

**GB**

**P Standard finish:**

- 1** Self colour
- 2** Pre galvanised
- 3** Hot dip galvanised  
(EN ISO 1461: 1999)
- 4** Stainless steel 316 (A4)
- 5** Electro zinc plated
- 6** Deltatone  
(>550 H. ASTM B 117 94)
- 7** Other finishes or coatings on request

**D**

**P Standardausführungen:**

- 1** Walzblank
- 2** Feuerverzinkt nach dem Sendzimir-  
verzinkungsverfahren (Z 275)
- 3** Feuerverzinkt nach dem Tauchverfah-  
ren (EN ISO 1461: 1999)
- 4** Edelstahl W. 1.4401/1.4571 (A4)
- 5** Galvanisch Verzinkt
- 6** Deltatone  
(>550 H. ASTM B 117 94)
- 7** Weitere Ausführungen der  
Kunststoffbeschichtungen auf Anfrage

**F**

**P Finition standard:**

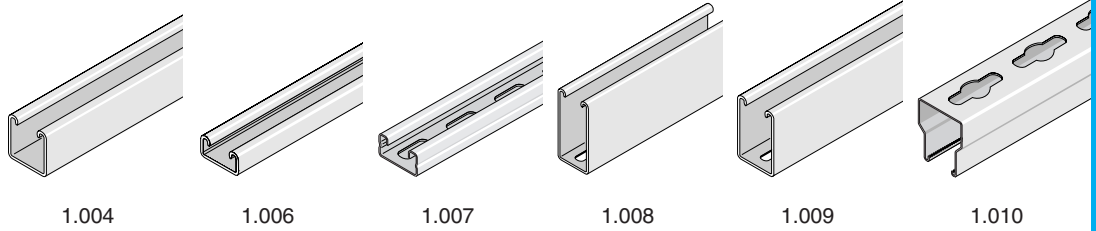
- 1** Acier brut
- 2** Acier galvanisé Sendzimir (Z 275)
- 3** Acier galvanisé à chaud après fabrica-  
tion (EN ISO 1461: 1999)
- 4** Acier inoxydable AISI 316 (A4)
- 5** Electro zingué
- 6** Deltatone  
(>550 H. ASTM B 117 94)
- 7** Autres Revêtement sur demande

UNISTRUT / KWIKSTRUT

- GB Channels
- D Schienen
- F Rails



1.002



1.004

1.006

1.007

1.008

1.009

1.010

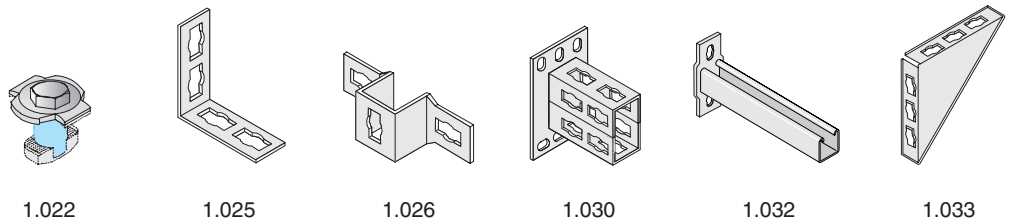
41mm

UNISTRUT

- GB Fittings
- D Verbindungselemente
- F Pieces d'Assemblages



1.020



1.022

1.025

1.026

1.030

1.032

1.033

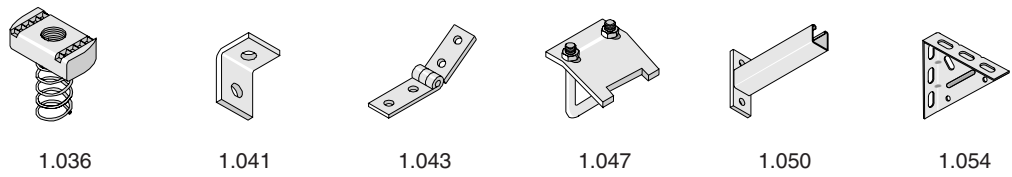
41mm

KWIKSTRUT

- GB Fittings
- D Verbindungselemente
- F Pieces d'Assemblages



1.034



1.036

1.041

1.043

1.047

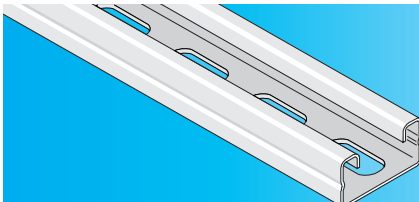
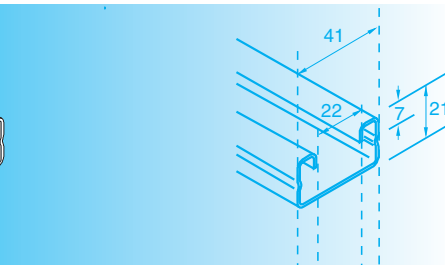

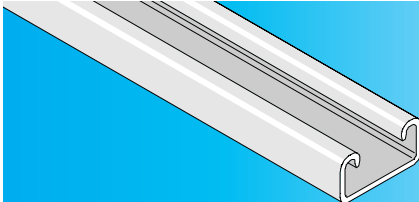
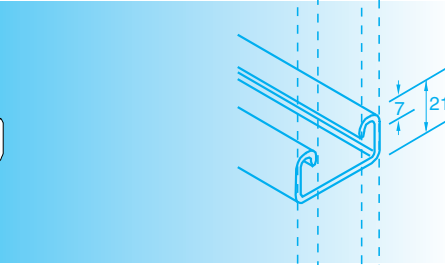
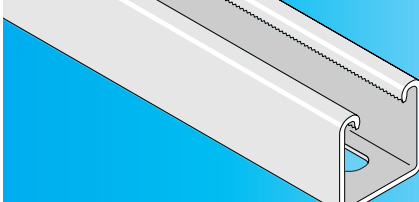
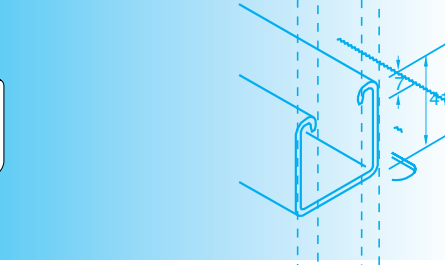
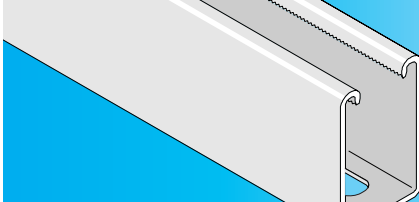
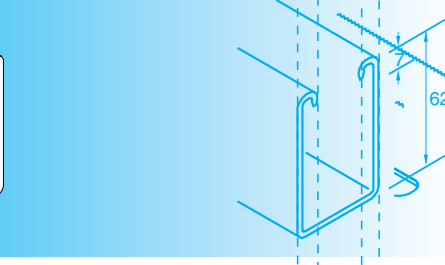

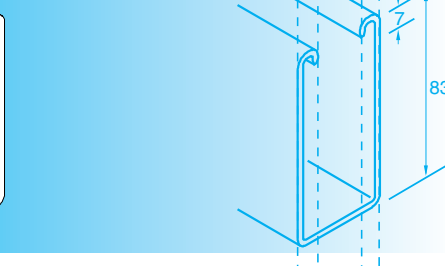
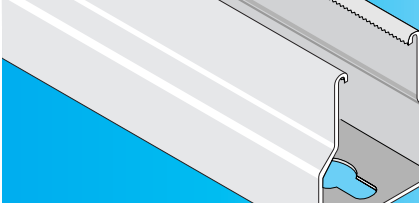
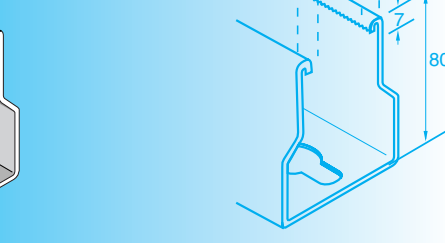
1.050

1.054

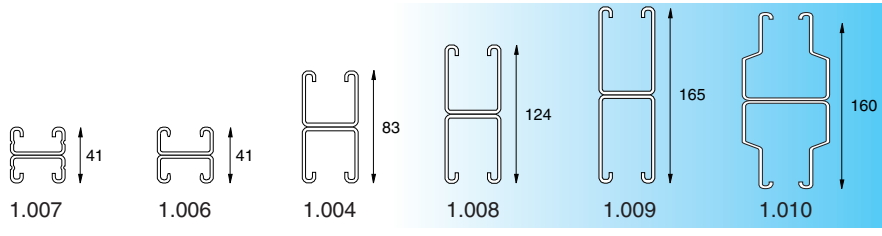
41mm

UNISTRUT

INFO

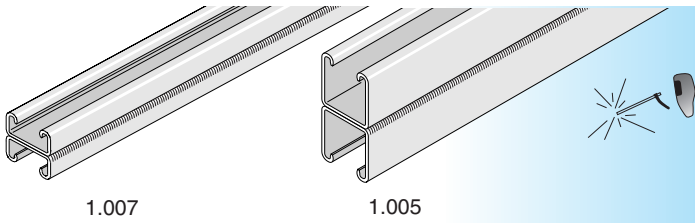
 <p>P4000</p>		$\frac{t}{mm}$ 1,5	 1.007
 <p>P3300</p>		2,5	1.006
 <p>P1000</p>		2,5	1.004
 <p>P5500</p>		2,5	1.009
 <p>P5000</p>		2,5	1.008
 <p>P8000</p>		3,0	1.010

INFO



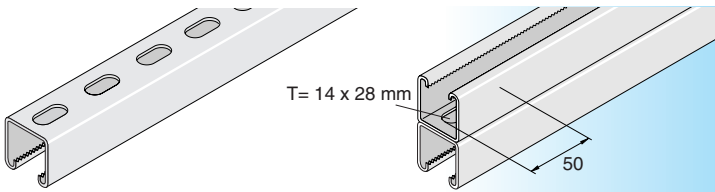
Double **GB**  
 Doppelt **D**  
 Double **F**

Spot welded  
 Punktgeschweißt  
 Soudure par point

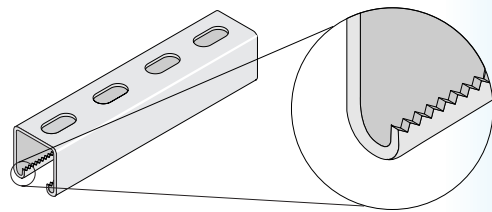


Double **GB**  
 Doppelt **D**  
 Double **F**

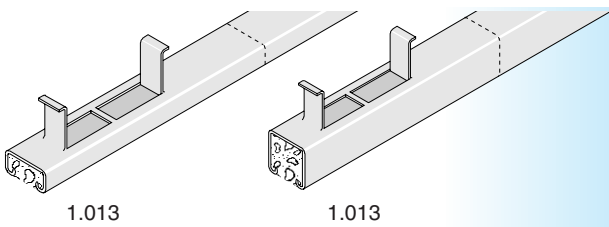
Continuously seam welded  
 Längverschweißt  
 Soudure continue



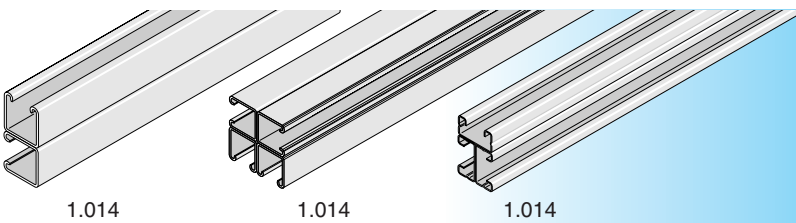
Perforated **GB**  
 Gelocht **D**  
 Perforé **F**



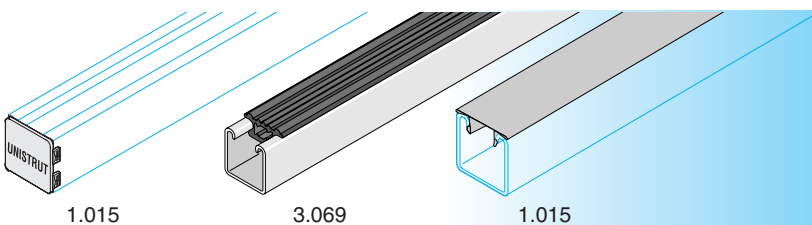
Serrated **GB**  
 Verzahnt **D**  
 Cranté **F**



Concrete inserts **GB**  
 Unistrutschienen zum Einbetonieren **D**  
 Inserts béton **F**



Special combinations **GB**  
 Sonder-Schienenkombinationen **D**  
 Combinaisons spéciales **F**

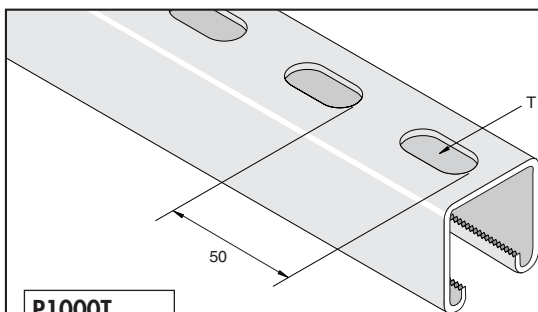


Accessories **GB**  
 Zubehör **D**  
 Accessoires **F**

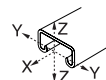
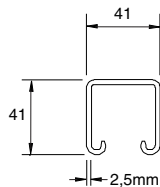
## UNISTRUT P1000

41 mm

UNISTRUT



P1000T



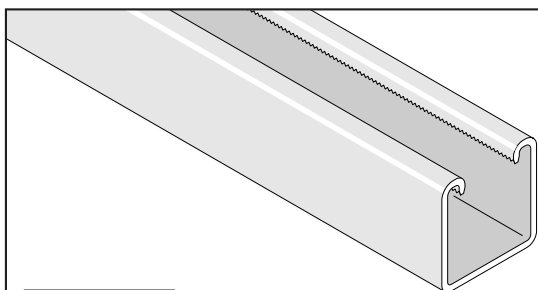
$A = 3.00 \text{ cm}^2$   
 $\rho/m = 2.73 \text{ kg/m}$   
 $I_{y-y} = 6.10 \text{ cm}^4$   
 $Z_{y-y} = 2.87 \text{ cm}^3$   
 $r_{y-y} = 1.42 \text{ cm}$   
 $I_{z-z} = 9.17 \text{ cm}^4$   
 $Z_{z-z} = 4.44 \text{ cm}^3$   
 $r_{z-z} = 1.74 \text{ cm}$

1 2 3 4

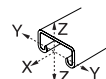
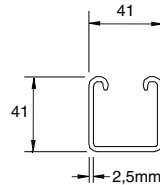
L(mm)	$\sigma=175 \text{ N/mm}^2$		$\sigma=175 \text{ N/mm}^2$		$f=1/200L$	$f=1/360L$	F(kN)
	Fmax(kN)	fmax(mm)	Fmax(kN)	fmax(mm)	F (kN)	F (kN)	
250	8.034	0.22	16.069	0.27	-	-	16.283
500	4.017	0.84	8.034	1.05	-	-	16.039
750	2.678	1.88	5.356	2.35	-	4.738	15.274
1000	2.006	3.34	4.012	4.18	-	2.659	13.626
1250	1.604	5.23	3.208	6.54	3.071	1.707	11.880
1500	1.339	7.93	2.678	9.41	2.129	1.177	10.418
1750	1.148	10.25	2.296	12.81	1.560	0.863	9.231
2000	1.001	13.38	2.001	16.73	1.197	0.657	8.270
2250	0.893	16.94	1.785	21.18	0.942	0.520	7.465
2500	0.800	20.92	1.599	26.15	0.765	0.422	6.779
2750	0.726	25.31	1.452	31.64	0.628	0.343	6.190*
3000	0.667	30.12	1.334	37.65	0.530	0.294	5.670*

Art.Nr.	T (mm)	P	L (m)
P1011216	28 x 14	1	6
P1011322	25 x 11	2	2
P1011323	25 x 11	2	3
P1011326	25 x 11	2	6
P1011223	28 x 14	2	3
P1011226	28 x 14	2	6
P1011236	28 x 14	3	6
P1011246	28 x 14	4	6

\*k.L/r =&gt; 180 &lt; 250



P1000



$A = 3.35 \text{ cm}^2$   
 $\rho/m = 2.88 \text{ kg/m}$   
 $I_{y-y} = 7.21 \text{ cm}^4$   
 $Z_{y-y} = 3.10 \text{ cm}^3$   
 $r_{y-y} = 1.46 \text{ cm}$   
 $I_{z-z} = 9.23 \text{ cm}^4$   
 $Z_{z-z} = 4.47 \text{ cm}^3$   
 $r_{z-z} = 1.66 \text{ cm}$


1 2 3 4

L(mm)	$\sigma=175 \text{ N/mm}^2$		$\sigma=175 \text{ N/mm}^2$		$f=1/200L$	$f=1/360L$	F(kN)
	Fmax(kN)	fmax(mm)	Fmax(kN)	fmax(mm)	F (kN)	F (kN)	
250	8.677	0.18	17.354	0.23	-	-	16.608
500	4.336	0.76	8.672	0.95	-	-	16.187
750	2.889	1.72	5.778	2.15	-	5.602	15.245
1000	2.168	3.06	4.336	3.82	-	3.149	13.685
1250	1.731	4.78	3.463	5.97	-	2.011	12.086
1500	1.442	6.88	2.884	8.60	2.521	1.393	10.722
1750	1.236	9.36	2.472	11.70	1.844	1.020	9.575
2000	1.084	12.23	2.168	15.29	1.413	0.785	8.623
2250	0.961	15.48	1.923	19.35	1.118	0.618	7.819
2500	0.863	19.11	1.727	23.89	0.903	0.500	7.112
2750	0.785	23.13	1.570	28.91	0.746	0.412	6.504*
3000	0.721	27.52	1.442	34.40	0.628	0.343	5.955*

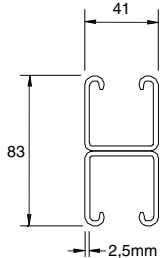
Art.Nr.	P	L (m)
P1011116	1	6
P1011123	2	3
P1011126	2	6
P1011136	3	6
P1011146	4	6

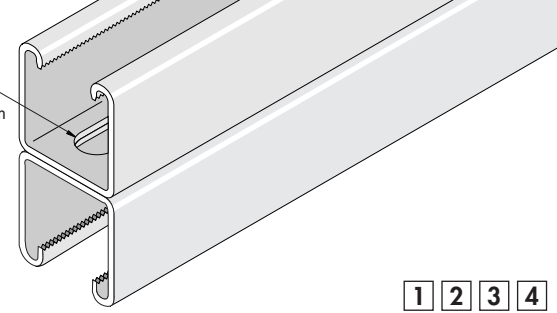
\*k.L/r =&gt; 180 &lt; 250

UNISTRUT P1001



$A = 6.00 \text{ cm}^2$   
 $\rho/m = 5.47 \text{ kg/m}$   
 $I_{y-y} = 36.21 \text{ cm}^4$   
 $Z_{y-y} = 8.77 \text{ cm}^3$   
 $r_{y-y} = 2.45 \text{ cm}$   
 $I_{z-z} = 18.34 \text{ cm}^4$   
 $Z_{z-z} = 8.88 \text{ cm}^3$   
 $r_{z-z} = 1.74 \text{ cm}$





$T = 14 \times 28 \text{ mm}$


1
2
3
4

**P1001T**

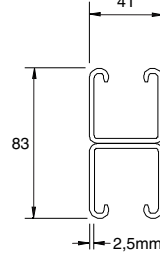
L(mm)	$\sigma=175 \text{ N/mm}^2$		$\sigma=175 \text{ N/mm}^2$		$f=1/200L$	$f=1/360L$	F(kN)
	Fmax(kN)	fmax(mm)	Fmax(kN)	fmax(mm)	F (kN)	F (kN)	
250	-	-	-	-	-	-	27.458
500	-	-	-	-	-	-	27.311
750	8.182	0.97	16.363	1.21	-	-	27.027
1000	6.136	1.72	12.272	2.15	-	-	26.585
1250	4.910	2.69	9.820	3.36	-	-	25.830
1500	4.091	3.87	8.182	4.84	-	7.034	24.584
1750	3.057	5.27	7.014	6.59	-	5.170	22.906
2000	3.066	6.89	6.131	8.61	-	3.953	21.042
2250	2.727	8.72	5.454	10.90	-	3.120	19.198
2500	2.453	10.77	4.905	13.46	4.552	2.531	17.452
2750	2.232	13.02	4.464	16.28	3.767	2.090	15.852
3000	2.045	15.50	4.091	19.38	3.159	1.756	14.391*

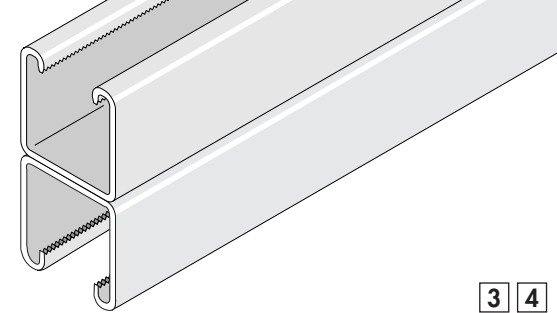
Art.Nr.	P	L (m)
P1021216	1	6
P1021223	2	3
P1021226	2	6
P1021236	3	6
P1021246	4	6

\*k.L/r =>180 < 250



$A = 6.70 \text{ cm}^2$   
 $\rho/m = 5.77 \text{ kg/m}$   
 $I_{y-y} = 36.27 \text{ cm}^4$   
 $Z_{y-y} = 8.78 \text{ cm}^3$   
 $r_{y-y} = 2.32 \text{ cm}$   
 $I_{z-z} = 18.46 \text{ cm}^4$   
 $Z_{z-z} = 8.94 \text{ cm}^3$   
 $r_{z-z} = 1.66 \text{ cm}$





3
4

**P1001**


L(mm)	$\sigma=175 \text{ N/mm}^2$		$\sigma=175 \text{ N/mm}^2$		$f=1/200L$	$f=1/360L$	F(kN)
	Fmax(kN)	fmax(mm)	Fmax(kN)	fmax(mm)	F (kN)	F (kN)	
250	-	-	-	-	-	-	28.253
500	-	-	-	-	-	-	28.096
750	8.191	0.97	16.383	1.21	-	-	27.792
1000	6.146	1.72	12.292	2.15	-	-	27.301
1250	4.915	2.69	9.830	3.36	-	-	26.438
1500	4.096	3.87	8.191	4.84	-	7.044	25.025
1750	3.512	5.27	7.024	6.59	-	5.170	23.220
2000	3.071	6.89	6.141	8.61	-	3.963	21.288
2250	2.727	8.71	5.454	10.89	-	3.129	19.394
2500	2.457	10.76	4.915	13.45	4.562	2.531	17.619
2750	2.232	13.02	4.464	16.27	3.767	2.090	15.990
3000	2.045	15.50	4.091	19.37	3.169	1.756	14.519*

Art.Nr.	P	L (m)
P1031136	3	6
P1031146	4	6

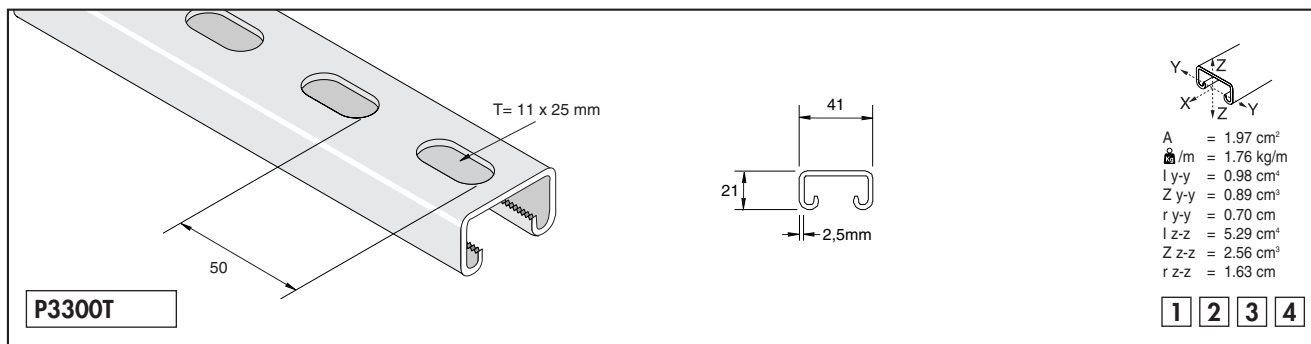
\*k.L/r =>180 < 250

**P 3**

- Continuously seam welded
- Längsverschweißt
- Soudure complet

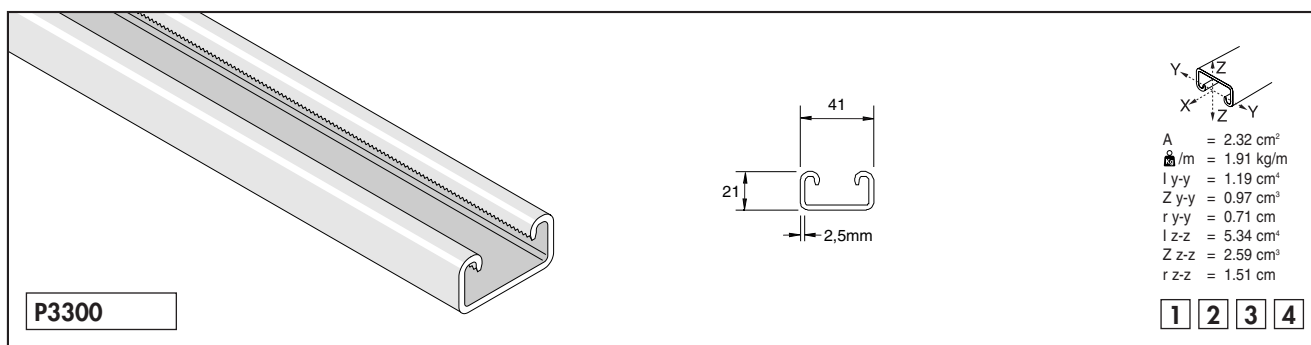


## UNISTRUT P3300



L(mm)	$\sigma = 175 \text{ N/mm}^2$		$\sigma = 175 \text{ N/mm}^2$		$f = 1/200L$	$f = 1/360L$	F(kN)
	Fmax(kN)	fmax(mm)	Fmax(kN)	fmax(mm)	F(kN)	F(kN)	
250	2.492	0.40	4.983	0.50	-	-	-
500	1.246	1.61	2.492	2.01	-	1.707	-
750	0.829	3.63	1.658	4.54	1.364	0.755	-
1000	0.623	6.46	1.246	8.07	0.765	0.422	-
1250	0.495	10.09	0.991	12.61	0.491	0.265	-
1500	0.412	14.54	0.824	18.17	0.334	-	-
1750	0.353	19.78	0.706	24.73	0.245	-	-
2000	0.309	25.84	0.618	32.30	-	-	-

Art.Nr.	P	L (m)
P3311316	1	6
P3311322	2	2
P3311323	2	3
P3311326	2	6
P3311336	3	6
P3311346	4	6



L(mm)	$\sigma = 175 \text{ N/mm}^2$		$\sigma = 175 \text{ N/mm}^2$		$f = 1/200L$	$f = 1/360L$	F(kN)
	Fmax(kN)	fmax(mm)	Fmax(kN)	fmax(mm)	F(kN)	F(kN)	
250	2.712	0.36	5.425	0.45	-	-	10.222
500	1.354	1.45	2.708	1.81	-	2.080	9.761
750	0.903	3.26	1.805	4.07	1.658	0.922	8.427
1000	0.677	5.79	1.354	7.24	0.932	0.520	6.769
1250	0.540	9.06	1.079	11.32	0.598	0.324	5.376
1500	0.451	13.04	0.903	16.30	0.412	0.226	4.287*
1750	0.387	17.75	0.775	22.19	0.304	-	3.463*
2000	0.338	23.19	0.677	28.99	0.226	-	-

Art.Nr.	P	L (m)
P3311116	1	6
P3311123	2	3
P3311126	2	6
P3311136	3	6
P3311146	4	6

\*k.L/r =&gt; 180 &lt; 250

## UNISTRUT P3301

$A = 3.94 \text{ cm}^2$   
 $\rho/m = 3.53 \text{ kg/m}$   
 $I_{y-y} = 5.62 \text{ cm}^4$   
 $Z_{y-y} = 2.72 \text{ cm}^3$   
 $r_{y-y} = 1.19 \text{ cm}$   
 $I_{z-z} = 10.58 \text{ cm}^4$   
 $Z_{z-z} = 5.12 \text{ cm}^3$   
 $r_{z-z} = 1.63 \text{ cm}$

**P3301T**

1 2 3 4

L(mm)	$\sigma=175 \text{ N/mm}^2$		$\sigma=175 \text{ N/mm}^2$		$f=1/200L$	$f=1/360L$	F(kN)
	Fmax(kN)	fmax(mm)	Fmax(kN)	fmax(mm)	F(kN)	F(kN)	
250	7.613	0.21	15.225	0.26	-	-	17.266
500	3.806	0.86	7.613	1.07	-	-	17.030
750	2.536	1.94	5.072	2.42	-	4.365	16.599
1000	1.903	3.44	3.806	4.30	-	2.453	15.667
1250	1.521	5.38	3.041	6.72	2.825	1.570	14.156
1500	1.265	7.74	2.531	9.68	1.962	1.089	12.478
1750	1.084	10.54	2.168	13.18	1.442	0.795	10.899
2000	0.952	13.77	1.903	17.21	1.099	0.608	9.496
2250	0.844	17.42	1.687	21.78	0.873	0.481	8.289*
2500	0.760	21.49	1.521	26.86	0.706	0.392	7.250*
2750	0.692	26.03	1.383	32.54	0.579	0.324	6.377*
3000	0.633	30.98	1.265	38.73	0.491	0.265	-

Art.Nr.	P	L (m)
P3321316	1	6
P3321323	2	3
P3321326	2	6
P3321336	3	6
P3321346	4	6

\*k.L/r =&gt;180 &lt; 250

$A = 1.30 \text{ cm}^2$   
 $\rho/m = 1.16 \text{ kg/m}$   
 $I_{y-y} = 0.75 \text{ cm}^4$   
 $Z_{y-y} = 0.70 \text{ cm}^3$   
 $r_{y-y} = 0.76 \text{ cm}$   
 $I_{z-z} = 3.64 \text{ cm}^4$   
 $Z_{z-z} = 1.76 \text{ cm}^3$   
 $r_{z-z} = 1.67 \text{ cm}$

**P4000T**

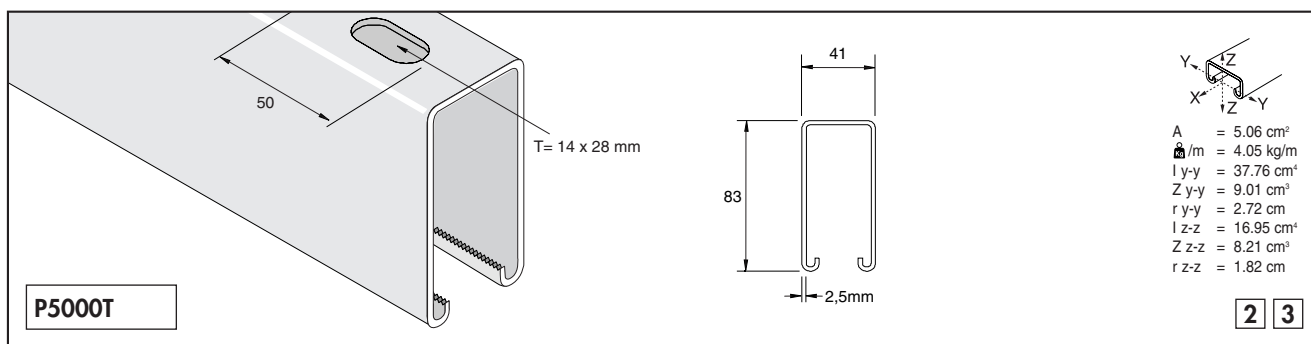
2

L(mm)	$\sigma=175 \text{ N/mm}^2$		$\sigma=175 \text{ N/mm}^2$		$f=1/200L$	$f=1/360L$	F(kN)
	Fmax(kN)	fmax(mm)	Fmax(kN)	fmax(mm)	F(kN)	F(kN)	
250	1.957	0.41	3.914	0.51	-	-	-
500	0.976	1.66	1.952	2.07	-	1.305	-
750	0.652	3.73	1.305	4.66	1.040	0.579	-
1000	0.486	6.63	0.971	8.29	0.589	0.324	-
1250	0.387	10.37	0.775	12.96	0.373	0.206	-
1500	0.324	14.94	0.647	18.67	0.255	-	-
1750	0.280	20.33	0.559	25.41	-	-	-
2000	0.240	26.55	0.481	33.19	-	-	-

Art.Nr.	P	L (m)
P4011322	2	2
P4011323	2	3
P4011326	2	6

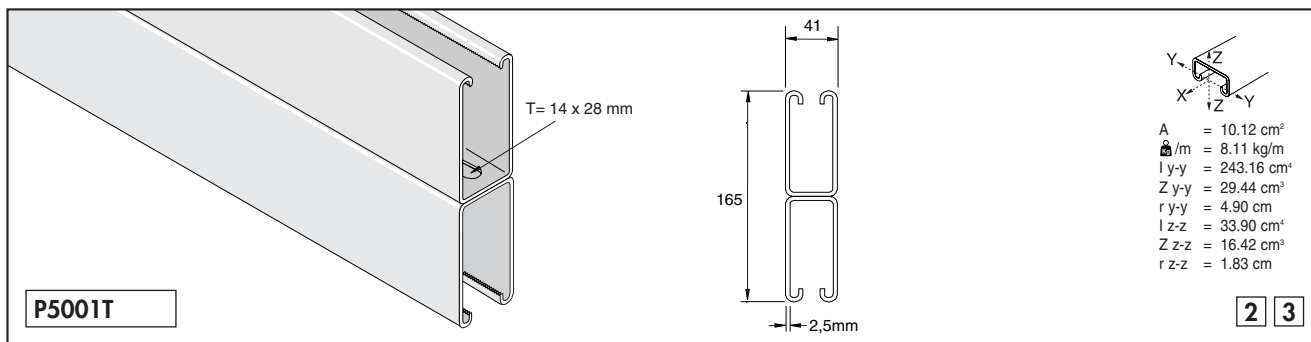


## UNISTRUT P5000



L(mm)	$\sigma=132 \text{ N/mm}^2$		$\sigma=132 \text{ N/mm}^2$		f=1/200L F (kN)	f=1/360L F (kN)	F (kN)
	Fmax(kN)	fmax(mm)	Fmax(kN)	fmax(mm)			
250	-	-	-	-	-	-	19.620
500	-	-	-	-	-	-	19.355
750	6.298	0.71	12.596	0.89	-	-	16.422
1000	4.724	1.27	9.447	1.59	-	-	12.822
1250	3.777	1.98	7.554	2.48	-	-	10.124
1500	3.149	2.86	6.298	3.58	-	-	8.182
1750	2.698	3.89	5.396	4.86	-	-	6.769
2000	2.359	5.09	4.719	6.36	-	4.120	5.719
2250	2.099	6.44	4.199	8.05	-	3.257	4.934
2500	1.888	7.94	3.777	9.93	-	2.639	4.326
2750	1.717	9.62	3.434	12.02	-	2.178	3.846
3000	1.575	11.45	3.149	14.31	-	1.834	3.453

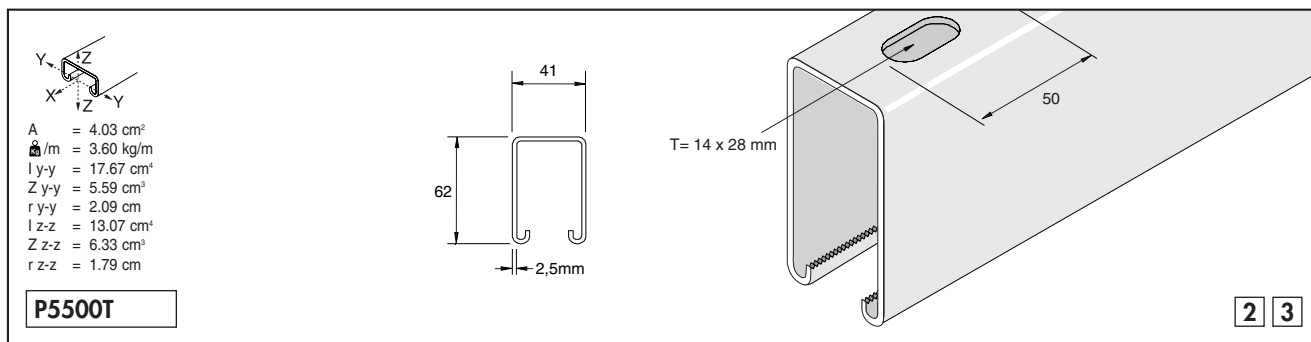
Art.Nr.	P	L (m)
P5011226	2	6
P5011223	2	3
P5011236	3	6



L(mm)	$\sigma=132 \text{ N/mm}^2$		$\sigma=132 \text{ N/mm}^2$		f=1/200L F (kN)	f=1/360L F (kN)	F (kN)
	Fmax(kN)	fmax(mm)	Fmax(kN)	fmax(mm)			
250	-	-	-	-	-	-	34.266
500	-	-	-	-	-	-	34.129
750	-	-	-	-	-	-	33.825
1000	-	-	-	-	-	-	33.432
1250	12.267	1.00	24.535	1.25	-	-	32.864
1500	10.222	1.44	20.444	1.80	-	-	32.010
1750	8.760	1.96	17.521	2.45	-	-	30.764
2000	7.667	2.56	15.333	3.20	-	-	29.165
2250	6.813	3.24	13.626	4.05	-	-	27.350
2500	6.131	4.00	12.263	5.00	-	-	25.467
2750	5.577	4.84	11.154	6.05	-	-	23.613
3000	5.111	5.77	10.222	7.21	-	-	21.847

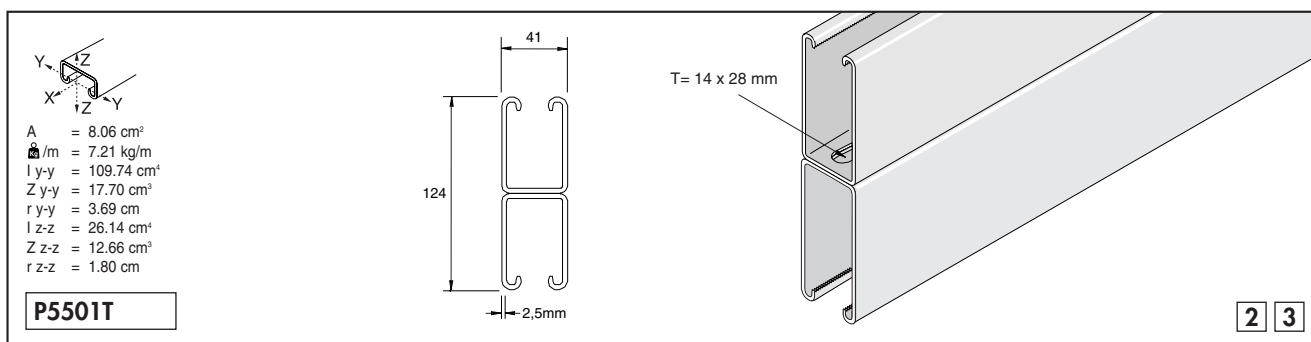
Art.Nr.	P	L (m)
P5021226	2	6
P5021236	3	6

## UNISTRUT P5500



L(mm)	$\sigma=167 \text{ N/mm}^2$		$\sigma=167 \text{ N/mm}^2$		$f=1/200L$	$f=1/360L$	F(kN)
	Fmax(kN)	fmax(mm)	Fmax(kN)	fmax(mm)	F (kN)	F (kN)	
250	-	-	-	-	-	-	20.277
500	-	-	-	-	-	-	20.081
750	4.964	1.20	9.928	1.50	-	-	18.443
1000	3.723	2.14	7.446	2.67	-	-	15.245
1250	2.977	3.34	5.955	4.18	-	4.944	12.557
1500	2.482	4.82	4.964	6.02	-	3.434	10.507
1750	2.124	6.55	4.248	8.19	-	2.521	8.966
2000	1.859	8.56	3.718	10.70	3.473	1.923	7.789
2250	1.653	10.84	3.306	13.55	2.747	1.521	6.867
2500	1.486	13.38	2.972	16.73	2.217	1.236	6.141
2750	1.354	16.19	2.708	20.24	1.834	1.020	5.543
3000	1.241	19.27	2.482	24.09	1.540	0.853	5.042

Art.Nr.	P	L (m)
P5511226	2	6
P5511223	2	3
P5511236	3	6



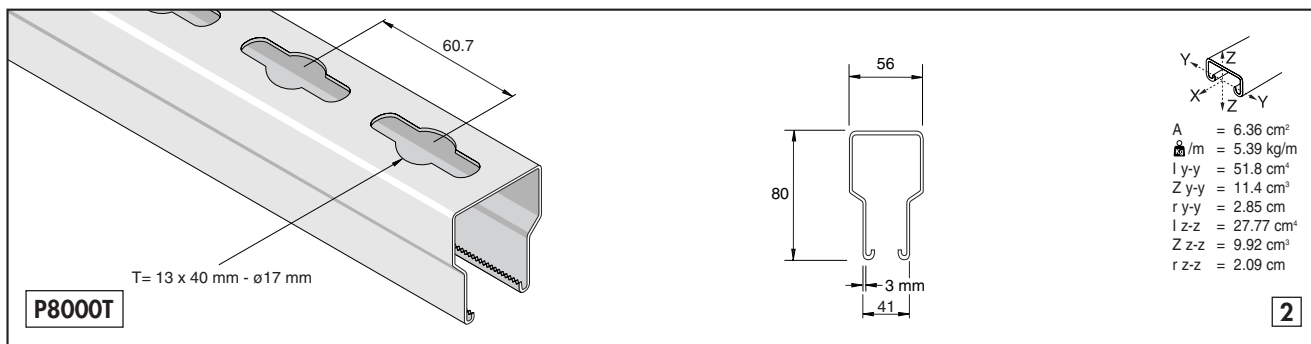
L(mm)	$\sigma=167 \text{ N/mm}^2$		$\sigma=167 \text{ N/mm}^2$		$f=1/200L$	$f=1/360L$	F(kN)
	Fmax(kN)	fmax(mm)	Fmax(kN)	fmax(mm)	F (kN)	F (kN)	
250	-	-	-	-	-	-	34.747
500	-	-	-	-	-	-	34.590
750	-	-	-	-	-	-	34.257
1000	-	-	-	-	-	-	33.766
1250	-	-	-	-	-	-	32.971
1500	7.873	2.46	15.745	3.07	-	-	31.667
1750	6.749	3.34	13.499	4.18	-	-	29.822
2000	5.906	4.38	11.811	5.47	-	-	27.674
2250	5.248	5.54	10.497	6.92	-	9.476	25.457
2500	4.724	6.83	9.447	8.54	-	7.671	23.299
2750	4.292	8.27	8.584	10.34	-	6.337	21.288
3000	3.934	9.84	7.868	12.30	-	5.327	19.443

Art.Nr.	P	L (m)
P5521226	2	6
P5521236	3	6

## UNISTRUT P8000

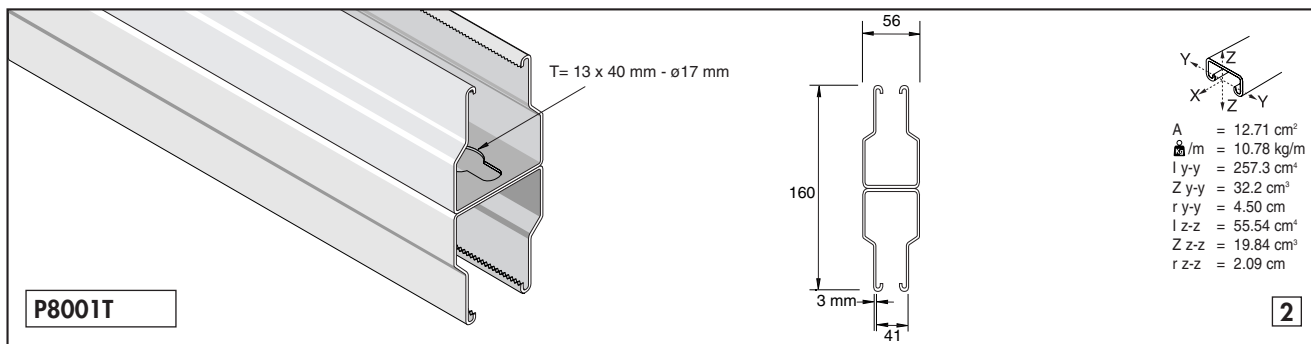
41 mm

UNISTRUT



L(mm)	F			
	Fmax(kN)	fmax(mm)	F (kN)	F (kN)
250	-	-	-	-
500	29.160	0.44	-	-
750	19.424	0.98	-	-
1000	14.540	1.75	-	-
1250	11.610	2.73	-	-
1500	9.650	3.93	-	-
1750	8.250	5.35	-	7.481
2000	7.190	6.98	-	5.700
2250	6.370	8.84	-	4.471
2500	5.710	10.91	-	3.588
2750	5.170	13.21	-	2.929
3000	4.710	15.71	4.479	2.427

Art.Nr.	P	L (m)
P8012526	2	6
P8012523	2	3

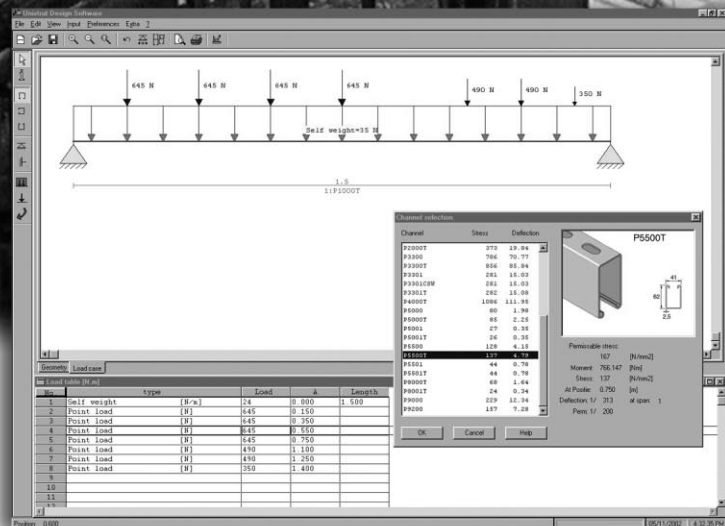
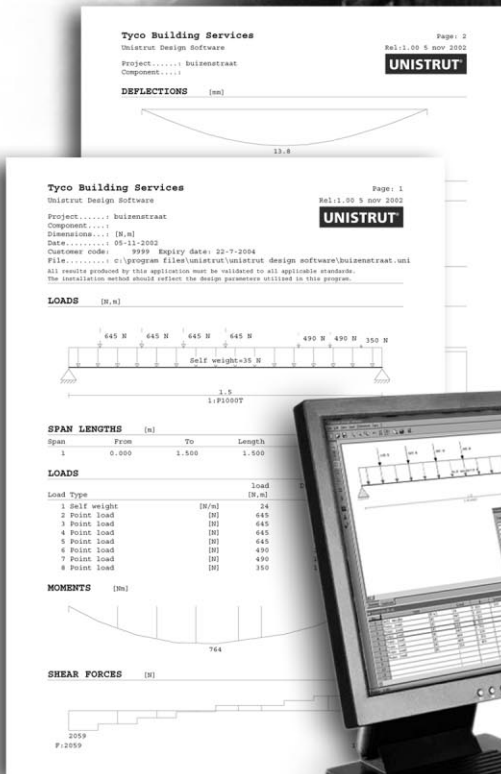
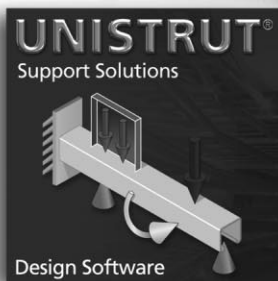


L(mm)	F			
	Fmax(kN)	fmax(mm)	F (kN)	F (kN)
250	-	-	-	-
500	-	-	-	-
750	-	-	-	-
1000	41.000	0.99	-	-
1250	32.856	1.55	-	-
1500	27.330	2.23	-	-
1750	23.380	3.04	-	-
2000	20.410	3.97	-	-
2250	18.090	5.03	-	-
2500	16.238	6.21	-	-
2750	14.713	7.51	-	-
3000	13.44	8.94	-	12.510

Art.Nr.	P	L (m)
P8022526	2	6
P8022523	2	3

Unistrut Support Solutions

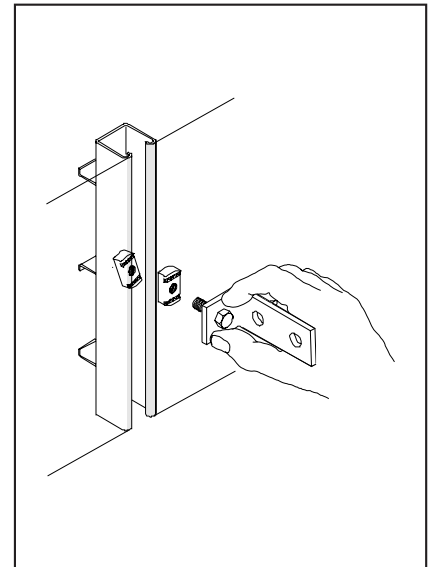
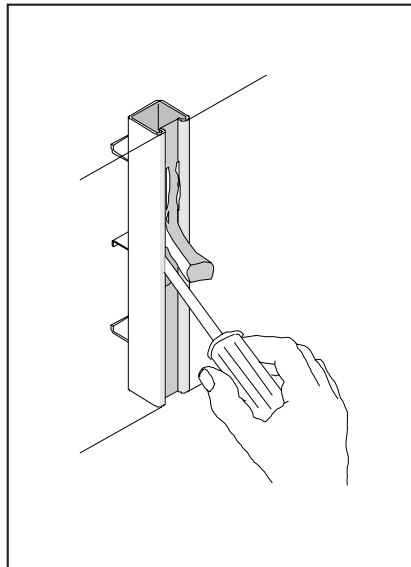
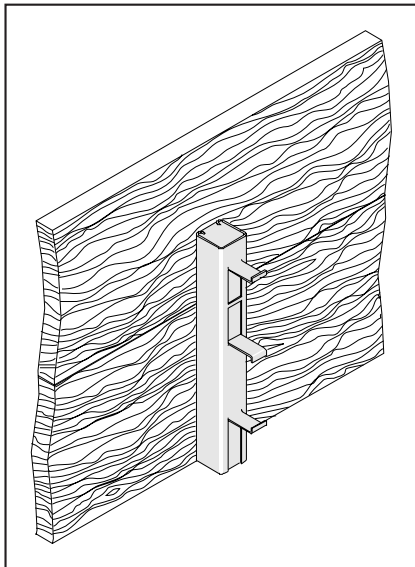
## DESIGN SOFTWARE



- GB** UNISTRUT analysis Software: A user friendly, two dimensional calculation program to analyze UNISTRUT channel sections utilized as beams and cantilevers. The program provides instantaneous results of geometries containing multiple spans with single or multiple static load conditions
- D** UNISTRUT Berechnungssoftware: Ein benutzerfreundliches, zweidimensionales Berechnungsprogramm. Das Programm analysiert UNISTRUT-Schienenprofile als Träger oder als Konsolen und schlägt eine geeignete Schiene vor. Die verschiedensten Belastungsparametern, z.B., mehrfache Überspannungen, einzelnen oder mehrfachen statischen Punktlasten, Gleichlasten, Momenten, Einspannungen und Festlager werden berücksichtigt.
- F** UNISTRUT Logiciel d'analyse: D'une utilisation conviviale, deux programmes de calcul dimensionnel pour analyser les sections de rail UNISTRUT utilisés comme poutres et consoles. Le programme permet des résultats instantanés de géométries contenant de multiples portées avec des conditions de charge statique simple ou multiple."

# UNISTRUT

- GB** Concrete inserts
- D** Schiene zum Einbetonieren
- F** Inserts béton



## **GB** Concrete Inserts

Unistrut concrete inserts are manufactured from the standard Unistrut section and may be installed in floors, walls or ceilings, for the support of all types of piping, conduit, cable support and other industrial equipment.

Unistrut nuts can be inserted anywhere along the length of the insert, providing a means of attaching all kinds of fittings or rods where required.

Unistrut inserts are available pre-filled with an easily removable foam, this is to prevent the ingress of grout and cement.

Concrete inserts can be supplied in pre galvanised, hot dip galvanized and stainless steel finish. Details on request.

## **D** Schienen zum Einbetonieren

Unistrut Schienen zum Einbetonieren werden aus Standard - Unistrut - Schienen hergestellt und können in Böden, Wänden oder Decken zur Halterung von allen möglichen Arten von Rohrleitungen, Kabelbühnen und anderen industriellen Einrichtungen installiert werden.

Unistrut Schienenmuttern können an jeder beliebigen Stelle entlang der einbetonierten Schiene eingesetzt werden und sorgen für eine perfekte Befestigung von Verbindungsteilen oder Gewindestangen, wo gefordert.

Unistrut Schienen zum Einbetonieren sind mit einem leicht zu entfernenden Schaum vorgefüllt erhältlich um das Eindringen von Mörtel und Zement zu verhindern. Schienen zum Einbetonieren können in sendzimirverzinkt, feuerverzinkt und Edelstahl ( 1.4571, A4) geliefert werden. Details auf Anfrage.

## **F** Inserts béton

Les profils inserts Unistrut sont fabriqués à partir du profil standard Unistrut.

Ils peuvent être installés dans les murs et les planchers et peuvent recevoir les supports de cables, de tubes et tous types de conduites.

Les écrous Unistrut peuvent être fixés à n'importe quel endroit du profil.

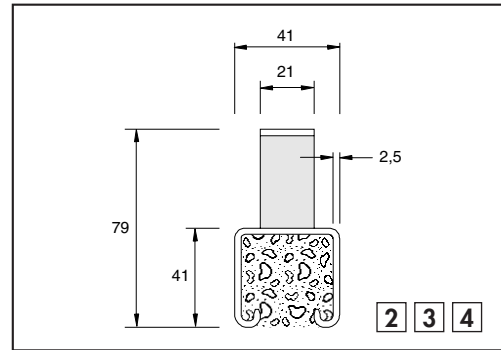
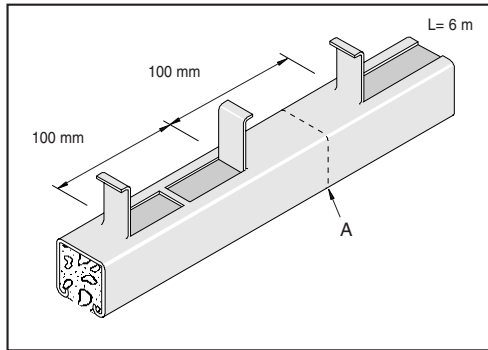
Les profils inserts sont remplis de mousse phénolique, non inflammable et facilement retirable. Elle est destinée à empêcher le ciment de se mettre à l'intérieur du profil.

Les profils inserts se font aussi en acier galvanisé à chaud et en inox.

Concrete inserts **GB**  
 Schiene zum Einbetonieren **D**  
 Inserts béton **F**

## P3270

Art.nr.	P
P3270	2
P3270H	3
P3270SS	4



**GB** P3270 inserts are designed to accommodate M6, M8, M10, M12 & M16 fixings.  
 Normal cutting positions are between lugs as indicated. (A)

Non standard lengths can be supplied in increments of 200mm

Recommended loading on P3270 inserts in average strength concrete\* with a safety factor of approximately 3, is as follows:

Inserts 300mm and over 8,8 kN pull out per 300mm.

\*B = 25 N/mm<sup>2</sup>

**D** 41 mm x 41 mm x 2,5 mm  
 Materialstärke

P3270 Schienen zum Einbetonieren wurden zur Aufnahme von M6, M8, M10, M12 & M16 Befestigungen entwickelt. Die Schnittstelle wird normalerweise wie angezeigt zwischen den Haken platziert.

Abweichende Längen vom Standardmaß können in Schritten von 200 mm geliefert werden.

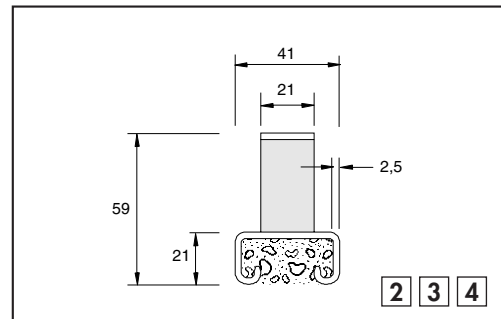
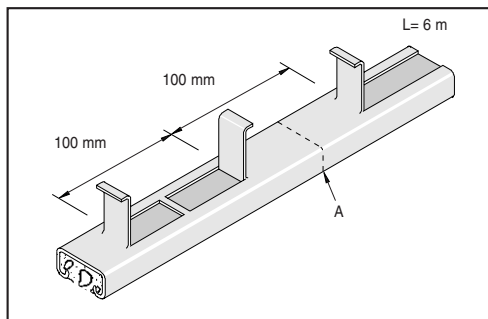
Empfohlene Lasten auf die Schiene P3270 einbetoniert in durchschnittlichem Beton betragen mit einem ungefähren Sicherheitsfaktor von 3: Schienen zum Einbetonieren mit einer Länge von 300 mm und größer: Max. zulässige Zugkraft 8,8 kN je 300 mm Schienenlänge

**F** Acier étiré à froid pré-galvanisé  
 Longueur standard: 6m  
 Pds: 16,64 kg par longueur  
 CI 10 est prévu pour recevoir les écrous  
 M6, M8, M10, M12, et M16. Les coupes sont à effectuer à mi-distance des pattes de scellement. (A)

Charges admissibles\*  
 Pour une longueur minimum scellée de 300 mm la charge est de 8,8 kN tous les 300 mm. Coefficient de sécurité: 3

## P3370

Art.nr.	P
P3370	2
P3370H	3
P3370SS	4



**GB** P3370 inserts are designed to accommodate M6, M8, M10 & M12 fixings.  
 Normal cutting positions are between lugs as indicated. (A)

Non standard lengths can be supplied in increments of 200mm

Recommended loading on P3370 inserts in average strength concrete\* with a safety factor of approximately 3, is as follows:

Inserts 300mm and over 6,7 kN pull out per 300mm.

\*B = 25 N/mm<sup>2</sup>

**D** 41 mm x 21 mm x 2,5 Materialstärke

P3370 Schienen zum Einbetonieren wurden zur Aufnahme von M6, M8, M10 & M12 Befestigungen (siehe S.11) entwickelt. Die Schnittstelle wird normalerweise wie angezeigt zwischen den Haken platziert.

Abweichende Längen vom Standardmaß können in Schnitten von 200 mm geliefert werden.

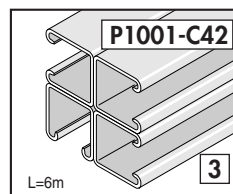
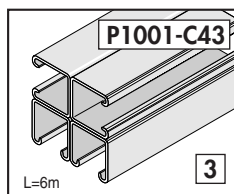
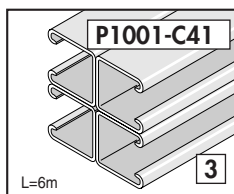
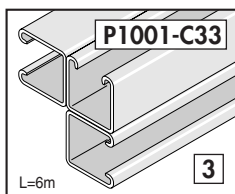
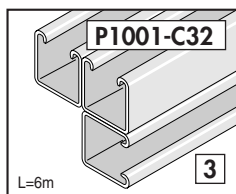
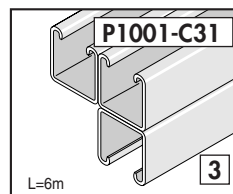
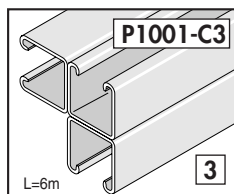
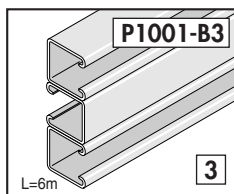
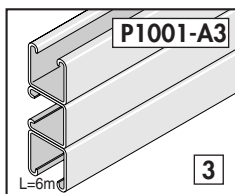
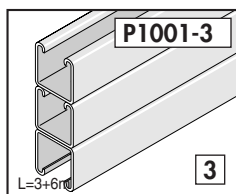
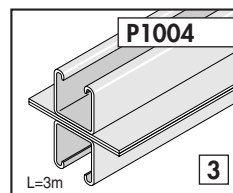
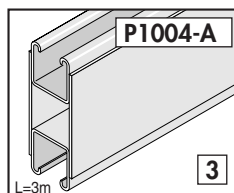
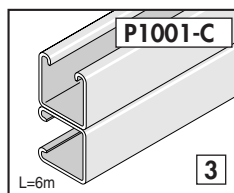
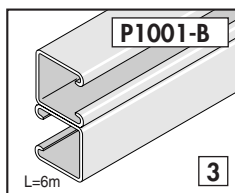
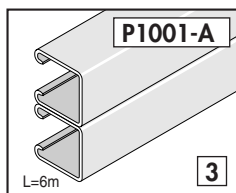
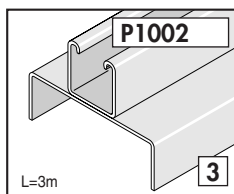
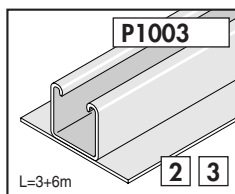
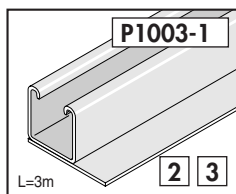
Empfohlene Lasten auf die Schiene P3370 einbetoniert in Standard - Beton betragen mit einem ungefähren Sicherheitsfaktor von 3: Schienen zum Einbetonieren mit einer Länge von 300 mm und größer: Max. zulässige Zugkraft 6,7 kN je 300 mm Schienenlänge

**F** Acier étiré à froid pré-galvanisé  
 Longueur standard: 6 m  
 Pds: 11,38 kg par longueur  
 CI 13 est prévu pour recevoir les écrous M6, M8, M10 et M12.  
 Les coupes sont à effectuer à mi-distance des pattes de scellement. (A)

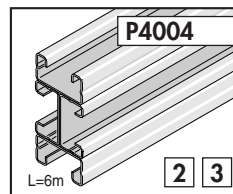
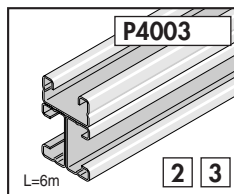
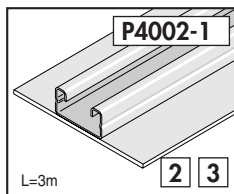
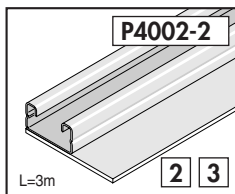
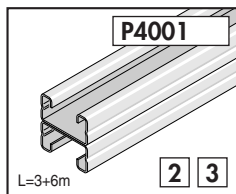
Charges admissibles\*  
 Pour une longueur minimum scellée de 300 mm la charge est de 6,7 kN tous les 300 mm.  
 Coefficient de sécurité: 3

# UNISTRUT

- GB** P1000 special channels
- D** P1000 Sonder Schienen Kombinationen
- F** P1000 combinaisons spéciales des rails

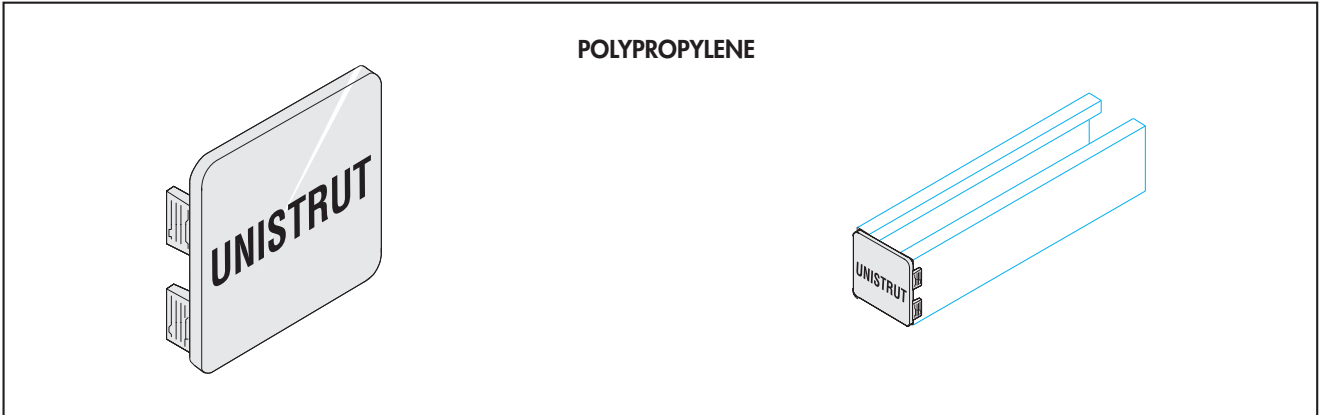


- GB** P4000 Special channels
- D** P4000 Sonder Schienen Kombinationen
- F** P4000 combinaisons spéciales des rails



# UNISTRUT

Concrete inserts **GB**  
 Schiene zum Einbetonieren **D**  
 Inserts béton **F**



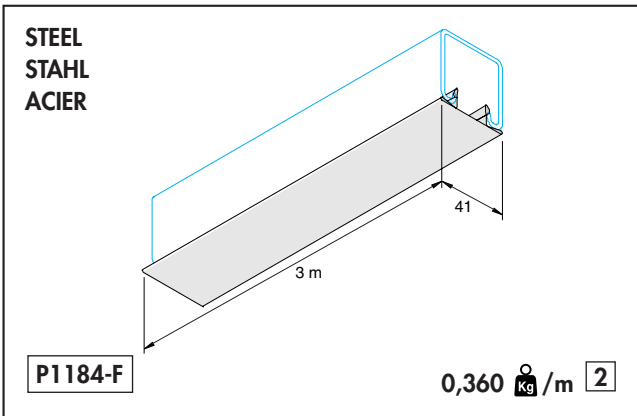
POLYPROPYLENE

41 mm

UNISTRUT

Art.Nr.	Art.Nr.	Art.Nr.			
bleu/blau/bleu	white/weiß/blanc	black/schwarz/noir	41 x 21 (P3300 & P4000)	0,3	25
139 21 98	139 21 96	139 21 97	41 x 41 (P1000)	0,5	25
139 41 98	139 41 96	139 41 97	41 x 62 (P5500)	0,8	25
139 62 98	139 62 96	139 62 97			

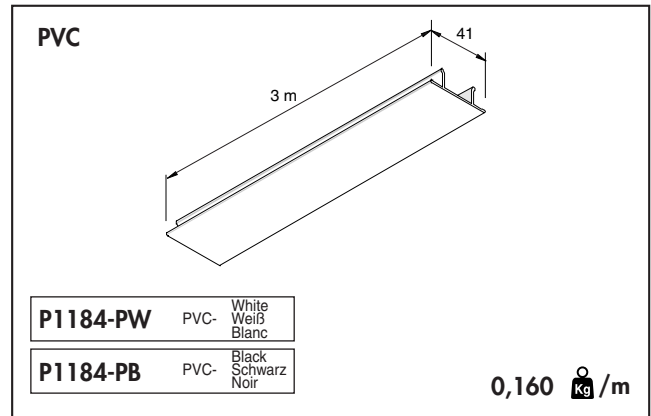
Channel cover **GB**  
 Deckel **D**  
 Capots de rails **F**



STEEL  
 STAHL  
 ACIER

P1184-F

0,360 /m **2**



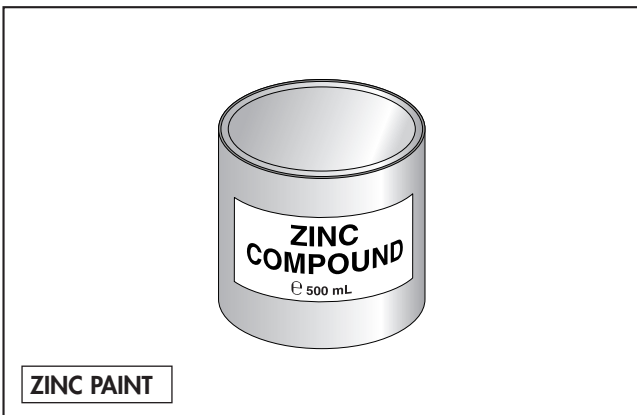
PVC

P1184-PW PVC- White  
 Weiß  
 Blanc

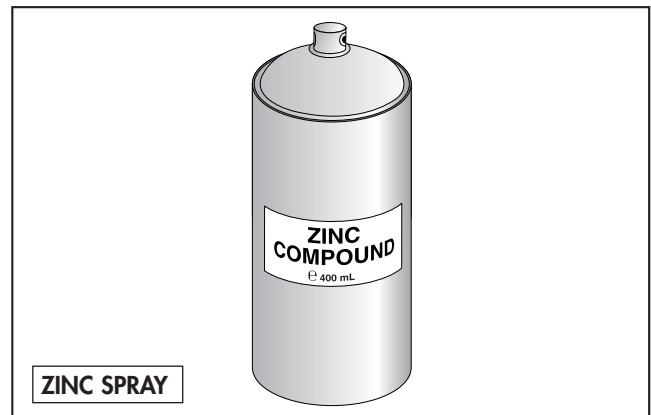
P1184-PB PVC- Black  
 Schwarz  
 Noir

0,160 /m

Zinc paint **GB**  
 Zinkschutzfarbe **D**  
 Peinture au zinc **F**



ZINC PAINT

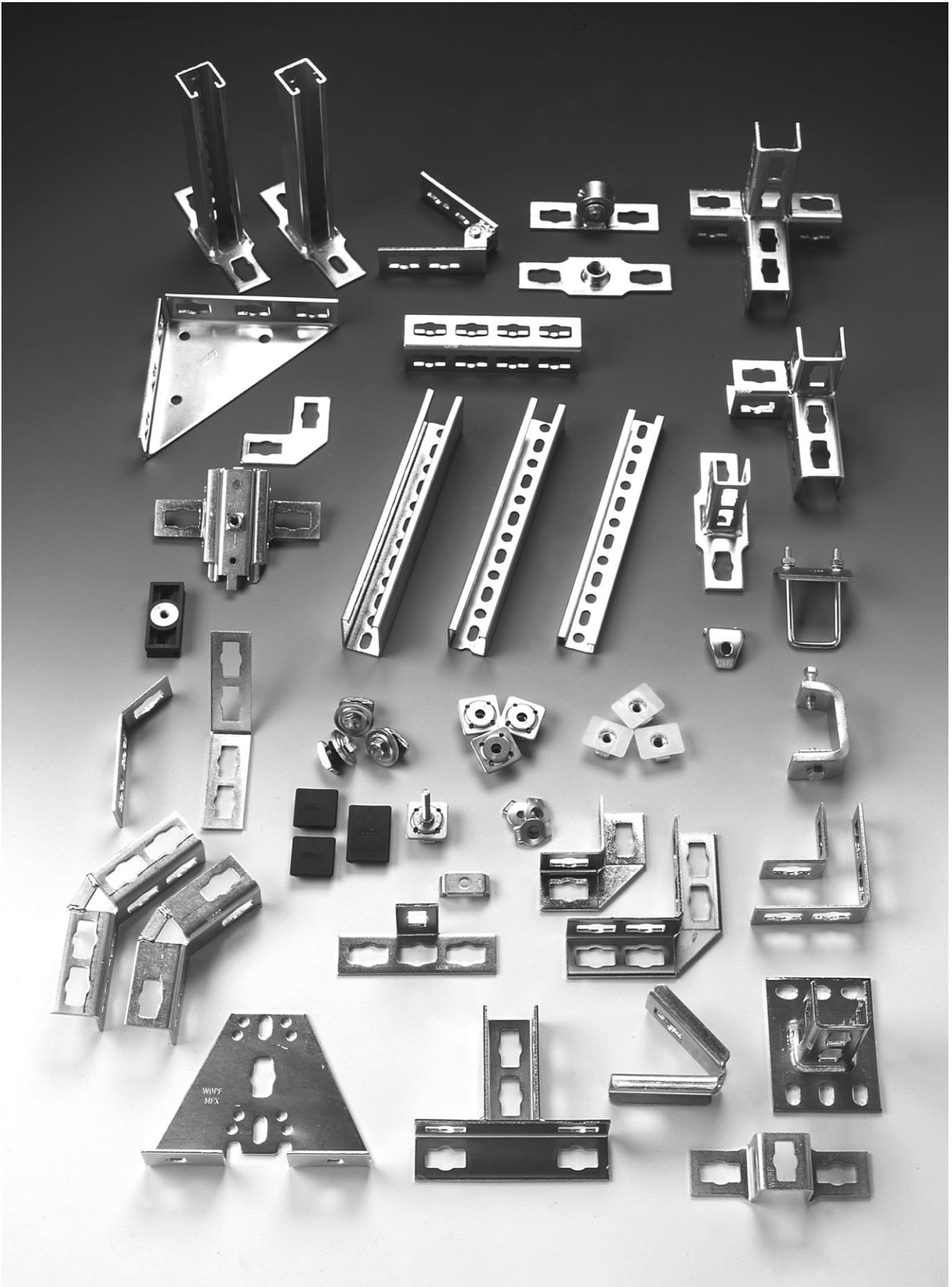


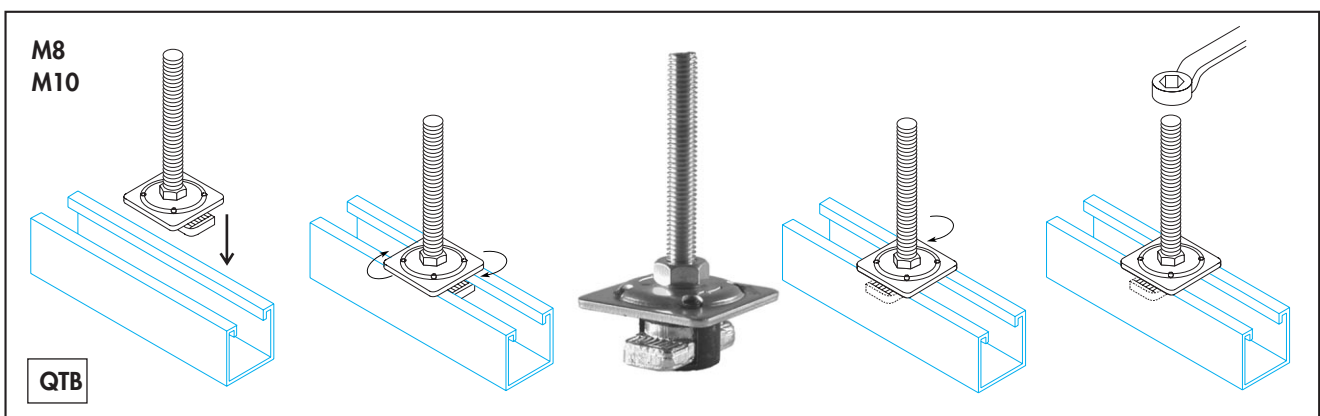
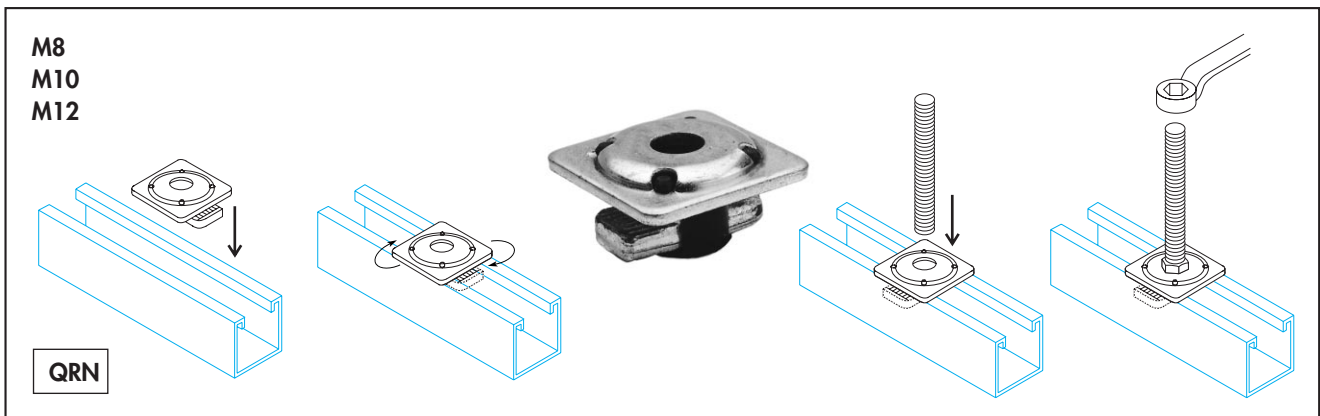
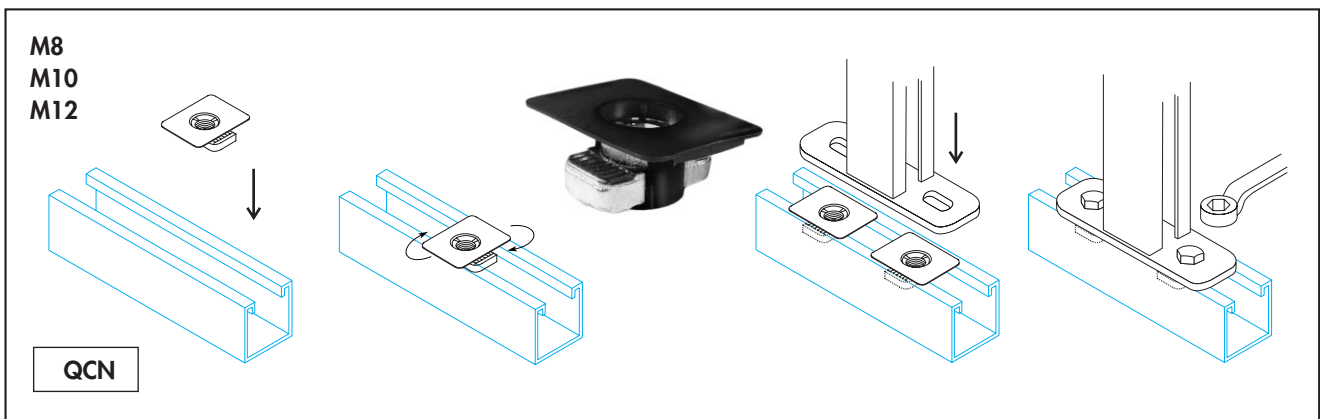
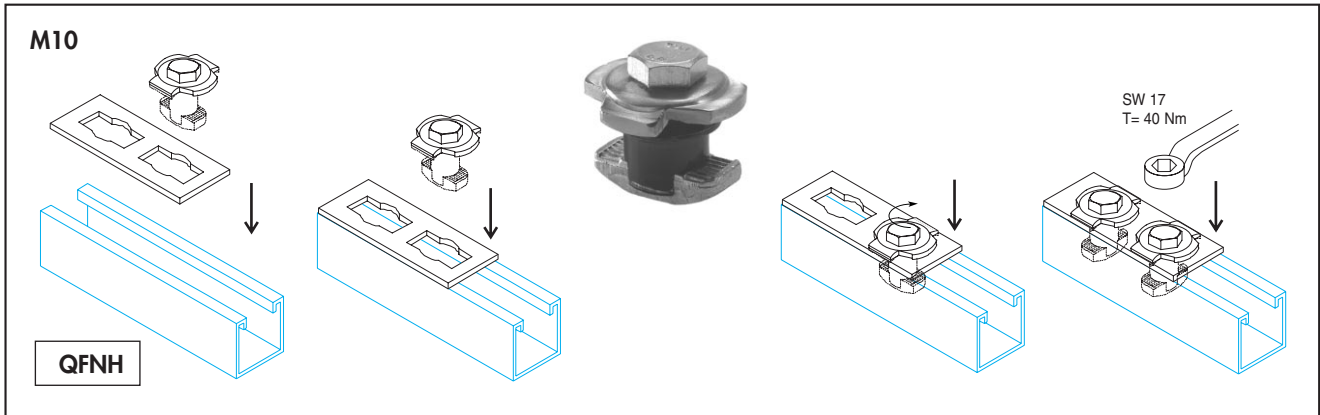
ZINC SPRAY

Art. nr.	e	
ZINC0500ML	500ml	1,35

Art. nr.	e	
ZINC0400ML	400ml	1,35

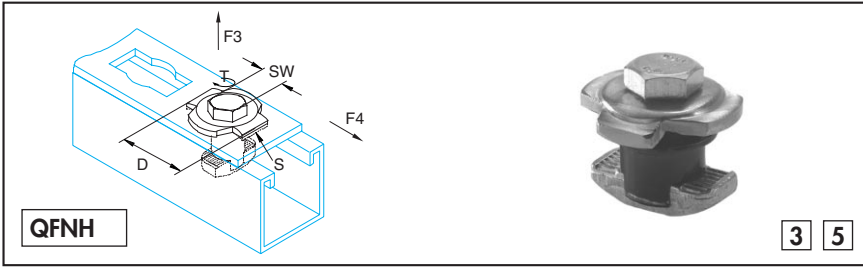


**KWIKSTRUT**

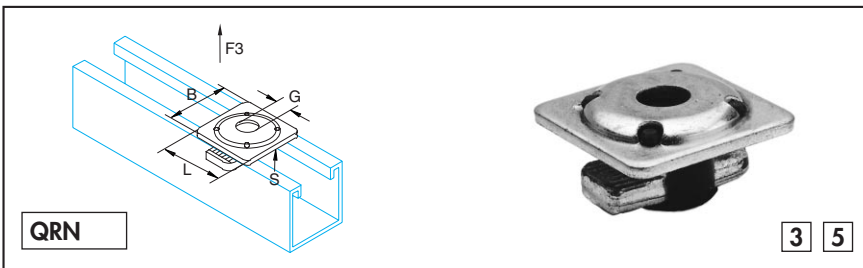
Installation example **GB**Montageanleitung **D**Exemple de montage **F**

# KWIKSTRUT

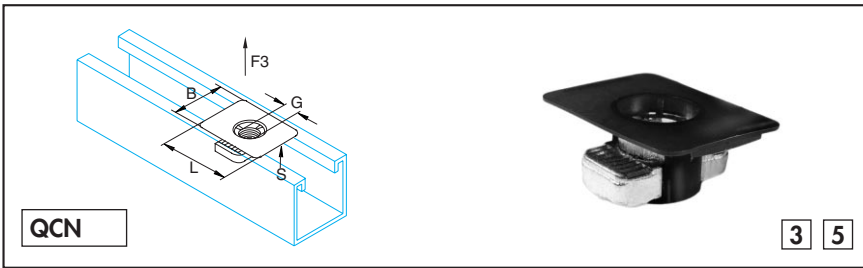
- GB** Channel nuts for Unistrut channels
- D** Schienenmutter für Unistrut Schienen
- F** Plaques Taraudées pour rails Unistrut



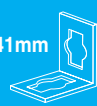
Art.Nr.	Art.Nr.	G	D	SW	S	T	F3	F4	kg	
139 10 16	139 10 19	M10	40	17	4	40	5	2,5	0,100	50



Art.Nr.	Art.Nr.	G	L	B	S	F3	kg	
139 08 20	139 08 24	M8	40	40	2,5	5	0,060	50
139 10 20	139 10 24	M10	40	40	2,5	5	0,058	50
139 12 20	139 12 24	M12	40	40	2,5	5	0,055	50



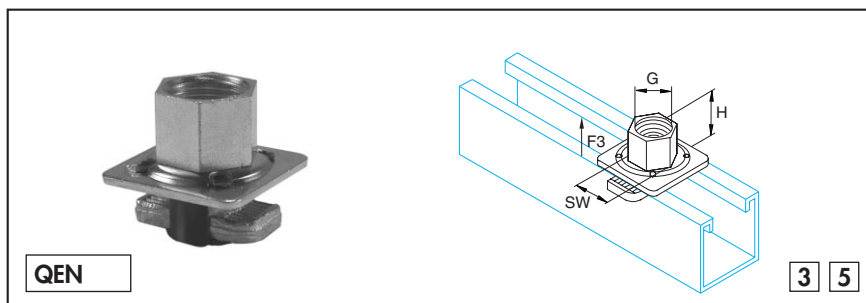
Art.Nr.	Art.Nr.	G	L	B	S	F3	kg	
139 08 30	139 08 34	M8	45	34	0,8	5	0,033	50
139 10 30	139 10 34	M10	45	34	0,8	5	0,030	50
139 12 30	139 12 34	M12	45	34	0,8	5	0,028	50



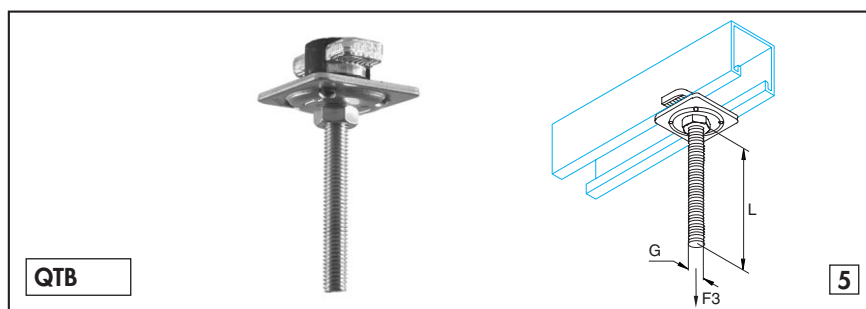
1.023

# KWIKSTRUT

Channel nuts for Unistrut channels **GB**  
 Schienenmutter für Unistrut Schienen **D**  
 Plaques Taraudées pour rails Unistrut **F**



Art.Nr. 5	Art.Nr. 3	G	H mm	SW mm	F3 kN	⚖️	📦
139 16 20	139 16 24	M16	26	22	5	0,095	50
139 22 20	139 22 24	1/2"	26	27	5	0,115	50



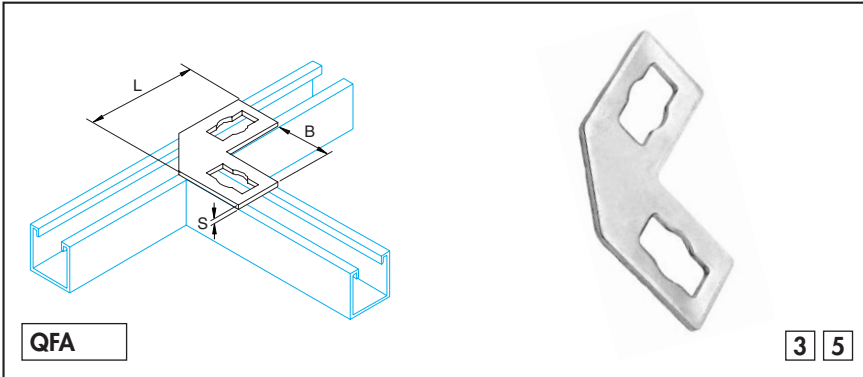
Art.Nr.	G x L	F3 kN	⚖️	📦
139 02 58	M8 x 25	5	0,085	100
139 05 08	M8 x 50	5	0,092	100
139 10 08	M8 x 100	5	0,106	100
139 15 08	M8 x 150	5	0,122	100
139 20 08	M8 x 200	5	0,129	100
139 02 50	M10 x 25	5	0,100	100
139 05 00	M10 x 50	5	0,110	100
139 10 00	M10 x 100	5	0,129	100
139 15 00	M10 x 150	5	0,156	100
139 20 00	M10 x 200	5	0,168	100
139 02 52	M12 x 25	5	0,115	100
139 05 02	M12 x 50	5	0,129	100
139 10 02	M12 x 100	5	0,162	100
139 15 02	M12 x 150	5	0,197	100
139 20 02	M12 x 200	5	0,215	100



KWIKSTRUT




# KWIKSTRUT

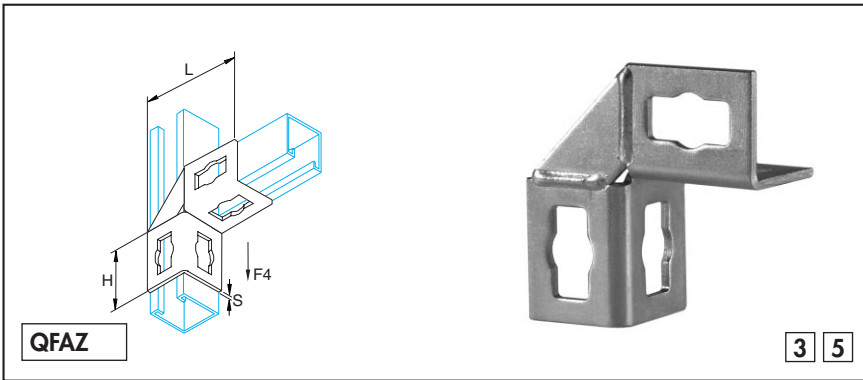
- GB** Angle fittings
- D** Winkelverbinder divers
- F** Pièces d'assemblage d'angle



**QFA**




**3 5**

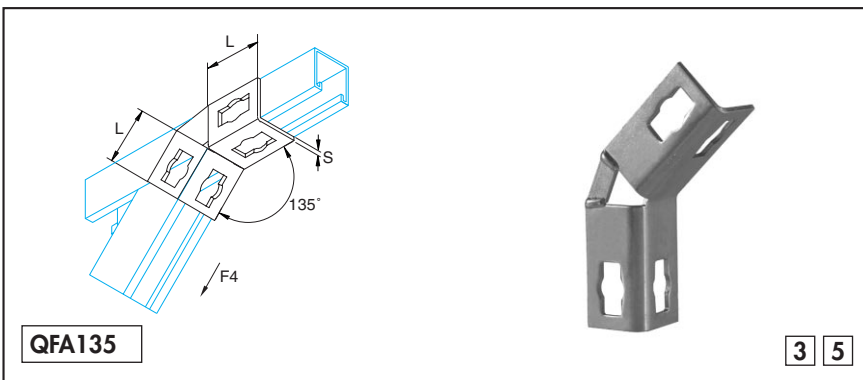
Art.Nr.	Art.Nr.		B mm	L mm	S mm		
139 01 25	139 01 24	1 & 1	52	92	4	0,125	25



**QFAZ**




**3 5**

Art.Nr.	Art.Nr.		H mm	L mm	S mm	F4 kN		
139 90 55	139 90 54	2+2	58	103	4	2	0,249	10
139 90 65	139 90 64	4+4	106	150	4	3	0,408	10



**QFA135**

**3 5**

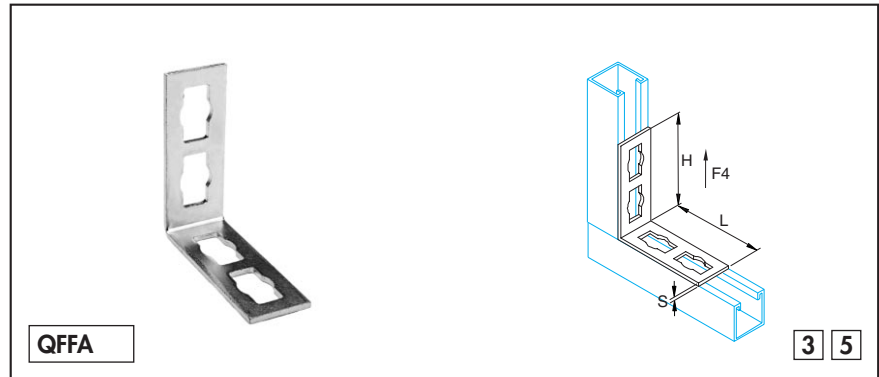
Art.Nr.	Art.Nr.		L mm	S mm	F4 kN		
139 35 55	139 35 54	2+2	56	4	2	0,249	10
139 35 65	139 35 64	4+4	103	4	3	0,390	10




# KWIKSTRUT

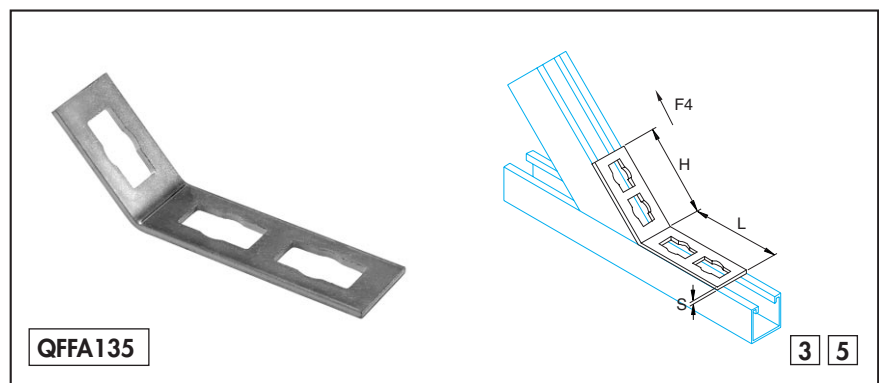
Angle fittings **GB**




Winkerverbinder divers **D**

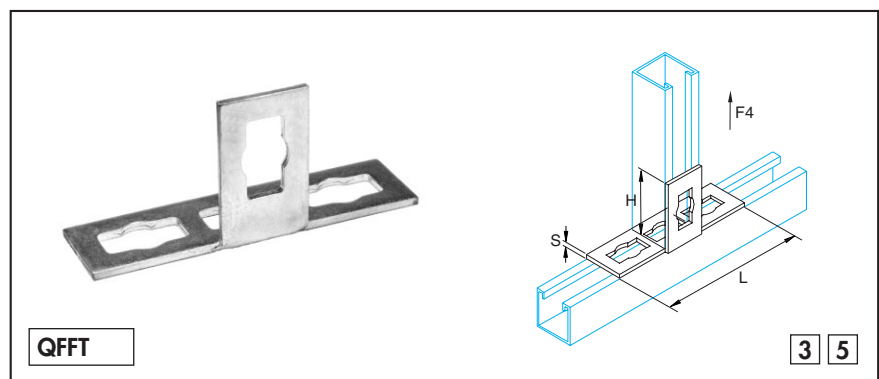
Pièces d'assemblage d'angle **F**






Art.Nr. 5	Art.Nr. 3		H mm	L mm	S mm	F4 kN		
139 90 25	139 90 24	1 & 1	65	65	4	2	0,109	25
139 90 35	139 90 34	1 & 2	110	65	4	2	0,146	25
139 90 45	139 90 44	2 & 2	110	110	4	3	0,186	25



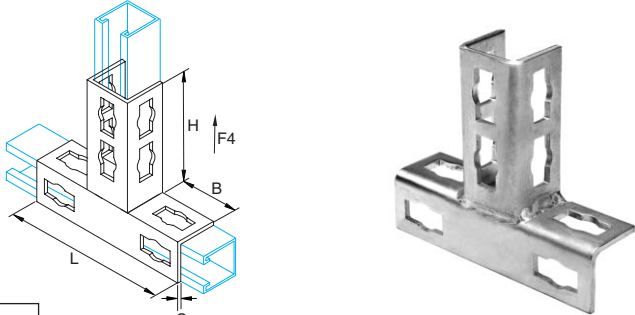
Art.Nr. 5	Art.Nr. 3		H mm	L mm	S mm	F4 kN		
139 35 35	139 35 34	1 & 2	110	65	4	2	0,143	25
139 35 45	139 35 44	2 & 2	110	110	4	3	0,180	25






Art.Nr. 5	Art.Nr. 3		H mm	L mm	S mm	F4 kN		
139 01 15	139 01 14	1 & 3	66	150	4	2	0,187	25

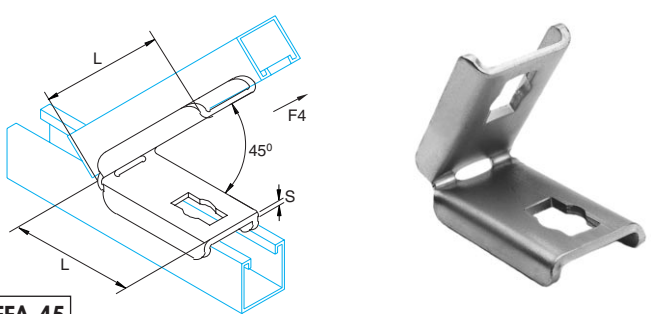
# KWIKSTRUT

- GB** Fittings
- D** Kreuz-Verbindungswinkel
- F** Pièces de raccordements






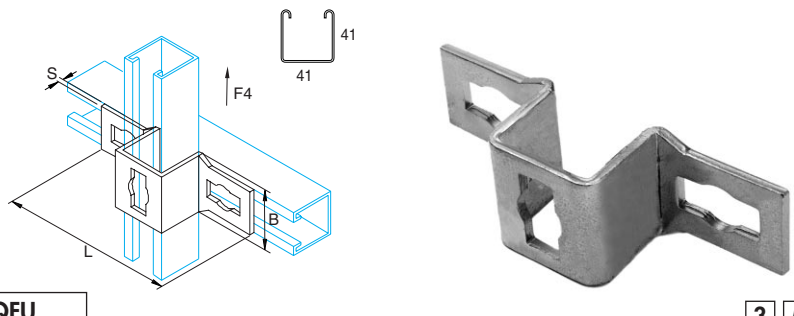
**QFT** 3 5

Art.Nr.	Art.Nr.		H mm	L mm	B mm	S mm	F4 kN		
139 41 18	139 41 15	6 & 4	108	175	63	4	3	0,690	25






**QFFA 45** 3 5

Art.Nr.	Art.Nr.		L mm	S mm	F4 kN		
139 45 25	139 45 24	1 & 1	104	5	2	0,460	25

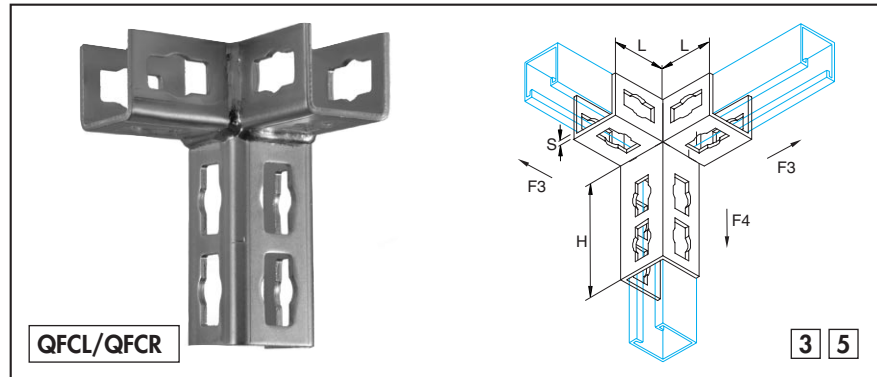


**QFU** 3 5

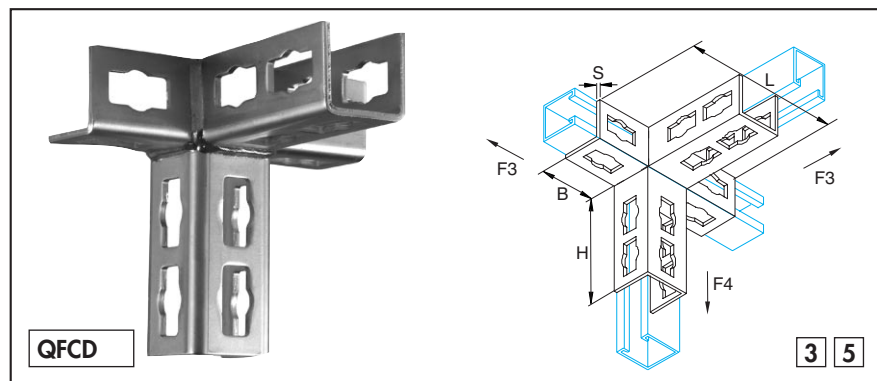
Art.Nr.	Art.Nr.		L mm	B mm	S mm	F4 kN		
139 41 38	139 41 34	2 & 1	162	52	4	2	0,291	25

# KWIKSTRUT

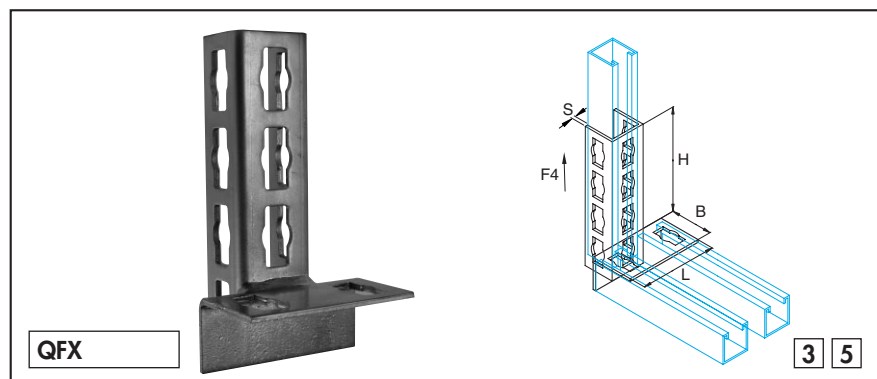
Fittings **GB**  
 Kreuz-Verbindungswinkel **D**  
 Pièces de raccordements **F**



Art.Nr. [5]	Art.Nr. [3]			H mm	L mm	S mm	F3 kN	F4 kN	kg	
139 41 11	139 41 13	left/links/gauche	6 & 3 & 3	107	62	4	2	3	0,660	10
139 41 12	139 41 14	right/rechts/droit	6 & 3 & 3	107	62	4	2	3	0,660	10



Art.Nr. [5]	Art.Nr. [3]		L mm	B mm	H mm	S mm	F3 kN	F4 kN	kg	
139 41 28	139 41 24	6 & 3 & 4	175	62	108	4	2	3	1,100	10

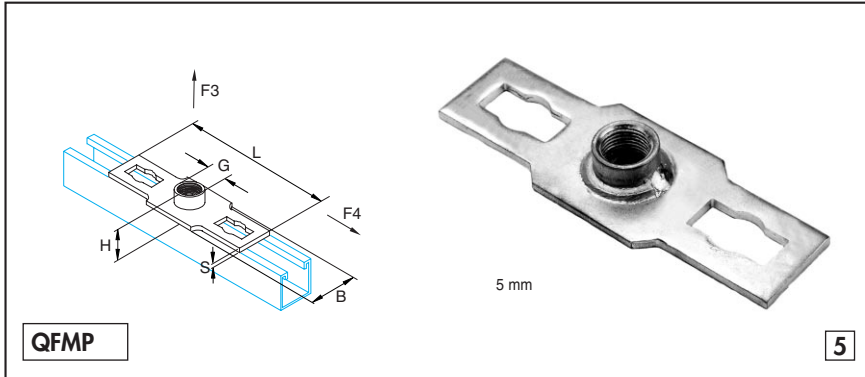




Art.Nr. [5]	Art.Nr. [3]		L mm	B mm	H mm	S mm	F4 kN	kg	
139 13 92	139 13 95	11 & 1 & 1	107	60	150	4	4	0,8	10



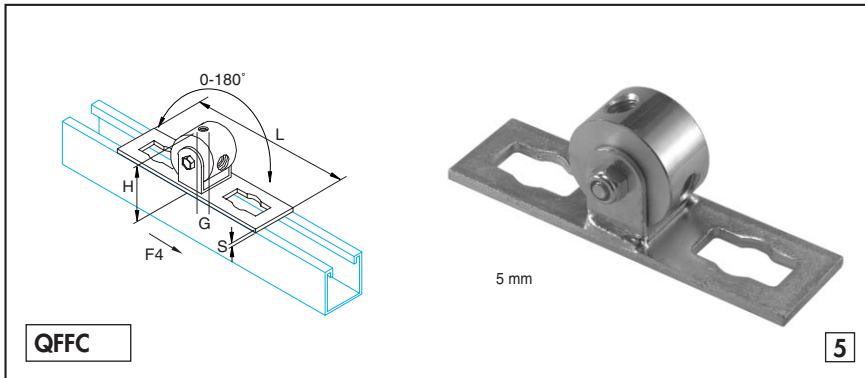
# KWIKSTRUT



- GB** Rod connection fittings
- D** gewinde-Befestigungen
- F** Fixations pour tiges et tuisés taraudés

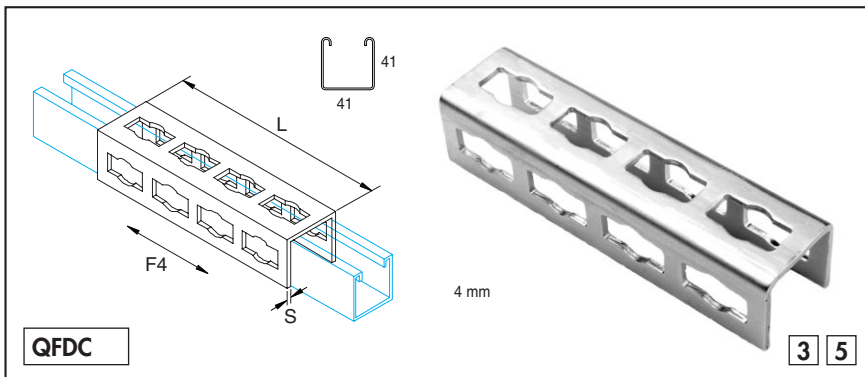




Art.Nr.	G N		L mm	B mm	H mm	S mm	F3 kN	F4 kN	kg	
139 08 25	M8	2	176	56	13	5	5	3	0,274	25
139 10 25	M10	2	176	56	13	5	5	3	0,272	25
139 12 25	M12	2	176	56	15	5	5	3	0,274	25
139 16 25	*M16	2	176	56	18	5	5	3	0,306	25
139 22 25	*R 1/2"	2	176	56	20,5	5	5	3	0,297	25
139 28 25	*R 3/4"	2	176	56	22,5	5	5	3	0,309	25

- \* - Full weld
- Rundgeschweißt
- Soudure par cordon continu



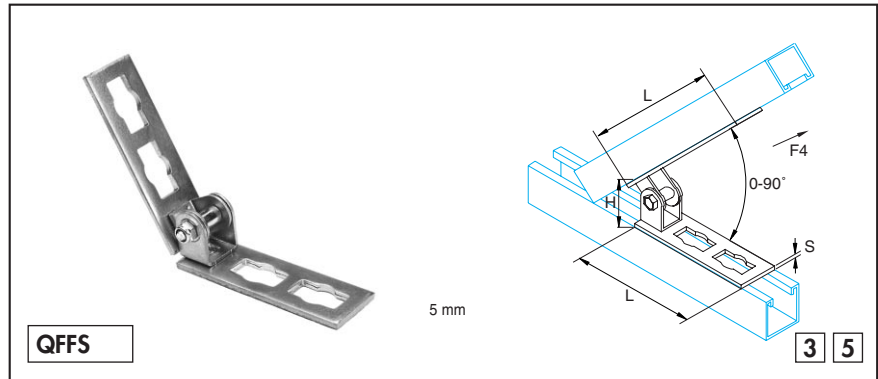
Art.Nr.	G		L mm	H mm	S mm	F4 kN	kg	
139 01 35	M8/M10/M12	2	150	53	5	3	0,514	10






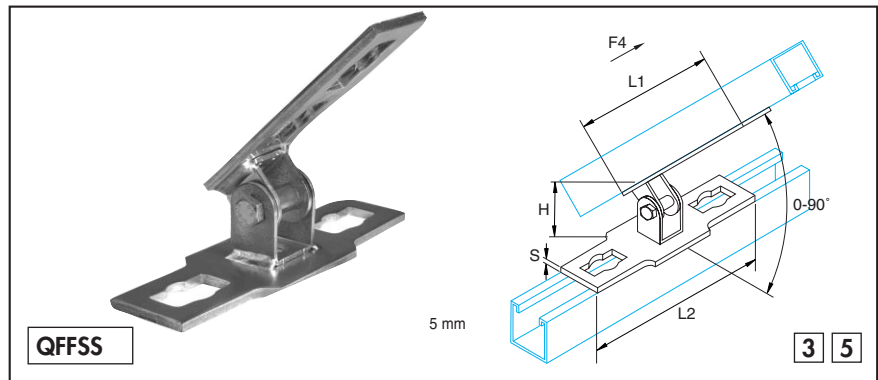
Art.Nr.	Art.Nr.		L mm	S mm	F4 kN	kg	
139 41 48	139 41 44	12	193	4	3	0,510	10




# KWIKSTRUT

Adjustable angle fittings **GB**  
 Gelenk-Winkelverbinder **D**  
 Pièces d'assemblages articulées **F**



Art.Nr. 5	Art.Nr. 3		L mm	H mm	S mm	F4 kN		
139 01 85	139 01 84	2 & 2	122	55	5	3	0,448	10



Art.Nr. 5	Art.Nr. 3		L1 mm	L2 mm	H mm	S mm	F4 kN		
139 01 95	139 01 94	2 & 2	122	176	55	5	3	0,510	10

# KWIKSTRUT

- GB** Channel base fittings
- D** Schienenfuß
- F** Embases

**KB41** **3 5**

Art.Nr.	Art.Nr.		F4	b	h	H	B	L	S		
<b>5</b>	<b>3</b>		N	mm	mm	mm	mm	mm	mm	Kg	
139 41 58	139 41 53	6	3000	62	100	130	100	108	5	0,771	10

**KB82** **3 5**

Art.Nr.	Art.Nr.		b	h	H	B	L	S		
<b>5</b>	<b>3</b>		mm	mm	mm	mm	mm	mm	Kg	
139 44 58	139 44 54	6 & 6	62	140	170	130	108	8	1,920	5

**KB124** **3 5**

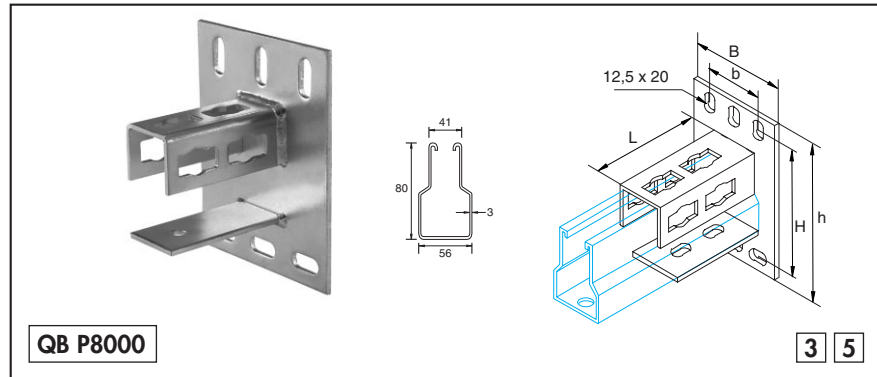
Art.Nr.	Art.Nr.		b	h	H	B	L	S		
<b>5</b>	<b>3</b>		mm	mm	mm	mm	mm	mm	Kg	
139 66 58	139 66 54	6 & 6	62	180	210	130	108	8	2,246	5

# KWIKSTRUT

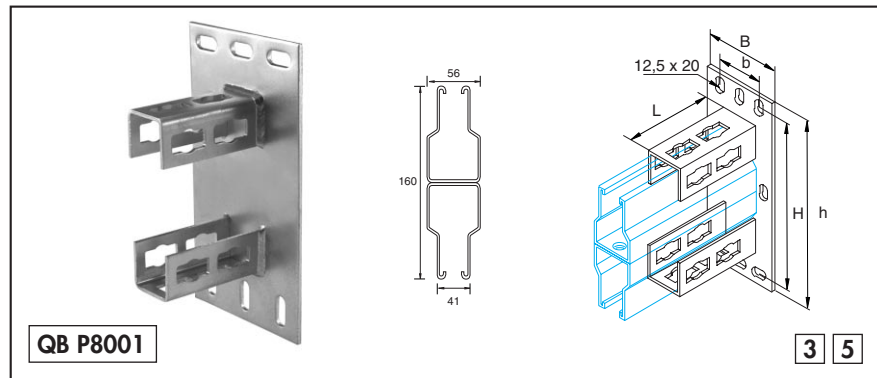
Channel base fittings **GB**

Schienenfuß **D**

Embases **F**



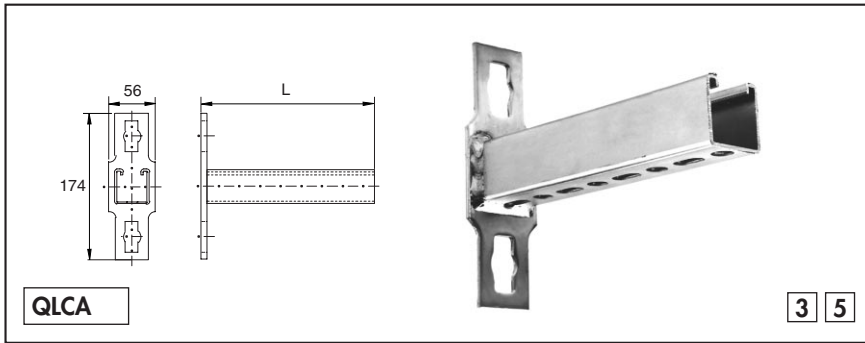
Art.Nr. 5	Art.Nr. 3		b mm	H mm	h mm	B mm	L mm		
139 75 58	139 75 54	6	62	200	165	130	108	1,950	5



Art.Nr. 5	Art.Nr. 3		b mm	H mm	h mm	B mm	L mm		
139 76 59	139 76 54	6 & 6	62	280	245	130	108	2,700	5

# KWIKSTRUT

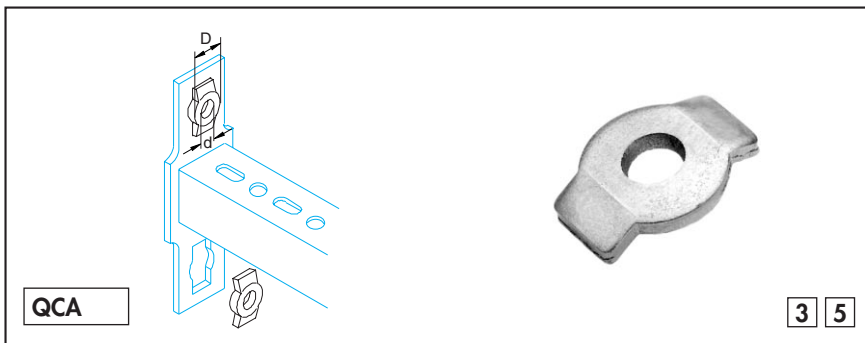
- GB** Cantilever arms
- D** Schienenkonsole/Adapterscheibe
- F** Consoles



QLCA

3 5

Art.Nr.	Art.Nr.		L					
5	3		mm					
139 41 19	139 41 16	0,752	200	2.37 kN	-	-	-	10
139 41 29	139 41 26	0,873	250	1.55 kN	0.98 kN	-	-	10
139 41 39	139 41 36	1,113	350	1.15 kN	0.68 kN	0.55 kN	-	10
139 41 49	139 41 46	1,362	450	0.92 kN	0.52 kN	0.40 kN	0.36 kN	10

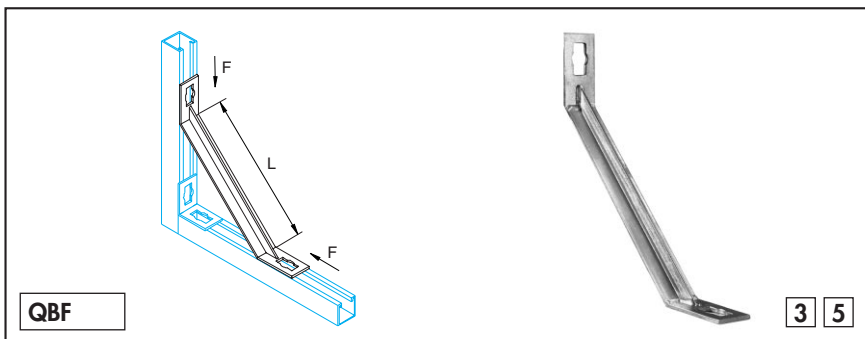


QCA

3 5

Art.Nr.	Art.Nr.	D	d		
5	3	mm	mm	/100	
139 08 65	139 08 64	27	8,5	2,1	50
139 10 65	139 10 64	27	10,5	2,0	50
139 12 65	139 12 64	27	12,5	1,9	50

- GB** Angle brackets
- D** Stützstrebe und Winkelkonsole
- F** Equerres triangulaires



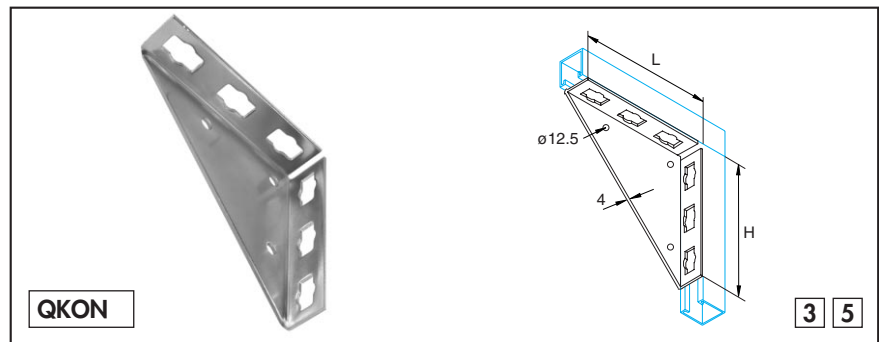
QBF

3 5

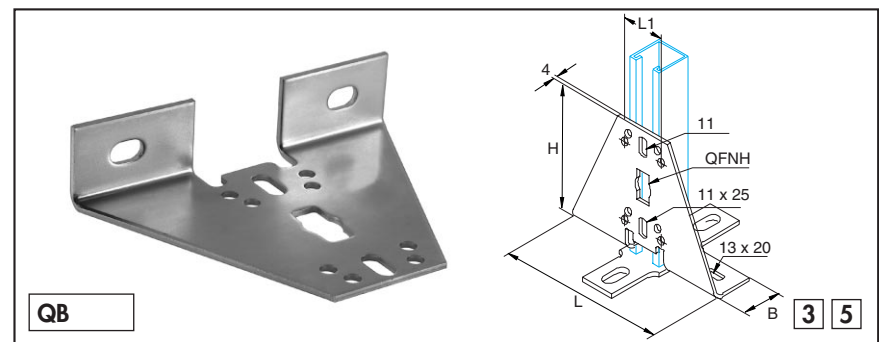
Art.Nr.	Art.Nr.	F	L		
5	3	kN	mm		
139 30 07	139 30 04	2	300	0,616	10
139 40 07	139 40 04	2	400	0,806	10
139 50 07	139 50 04	2	500	1,026	10
139 60 07	139 60 04	2	600	1,237	10

# KWIKSTRUT

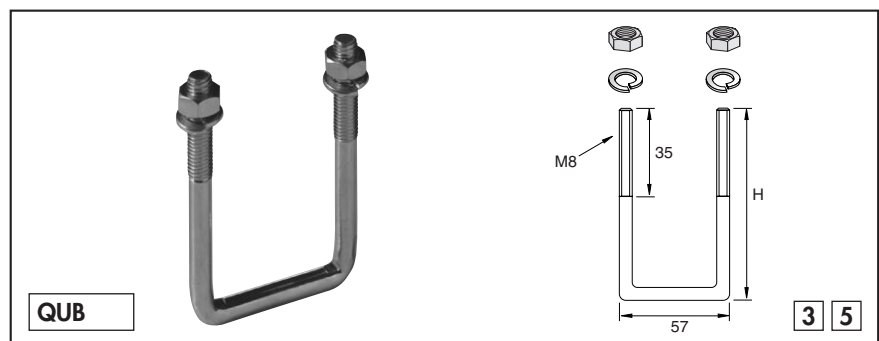
Angle brackets **GB**  
 Stützstrebe und Winkelkonsole **D**  
 Equerres triangulaires **F**



Art.Nr. 5	Art.Nr. 3	H mm	L mm		
139 01 55	139 01 54	195	195	0,992	10
139 01 65	139 01 64	210	155	0,778	10



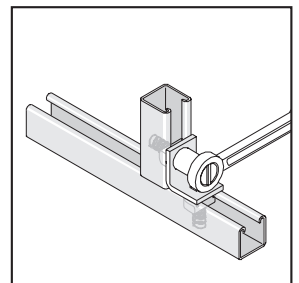
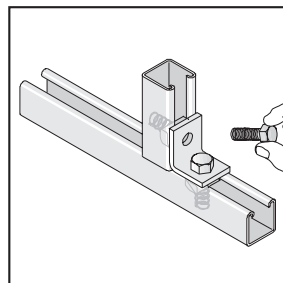
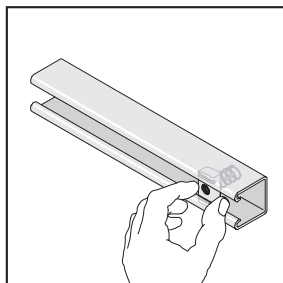
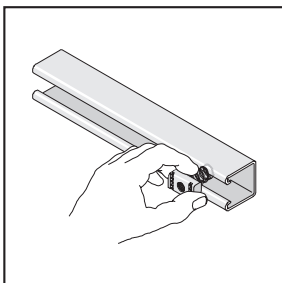
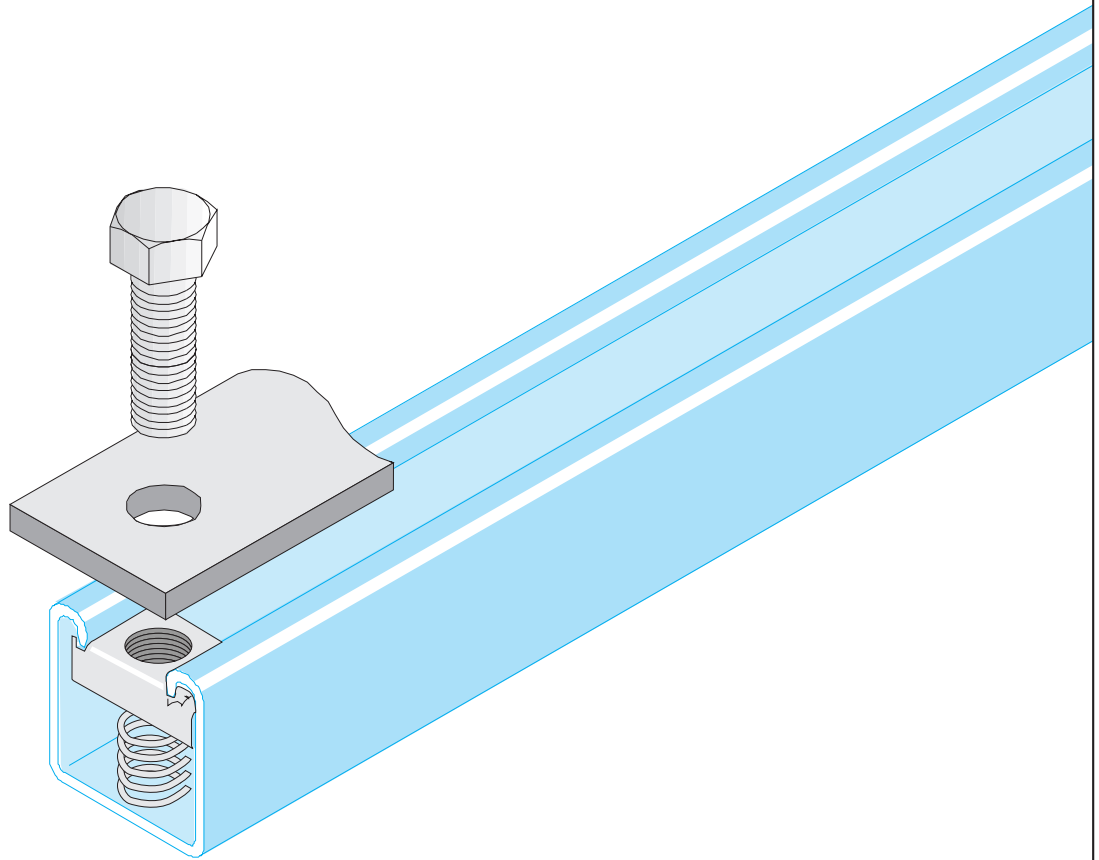
Art.Nr. 5	Art.Nr. 3	H mm	B mm	L mm	L1 mm		
139 13 91	139 13 94	147	47	197	50	0,700	10



Art.Nr. 5	Art.Nr. 3		H mm		
139 21 69	139 21 64	P3300 / P4000 (41 x 21)	65	6,4	20
139 41 69	139 41 64	P1000 / P2000 (41 x 41)	85	7,6	20
139 62 69	139 62 64	P5500 (41 x 62)	108	9,0	20
139 42 69	139 42 64	P1001 / P5000 (41 x 82)	125	10,1	20
139 63 69	139 63 64	P5501 (41 x 124)	167	13,0	20

# UNISTRUT

- GB Unistrut Channel nuts & Fittings
- D Unistrut Schienenmuttern und Verbindungsteile
- F Unistrut plaques taraudées et accessoires



**GB Standard dimensions**

The dimensions shown relate to all Unistrut fittings except where noted on the part drawing. (see Fig. B)

Fitting Thickness	: 6 mm unless stated
Hole Size	: 14 mm diameter
Hole Spacing	: 20 mm from end of fitting 48 mm centre to centre
Fitting Width	: 40 mm unless otherwise stated

All dimensions subject to commercial tolerances

**Fitting Application**

All part drawings illustrate only one application of each fitting. In most cases many other applications are possible. The Unistrut members shown in the illustration are P1000, 41 mm square except where noted otherwise. All 14 mm diameter holes use 12 mm x 25 mm hex head screws quality 8.8 and 12 mm Unistrut nuts PNP12ZP depending on the Unistrut channel used. Nuts and bolts are not included with the fitting and must be ordered separately.

**Design load data**

Where applicable, design data is based on a minimum safety factor of 2,5.

Many load diagrams indicate different design loads. These loads vary with the thickness of the steel from which the Unistrut channel is formed.

**D Standard - Abmessungen**

Die in Abbildung A aufgeführten Maße gelten für alle Unistrut-Schienenverbinder + Zubehör sofern keine anderen Abmessungen gesondert in der Zeichnung des Produktes angegeben sind.

Materialstärke des Verbinders	: 6 mm - wenn nicht gesondert vermaßt
Lochgröße	: 14 mm
Lochabstände	: 20 mm vom Ende des Verbinders 48 mm Mitte Loch bis Mitte Loch
Breite des Verbinders	: 40 mm wenn nicht gesondert in Zeichnung vermaßt

Alle Angaben in Abhängigkeit von Fertigungstoleranzen

**Anwendung von Schienenverbinder und Zubehör**

Alle Zeichnungen stellen pro Artikel nur eine Anwendungsmöglichkeit dar. In den meisten Fällen sind mehrere Anwendungsfälle möglich. Das in den Zeichnungen dargestellte Unistrut Bauteil ist, wenn nicht gesondert vermaßt, immer die Schiene P1000, 41 mm x 41 mm. In den 14 mm Bohrungen werden Sechskantschrauben 12 x 25 mm, Qualität 8.8 und 12 mm Unistrut - Schienenmütern PNL12ZP oder PNP12AZP, abhängig von der verwendeten Schiene, eingesetzt.

**Auslegungsdaten**

Dort wo die Daten angegeben sind, basieren sie auf einem Sicherheitsfaktor von 2,5.

Viele Diagramme mit den zulässigen Lasten zeigen verschiedene Werte.

Die Werte variieren in Abhängigkeit von der Materialstärke des Stahls aus dem die Schiene geformt wurde.

**F Dimensions standards**

Les cotes sont indiquées comme ci-dessous, sur les tableaux correspondants ou sur les schémas. (voir B)

Epaisseur	: 6 mm sauf spécification contraire
Diamètre du trou	: 14 mm
Espacement	: 20 mm du bord extérieur 48 mm centre à centre
Largeur	: 40 mm sauf spécification contraire

Toutes ces côtes sont sujettes aux tolérances commerciales d'usage.

**Utilisation des accessoires de supportage:**

Tous les schémas illustrent seulement une application de chaque accessoire.

Dans la plupart des cas d'autres applications sont possibles.

Les rails Unistrut présentés dans les illustrations sont du type P1000, 41X41, sauf indication contraire

Dans les trous de 14mm, sont utilisés des vis tête H de 12 mm x 25 mm, qualité 8.8 et des écrous Unistrut de 12 mm PNP12ZP suivant le rail Unistrut utilisé.

Les boulons et les écrous ne sont pas livrés avec les accessoires et doivent être commandés séparément.

**Données de calculs de charges**

Dans les cas où elles sont utilisables les données de calculs sont basées sur un coefficient de sécurité minimum de 2,5 semblable à l'exemple ci-dessous;

Plusieurs diagrammes de charges indiquent différents calculs de charges.

Ces charges varient avec l'épaisseur de l'acier suivant lequel le rail Unistrut est formé

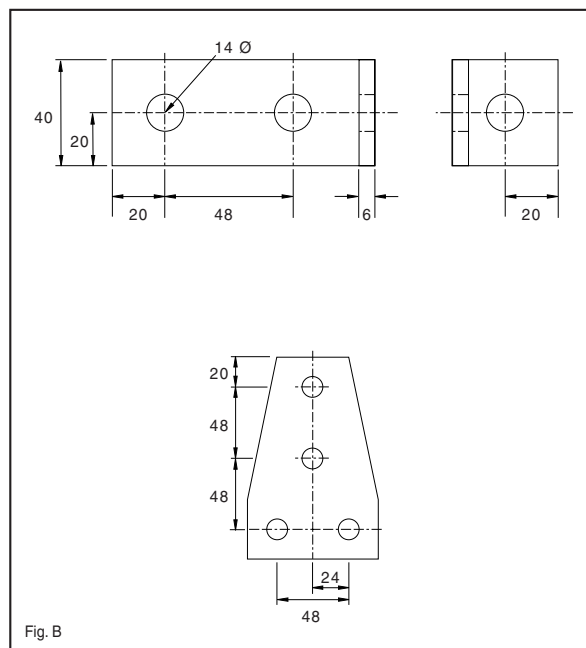
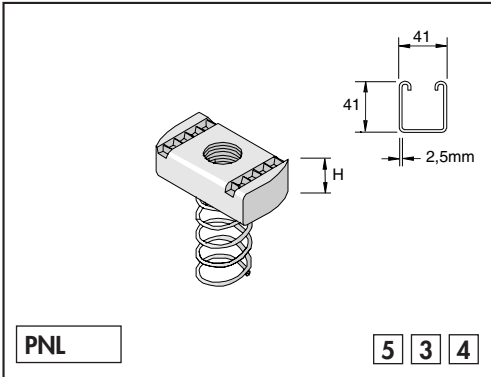


Fig. B



# UNISTRUT

- GB** Channel nuts for Unistrut channels (see page 1.004-1.014)
- D** Schienenmutter für Unistrut Schienen (siehe Seite 1.004-1.014)
- F** Plaques taraudées pour rails Unistrut (voir page 1.004-1.014)

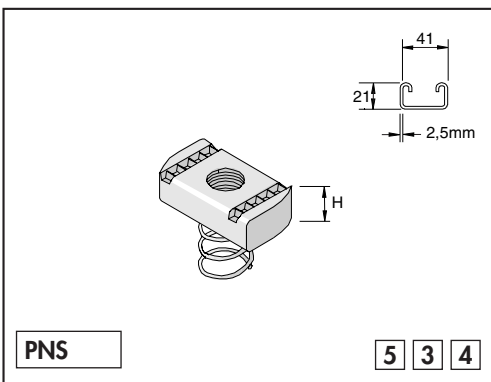


5	Art.nr.
M6	PNL06ZP
M8	PNL08ZP
M10	PNL10ZP
M12	PNL12ZP
M12	PNL12AZP

3	Art.nr.
M6	PNL06HDIN
M8	PNL08HDIN
M10	PNL10HDIN
M12	PNL12HDIN
M12	PNL12AHDIN

4	Art.nr.
M6	PNL06SS
M8	PNL08SS
M10	PNL10SS
M12	-
M12	PNL12ASS

H (mm)		⚖ /100
6,50	3,26	
8	3,53	
9	3,95	
12	4,78	
9	3,43	

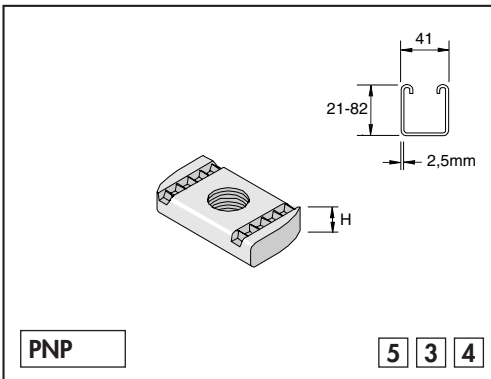


5	Art.nr.
M6	PNS06ZP
M8	PNS08ZP
M10	PNS10ZP
M12	PNS12AZP

3	Art.nr.
M6	PNS06HDIN
M8	PNS08HDIN
M10	PNS10HDIN
M12	PNS12AHDIN

4	Art.nr.
M6	PNS06SS
M8	PNS08SS
M10	PNS10SS
M12	PNS12ASS

H (mm)		⚖ /100
6,50	6,5	
8	8	
9	9	
9	9	

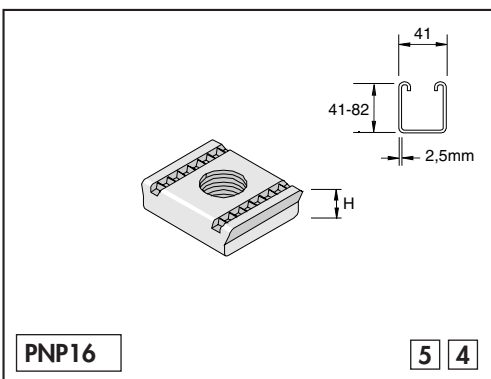


5	Art.nr.
M6	PNP06ZP
M8	PNP08ZP
M10	PNP10ZP
M12	PNP12ZP*
M12	PNP12AZP

3	Art.nr.
M6	PNP06HDIN
M8	PNP08HDIN
M10	PNP10HDIN
M12	PNP12HDIN*
M12	PNP12AHDIN

4	Art.nr.
M6	PNP06SS
M8	PNP08SS
M10	PNP10SS
M12	-
M12	PNP12ASS

H (mm)		⚖ /100
6,50	3,10	
8	3,40	
9	3,80	
12	4,68	
9	3,43	



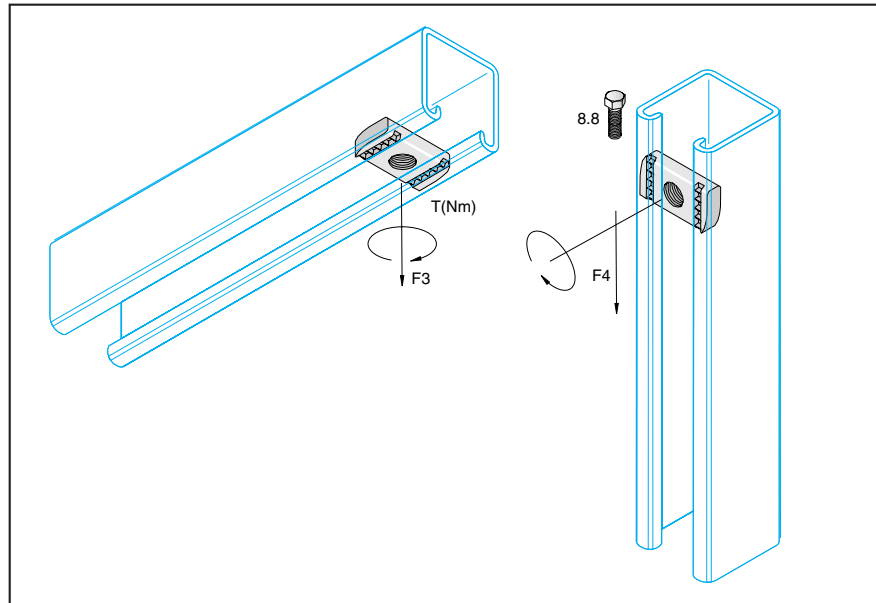
5	Art.nr.
M16	PNP16ZP*





4	Art.nr.
M16	PNP16SS*



H (mm)		⚖ /100
12	8,00	

\* Not suitable for Unistrut channels P3300 & P4000, P3370  
 \* Nicht für Unistrut Schienen P3300 & P4000, P3370  
 \* Ne pas utiliser avec rails Unistrut P3300 & P4000, P3370

Channel nut performance in Unistrut channel **GB**  
 Lastwerte für Schienenmutter in Unistrut -Schienen **D**  
 Résistance de la plaque taraudée dans les rails Unistrut **F**



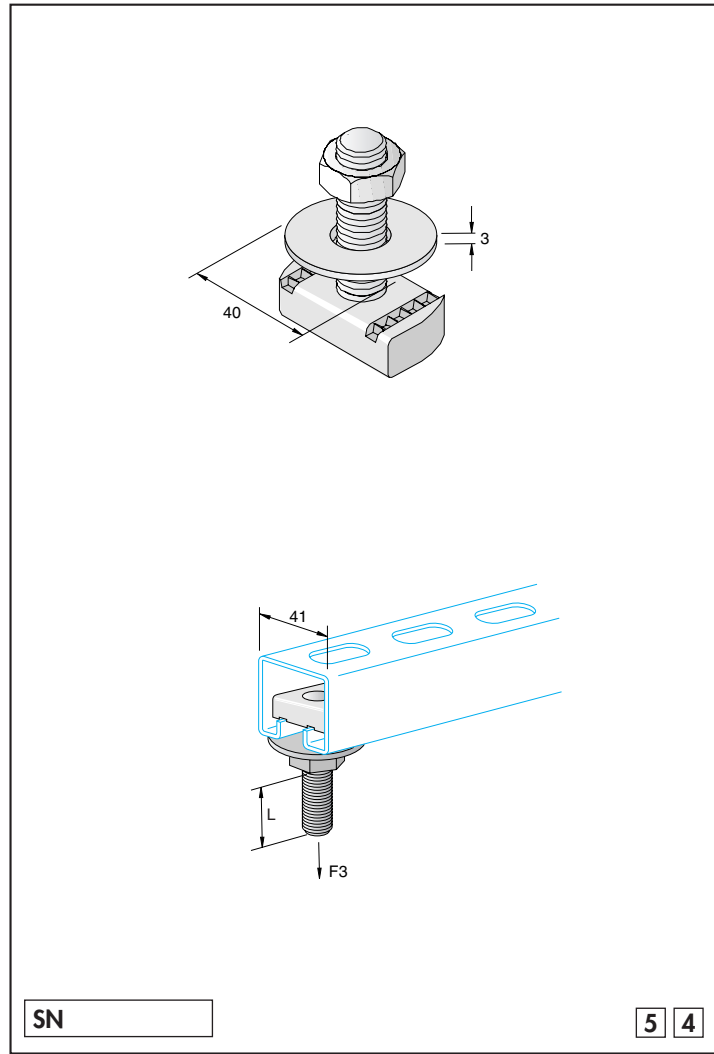
	Art. nr. [5]	T (Nm)	F3 kN	F4 kN
 P1000V 41 [2]	PNP06ZP	12	4.70	0.49
	PNP08ZP	28	5.78	1.56
	PNP10ZP	55	6.86	1.86
	PNP12ZP	95	8.82	5.88
	PNP16ZP	125	10.30	7.35
	M16SN*	95	8.82	
 P3300V 21 41 [2]	PNP06ZP	12	4.70	0.49
	PNP08ZP	28	5.78	1.56
	PNP10ZP	55	6.86	1.86
	PNP12AZ	60	6.86	2.64
M16SN*	95	8.82		
 P2000 41 [2]	PNP06ZP	12	3.33	0.49
	PNP08ZP	28	3.53	1.56
	PNP10ZP	40	3.92	1.66
	PNP12ZP	40	4.41	3.13
	PNP16ZP	55	4.90	3.33
	M16SN*	40	3.92	
 P4000 21 41 [2]	PNP06ZP	12	3.33	0.49
	PNP08ZP	28	3.53	1.56
	PNP10ZP	40	3.92	1.66
	PNP12AZP	40	4.41	1.96
	M16SN*	40	3.92	0.00

	Art. nr. [4]	T (Nm.)	F3 kN	F4 kN
 P1000V 41 [4]	PNP06SS	6,5	2.45	0.19
	PNP08SS	16	4.41	0.49
	PNP10SS	31,5	6.86	1.17
	PNP12ASS	55	6.86	1.66
	PNP16SS	125	10.30	3.92
 P3300V 21 41 [4]	PNP06SS	6,5	2.45	0.19
	PNP08SS	16	4.41	0.49
	PNP10SS	31,5	6.86	1.17
	PNP12ASS	55	6.86	1.66

\*M16SN Hot forged (P. 1.038)  
 Warm geschmiedet (P. 1.038)  
 Laminé à chaud (P. 1.038)

# UNISTRUT

- GB** Unistrut stud nuts
- D** Hammerkopfschraube für Unistrut Schienen
- F** Boulon à tête marteau Unistrut



Art.-Nr.	L	
M6 x 30SN	18,5 mm	50

Art.-Nr.	Art.-Nr.	L	
M8 x 30SN		15,5 mm	50
M8 x 40SN	M8 x 40SNSS	25,5 mm	50
M8 x 50SN		35,5 mm	50
M8 x 60SN		45,5 mm	50
M8 x 75SN		60,5 mm	50
M8 x 100SN		85,5 mm	50

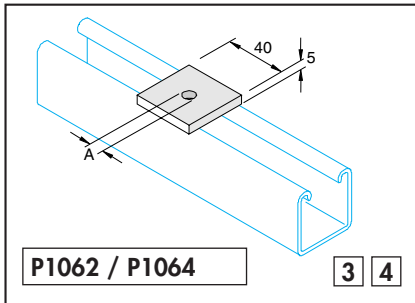
Art.-Nr.	Art.-Nr.	L	
M10 x 30SN		13 mm	50
M10 x 40SN	M10 x 40SNSS	23 mm	50
M10 x 50SN		33 mm	50
M10 x 60SN		43 mm	50
M10 x 75SN		58 mm	50
M10 x 100SN		83 mm	50

Art.-Nr.	Art.-Nr.	L	
M12 x 30SN		11 mm	50
M12 x 40SN	M12 x 40SNSS	21 mm	50
M12 x 50SN		31 mm	50
M12 x 60SN		41 mm	50
M12 x 75SN		56 mm	50
M12 x 100SN		81 mm	50

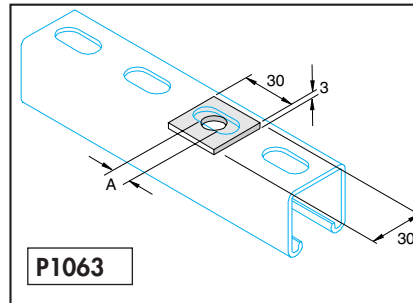
Art.-Nr.	L	
M16 x 63SN*	40 mm	50
M16 x 102SN*	79 mm	50

\* Hot forged  
 \* Heiß geschmiedet  
 \* Laminé à chaud

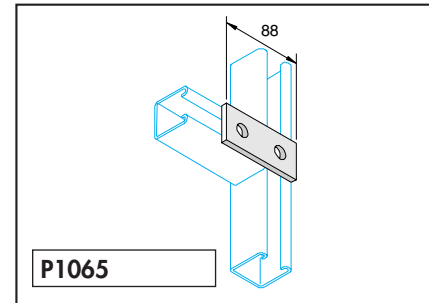
	Art. nr.	F3
 41  41  41  41  41	M6 x .. SN	4.70
	M8 x .. SN	5.78
	M10 x .. SN	6.86
	M12 x .. SN	8.82
	M16 x .. SN*	8.82
 21  41  21  41  21  41	M6 x .. SN	4.70
	M8 x .. SN	5.78
	M10 x .. SN	6.86
	M12 x .. SN	6.86
	M16 x .. SN*	8.82
 41  41  41  41  41	M6 x .. SN	3.33
	M8 x .. SN	3.53
	M10 x .. SN	3.92
	M12 x .. SN	4.41
	M16 x .. SN*	3.92
 21  41  21  41  21  41	M6 x .. SN	3.33
	M8 x .. SN	3.53
	M10 x .. SN	3.92
	M12 x .. SN	4.41
	M16 x .. SN*	3.92



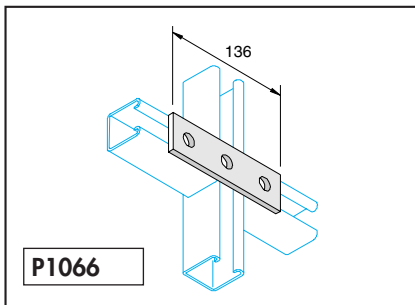
<span style="border: 1px solid black; padding: 2px;">3</span>	<span style="border: 1px solid black; padding: 2px;">4</span>	A (mm)			
P1062	P1062SS	8	M6	0,072	100
P1062A	P1062ASS	10	M8	0,071	100
P1063	P1063SS	12	M10	0,070	100
P1064	P1064SS	14	M12	0,068	100



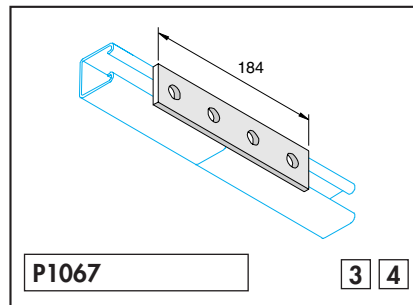
<span style="border: 1px solid black; padding: 2px;">5</span>	<span style="border: 1px solid black; padding: 2px;">4</span>	A (mm)			
P1063/06	P1063/06SS	8	M6	0,072	100
P1063/08	P1063/08SS	10	M8	0,071	100
P1063/10	P1063/10SS	12	M10	0,070	100
P1063/12	P1063/12SS	14	M12	0,068	100



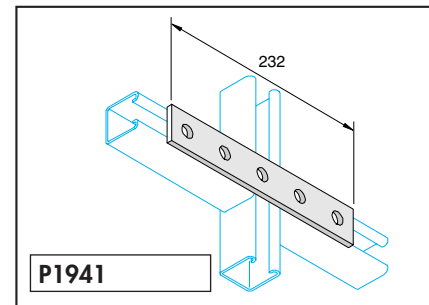
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P1065	P1065SS	0,160	50



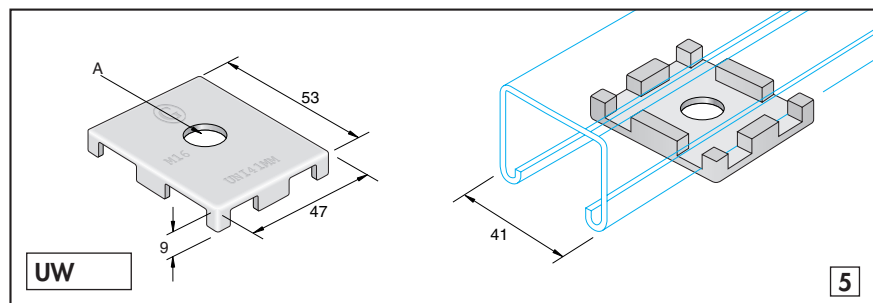
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P1066	P1066SS	0,240	25



<span style="border: 1px solid black; padding: 2px;">3</span>	<span style="border: 1px solid black; padding: 2px;">4</span>		
P1067	P1067SS	0,311	25



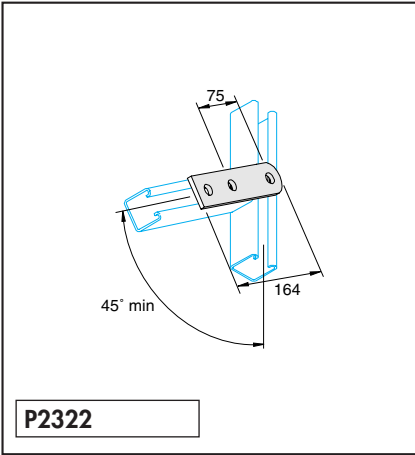
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P1941	P1941SS	0,400	25



Art.nr.	A		
UW08	Ø 9	0,110	100
UW10	Ø 11	0,110	100
UW12	Ø 13	0,110	100
UW16	Ø 17	0,110	100

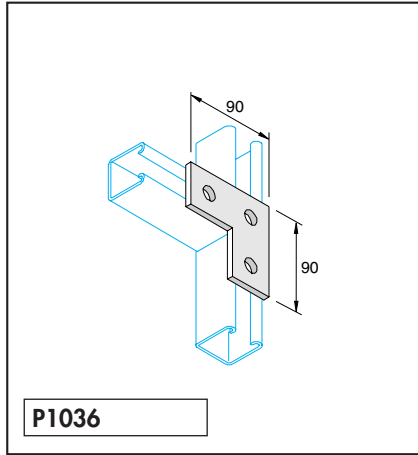
# UNISTRUT

- GB** Flat fittings
- D** Verbindungsplatten
- F** Pièces de raccordements



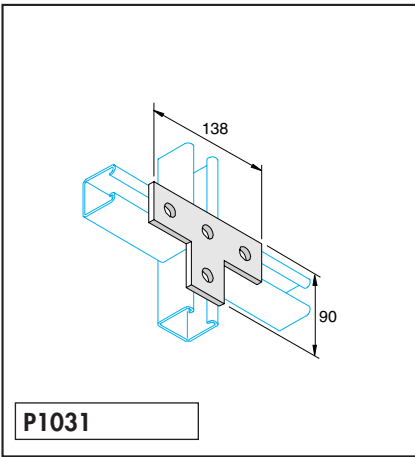
**P2322**

P2322	0,305	25



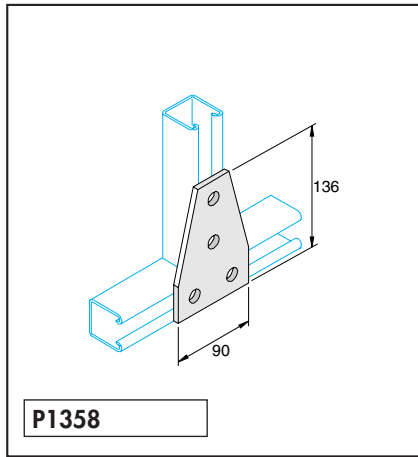
**P1036**

P1036	P1036SS	0,250	25



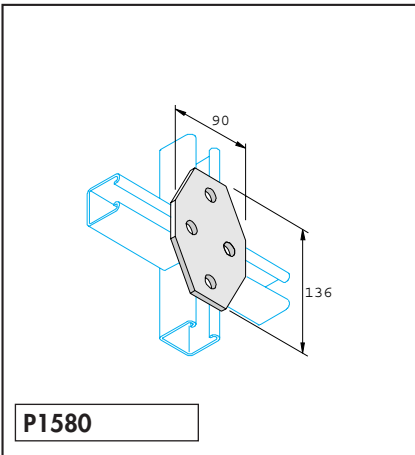
**P1031**

P1031	P1031SS	0,3040	25



**P1358**

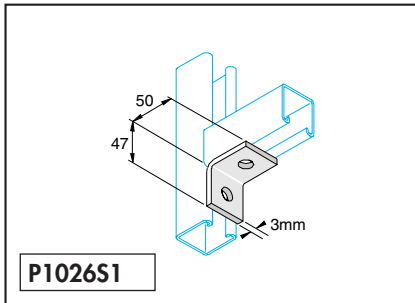
P1358	P1358SS	0,450	10



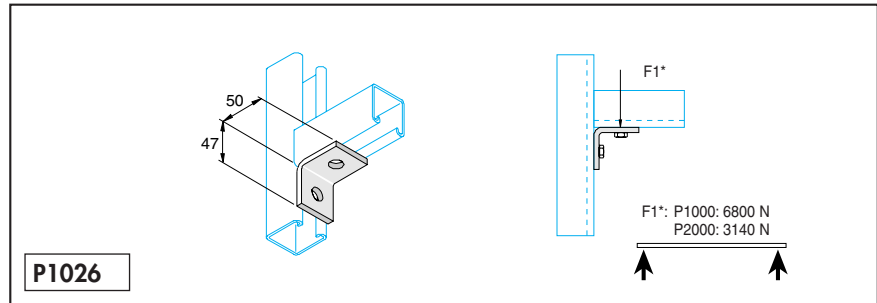
**P1580**

P1580	P1580SS	0,470	10

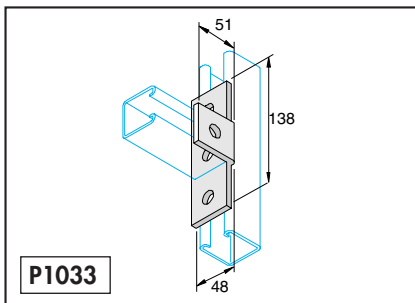
Angle fittings 90° **GB**  
 Winkerverbinder 90° **D**  
 Pièces de raccords 90° **F**



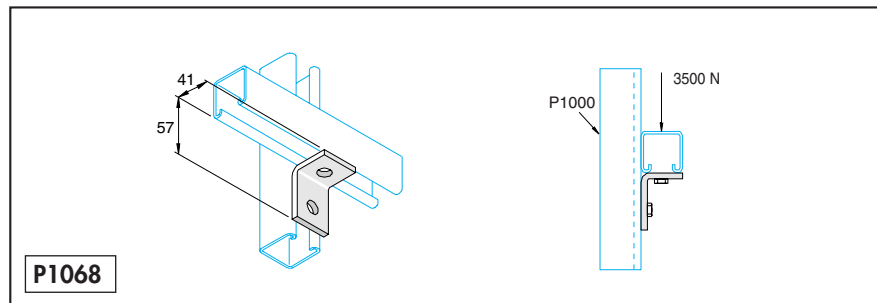
5		
P1026-S1	0,071	100



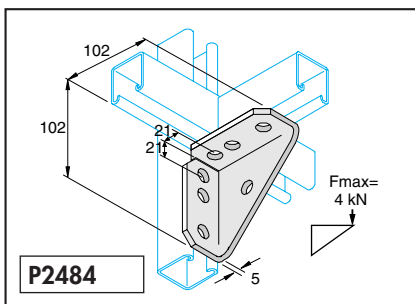
3	4		
P1026	P1026SS	0,150	50



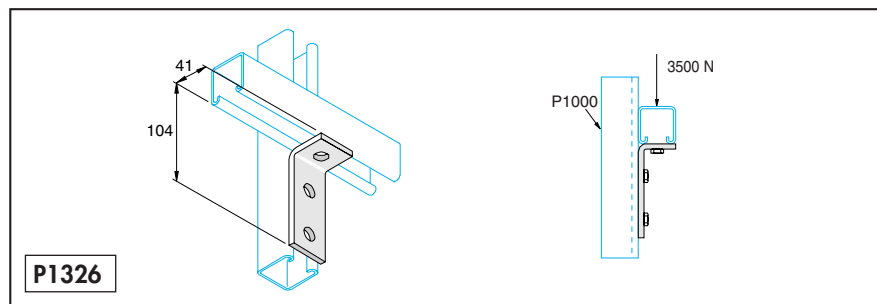
3	4		
P1033	P1033SS	0,340	25



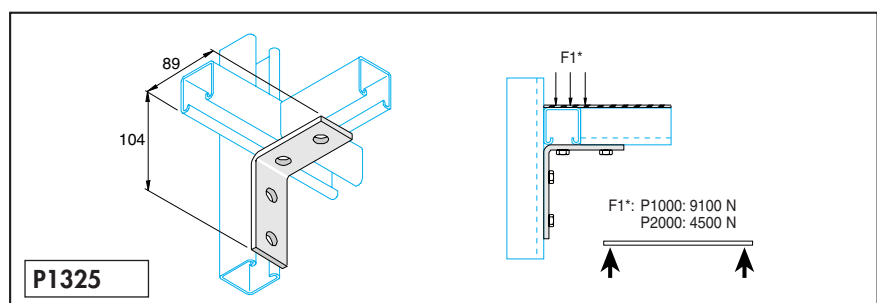
3	4		
P1068	P1068SS	0,150	50



3	4		
P2484	P2484SS	0,560	10



3	4		
P1326	P1326SS	0,240	25



3	4		
P1325	P1325SS	0,311	25

# UNISTRUT

- GB** Angle fittings 90°
- D** Winkelverbinder 90°
- F** Pièces de raccordements 90°

**P1346**

3	4	🔒	📦
P1346	P1346SS	0,240	25

**P1037**

3	4	🔒	📦
P1037	P1037SS	0,250	25

**P1458**

F1\*:  
P1000: 6800 N  
P2000: 3140 N

3	4	🔒	📦
P1458	P1458SS	0,240	25

**P1038**

3	🔒	📦
P1038	0,250	25

**P1278**

3	4	🔒	📦
P1278	P1278SS	0,311	25

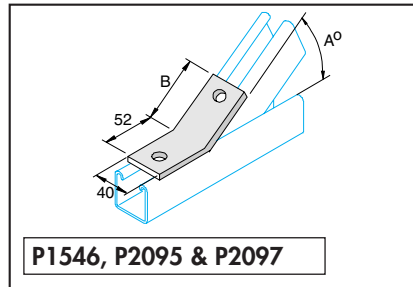
**P1359**

3	4	🔒	📦
P1359	P1359SS	0,450	10

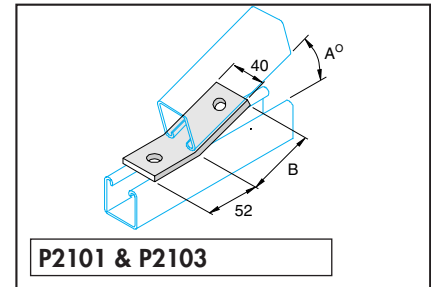
**P1727**

3	4	🔒	📦
P1727	P1727SS	0,650	10

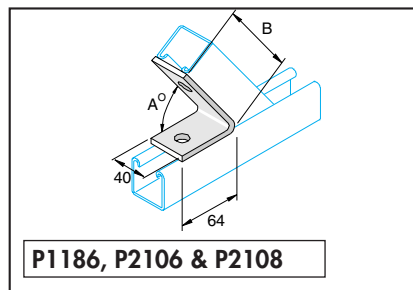
Angle fittings **GB**  
 Winkerverbinder divers **D**  
 Angles d'assemblages **F**



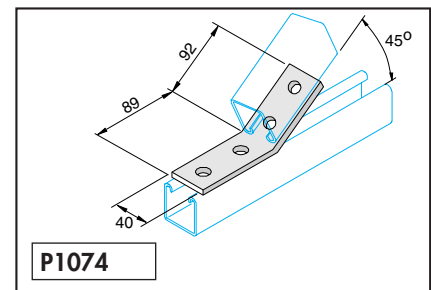
③	④	A°	B (mm)	⚖️	📦
P1546	P1546SS	45°	82	0,252	25
P2097		60°	81	0,246	25
P2095		75°	80	0,246	25



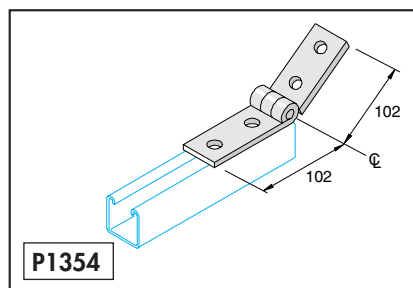
③	A°	B (mm)	⚖️	📦
P2101	30°	82,5	0,246	25
P2103	15°	84	0,246	25



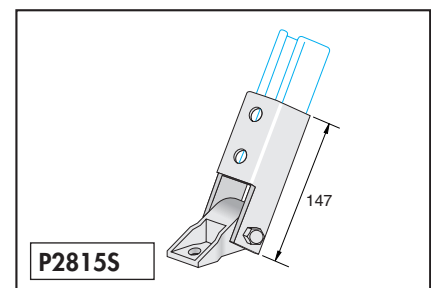
③	④	A°	B (mm)	⚖️	📦
P1186	P1186SS	45°	77	0,246	25
P2108		60°	79	0,246	25
P2106	P2106SS	75°	81	0,246	25



③	④	⚖️	📦
P1074	P1074SS	0,311	25



⑤	⚖️	📦
P1354	0,452	10

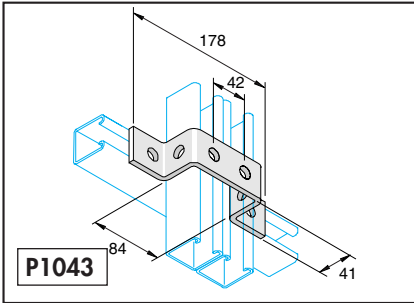


⑤	⚖️	📦
P2815S	0,2	10

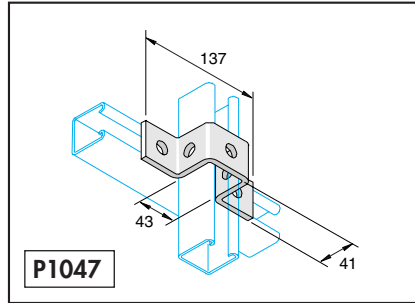


# UNISTRUT

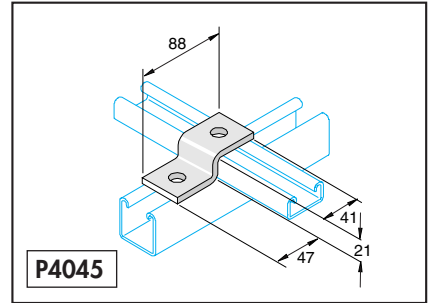
- GB** U and Z fittings & channel couplers
- D** Schienen-Klemverbinder und Längverbinder
- F** Angles d'assemblages et ellisses



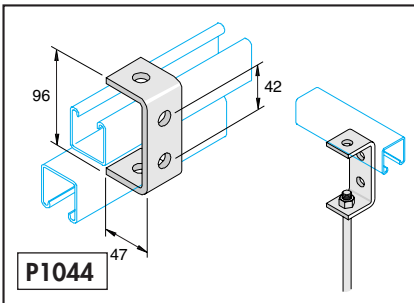
3	4	🔒	📦
P1043	P1043SS	0,430	10



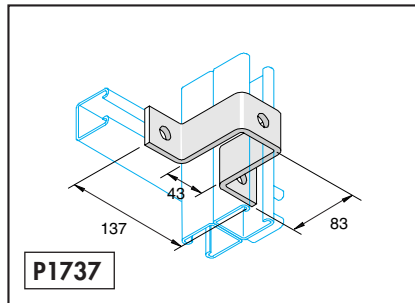
3	4	🔒	📦
P1047	P1047SS	0,340	25



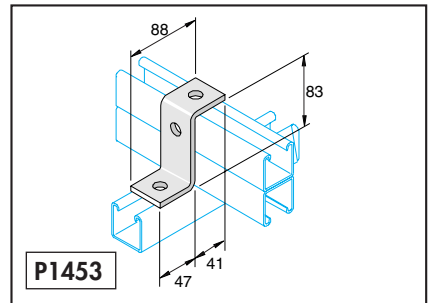
3	4	🔒	📦
P4045	P4045SS	0,186	50



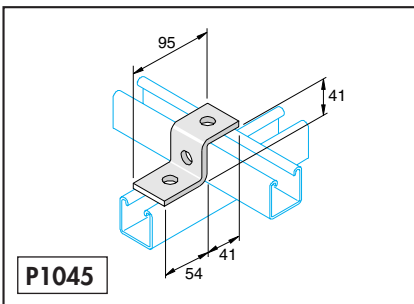
3	4	🔒	📦
P1044	P1044SS	0,230	25



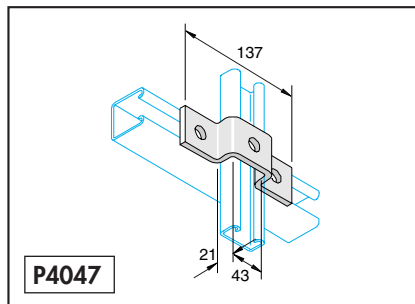
3	4	🔒	📦
P1737	P1737SS	0,547	10



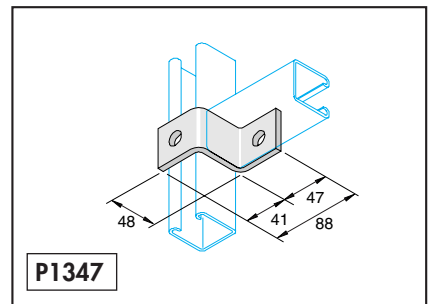
3	4	🔒	📦
P1453	P1453SS	0,312	25



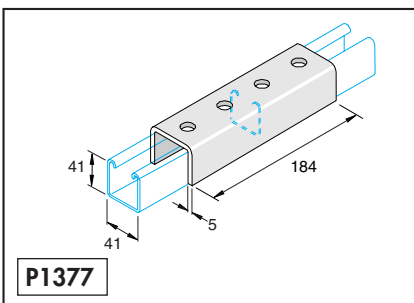
3	4	🔒	📦
P1045	P1045SS	0,216	25



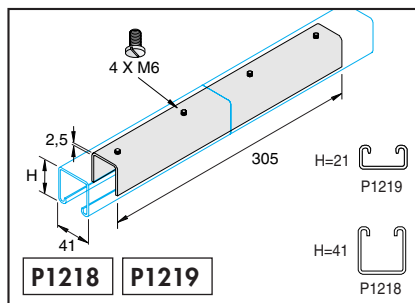
3	4	🔒	📦
P4047	P4047SS	0,292	25



3	4	🔒	📦
P1347	P1347SS	0,235	25



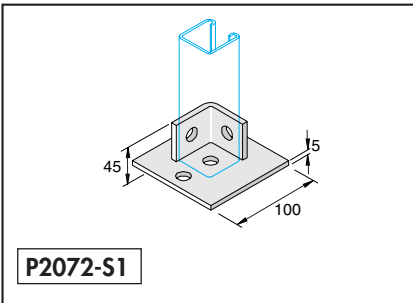
3	4	🔒	📦
P1377	P1377SS	0,939	10



5	4	🔒	📦
P1219	P1219SS	0,300	10
P1218	P1218SS	0,519	10

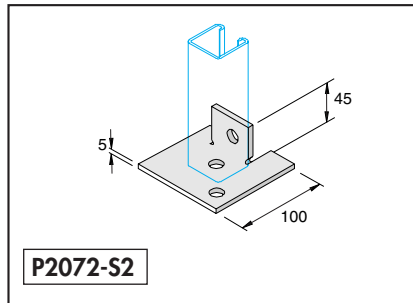
# UNISTRUT

Channel base fittings & wing fittings **GB**  
 Schienenfuß & Kreuzverbindungswinkel **D**  
 Embases & pièces de raccordement **F**



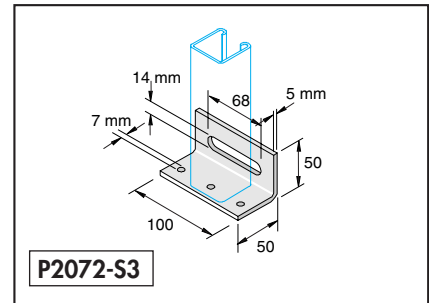
**P2072-S1**

3	4	🔒	📦
P2072-S1	P2072S1SS	0,575	10



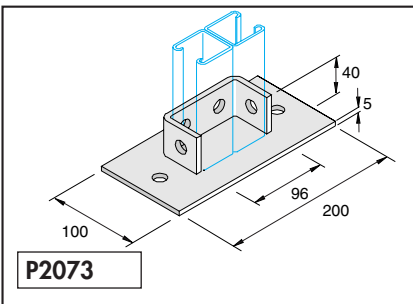
**P2072-S2**

3	4	🔒	📦
P2072-S2	P2072S2SS	0,393	25



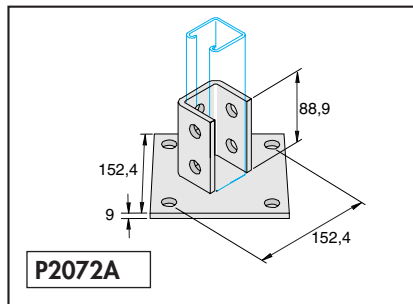
**P2072-S3**

3	🔒	📦
P2072-S3	0,314	25



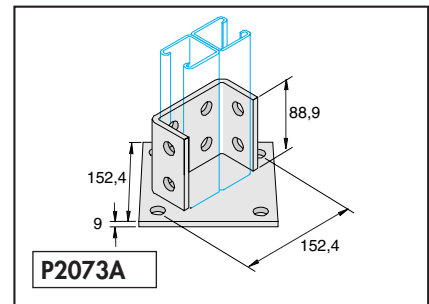
**P2073**

3	4	🔒	📦
P2073	P2073SS	1,093	6



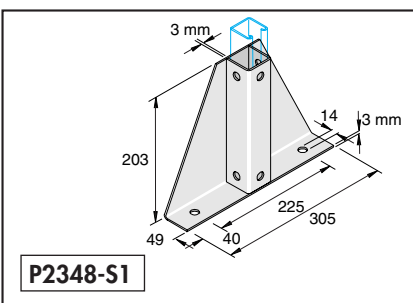
**P2072A**

3	4	🔒	📦
P2072A	P2072ASS	0,169	1



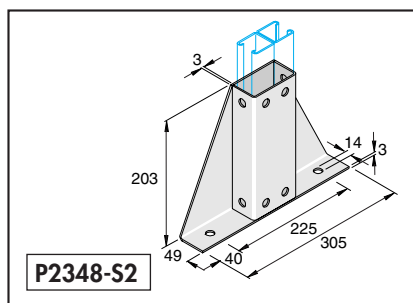
**P2073A**

3	4	🔒	📦
P2073A	P2073ASS	0,185	1



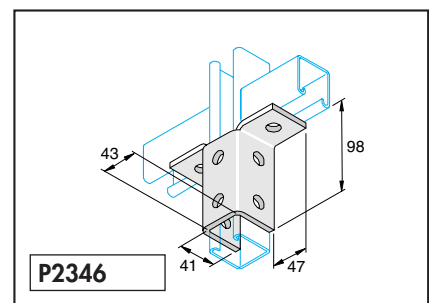
**P2348-S1**

3	4	🔒	📦
P2348-S1	P2348S1SS	2,209	1



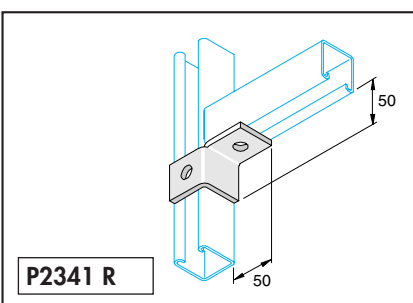
**P2348-S2**

3	4	🔒	📦
P2348-S2	P2348S2SS	2,438	1



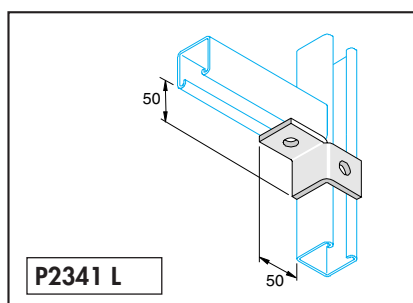
**P2346**

3	4	🔒	📦
P2346	P2346SS	0,662	10



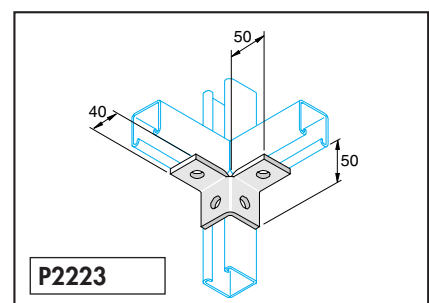
**P2341 R**

3	4	🔒	📦
P2341R	P2341RSS	0,240	25



**P2341 L**

3	4	🔒	📦
P2341L	P2341LSS	0,240	25

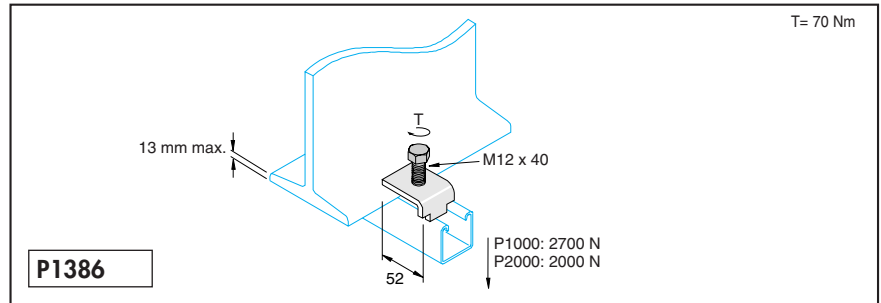


**P2223**

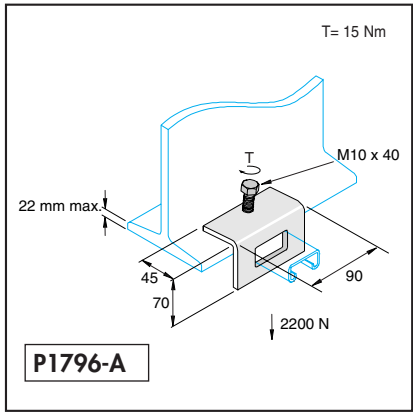
3	4	🔒	📦
P2223	P2223SS	0,317	25

# UNISTRUT

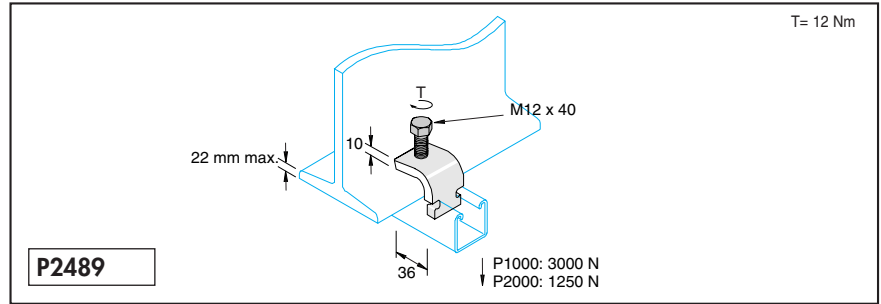
- GB** Beam clamps
- D** Schienen-Klemmbefestigung/Stahlträger
- F** Crapeuds



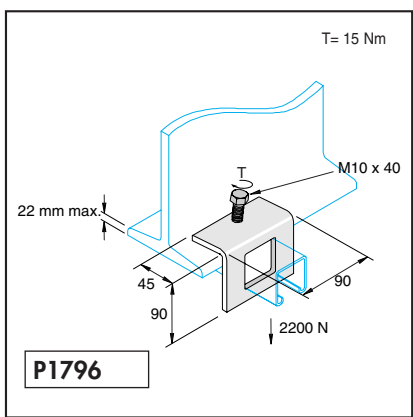
3	4	🔒	📦
P1386	P1386SS	0,042	50



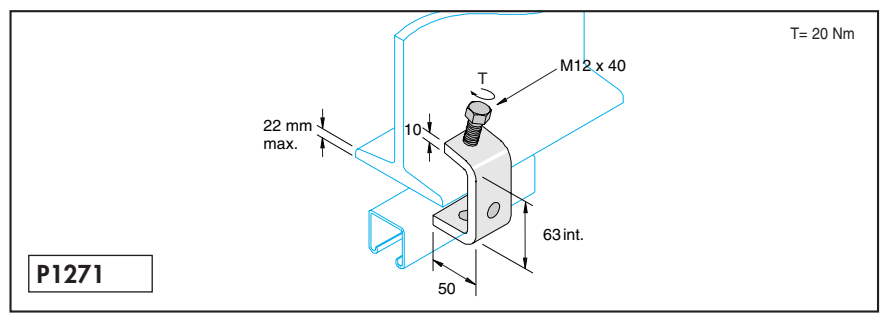
3	4	🔒	📦
P1796-A	P1796-ASS	0,390	10



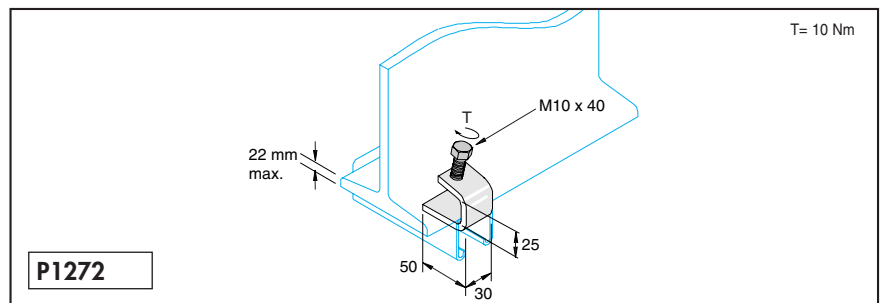
3	🔒	📦
P2489	0,220	25



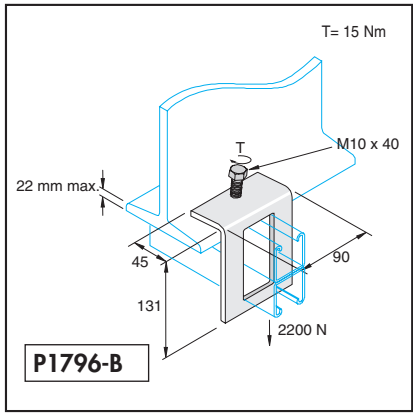
3	4	🔒	📦
P1796	P1796SS	0,430	10



3	4	🔒	📦
P1271	P1271SS	0,477	10



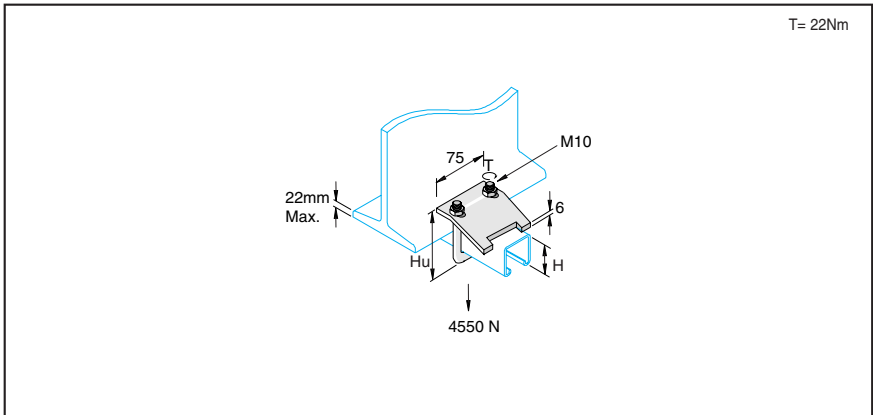
3	4	🔒	📦
P1272	P1272SS	0,137	50



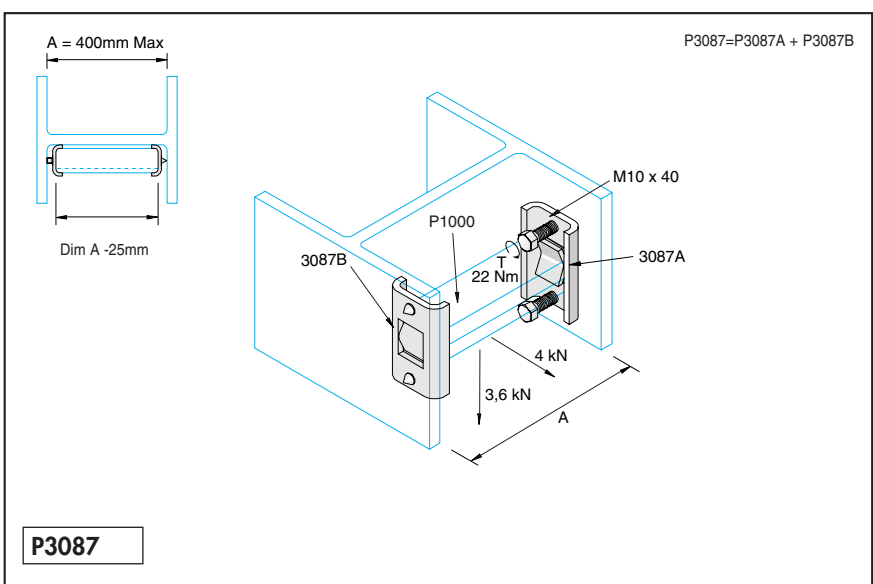
3	4	🔒	📦
P1796-B	P1796-BSS	0,430	10

# UNISTRUT

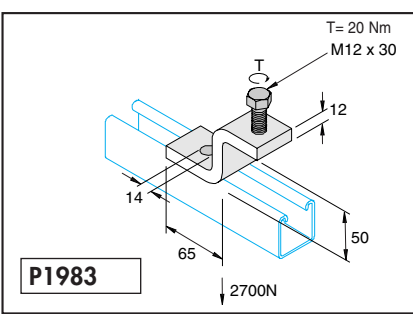
Beam clamps **GB**  
 Schienen-Klemmbefestigung/Stahlträger **D**  
 Crapeuds **F**



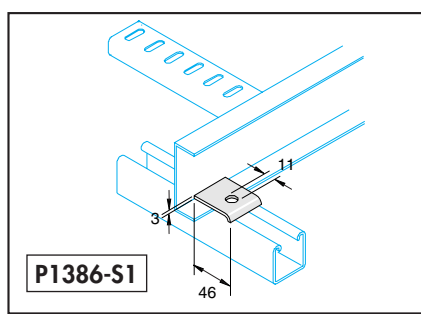
[5]	[4]	H mm	Hu mm	🔒	📦
P2785	P2785SS	21 - 41	86	0,36	25
P2786	P2786SS	62 - 83	127	0,40	10
P2787	P2787SS	124	171	0,45	10
P2788	P2788SS	164	209	0,49	10



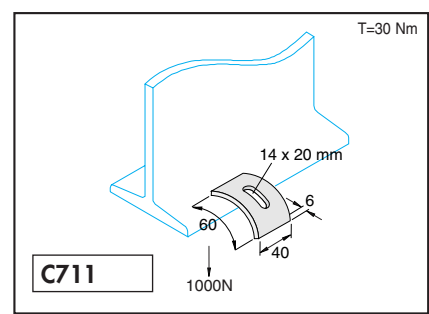
[3]	[4]	🔒	📦
P3087	P3087SS	0,670	10



[3]	[4]	🔒	📦
P1983	P1983SS	0,508	10



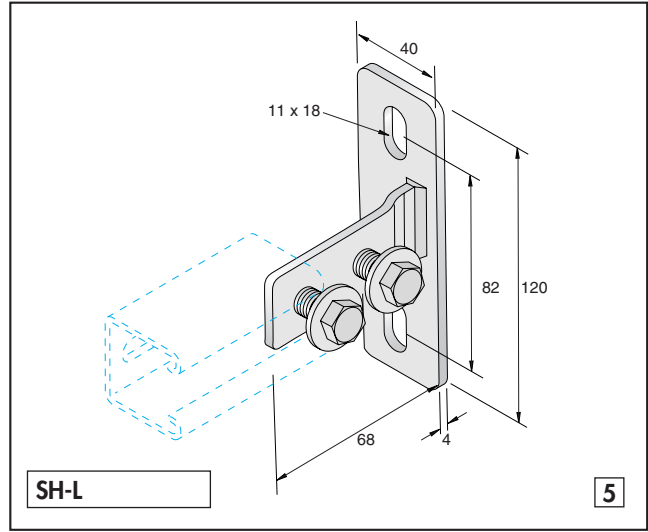
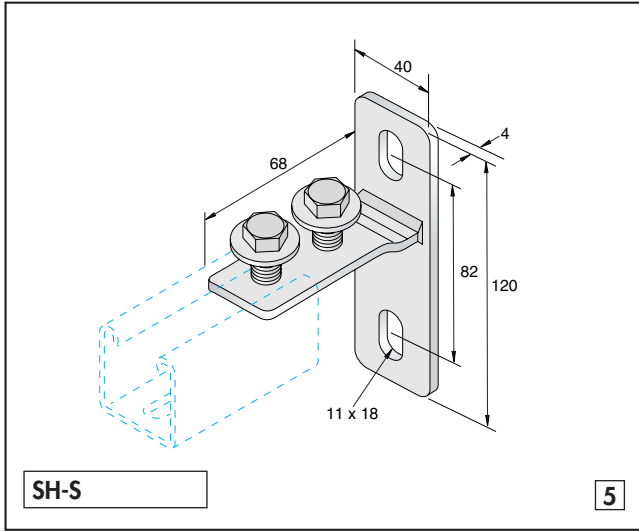
[5]	🔒	📦
P1386-S1	0,042	100



[3]	[4]	🔒	📦
C711	C711SS	0,112	50

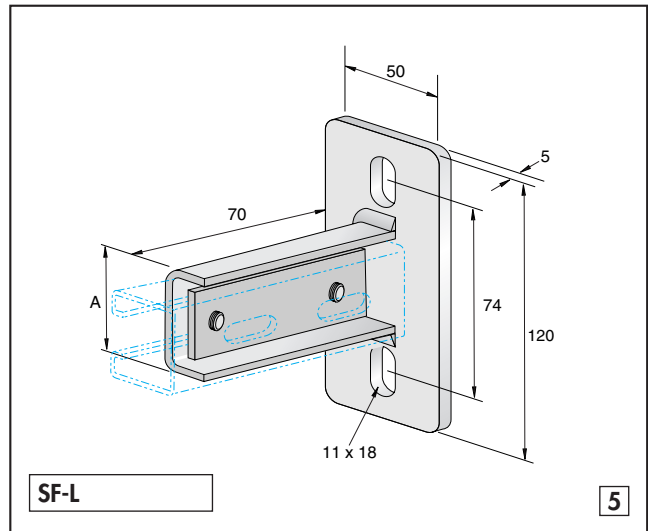
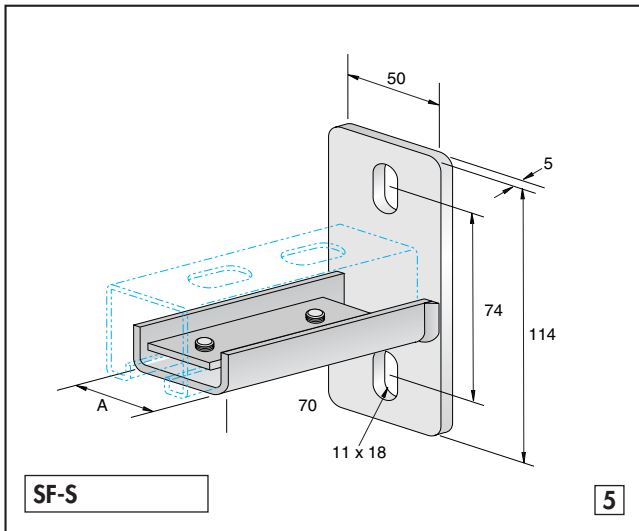
# UNISTRUT

- GB** Channel foot bracket
- D** Schienen - Einschub und Auflageverbinder
- F** Pieds de rails



Art.nr.		
3910131	0,250	10

Art.nr.		
3910130	0,250	10



Art.nr.	A mm		
3910073	41	0,600	10

Art.nr.	A mm	B mm		
3910074	41	70	0,600	10

# UNISTRUT

Channel trolley assemblies **GB**  
 Schienenjustierbügel / Schienen - Rollenlager **D**  
 Supports à roulettes pour Rails Unistrut **F**

**P2750/1** **0,068** **kg**

Nylon- White  
Weiss  
Blanc

**P2749** **0,023** **kg** **5**

RPM	kN
600	0,7
300	1,0
100	1,9

**P2949** **0,200** **kg** **5**

RPM	F kN
600	1,3
300	2,0
100	2,7

**P2950** **0,490** **kg** **5**

**P1834** **0,463** **kg** **3**

**P1834A** **0,998** **kg** **3**

# UNISTRUT

- GB** Cantilever arms
- D** Schienenkonsolen
- F** Consoles

**P2663** 3 4

Art.nr.	P	⚙️	L (mm)				
P2663/150	3	0,80	160		6,20 kN	3,10 kN	3,10 kN
2663/150SS	4	0,80	160				2,06 kN
P2663/300	3	1,17	310		3,20 kN	1,60 kN	1,60 kN
2663/300SS	4	1,17	310				1,06 kN
P2663/450	3	1,59	460		2,15 kN	1,07 kN	1,07 kN
2663/450SS	4	1,59	460				0,71 kN
P2663/600	3	2,03	610		1,62 kN	0,81 kN	0,81 kN
2663/600SS	4	2,03	610				0,54 kN
P2663/750	3	2,53	760		1,30 kN	0,65 kN	0,65 kN
2663/750SS	4	2,53	760				0,43 kN

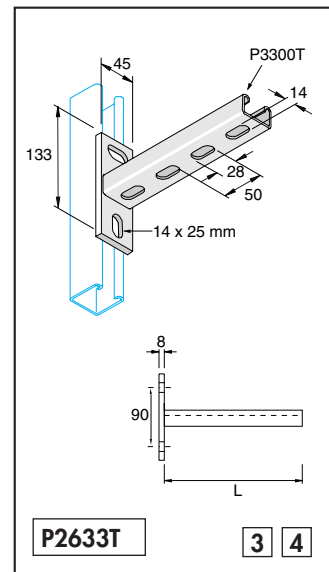
**P2663T** 3 4

Art.nr.	P	⚙️	L (mm)				
P2663T150	3	0,96	175		6,12 kN	3,06 kN	3,06 kN
P2663T150S	5	0,96	175				2,04 kN
P2663T150S	4	0,96	175				
P2663T300	3	1,30	325		3,06 kN	1,53 kN	1,53 kN
P2663T300S	5	1,30	325				1,02 kN
P2663T300S	4	1,30	325				
P2663T450	3	1,74	475		2,04 kN	1,02 kN	1,02 kN
P2663T450S	5	1,74	475				0,68 kN
P2663T450S	4	1,74	475				
P2663T600	3	2,06	625		1,53 kN	0,76 kN	0,76 kN
P2663T600S	5	2,06	625				0,50 kN
P2663T600S	4	2,06	625				
P2663T750	3	2,30	775		1,22 kN	0,61 kN	0,61 kN
P2663T750S	5	2,30	775				0,40 kN
P2663T750S	4	2,30	775				

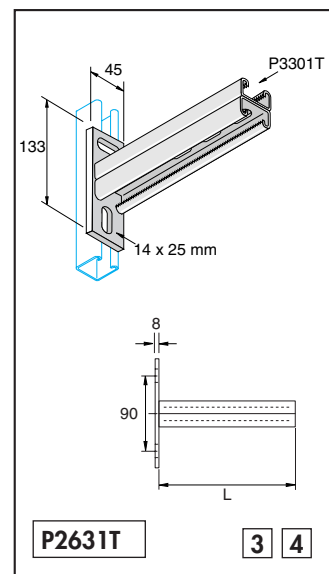
**P2668** 3 4

Art.nr.	P	⚙️	L (mm)				
P2668/150	3	0,80	160		6,20 kN	3,10 kN	3,10 kN
P2668/150S	4	0,80	160				2,06 kN
P2668/300	3	1,17	310		3,20 kN	1,60 kN	1,60 kN
P2668/300S	4	1,17	310				1,06 kN
P2668/450	3	1,59	460		2,15 kN	1,07 kN	1,07 kN
P2668/450S	4	1,59	460				0,71 kN
P2668/600	3	2,03	610		1,62 kN	0,81 kN	0,81 kN
P2668/600S	4	2,03	610				0,54 kN

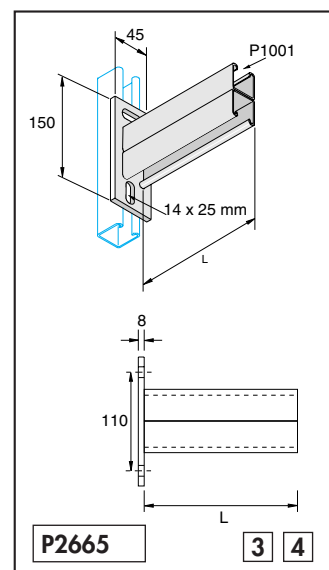
Art.nr.	P	n	L (mm)	Load diagrams			
				$F_1$	$F_2$	$F_3$	$F_4$
P2633T150	3	0.76	175				
P2633T150S	5	0.76	175	1.94 kN	0.97 kN	0.97 kN	0.64 kN
P2633T150S	4	0.76	175				
P2633T300	3	1.03	325				
P2633T300S	5	1.03	325	1.00 kN	0.50 kN	0.50 kN	0.33 kN
P2633T300S	4	1.03	325				
P2633T450	3	1.29	475				
P2633T450S	5	1.29	475	0.67 kN	0.33 kN	0.33 kN	0.22 kN
P2633T450S	4	1.29	475				



Art.nr.	P	n	L (mm)	Load diagrams			
				$F_1$	$F_2$	$F_3$	$F_4$
P2631T150	3	11.03	175				
P2631T150S	4	1.03	175	5.95 kN	2.97 kN	2.97 kN	1.98 kN
P2631T300	3	1.56	325				
P2631T300S	4	1.56	325	3.07 kN	1.53 kN	1.53 kN	1.02 kN
P2631T450	3	2.08	475				
P2631T450S	4	2.08	475	2.06 kN	1.03 kN	1.03 kN	0.68 kN
P2631T600	3	2.61	625				
P2631T600S	4	2.61	625	1.56 kN	0.78 kN	0.78 kN	0.52 kN
P2631T750	3	3.14	775				
P2631T750S	4	3.14	775	1.25 kN	0.62 kN	0.62 kN	0.41 kN



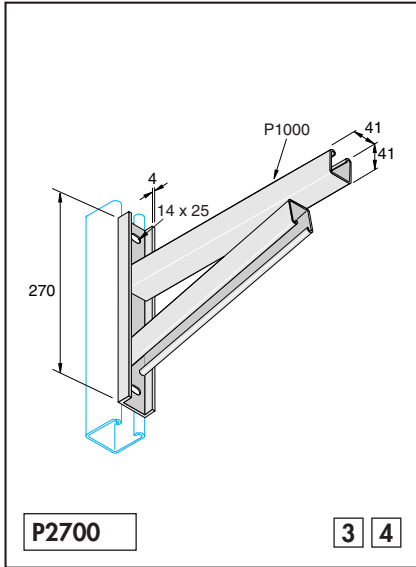
Art.nr.	P	n	L (mm)	Load diagrams			
				$F_1$	$F_2$	$F_3$	$F_4$
P2665/150	3	1.57	160				
P2665/150S	4	1.57	160	8,82 kN	4,41 kN	4,41 kN	2,94 kN
P2665/300	3	3,26	310				
P2665/300S	4	3,26	310	6,47 kN	3,23 kN	3,23 kN	2,15 kN
P2665/450	3	4,02	460				
P2665/450S	4	4,02	460	4,31 kN	2,15 kN	2,15 kN	1,43 kN
P2665/600	3	4,98	610				
P2665/600S	4	4,98	610	3,23 kN	1,61 kN	1,61 kN	1,07 kN
P2665/750	3	5,83	760				
P2665/750S	4	5,83	760	2,58 kN	1,29 kN	1,29 kN	0,86 kN



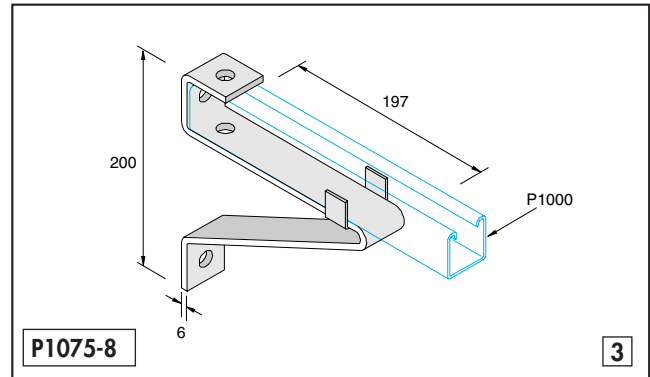


# UNISTRUT

- GB** Cantilever arms
- D** Schienenkonsolen
- F** Consoles



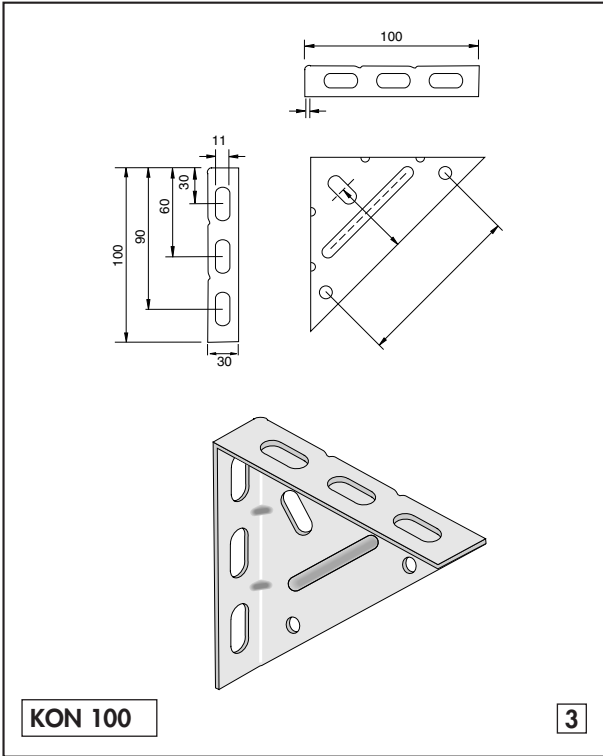
Art. Nr.	P	⚠	L (mm)				
P2700/300	3	2,49	300	4,90 kN	3,24 kN	-	-
P2700/300S	4	2,49	300				
P2700/450	3	3,40	450	3,63 kN	2,17 kN	1,81 kN	-
P2700/450S	4	3,40	450				
P2700/600	3	4,49	600	2,72 kN	1,55 kN	1,20 kN	1,08 kN
P2700/600S	4	4,49	600				

Angle fittings **GB**Schienen-Auflagekonsole **D**Anglers d'assemblages **F**

Art.nr.	P	L (P1000) mm	Load diagrams			
			$\frac{1}{2}L$	$\frac{1}{3}L$	$\frac{1}{4}L$	$\frac{1}{4}L$
P1075-8	3	450	2,22 kN	1,11 kN	1,11 kN	0,74 kN
		600	1,67 kN	0,83 kN	0,83 kN	0,56 kN

# UNISTRUT

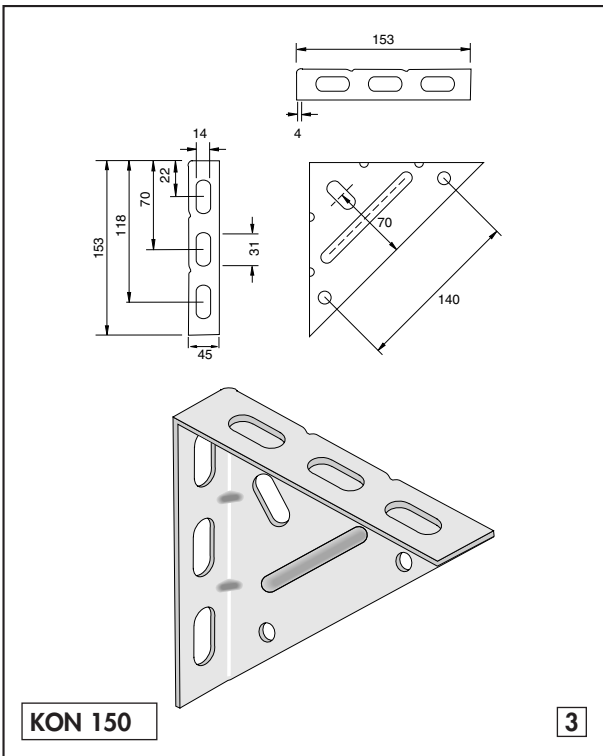
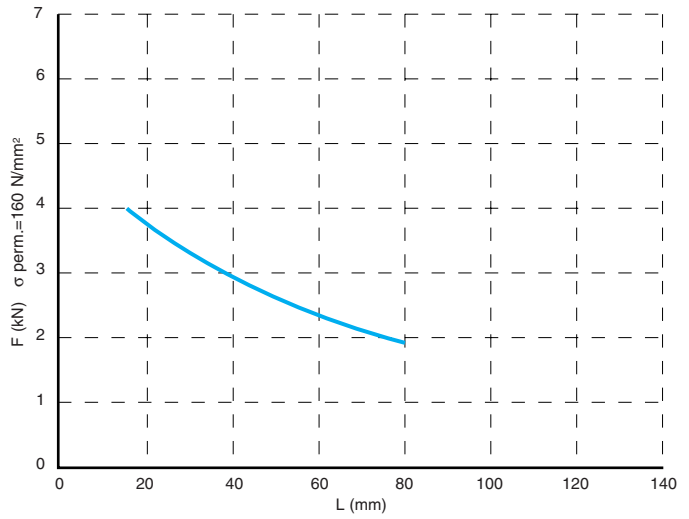
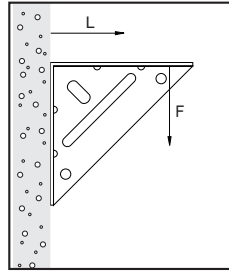
- GB** Angle brackets
- D** Winkel- und Auflagekonsolen
- F** Equerres triangulaires



**KON 100**

**3**

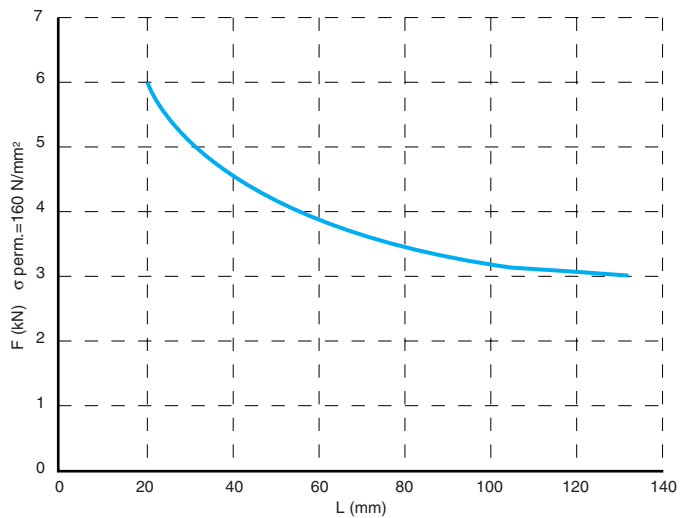
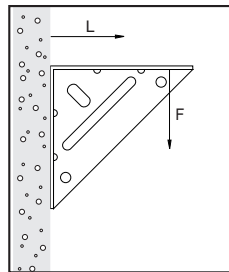
Art.nr.	<input type="checkbox"/> P	<input type="checkbox"/> L
KON100	3	xxx



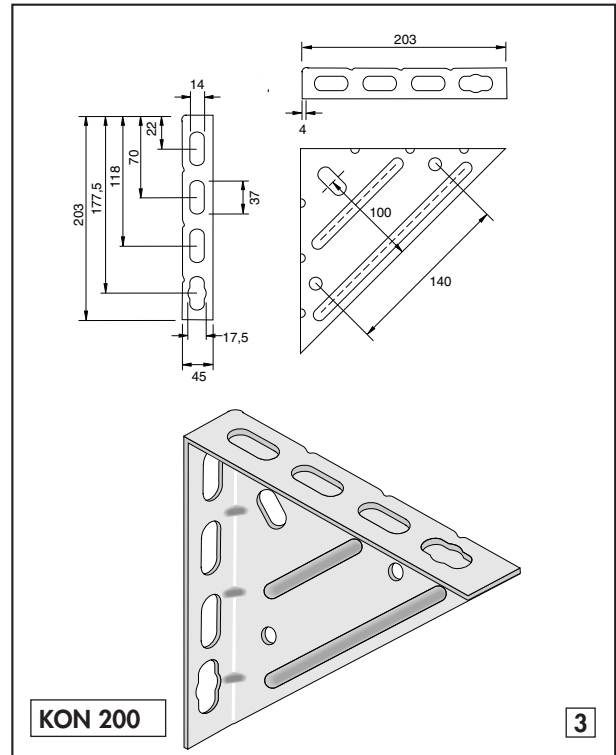
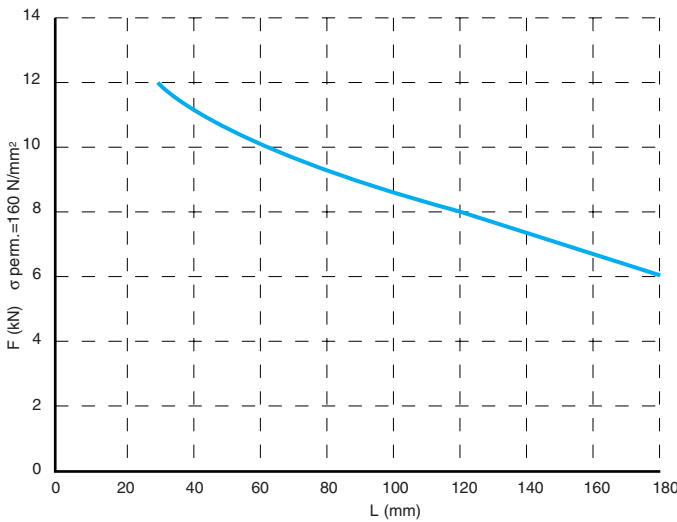
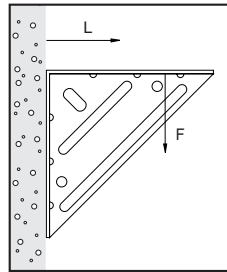
**KON 150**

**3**

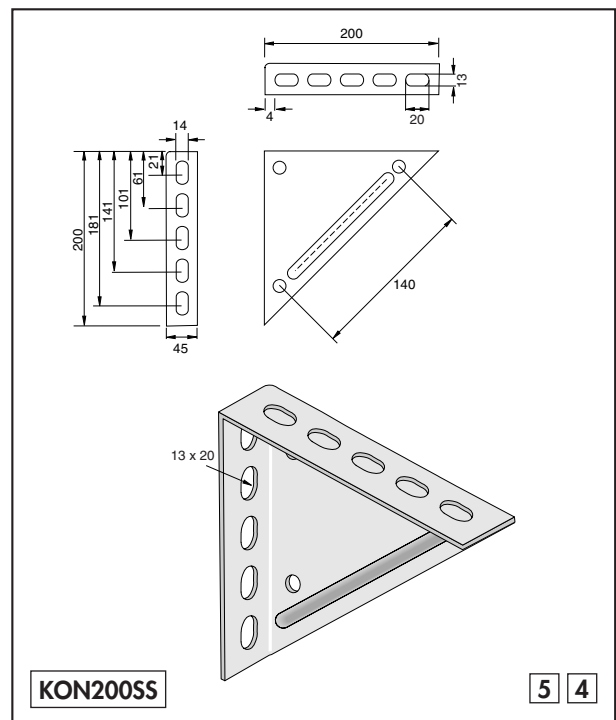
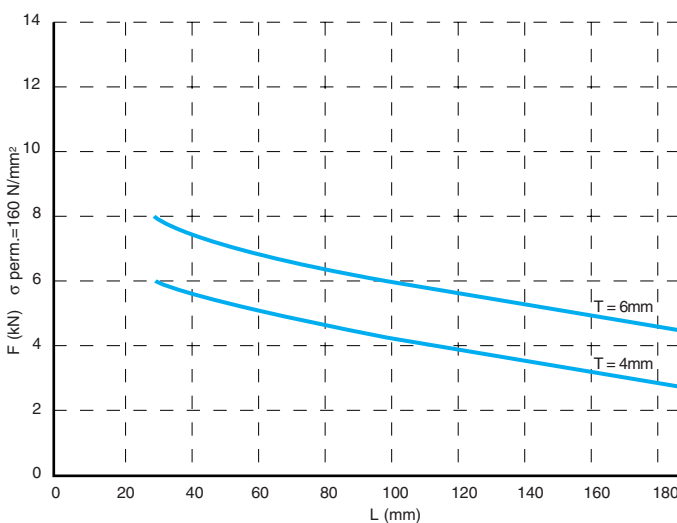
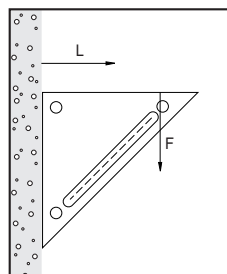
Art.nr.	<input type="checkbox"/> P	<input type="checkbox"/> L
KON150	3	0,820



Angle brackets **GB**  
 Winkel- und Auflagekonsolen **D**  
 Equerres triangulaires **F**



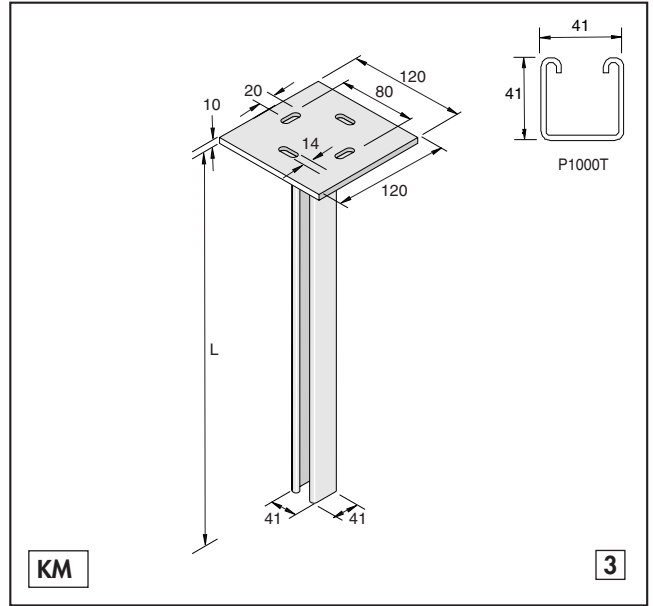
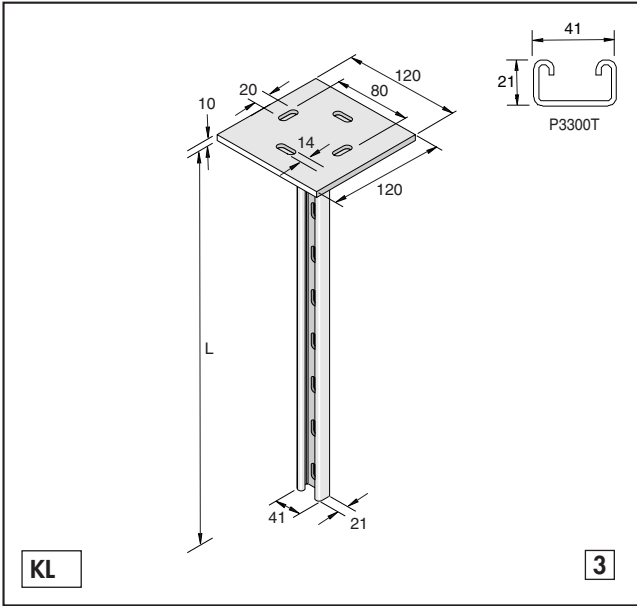
Art.nr.	<b>P</b>	
KON200	3	1,150



Art.Nr.	<b>P</b>	T mm		
140 24 52	5	6	0.995	10
135 24 52	4	4	1.548	10

# UNISTRUT

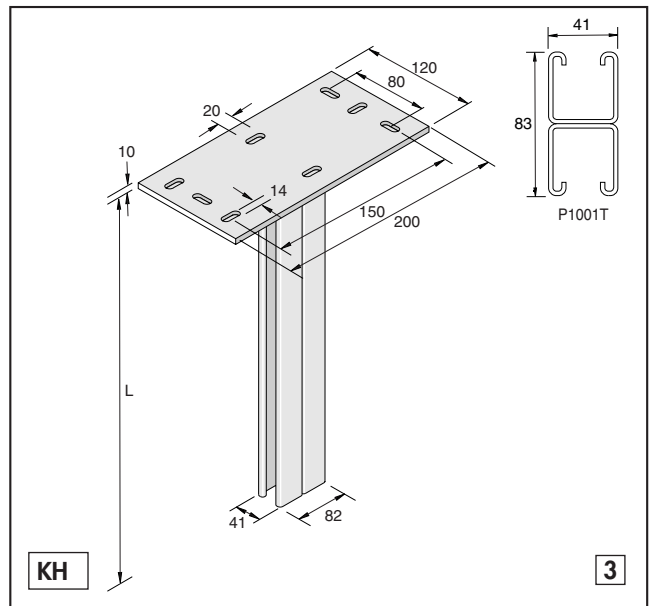
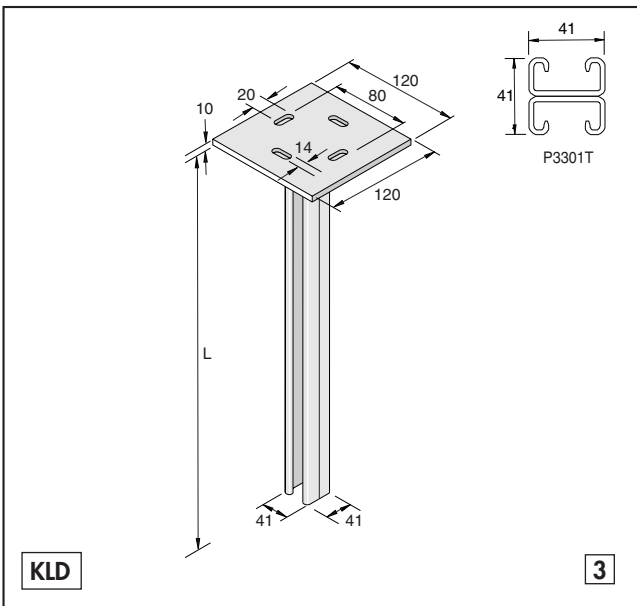
- GB** Vertical support with single channel
- D** Unistrut Deckenkonsolhalter
- F** Pendart avec rail simple



Art. nr.	L (mm)	⚖️
KL 5003	500	2,02
KL 7503	750	2,50
KL 10003	1000	3,00
KL 12503	1250	3,50

Art. nr.	L (mm)	⚖️
KM 5003	500	2,50
KM 7503	750	3,10
KM 10003	1000	3,70
KM 12503	1250	4,30

- GB** Vertical support with double channel
- D** Unistrut Deckenkonsolhalter
- F** Pendart avec rail double

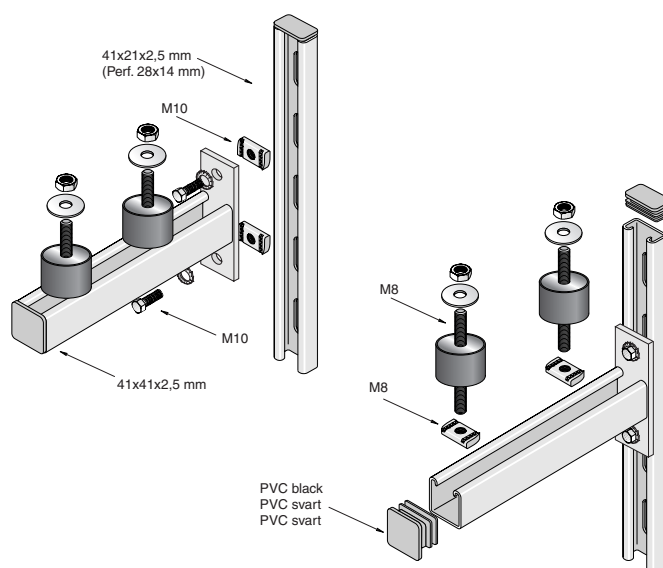
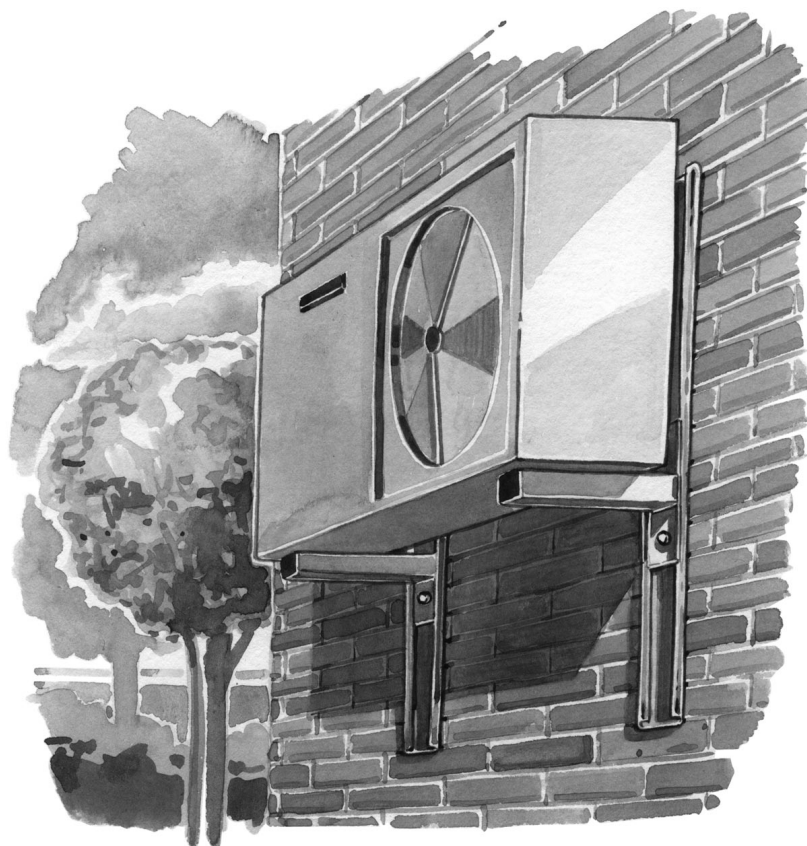


Art. nr.	L (mm)	⚖️
KLD 5003	500	2,88
KLD 7503	750	3,82
KLD 10003	1000	4,76
KLD 12503	1250	5,68
KLD 15003	1500	6,64
KLD 20003	2000	8,52

Art. nr.	L (mm)	⚖️
KH 5003	500	4,50
KH 7503	750	6,25
KH 10003	1000	7,10
KH 12503	1250	7,95
KH 15003	1500	9,80
KH 20003	2000	12,50

## UNISTRUT

Airconditioning support **GB**  
 Wandhalterung für Aussen-Klimatgerät **D**  
 Kit de climatisation **F**



L (mm)	Fmax.(N)
450	1000
600	800

Art.nr.	L (mm)	Weight	Kit
AIRCO450F	450	4,750	1 Kit
AIRCO600F	600	5,640	1 Kit