = 6,0		W_x = 6,0 W_y = 6,0
Gewicht kg/m		G = 1,8		G = 2,0

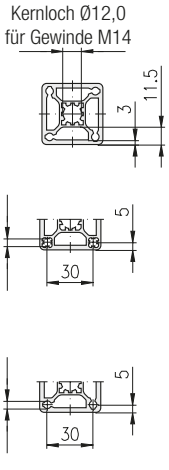
Bearbeitungsangaben ☞ *Profil-Bearbeitung 1.1A (Katalog "Das Profil System")*

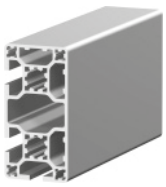
 	 	 	 	 
Profil 40×40, 2E, LP	Profil 40×40, 3E, LP	Profil 40×40, 4E, LP	Profil 40×60, 0E, LP	Profil 40×80, 0E, LP
1.11.040040.23LP.60	1.11.040040.33LP.60	1.11.040040.43LP.60	1.11.040060.04LP.60	1.11.040080.04LP.60
1.11.040040.23LP.61 (8)	1.11.040040.33LP.61 (8)	1.11.040040.43LP.61 (8)	1.11.040060.04LP.61 (8)	1.11.040080.04LP.61 (4)
I_x = 8,2 I_y = 7,5 W_x = 4,1 W_y = 3,8 G = 1,3	I_x = 9,4 I_y = 10,0 W_x = 4,7 W_y = 5,0 G = 1,5	I_x = 9,9 I_y = 9,9 W_x = 4,9 W_y = 4,9 G = 1,5	I_x = 27,7 I_y = 13,1 W_x = 9,3 W_y = 6,5 G = 2,1	I_x = 66,8 I_y = 18,4 W_x = 16,7 W_y = 9,2 G = 2,7

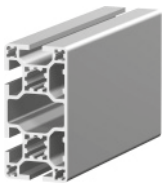
		 		
		Profil 40×40, 4E, SP		
		1.11.040040.43SP.60		
		1.11.040040.43SP.61 (8)		
		I_x = 12,0 I_y = 12,0 W_x = 6,0 W_y = 6,0 G = 2,0		

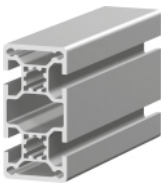
Bearbeitungsangaben ☞ *Profil-Bearbeitung 1.1A (Katalog "Das Profil System")*

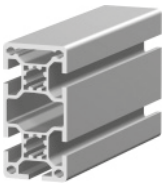
leicht

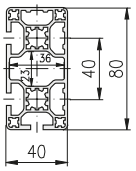


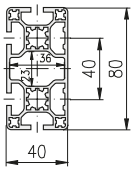


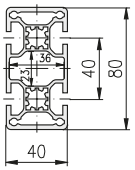


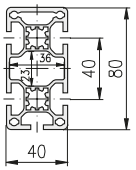






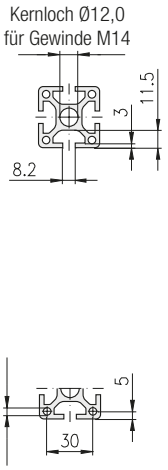






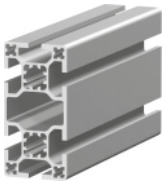
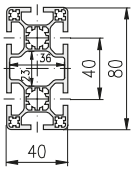
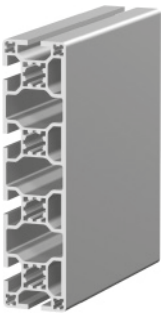
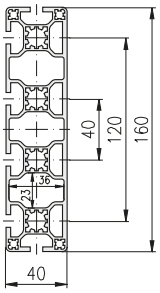
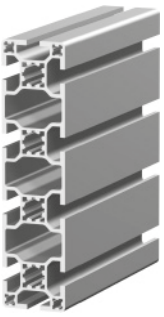
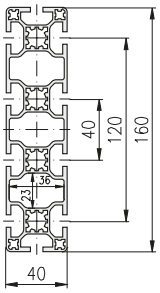
Bezeichnung	Profil 40×80, 3E, Eck, LP	Profil 40×80, 4E, LP	Profil 40×80, 4E, LBP	Profil 40×80, 5E, LP
Stange, 6 m	1.11.040080.32LP.60	1.11.040080.44LP.60	1.11.040080.44LBP.60	1.11.040080.54LP.60
Packeinheit (Stück)	1.11.040080.32LP.61 (4)	1.11.040080.44LP.61 (4)	1.11.040080.44LBP.61 (4)	1.11.040080.54LP.61 (4)
Trägheitsmoment cm^4	I_x = 65,2 I_y = 17,9	I_x = 64,0 I_y = 17,9	I_x = 74,5 I_y = 18,3	I_x = 72,2 I_y = 18,1
Widerstandsmoment cm^3	W_x = 16,3 W_y = 8,9	W_x = 16,0 W_y = 8,9	W_x = 18,6 W_y = 9,2	W_x = 18,0 W_y = 9,0
Gewicht kg/m	G = 2,6	G = 2,6	G = 2,8	G = 2,8

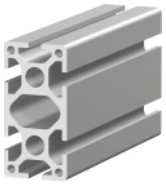
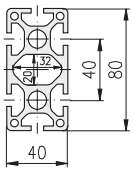
schwer



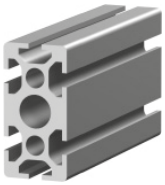
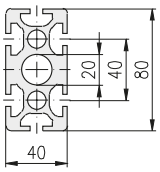
Bezeichnung				
Stange, 6 m				
Packeinheit (Stück)				
Trägheitsmoment cm^4				
Widerstandsmoment cm^3				
Gewicht kg/m				

Bearbeitungsangaben ☞ *Profil-Bearbeitung 1.1A (Katalog "Das Profil System")*

 	 	 
Profil 40×80, 6E, LP	Profil 40×160, 6E, LP	Profil 40×160, 10E, LP
1.11.040080.64LP.60	1.11.040160.64LP.60	1.11.040160.104LP.60
1.11.040080.64LP.61 (4)	1.11.040160.64LP.61 (2)	1.11.040160.104LP.61 (2)
I_x = 62,7 I_y = 17,7 W_x = 15,6 W_y = 8,8 G = 2,5	I_x = 450,4 I_y = 36,3 W_x = 56,3 W_y = 18,1 G = 5,0	I_x = 433,5 I_y = 33,1 W_x = 54,2 W_y = 16,5 G = 4,7

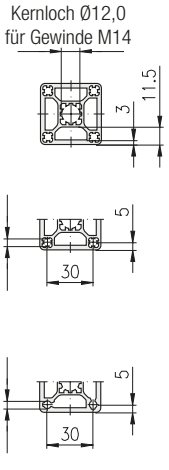
 		
Profil 40×80, 6E, SP		
1.11.040080.64SP.60		
1.11.040080.64SP.61 (4)		
I_x = 82,0 I_y = 23,4 W_x = 20,5 W_y = 11,7 G = 3,8		

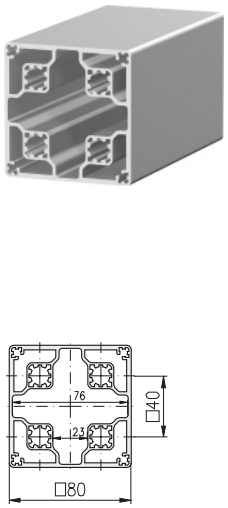
extra schwer

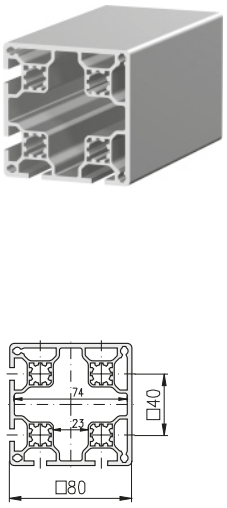
 
Profil 40×80, 6E, XP
1.11.040080.64XP.60
1.11.040080.64XP.61 (4)
I_x = 90,0 I_y = 27,0 W_x = 22,5 W_y = 13,5 G = 4,4

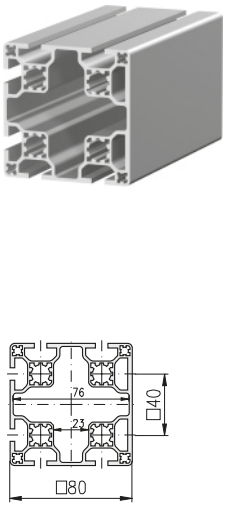
Bearbeitungsangaben ☞ *Profil-Bearbeitung 1.1A (Katalog "Das Profil System")*

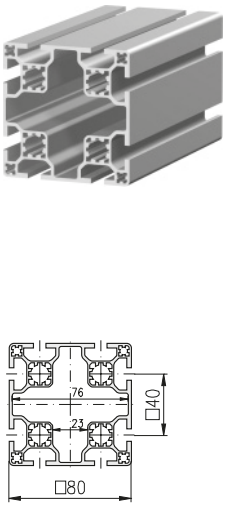
leicht





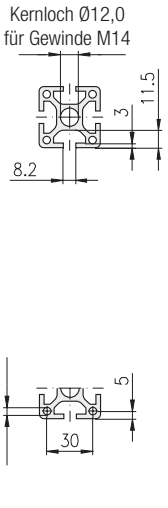


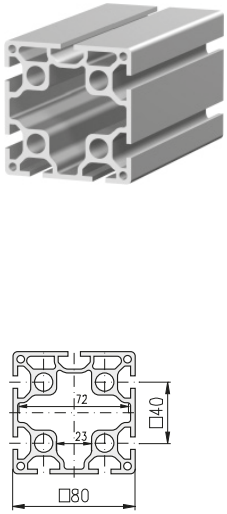


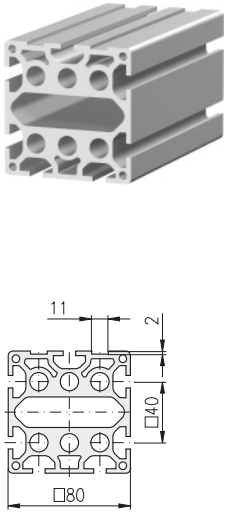


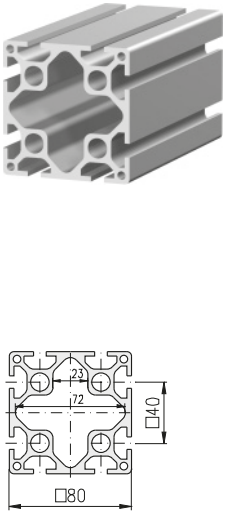
Bezeichnung	Profil 80×80, 0E, LP	Profil 80×80, 4E, Eck, LP	Profil 80×80, 6E, LP	Profil 80×80, 8E, LP
Stange, 6 m	1.11.080080.03LP.60	1.11.080080.42LP.60	1.11.080080.63LP.60	1.11.080080.83LP.60
Packeinheit (Stück)	1.11.080080.03LP.61 (2)	1.11.080080.42LP.61 (2)	1.11.080080.63LP.61 (2)	1.11.080080.83LP.61 (2)
Trägheitsmoment cm4 Widerstandsmoment cm3 Gewicht kg/m	I_x = 135,0 I_y = 135,0 W_x = 33,5 W_y = 33,5 G = 4,7	I_x = 128,0 I_y = 128,0 W_x = 32,0 W_y = 32,0 G = 4,5	I_x = 121,3 I_y = 116,0 W_x = 30,3 W_y = 29,0 G = 4,2	I_x = 114,0 I_y = 114,0 W_x = 28,4 W_y = 28,4 G = 4,1

schwer



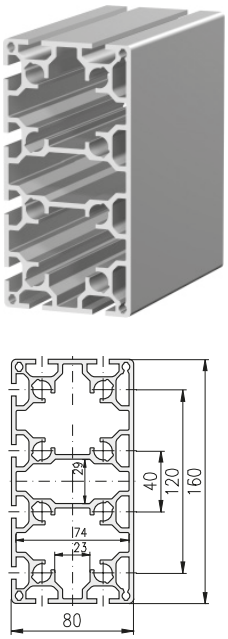


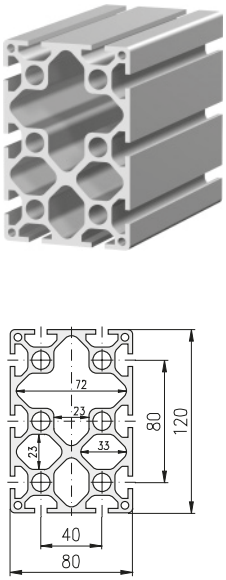
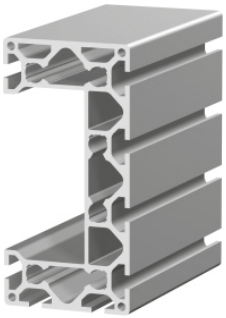
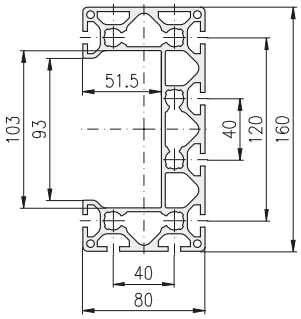
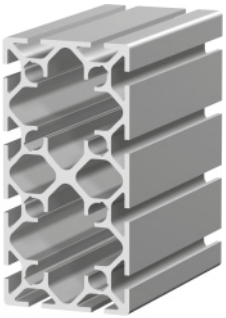
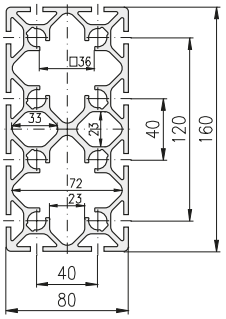
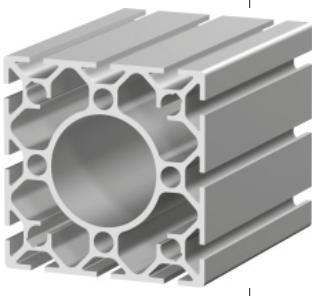
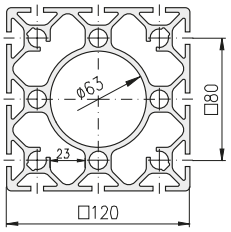




Bezeichnung		Profil 80×80, 7E, SBP	Profil 80×80, 7E, SP	Profil 80×80, 8E, SP
Stange, 6 m		1.11.080080.73SBP.60	1.11.080080.79SP.60	1.11.080080.83SP.60
Packeinheit (Stück)		1.11.080080.73SBP.61 (2)	1.11.080080.79SP.61 (2)	1.11.080080.83SP.61 (2)
Trägheitsmoment cm4 Widerstandsmoment cm3 Gewicht kg/m		I_x = 145,0 I_y = 141,0 W_x = 36,2 W_y = 35,2 G = 5,3	I_x = 173,0 I_y = 160,0 W_x = 43,3 W_y = 40,0 G = 7,6	I_x = 166,0 I_y = 166,0 W_x = 41,4 W_y = 41,4 G = 5,9

Bearbeitungsangaben ☞ *Profil-Bearbeitung 1.1A (Katalog "Das Profil System")*

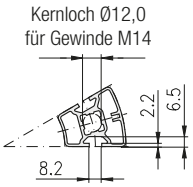
				
	Profil 80×160, 8E, LP			
	1.11.080160.84LP.60			
	1.11.080160.84LP.61 (2)			
	I_x = 828,0 I_y = 259,0 W_x = 104,0 W_y = 65,0 G = 8,6			

	 Verwendung ☞ *E-Kanalprofile, 59, 324-327 (Katalog "Das Profil System")* 	 	 
Profil 80×120, 10E, SP	Profil 80×160, 8E, SP	Profil 80×160, 12E, SP	Profil 120×120, 12E, SP
1.11.080120.104SP.60	1.11.080160.89SP.60	1.11.080160.124SP.60	1.11.120120.123SP.60
1.11.080120.104SP.61 (2)	1.11.080160.89SP.61 (2)	1.11.080160.124SP.61 (2)	1.11.120120.123SP.61 (2)
I_x = 449,9 I_y = 217,8 W_x = 72,6 W_y = 54,4 G = 8,6	I_x = 944,0 I_y = 183,0 W_x = 118,0 W_y = 45,8 G = 7,9	I_x = 883,0 I_y = 269,0 W_x = 110,0 W_y = 67,3 G = 9,4	I_x = 624,0 I_y = 624,0 W_x = 104,0 W_y = 104,0 G = 10,6

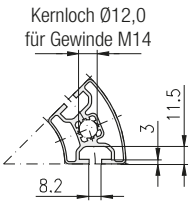
Bearbeitungsangaben ☞ *Profil-Bearbeitung 1.1A (Katalog "Das Profil System")*

leicht

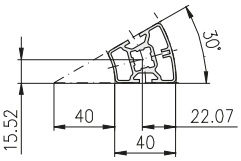
F-Nut

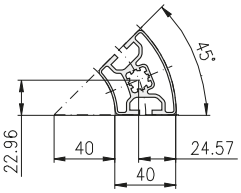


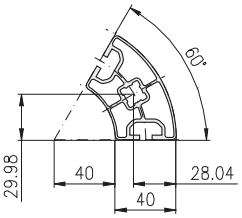
E3-Nut



F-Nut



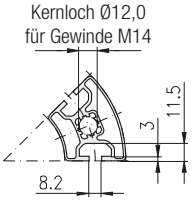


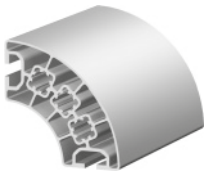


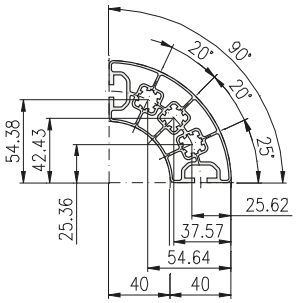
Verbindungsmöglichkeiten und Berechnungsformeln für Vielecke ☞ *1.2D*

Bezeichnung	Profil 40, Rund 30°, 2F, LP	Profil 40, Rund 45°, 2E, LP	Profil 40, Rund 60°, 2E, LP	
Stange, 6 m	1.11.040R30.20LP.60	1.11.040R45.20LP.60	1.11.040R60.20LP.60	
Packeinheit (Stück)	1.11.040R30.20LP.61 (8)	1.11.040R45.20LP.61 (8)	1.11.040R60.20LP.61 (8)	
Trägheitsmoment cm⁴	I_x = 6,0 I_y = 4,8	I_x = 14,5 I_y = 8,0	I_x = 30,0 I_y = 10,5	
Widerstandsmoment cm³	W_x = 3,0 W_y = 2,4	W_x = 4,9 W_y = 3,7	W_x = 7,6 W_y = 4,6	
Gewicht kg/m	G = 1,2	G = 1,6	G = 1,9	

leicht





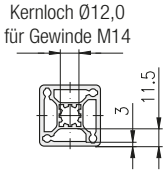


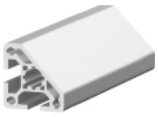
Verbindungsmöglichkeiten und Berechnungsformeln für Vielecke ☞ *1.2D*

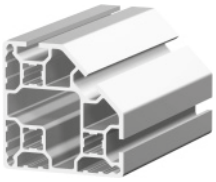
Bezeichnung	Profil 40, Rund 90°, 2E, LP	
Stange, 6 m	1.11.040R90.20LP.60	
Packeinheit (Stück)	1.11.040R90.20LP.61 (4)	
Trägheitsmoment cm⁴	I_x = 89,0 I_y = 89,0	
Widerstandsmoment cm³	W_x = 16,0 W_y = 16,0	
Gewicht kg/m	G = 3,0	

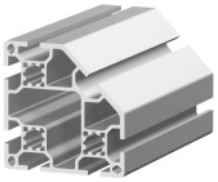
Bearbeitungsangaben ☞ *Profil-Bearbeitung 1.1A (Katalog "Das Profil System")*

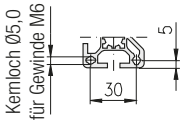
leicht

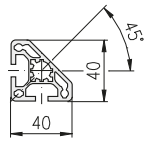


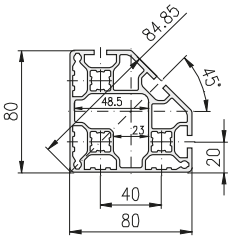


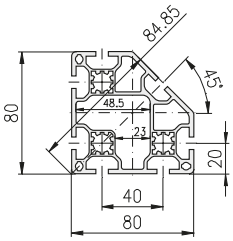








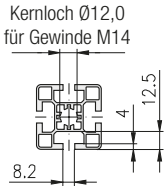


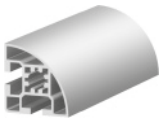


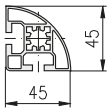
Bezeichnung	Profil 40×40, 2E, 45°, LP	Profil 80×80, 3E, 45°, LP	Profil 80×80, 7E, 45°, LP	
Stange, 6 m	1.11.040040.28LP.60	1.11.080080.38LP.60	1.11.080080.78LP.60	
Packeinheit (Stück)	1.11.040040.28LP.61 (8)	1.11.080080.38LP.61 (2)	1.11.080080.78LP.61 (2)	
Trägheitsmoment cm^4 Widerstandsmoment cm^3 Gewicht kg/m	I_x = 7,3 I_y = 7,3 W_x = 3,9 W_y = 3,9 G = 1,4	I_x = 105,0 I_y = 105,0 W_x = 26,0 W_y = 26,0 G = 4,1	I_x = 99,3 I_y = 99,3 W_x = 24,8 W_y = 24,8 G = 4,0	

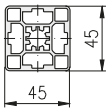
Bearbeitungsangaben ☞ *Profil-Bearbeitung 1.1A (Katalog "Das Profil System")*

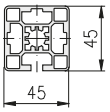
leicht

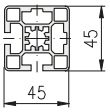




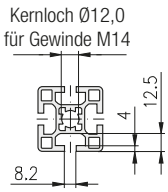


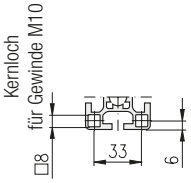




Bezeichnung	Profil 45×45, 2E, Soft, LP	Profil 45×45, 0E, LP	Profil 45×45, 1E, LP	Profil 45×45, 2E, Eck, LP
Stange, 6 m	1.11.045045.21LP.60	1.11.045045.03LP.60	1.11.045045.13LP.60	1.11.045045.22LP.60
Packeinheit (Stück)	1.11.045045.21LP.61 (8)	1.11.045045.03LP.61 (8)	1.11.045045.13LP.61 (8)	1.11.045045.22LP.61 (8)
Trägheitsmoment cm4	I_x = 11,4 I_y = 11,4	I_x = 15,5 I_y = 15,5	I_x = 14,7 I_y = 15,5	I_x = 14,7 I_y = 14,7
Widerstandsmoment cm3	W_x = 5,1 W_y = 5,1	W_x = 6,9 W_y = 6,9	W_x = 6,5 W_y = 6,8	W_x = 6,6 W_y = 6,6
Gewicht kg/m	G = 1,6	G = 2,2	G = 2,1	G = 2,0

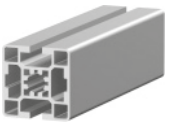
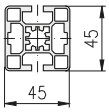
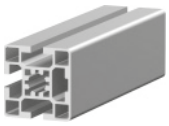
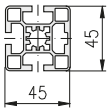
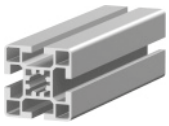
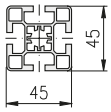
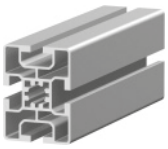
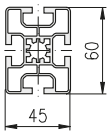
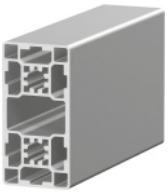
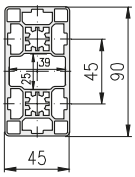
schwer

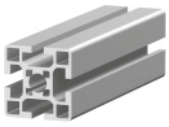
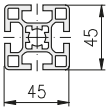
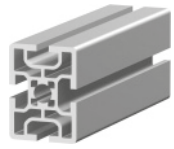
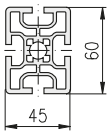
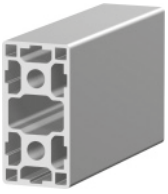
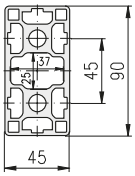




Bezeichnung				
Stange, 6 m				
Packeinheit (Stück)				
Trägheitsmoment cm4				
Widerstandsmoment cm3				
Gewicht kg/m				

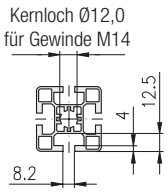
Bearbeitungsangaben ☞ *Profil-Bearbeitung 1.1A (Katalog "Das Profil System")*

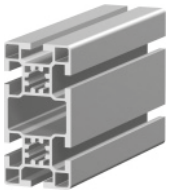
 	 	 	 	 
Profil 45×45,	Profil 45×45, 2E, LP	Profil 45×45, 3E, LP	Profil 45×60, 4E, LP	Profil 45×90, 4E, LP 0E, LP
1.11.045045.23LP.60	1.11.045045.33LP.60	1.11.045045.43LP.60	1.11.045060.44LP.60	1.11.045090.04LP.60
1.11.045045.23LP.61 (8)	1.11.045045.33LP.61 (8)	1.11.045045.43LP.61 (8)	1.11.045060.44LP.61 (6)	1.11.045090.04LP.61 (4)
I_x = 14,0 I_y = 15,5 W_x = 6,2 W_y = 6,9 G = 2,0	I_x = 14,0 I_y = 14,7 W_x = 6,2 W_y = 6,5 G = 2,1	I_x = 13,5 I_y = 13,5 W_x = 6,0 W_y = 6,0 G = 1,9	I_x = 26,5 I_y = 16,0 W_x = 9,0 W_y = 7,2 G = 2,3	I_x = 107,5 I_y = 30,4 W_x = 23,9 W_y = 13,5 G = 3,6

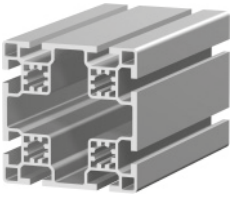
		 	 	 
		Profil 45×45, 4E, SP	Profil 45×60, 4E, SP	Profil 45×90, 0E, SP
		1.11.045045.43SP.60	1.11.045060.44SP.60	1.11.045090.04SP.60
		1.11.045045.43SP.61 (8)	1.11.045060.44SP.61 (6)	1.11.045090.04SP.61 (4)
		I_x = 15,5 I_y = 15,5 W_x = 6,9 W_y = 6,9 G = 2,1	I_x = 38,0 I_y = 23,5 W_x = 13,0 W_y = 10,4 G = 3,0	I_x = 134,3 I_y = 36,3 W_x = 29,8 W_y = 16,2 G = 4,7

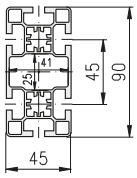
Bearbeitungsangaben ☞ *Profil-Bearbeitung 1.1A (Katalog "Das Profil System")*

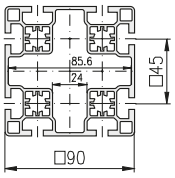
leicht





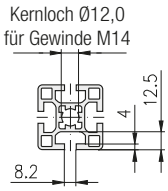


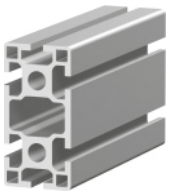


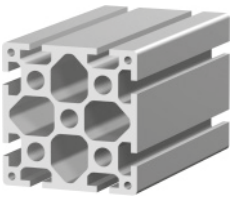


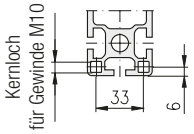
Bezeichnung	Profil 45×90, 6E, LP	Profil 90×90, 8E, LP		
Stange, 6 m	1.11.045090.64LP.60	1.11.090090.83LP.60		
Packeinheit (Stück)	1.11.045090.64LP.61 (4)	1.11.090090.83LP.61 (2)		
Trägheitsmoment cm^4	I_x = 98,0 I_y = 27,5	I_x = 190,5 I_y = 190,5		
Widerstandsmoment cm^3	W_x = 21,8 W_y = 12,2	W_x = 42,3 W_y = 42,3		
Gewicht kg/m	G = 3,3	G = 5,6		

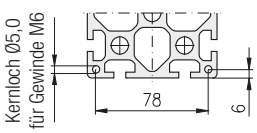
schwer

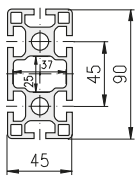


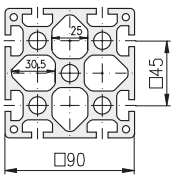








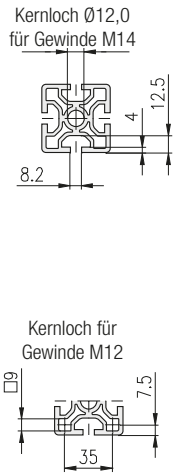
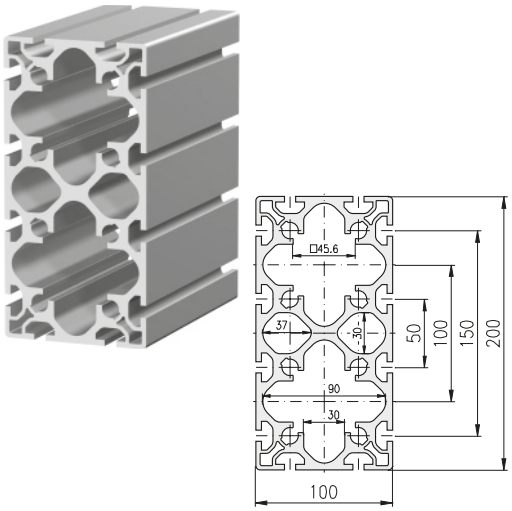




Bezeichnung	Profil 45×90, 6E, SP	Profil 90×90, 8E, SP		
Stange, 6 m	1.11.045090.64SP.60	1.11.090090.83SP.60		
Packeinheit (Stück)	1.11.045090.64SP.61 (4)	1.11.090090.83SP.61 (2)		
Trägheitsmoment cm^4	I_x = 126,0 I_y = 34,0	I_x = 282,0 I_y = 282,0		
Widerstandsmoment cm^3	W_x = 28,0 W_y = 15,0	W_x = 63,0 W_y = 63,0		
Gewicht kg/m	G = 4,4	G = 9,5		

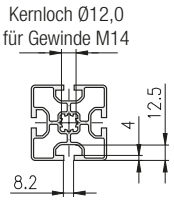
Bearbeitungsangaben ☞ *Profil-Bearbeitung 1.1A (Katalog "Das Profil System")*

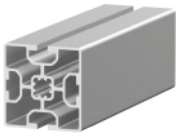
leicht				

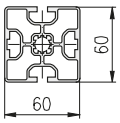
schwer			
			
Bezeichnung	Profil 100×200, 12E, SP		
Stange, 6 m	1.11.100200.124SP.60		
Packeinheit (Stück)	1.11.100200.124SP.61 (2)		
Trägheitsmoment cm⁴ Widerstandsmoment cm³ Gewicht kg/m	I_x = 2.450 I_y = 760 W_x = 250 W_y = 152 G = 17,2		

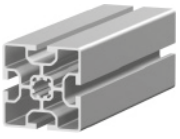
Bearbeitungsangaben ☞ *Profil-Bearbeitung 1.1A (Katalog "Das Profil System")*

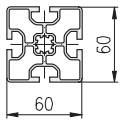
leicht





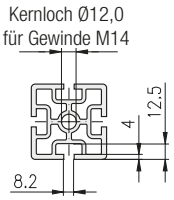


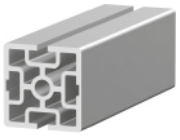


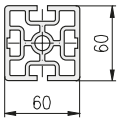


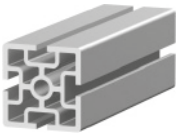
Bezeichnung	Profil 60×60, 2E, LP	Profil 60×60, 4E, LP		
Stange, 6 m	1.11.060060.23LP.60	1.11.060060.43LP.60		
Packeinheit (Stück)	1.11.060060.23LP.61 (6)	1.11.060060.43LP.61 (6)		
Trägheitsmoment cm⁴ Widerstandsmoment cm³ Gewicht kg/m	I_x = 35,1 I_y = 37,7 W_x = 11,7 W_y = 12,5 G = 2,9	I_x = 35,5 I_y = 35,5 W_x = 11,7 W_y = 11,7 G = 2,7		

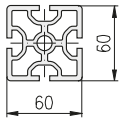
schwer

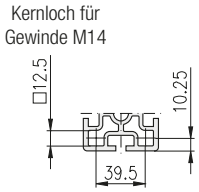








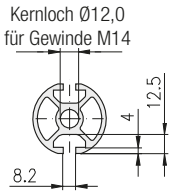


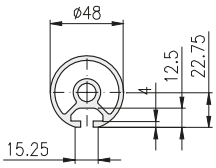


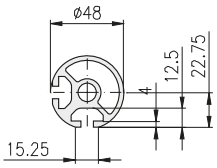
Bezeichnung	Profil 60×60, 2E, SP	Profil 60×60, 4E, SP		
Stange, 6 m	1.11.060060.23SP.60	1.11.060060.43SP.60		
Packeinheit (Stück)	1.11.060060.23SP.61 (6)	1.11.060060.43SP.61 (6)		
Trägheitsmoment cm⁴ Widerstandsmoment cm³ Gewicht kg/m	I_x = 55,9 I_y = 58,5 W_x = 18,6 W_y = 19,5 G = 4,3	I_x = 56,0 I_y = 56,0 W_x = 18,7 W_y = 18,7 G = 4,2		

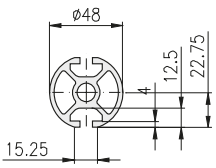
Bearbeitungsangaben ☞ *Profil-Bearbeitung 1.1A (Katalog "Das Profil System")*

schwer





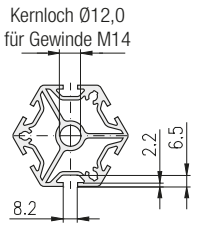


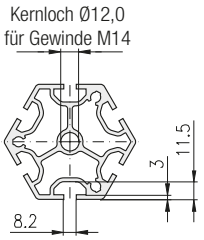


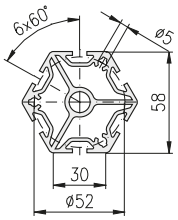
Bezeichnung	Profil 48, Rund, 1E, SP	Profil 48, Rund, 2E, Eck, SP	Profil 48, Rund, 2E, SP	
Stange, 6 m	1.11.048R00.10SP.60	1.11.048R00.22SP.60	1.11.048R00.20SP.60	
Packeinheit (Stück)	1.11.048R00.10SP.61 (6)	1.11.048R00.22SP.61 (6)	1.11.048R00.20SP.61 (6)	
Trägheitsmoment cm^4	I_x = 12,5 I_y = 12,9	I_x = 12,0 I_y = 12,0	I_x = 12,5 I_y = 13,5	
Widerstandsmoment cm^3	W_x = 4,9 W_y = 5,4	W_x = 5,0 W_y = 5,0	W_x = 5,1 W_y = 5,9	
Gewicht kg/m	G = 1,8	G = 2,0	G = 2,0	

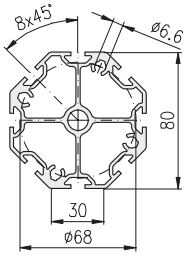
Profile 6-/8-kant, P (plan)

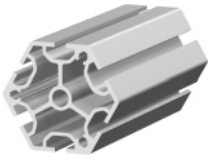
schwer

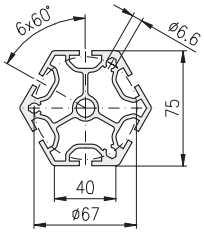


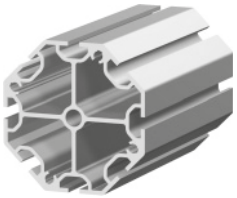


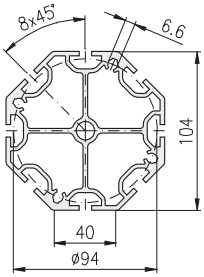








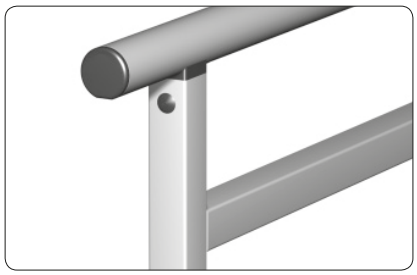




Bezeichnung	Profil 30, 6-kant, 6F, SP	Profil 30, 8-kant, 8F, SP	Profil 40, 6-kant, 6E, SP	Profil 40, 8-kant, 8E, SP
Stange, 6 m	1.11.0306kt.69SP.60	1.11.0308kt.89SP.60	1.11.0406kt.69SP.60	1.11.0408kt.89SP.60
Packeinheit (Stück)	1.11.0306kt.69SP.61 (2)	1.11.0308kt.89SP.61 (2)	1.11.0406kt.69SP.61 (2)	1.11.0408kt.89SP.61 (2)
Trägheitsmoment cm^4	I_x = 32,0 I_y = 32,0	I_x = 84,0 I_y = 84,0	I_x = 83,0 I_y = 83,0	I_x = 233,0 I_y = 233,0
Widerstandsmoment cm^3	W_x = 9,8 W_y = 9,8	W_x = 21,0 W_y = 21,0	W_x = 21,0 W_y = 21,0	W_x = 44,0 W_y = 44,0
Gewicht kg/m	G = 2,8	G = 3,9	G = 4,4	G = 6,5

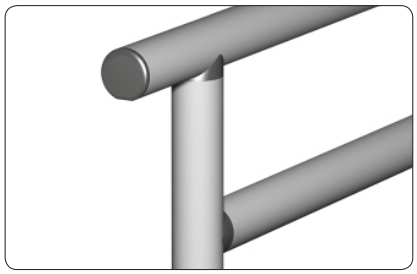
Bearbeitungsangaben ☞ *Profil-Bearbeitung 1.1A (Katalog "Das Profil System")*

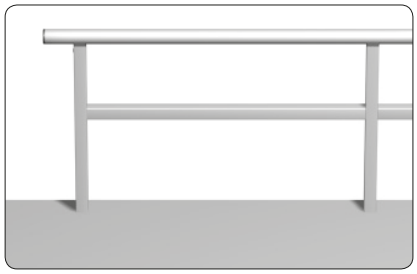
Handlauf



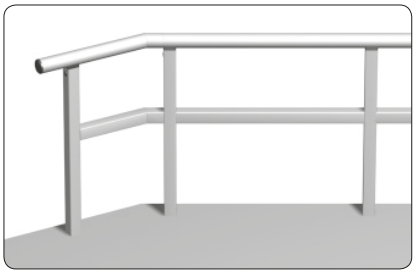
Verwendung
Handlauf für Geländer an Treppen und Podesten

Hinweis
Winkelverbindungen: 0° bis 90°
Neigung: 0° bis 45°

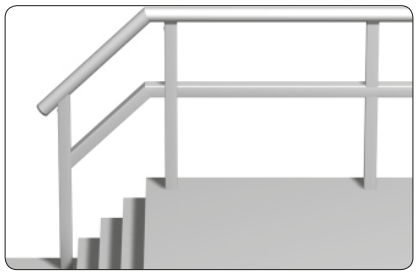




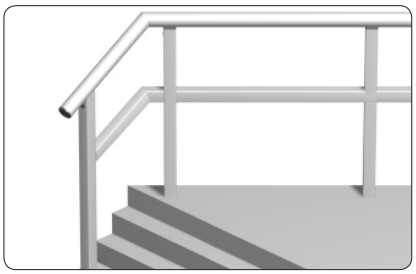
Handlauf gerade



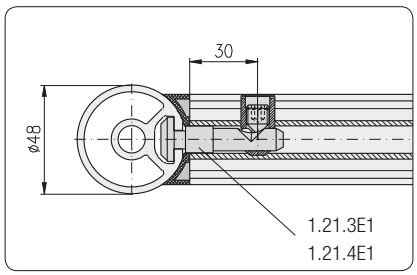
Handlauf gewinkelt



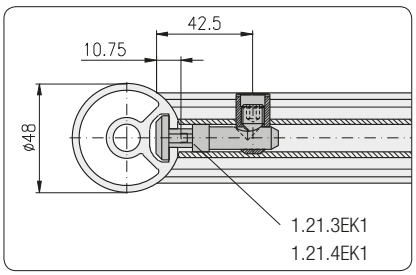
Handlauf geneigt



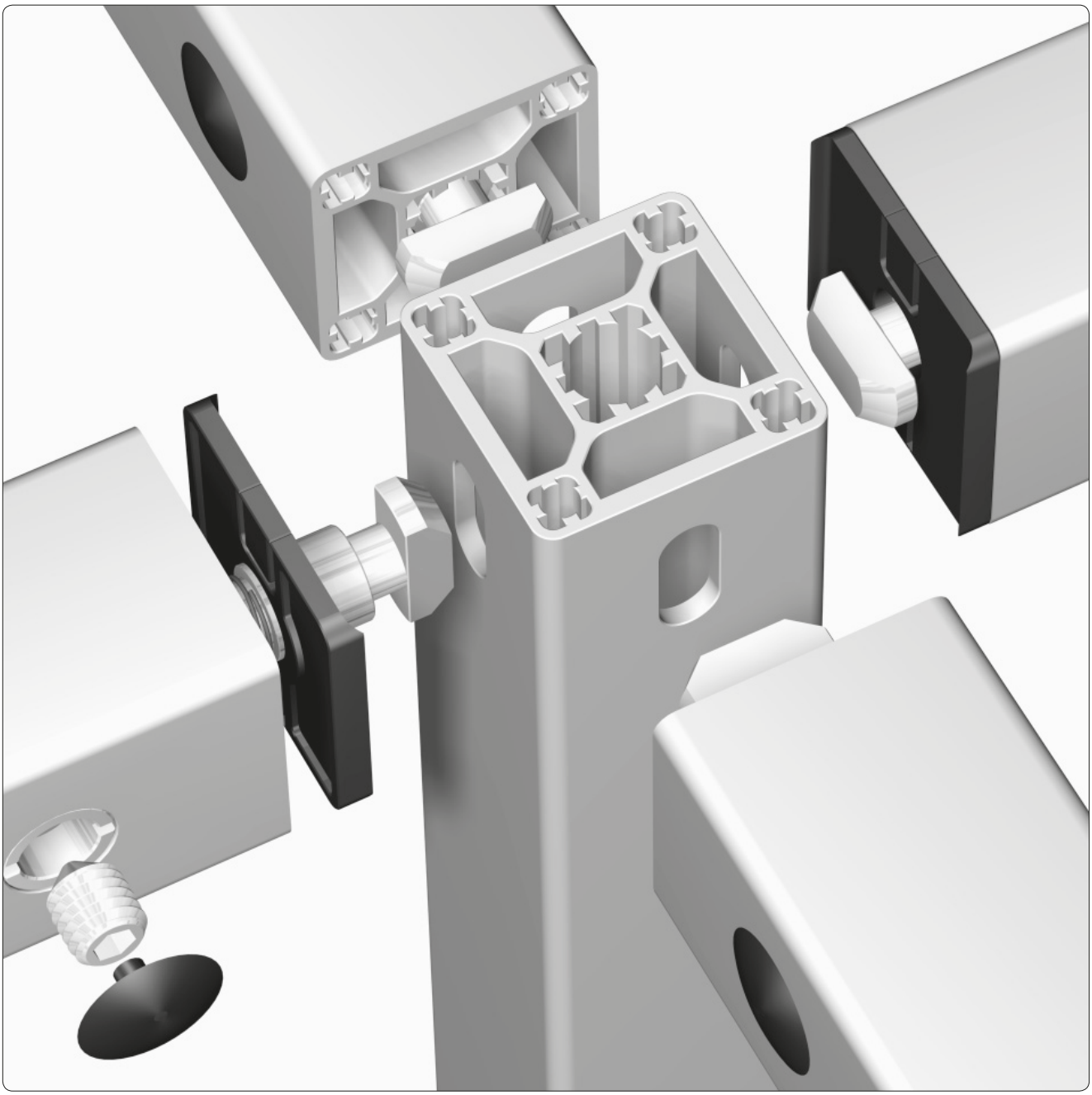
Handlauf geneigt und gewinkelt



Bearbeitungsmaße für Handlauf gerade mit Radienausgleich



Bearbeitungsmaße für Handlauf gerade, geneigt und/oder gewinkelt ohne Radienausgleich (gefräst)



extrem stabil

wirtschaftlich

funktionell

Die bewährte Verbindungsart!

Das MayTec-Schnellverbindersystem ermöglicht die Verbindung aller MayTec-Profile untereinander und in jeder denkbaren Variante.

Es leistet gleiche Stabilität nach allen vier Seiten.

Die Verbindungen lassen sich:

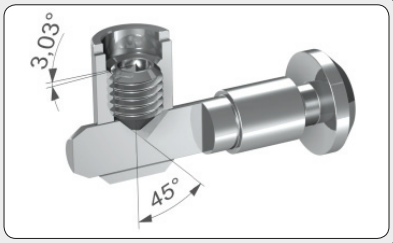
- einfach herstellen
- schnell montieren
- beliebig oft lösen

Das Verbindungssystem ist:

- lückenlos
- stabil
- funktionell

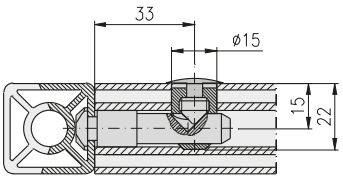
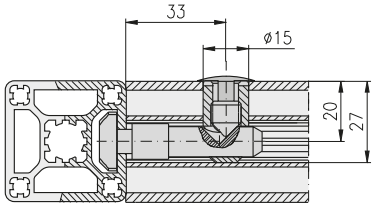
Vibrationssicher

Die unterschiedlichen Richtungswinkel von Gewindesteigung und Spannkegel verhindern das Lösen des Verbinders durch Vibration.

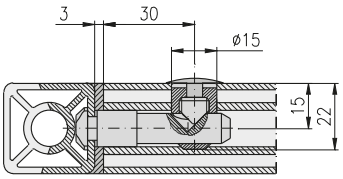
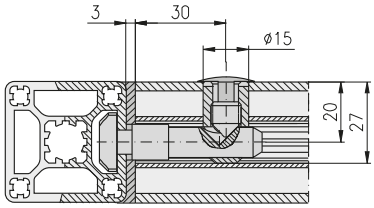


Verbinder-Bohrmaße

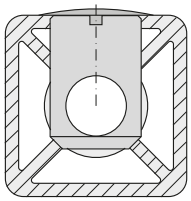
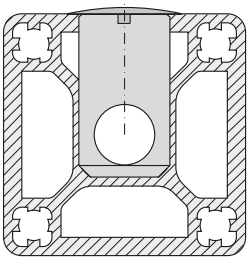
ohne Radienabdeckung

PG 30	PG 40
	
Bohrmaße ohne Radienabdeckung	Bohrmaße ohne Radienabdeckung

mit Radienabdeckung
☞ *1.43*

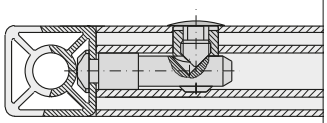
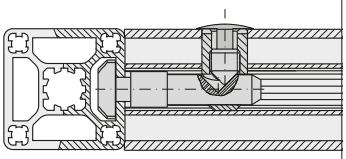
	
Bohrmaße mit Radienabdeckung	Bohrmaße mit Radienabdeckung

Abdeckstopfen
für Verbinder-Querstücke
☞ *1.42*

PG 30	PG 40
	

Hinweis
Verbinder ☞ *1.2A (Katalog "Das Profil System")*

Verbindung
mit Standard-Verbinder

PG 30	PG 40
	

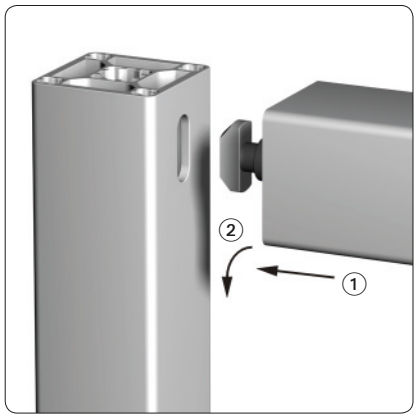
Einzelteile

Verbinder Standard	1.21.3F1 (V)
Verbinder Standard 90°	1.21.3F2 (V)

Einzelteile

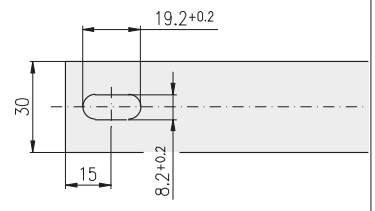
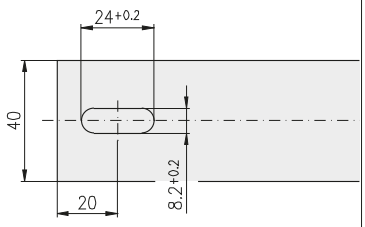
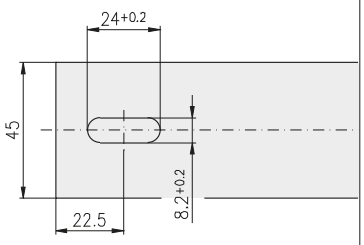
Verbinder Standard	1.21.4E1 (V)
Verbinder Standard 90°	1.21.4E2 (V)

Montage-Variante
für Profile mit 1 Verbinder



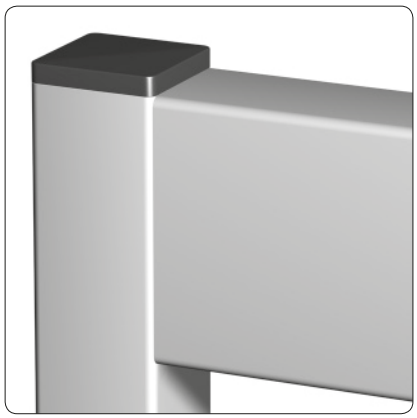
Montage
① Verbinder einführen
② Profil drehen

Fertigungsmaße

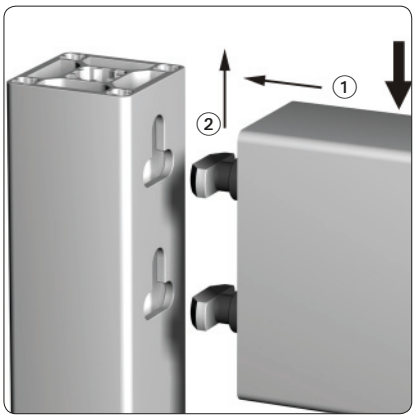
PG 30	PG 40	PG 45
		
Zur Befestigung von Profil 30×30	Zur Befestigung von Profil 40×40	Zur Befestigung von Profil 45×45

Montage-Variante
für Profile mit 1 oder mehr Verbinder, wenn das Profil nicht gedreht werden kann

für hohe Biegebelastung

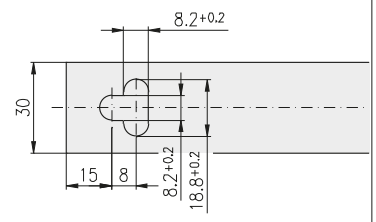
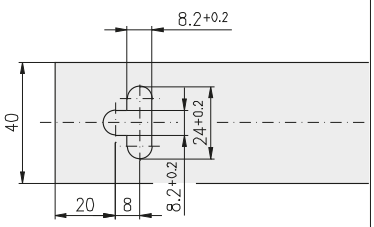
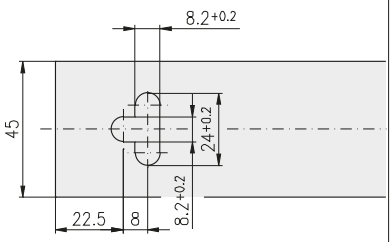
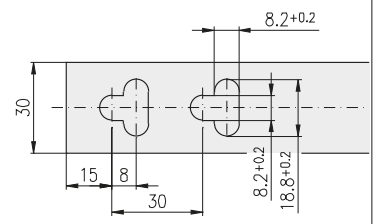
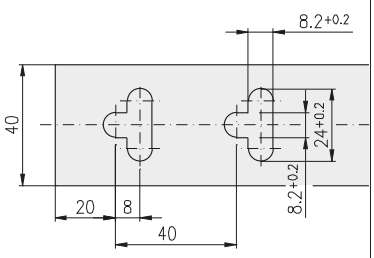
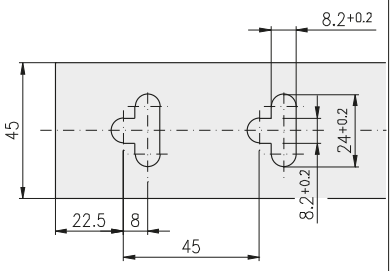
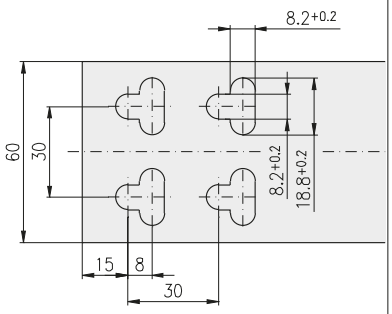
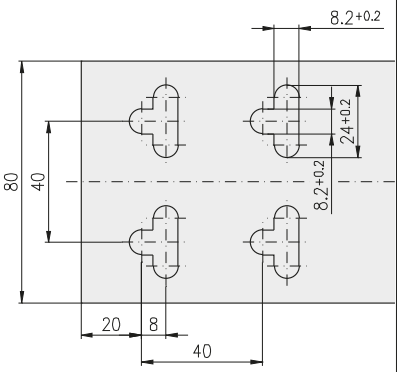
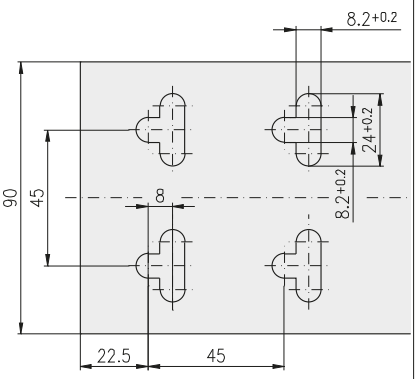


Hinweis
Montageposition: Profile oben bündig



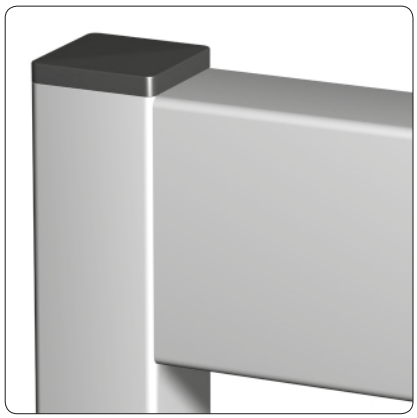
Montage
① Verbinder einführen
② Profil nach oben schieben

Fertigungsmaße

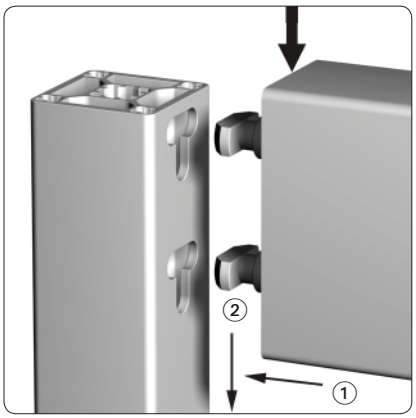
PG 30	PG 40	PG 45
 Zur Befestigung von Profil 30×30	 Zur Befestigung von Profil 40×40	 Zur Befestigung von Profil 45×45
 Zur Befestigung von Profil 30×60	 Zur Befestigung von Profil 40×80	 Zur Befestigung von Profil 45×90
 Zur Befestigung von Profil 60×60	 Zur Befestigung von Profil 80×80	 Zur Befestigung von Profil 90×90

Montage-Variante
für Profile mit 1 oder mehr Verbinder, wenn das Profil nicht gedreht werden kann

für hohe Schiebebelastung

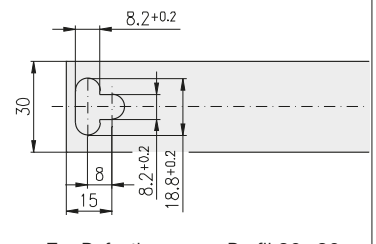
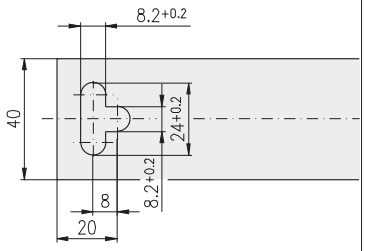
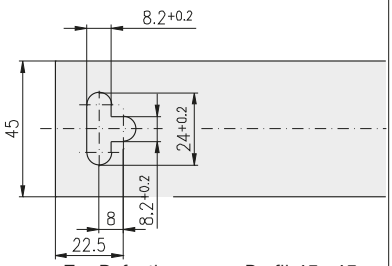
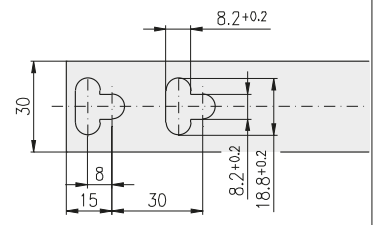
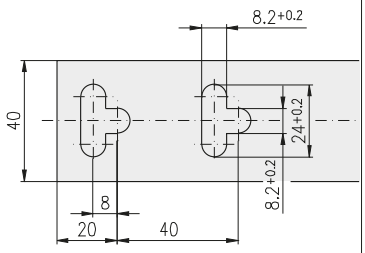
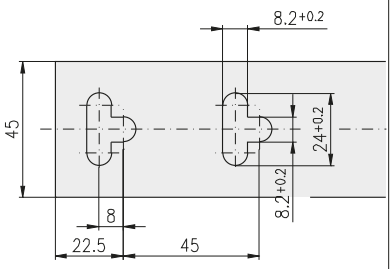
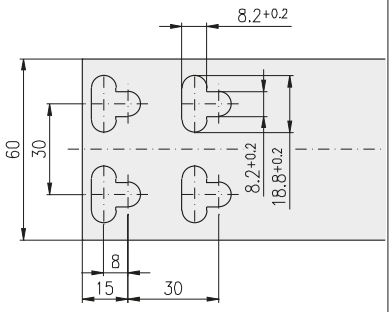
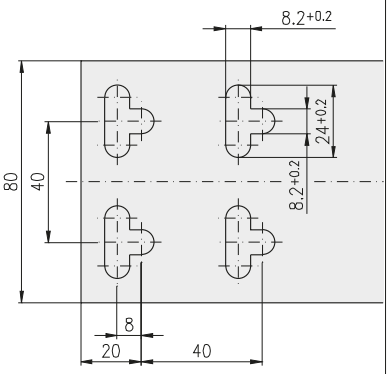
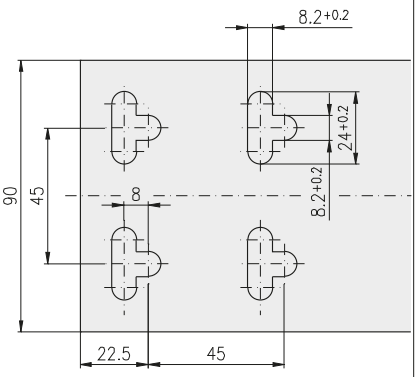


Hinweis
Montageposition: Profile oben bündig

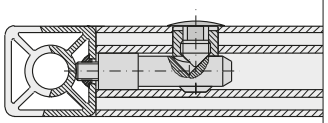
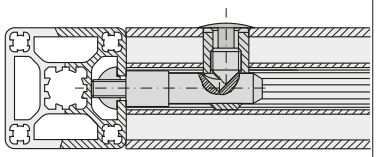


Montage
① Verbinder einführen
② Profil nach unten schieben

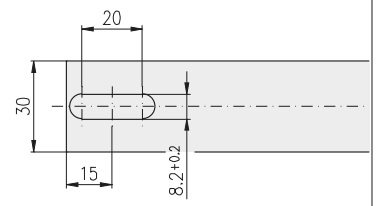
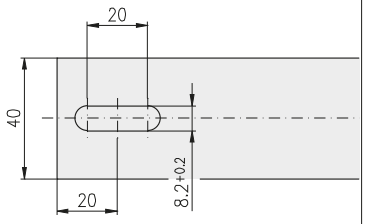
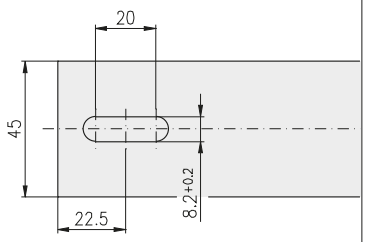
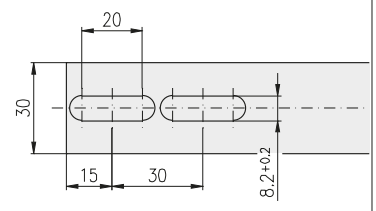
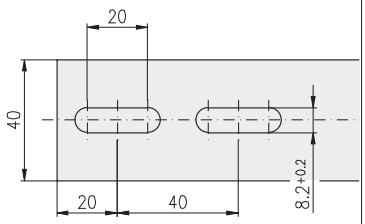
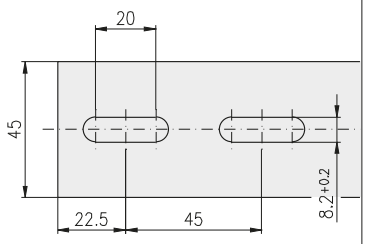
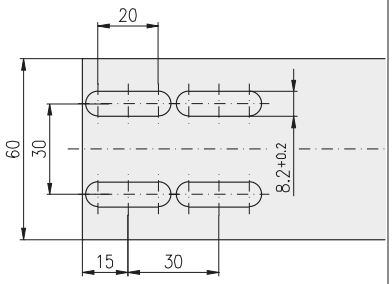
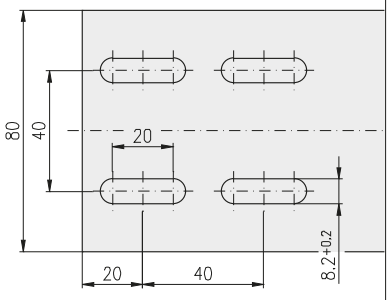
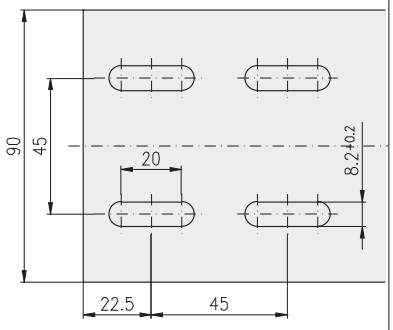
Fertigungsmaße

PG 30	PG 40	PG 45
 Zur Befestigung von Profil 30×30	 Zur Befestigung von Profil 40×40	 Zur Befestigung von Profil 45×45
 Zur Befestigung von Profil 30×60	 Zur Befestigung von Profil 40×80	 Zur Befestigung von Profil 45×90
 Zur Befestigung von Profil 60×60	 Zur Befestigung von Profil 80×80	 Zur Befestigung von Profil 90×90

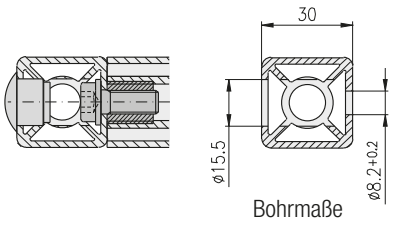
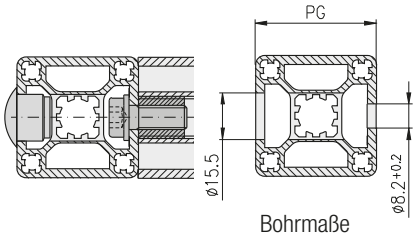
Verbindung
mit Schraub-Verbinder

PG 30	PG 40
	
Einzelteile • Schraub-Verbinder 1.21.30S1M8/7 (V) • T-Nutenstein einschw., mit Feder F 1.32.4FM8 (V)	**Einzelteile** • Schraub-Verbinder 1.21.4S1M8/11 (V) • T-Nutenstein einschw., mit Feder 1.32.4EM8 (V)

Fertigungsmaße

PG 30	PG 40	PG 45
		
Zur Befestigung von Profil 30×30	Zur Befestigung von Profil 40×40	Zur Befestigung von Profil 45×45
		
Zur Befestigung von Profil 30×60	Zur Befestigung von Profil 40×80	Zur Befestigung von Profil 45×90
		
Zur Befestigung von Profil 60×60	Zur Befestigung von Profil 80×80	Zur Befestigung von Profil 90×90

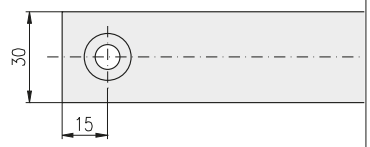
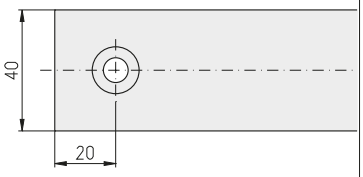
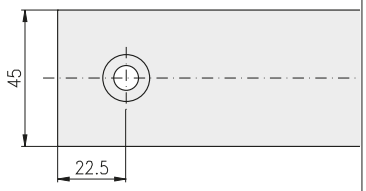
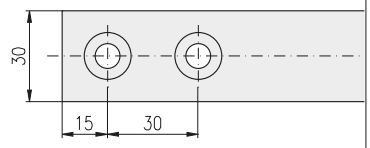
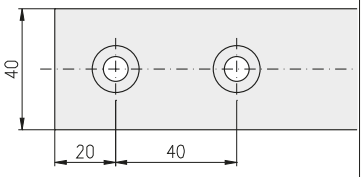
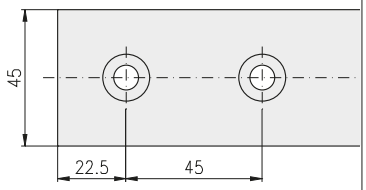
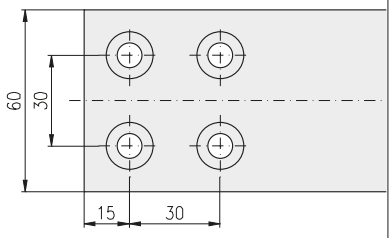
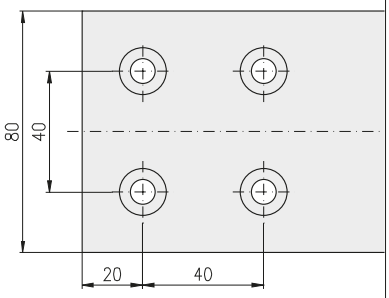
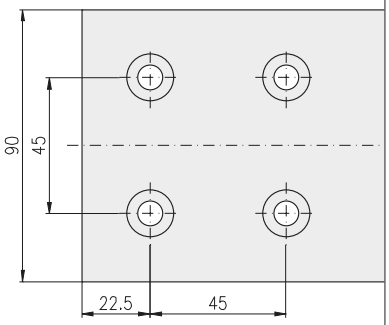
Verbindung
mit DIN-Schraube

PG 30	PG 40 / 45
	
Bohrmaße	Bohrmaße

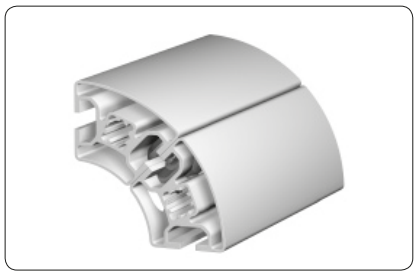
Einzelteile

- Gewindeeinsatz M14/M8 1.35.1140815
- Zylinderschraube DIN 6912, M8×20 0.63.D06912.08020
- Scheibe, DIN 433 - 8,4 0.62.D00433.08,4
- Abdeckstopfen Ø15 1.42.6114.x

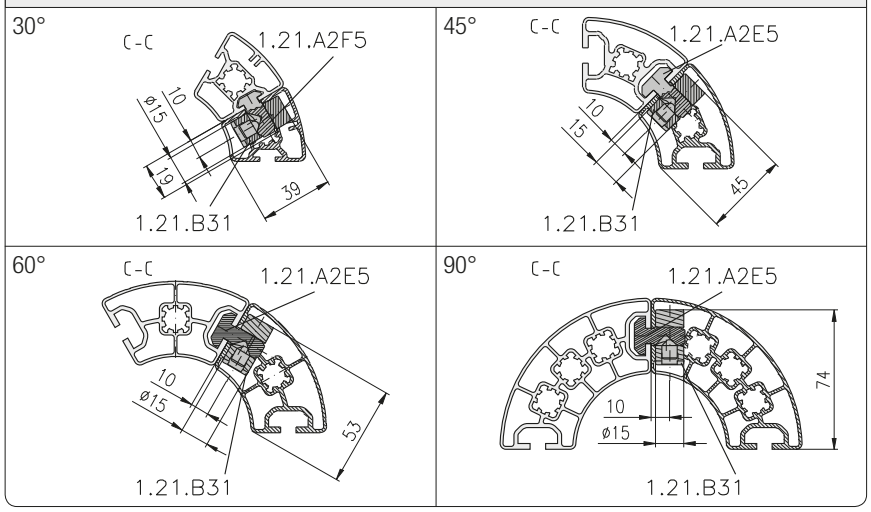
Fertigungsmaße

PG 30	PG 40	PG 45
		
Zur Befestigung von Profil 30×30	Zur Befestigung von Profil 40×40	Zur Befestigung von Profil 45×45
		
Zur Befestigung von Profil 30×60	Zur Befestigung von Profil 40×80	Zur Befestigung von Profil 45×90
		
Zur Befestigung von Profil 60×60	Zur Befestigung von Profil 80×80	Zur Befestigung von Profil 90×90

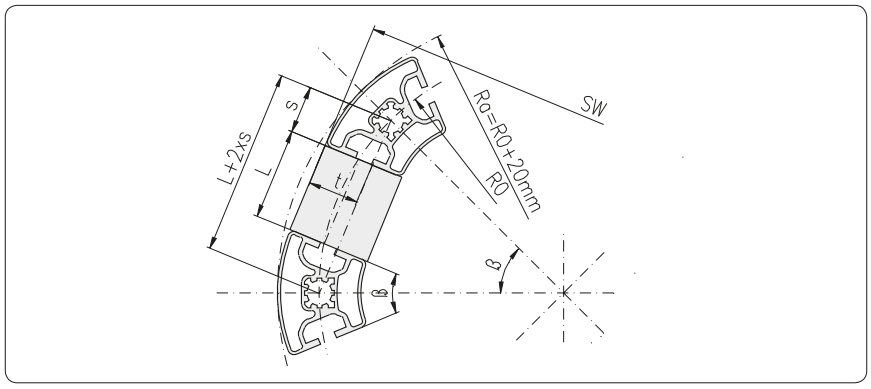
Verbindung von Profilen 40, Rund



Bohrmaße für Profile 40, Rund

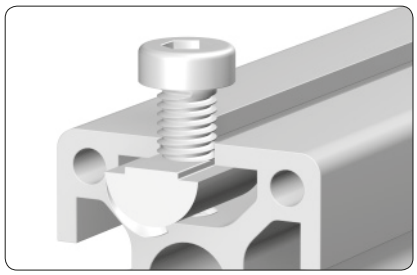


Berechnungs-Formeln für Vielecke

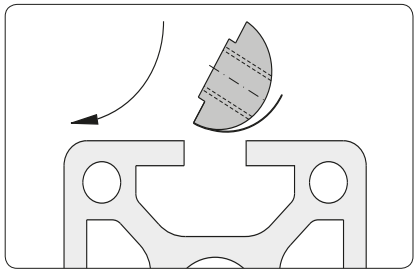


bekannt	gesucht	Profil 40, Rund 30° (β = 30°)	Profil 40, Rund 45° (β = 45°)	Profil 40, Rund 60° (β = 60°)
		t = 22,04 s = 15,53	t = 24,57 s = 22,96	t = 28,04 s = 30,00
R_0	L =	$R_0 \times 0{,}51764 - 31{,}06$	$R_0 \times 0{,}76537 - 45{,}92$	$R_0 - 60$
R_a	L =	$(R_a - 20) \times 0{,}51764 - 31{,}06$	$(R_a - 20) \times 0{,}76537 - 45{,}92$	$R_a - 80$
SW	L =	$\frac{SW - 44{,}08}{\sqrt{3{,}73205}} \times 0{,}51764 - 31{,}06$	$\frac{SW - 49{,}14}{\sqrt{3{,}4142}} \times 0{,}76537 - 45{,}92$	$\frac{SW - 56{,}08}{\sqrt{3}} - 60$
SW	R_0 =	$\frac{SW - 44{,}08}{\sqrt{3{,}73205}}$	$\frac{SW - 49{,}14}{\sqrt{3{,}4142}}$	$\frac{SW - 56{,}08}{\sqrt{3}}$
SW	R_a =	$\frac{SW - 44{,}08}{\sqrt{3{,}73205}} + 20$	$\frac{SW - 49{,}14}{\sqrt{3{,}4142}} + 20$	$\frac{SW - 56{,}08}{\sqrt{3}} + 20$
R_0	SW =	$\sqrt{(R_0 \times 2)^2 - (R_0 \times 0{,}51764)^2 + 44{,}08}$	$\sqrt{(R_0 \times 2)^2 - (R_0 \times 0{,}76537)^2 + 49{,}14}$	$\sqrt{(R_0 \times 2)^2 - R_0^2 + 56{,}08}$
R_a	SW =	$\sqrt{((R_a - 20) \times 2)^2 - ((R_a - 20) \times 0{,}51764)^2 + 44{,}08}$	$\sqrt{((R_a - 20) \times 2)^2 - ((R_a - 20) \times 0{,}76537)^2 + 49{,}14}$	$\sqrt{((R_a - 20) \times 2)^2 - R_a^2 + 56{,}08}$

T-Nutensteine
einschwenkbar, mit Feder
rostfrei



Fixierung durch Blattfeder

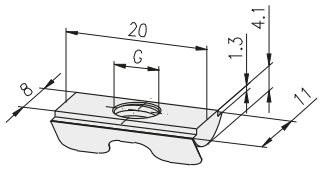


Frontseitig einschwenkbar

Verwendung
Befestigungselement für Schraubverbindungen

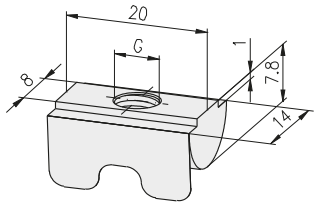
Technische Daten
- Material: Edelstahl rostfrei 1.4305
- Oberfläche: gebeizt und passiviert

zul. Anzugsmoment: $M_{A, max}$



H F E

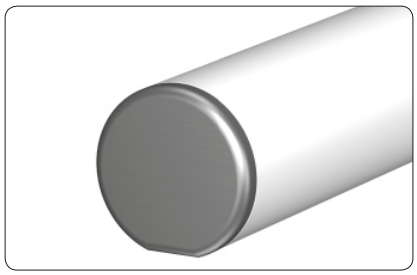
Bezeichnung	G	Ausführung	$M_{A, max}$	Gewicht	Bestell-Nr.
T-Nutenstein einschw., mit Feder F	M6	rostfrei	10,0 Nm	4,3 g	1.32.4FM6V
T-Nutenstein einschw., mit Feder F	M8	rostfrei	10,0 Nm	3,7 g	1.32.4FM8V



H F E

Bezeichnung	G	Ausführung	$M_{A, max}$	Gewicht	Bestell-Nr.
T-Nutenstein einschw., mit Feder E	M4	rostfrei	3,0 Nm	10,0 g	1.32.4EM4V
T-Nutenstein einschw., mit Feder E	M5	rostfrei	5,0 Nm	10,0 g	1.32.4EM5V
T-Nutenstein einschw., mit Feder E	M6	rostfrei	10,0 Nm	10,0 g	1.32.4EM6V
T-Nutenstein einschw., mit Feder E	M8	rostfrei	26,0 Nm	9,0 g	1.32.4EM8V

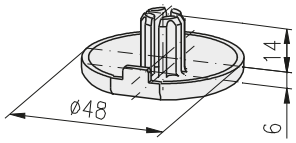
Abdeckkappen Ø48
für Handlaufprofil



Verwendung
Abdeckkappen verhindern das Eindringen von Schmutz und vermeiden Schnittverletzungen.

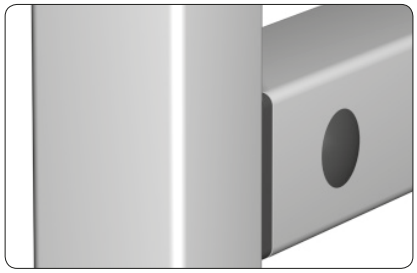
Hinweis
Vor Montage Kernlochbohrung entgraten

Technische Daten
Material: PA-GF



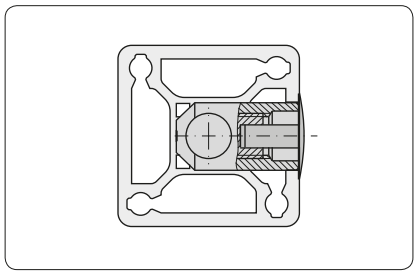
Bezeichnung	Farbe	Gewicht	Bestell-Nr.
Abdeckkappe Ø48 für Handlaufprofil	grau	1,8 g	1.42.2048R00.1
Abdeckkappe Ø48 für Handlaufprofil	schwarz	1,8 g	1.42.2048R00.2

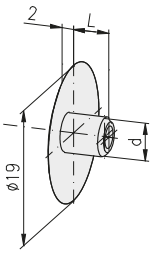
Abdeckstopfen ballig



Verwendung
Die Abdeckstopfen ermöglichen das Verschließen der Verbinder-Querstück-Bohrungen.

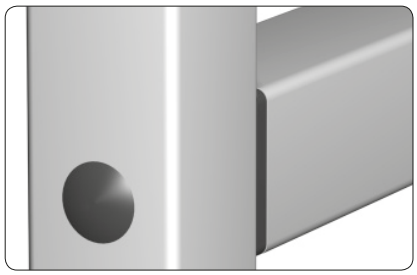
Technische Daten
Material: PE



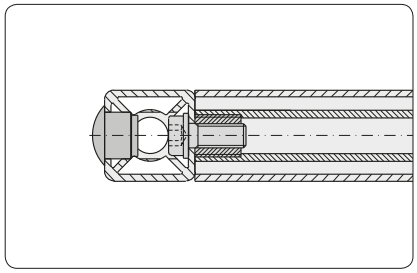


Bezeichnung	Farbe	L	d	Gewicht	Bestell-Nr.
Abdeckstopfen 20 ballig	grau	3,5	Ø4,3	0,2 g	1.42.5120.1
Abdeckstopfen 20 ballig	schwarz	3,5	Ø4,3	0,2 g	1.42.5120.2
Abdeckstopfen 30 ballig	grau	6,0	Ø5,3	0,3 g	1.42.5130.1
Abdeckstopfen 30 ballig	schwarz	6,0	Ø5,3	0,3 g	1.42.5130.2
Abdeckstopfen 40 ballig	grau	11,0	Ø5,3	0,4 g	1.42.5140.1
Abdeckstopfen 40 ballig	schwarz	11,0	Ø5,3	0,4 g	1.42.5140.2
Abdeckstopfen 45 ballig	grau	12,5	Ø5,3	0,4 g	1.42.5145.1
Abdeckstopfen 45 ballig	schwarz	12,5	Ø5,3	0,4 g	1.42.5145.2
Abdeckstopfen 50 ballig	grau	15,0	Ø5,3	0,5 g	1.42.5150.1
Abdeckstopfen 50 ballig	schwarz	15,0	Ø5,3	0,5 g	1.42.5150.2
Abdeckstopfen 60 ballig	grau	20,0	Ø5,3	0,7 g	1.42.5160.1
Abdeckstopfen 60 ballig	schwarz	20,0	Ø5,3	0,7 g	1.42.5160.2

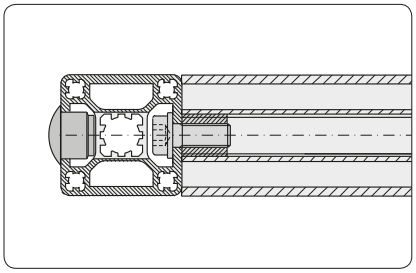
Abdeckstopfen
für Schrauben-Bohrungen



Verwendung
Die Abdeckstopfen ermöglichen das Verschließen der Schrauben-Bohrung

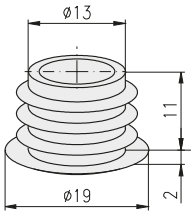


Profil 30



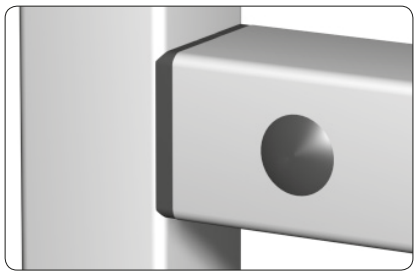
Profil 40

Technische Daten
Material: PE



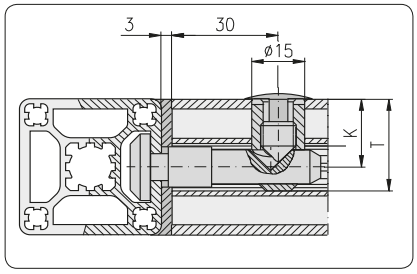
Bezeichnung		Farbe	Gewicht	Bestell-Nr.
Abdeckstopfen	Ø15	grau	1,3 g	1.42.6114.1
Abdeckstopfen	Ø15	schwarz	1,3 g	1.42.6114.2

Radienabdeckungen

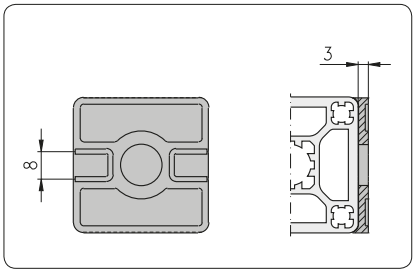


Verwendung
Zum Abdecken der Profil-Außen-Radien

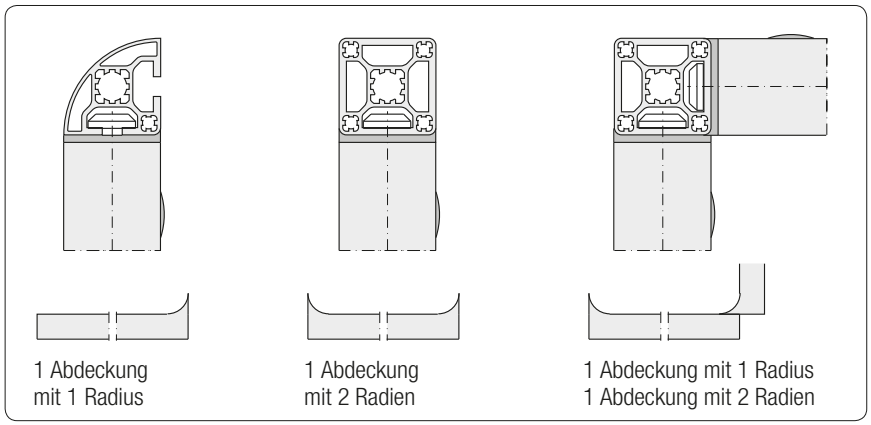
Technische Daten
Material: PA-GF



Bohrmaße bei Einsatz von Radienabdeckungen (Maße K, T ☞ *Bohrmaße für Querstücke 1.2B, Katalog "Das Profil System")*

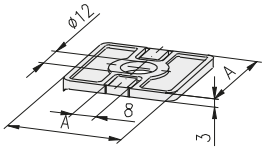


Zur Aufnahme von Flächenelementen können die Nutsegmente herausgebrochen werden



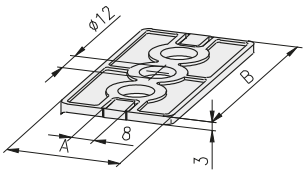
Montage-Varianten

Quadrat
mit einem Radius



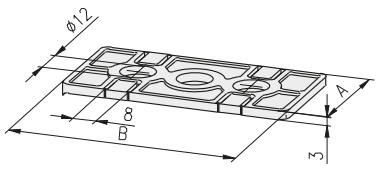
Bezeichnung	A	Farbe	Gewicht	Bestell-Nr.
Radienabdeckung 1R	30	grau	3,1 g	1.43.10030030.1
Radienabdeckung 1R	30	schwarz	3,1 g	1.43.10030030.2
Radienabdeckung 1R	40	grau	6,1 g	1.43.10040040.1
Radienabdeckung 1R	40	schwarz	6,1 g	1.43.10040040.2
Radienabdeckung 1R	45	grau	5,4 g	1.43.10045045.1
Radienabdeckung 1R	45	schwarz	5,4 g	1.43.10045045.2

Rechteck
mit einem Radius



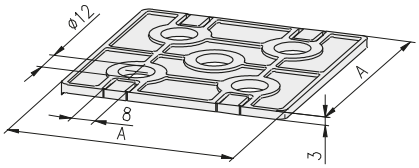
Bezeichnung	A	B	Farbe	Gewicht	Bestell-Nr.
Radienabdeckung 1R	30	60	grau	5,8 g	1.43.10030060.1
Radienabdeckung 1R	30	60	schwarz	5,8 g	1.43.10030060.2
Radienabdeckung 1R	40	80	grau	11,8 g	1.43.10040080.1
Radienabdeckung 1R	40	80	schwarz	11,8 g	1.43.10040080.2
Radienabdeckung 1R	45	90	grau	10,7 g	1.43.10045090.1
Radienabdeckung 1R	45	90	schwarz	10,7 g	1.43.10045090.2

Rechteck 90°
mit einem Radius



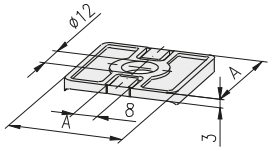
Bezeichnung	A	B	Farbe	Gewicht	Bestell-Nr.
Radienabdeckung 1R	30	60	grau	5,8 g	1.43.11030060.1
Radienabdeckung 1R	30	60	schwarz	5,8 g	1.43.11030060.2
Radienabdeckung 1R	40	80	grau	11,8 g	1.43.11040080.1
Radienabdeckung 1R	40	80	schwarz	11,8 g	1.43.11040080.2
Radienabdeckung 1R	45	90	grau	10,8 g	1.43.11045090.1
Radienabdeckung 1R	45	90	schwarz	10,8 g	1.43.11045090.2

Quadrat
mit einem Radius



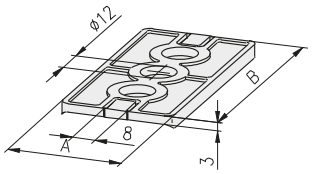
Bezeichnung	A		Farbe	Gewicht	Bestell-Nr.
Radienabdeckung 1R	60		grau	12,0 g	1.43.10060060.1
Radienabdeckung 1R	60		schwarz	12,0 g	1.43.10060060.2
Radienabdeckung 1R	80		grau	24,0 g	1.43.10080080.1
Radienabdeckung 1R	80		schwarz	24,0 g	1.43.10080080.2

Quadrat
mit zwei Radien



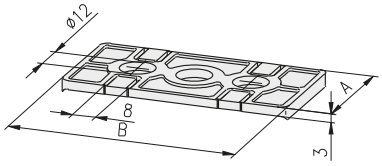
Bezeichnung	A		Farbe	Gewicht	Bestell-Nr.
Radienabdeckung 2R	30		grau	3,2 g	1.43.20030030.1
Radienabdeckung 2R	30		schwarz	3,2 g	1.43.20030030.2
Radienabdeckung 2R	40		grau	6,3 g	1.43.20040040.1
Radienabdeckung 2R	40		schwarz	6,3 g	1.43.20040040.2
Radienabdeckung 2R	45		grau	5,6 g	1.43.20045045.1
Radienabdeckung 2R	45		schwarz	5,6 g	1.43.20045045.2

Rechteck
mit zwei Radien



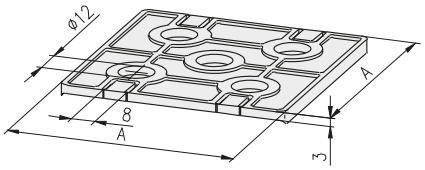
Bezeichnung	A	B	Farbe	Gewicht	Bestell-Nr.
Radienabdeckung 2R	30	60	grau	6,0 g	1.43.20030060.1
Radienabdeckung 2R	30	60	schwarz	6,0 g	1.43.20030060.2
Radienabdeckung 2R	40	80	grau	12,0 g	1.43.20040080.1
Radienabdeckung 2R	40	80	schwarz	12,0 g	1.43.20040080.2
Radienabdeckung 2R	45	90	grau	10,9 g	1.43.20045090.1
Radienabdeckung 2R	45	90	schwarz	10,9 g	1.43.20045090.2

Rechteck 90°
mit zwei Radien



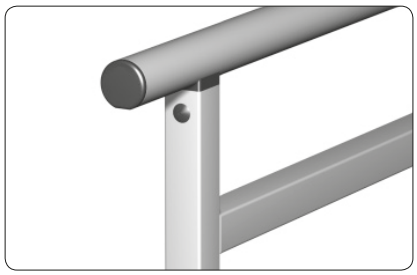
Bezeichnung	A	B	Farbe	Gewicht	Bestell-Nr.
Radienabdeckung 2R	30	60	grau	6,0 g	1.43.21030060.1
Radienabdeckung 2R	30	60	schwarz	6,0 g	1.43.21030060.2
Radienabdeckung 2R	40	80	grau	12,0 g	1.43.21040080.1
Radienabdeckung 2R	40	80	schwarz	12,0 g	1.43.21040080.2
Radienabdeckung 2R	45	90	grau	11,0 g	1.43.21045090.1
Radienabdeckung 2R	45	90	schwarz	11,0 g	1.43.21045090.2

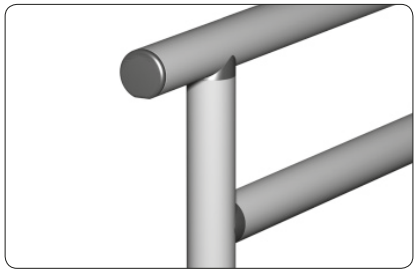
Quadrat
mit zwei Radien

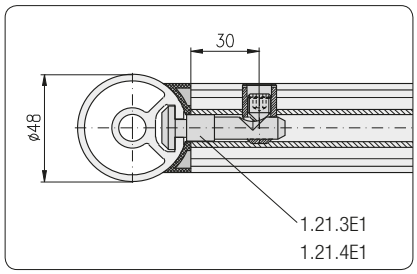


Bezeichnung	A		Farbe	Gewicht	Bestell-Nr.
Radienabdeckung 2R	60		grau	12,0 g	1.43.20060060.1
Radienabdeckung 2R	60		schwarz	12,0 g	1.43.20060060.2
Radienabdeckung 2R	80		grau	24,0 g	1.43.20080080.1
Radienabdeckung 2R	80		schwarz	24,0 g	1.43.20080080.2

Radienausgleich





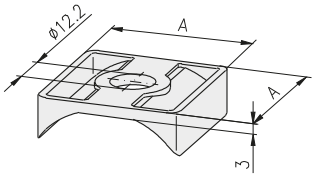


Bearbeitungsmaße für Handlauf gerade mit Radienausgleich

Verwendung
Radienausgleich für Handläufe
☞ *Profil-Anwendungen 1.1A*

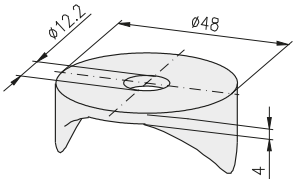
Hinweis
Nicht geeignet für die Verwendung bei geneigten Handläufen

Technische Daten
Material: PA-GF



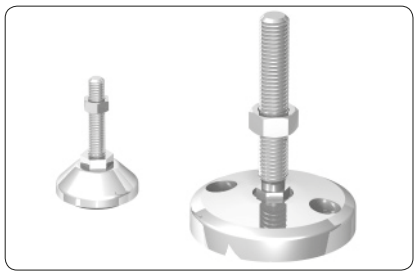
16 20 30 40 45 50 60

Bezeichnung	A×A	Farbe	Gewicht	Bestell-Nr.
Radienausgleich	30×30	grau	4,0 g	1.43.71030030.1
Radienausgleich	30×30	schwarz	4,0 g	1.43.71030030.2
Radienausgleich	40×40	grau	7,0 g	1.43.71040040.1
Radienausgleich	40×40	schwarz	7,0 g	1.43.71040040.2



Bezeichnung	Farbe	Gewicht	Bestell-Nr.
Radienausgleich Ø48	grau	4,0 g	1.43.71048000.1
Radienausgleich Ø48	schwarz	4,0 g	1.43.71048000.2

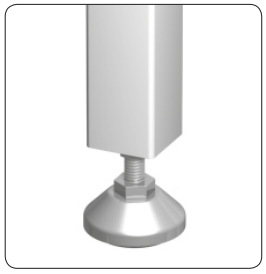
Gelenkfüße



Verwendung

Gelenkfüße zum stufenlosen Höhenverstellen von Baugruppen wie:

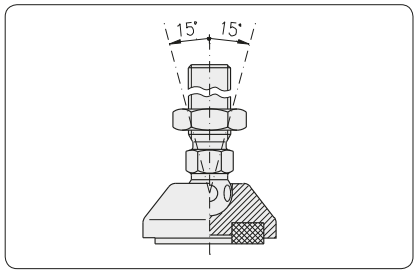
- Tische
- Gestelle
- Regale
- Ständer



Befestigung im Kernloch-Gewinde M14

Befestigung mit Fußplatte, für Profile ohne zentrische Kernlochbohrung

Befestigung mit Einpress-Gewindeeinsatz quer zum Profil

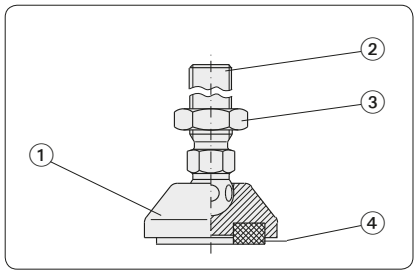


Neigungsausgleich über Kugel und Kugelpfanne ±15°

Hinweis

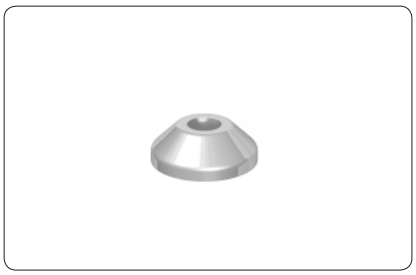
Stufenlos höhenverstellbare Gelenkfüße sind wahlweise einsetzbar mit:

- Anti-Slip-Platte
- Dämpfungselement

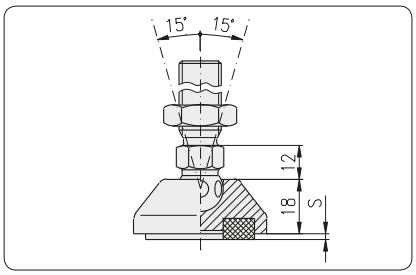


Gelenkfuß-Einzelteile		
Pos.	Bezeichnung	Material
①	Gelenkfuß-Teller	Edelstahl 1.4305
②	Gelenkfuß-Spindel	Edelstahl 1.4305
③	Gelenkfuß-Mutter	Edelstahl 1.4305
④	Gelenkfuß-Anti-Slip-Platte Gelenkfuß-Dämpfungselement	NBR NBR

Gelenkfuß-Teller
Edelstahl
ohne Befestigungsbohrung

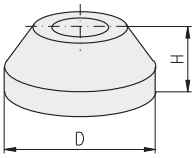


Technische Daten
Material: Edelstahl rostfrei 1.4305
F = max. statische Belastung in kN



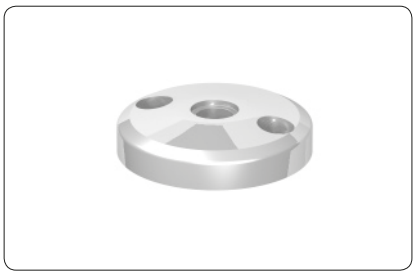
Ausführung ohne Befestigungsbohrungen

S = Höhe für:
- Anti-Slip-Platte (S = 2 mm)
- Dämpfungselement (S = 10 mm)

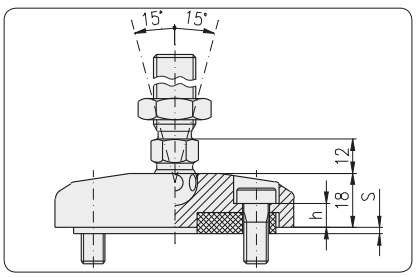


Bezeichnung	D	F	Gewicht	Bestell-Nr.
Gelenkfuß-Teller Edelstahl, 30	Ø29	20 kN	62 g	1.44.431030V
Gelenkfuß-Teller Edelstahl, 40	Ø39	30 kN	99 g	1.44.431040V
Gelenkfuß-Teller Edelstahl, 45	Ø44	30 kN	123 g	1.44.431045V
Gelenkfuß-Teller Edelstahl, 50	Ø49	35 kN	158 g	1.44.431050V
Gelenkfuß-Teller Edelstahl, 60	Ø59	35 kN	218 g	1.44.431060V
Gelenkfuß-Teller Edelstahl, 80	Ø79	35 kN	380 g	1.44.431080V
Gelenkfuß-Teller Edelstahl, 100	Ø99	40 kN	605 g	1.44.431100V
Gelenkfuß-Teller Edelstahl, 120	Ø119	40 kN	844 g	1.44.431120V

Gelenkfuß-Teller
Edelstahl
mit Befestigungsbohrung



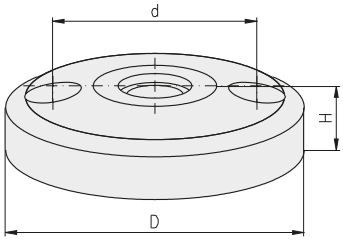
Technische Daten
Material: Edelstahl rostfrei 1.4305
gebeizt und passiviert
F = max. statische Belastung in kN



Ausführung mit Befestigungsbohrungen

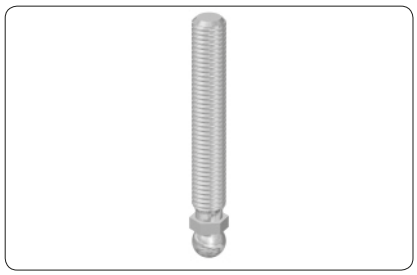
Hinweis
Befestigungsbohrung
mit Senkung DIN 74 - Jm8 für
Zylinderschraube DIN 6912 - M8

S = Höhe für:
- Anti-Slip-Platte (S = 2 mm)
- Dämpfungselement (S = 10 mm)

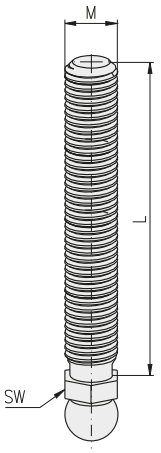


Bezeichnung	D	h	d	F	Gewicht	Bestell-Nr.
Gelenkfuß-Teller Edelstahl, 80	Ø79	11	Ø54	30 kN	354 g	1.44.432080V
Gelenkfuß-Teller Edelstahl, 100	Ø99	11	Ø74	40 kN	587 g	1.44.432100V
Gelenkfuß-Teller Edelstahl, 120	Ø119	11	Ø94	40 kN	830 g	1.44.432120V

Gelenkfuß-Spindeln
Edelstahl

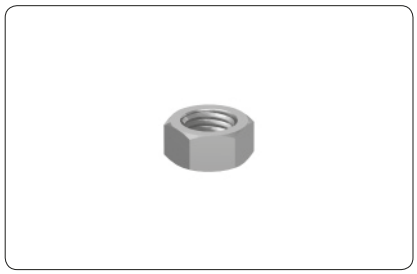


Technische Daten
Material: Edelstahl rostfrei 1.4305
gebeizt und passiviert

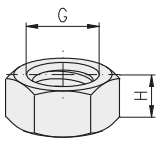


Bezeichnung	G × L	SW	Gewicht	Bestell-Nr.
Gelenkfuß-Spindel, Edelstahl	M14 × 66	14	87 g	1.44.4614066V
Gelenkfuß-Spindel, Edelstahl	M14 × 88	14	104 g	1.44.4614088V
Gelenkfuß-Spindel, Edelstahl	M14 ×100	14	119 g	1.44.4614100V
Gelenkfuß-Spindel, Edelstahl	M14 ×125	14	138 g	1.44.4614125V
Gelenkfuß-Spindel, Edelstahl	M14 ×150	14	166 g	1.44.4614150V

Gelenkfuß-Mutter
Edelstahl

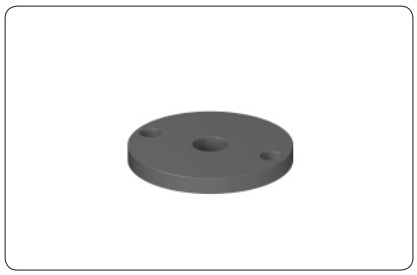


Technische Daten
Material: Edelstahl rostfrei 1.4305
gebeizt und passiviert



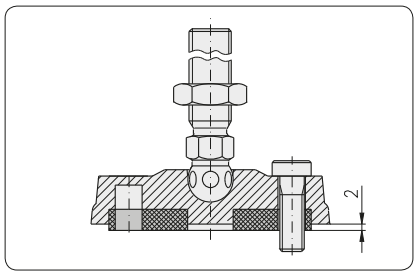
Bezeichnung	G	H	Gewicht	Bestell-Nr.
Gelenkfuß-Mutter, Edelstahl	M14	8	16 g	1.44.46M14V

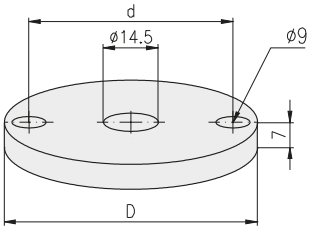
Gelenkfuß-Anti-Slip-Platten



Verwendung
Element zur Verschiebesicherung und zum Schutz vor Bodenbeschädigung

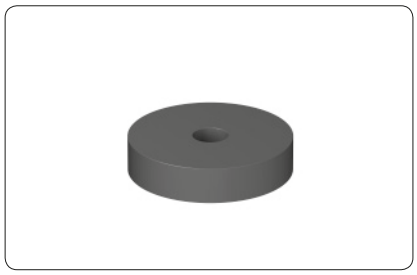
Technische Daten
Material: NBR, öl- und wasserbeständig
Farbe: schwarz
Härte: 80 Shore A
F = max. statische Belastung in kN





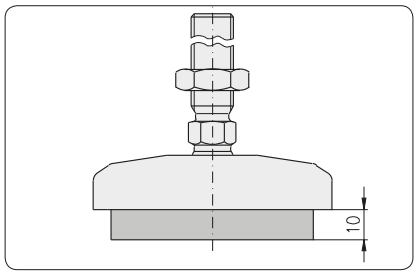
Bezeichnung	D	d	F	Gewicht	Bestell-Nr.
Gelenkfuß-Anti-Slip-Platte f. Teller 30	Ø20	-	5 kN	2,0 g	1.44.471030
Gelenkfuß-Anti-Slip-Platte f. Teller 40	Ø30	-	6 kN	4,0 g	1.44.471040
Gelenkfuß-Anti-Slip-Platte f. Teller 45	Ø35	-	7 kN	5,5 g	1.44.471045
Gelenkfuß-Anti-Slip-Platte f. Teller 50	Ø39	-	8 kN	7,5 g	1.44.471050
Gelenkfuß-Anti-Slip-Platte f. Teller 60	Ø49	-	9 kN	12,0 g	1.44.471060
Gelenkfuß-Anti-Slip-Platte f. Teller 80	Ø67	Ø54	10 kN	22,0 g	1.44.471080
Gelenkfuß-Anti-Slip-Platte f. Teller 100	Ø87	Ø74	10 kN	36,0 g	1.44.471100
Gelenkfuß-Anti-Slip-Platte f. Teller 120	Ø107	Ø94	10 kN	57,0 g	1.44.471120

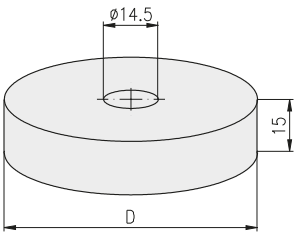
Gelenkfuß-Dämpfungselemente



Verwendung
Element zur Dämpfung von Schwingungen

Technische Daten
Material: NBR, öl- und wasserbeständig
Farbe: schwarz
Härte: 70 Shore A
F = max. statische Belastung in N





Bezeichnung	D	F	Gewicht	Bestell-Nr.
Gelenkfuß-Dämpfungselement f. Teller 40	Ø30	150 N	14 g	1.44.472040
Gelenkfuß-Dämpfungselement f. Teller 45	Ø35	175 N	19 g	1.44.472045
Gelenkfuß-Dämpfungselement f. Teller 50	Ø39	200 N	24 g	1.44.472050
Gelenkfuß-Dämpfungselement f. Teller 60	Ø49	250 N	35 g	1.44.472060
Gelenkfuß-Dämpfungselement f. Teller 80	Ø67	500 N	68 g	1.44.472080
Gelenkfuß-Dämpfungselement f. Teller 100	Ø87	800 N	118 g	1.44.472100
Gelenkfuß-Dämpfungselement f. Teller 120	Ø107	1.200 N	188 g	1.44.472120

Impressum

Der Schlüssel ...

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