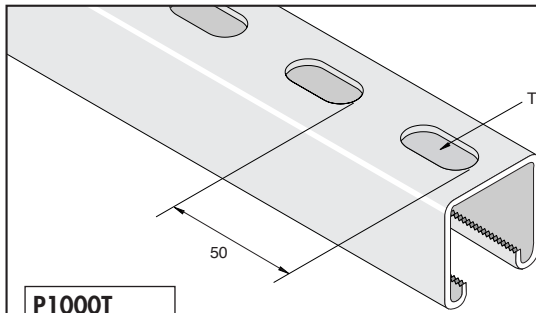
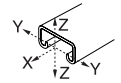
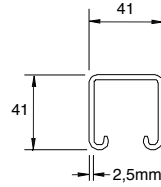


UNISTRUT P1000



P1000T



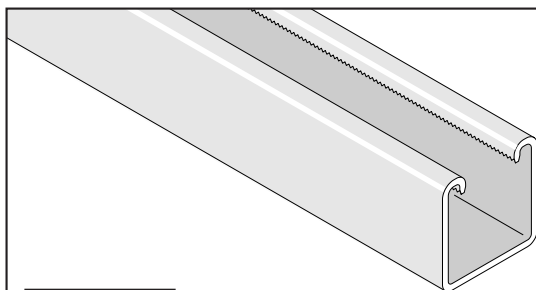
$A = 3.00 \text{ cm}^2$
 $\rho/m = 2.73 \text{ kg/m}$
 $I_{y-y} = 6.10 \text{ cm}^4$
 $Z_{y-y} = 2.87 \text{ cm}^3$
 $r_{y-y} = 1.42 \text{ cm}$
 $I_{z-z} = 9.17 \text{ cm}^4$
 $Z_{z-z} = 4.44 \text{ cm}^3$
 $r_{z-z} = 1.74 \text{ cm}$

1 2 3 4

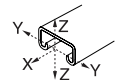
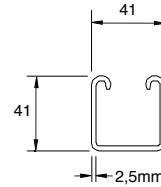
L(mm)	$\sigma=175 \text{ N/mm}^2$		$\sigma=175 \text{ N/mm}^2$		$f=1/200L$	$f=1/360L$	F(kN)
	Fmax(kN)	fmax(mm)	Fmax(kN)	fmax(mm)	F(kN)	F(kN)	
250	8.034	0.22	16.069	0.27	-	-	16.283
500	4.017	0.84	8.034	1.05	-	-	16.039
750	2.678	1.88	5.356	2.35	-	4.738	15.274
1000	2.006	3.34	4.012	4.18	-	2.659	13.626
1250	1.604	5.23	3.208	6.54	3.071	1.707	11.880
1500	1.339	1.93	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 => 180 < 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 => 180 < 250