



A (cm <sup>2</sup> )	ρ/m (kg/m)	-
6	5.47	-
I y-y (cm <sup>4</sup> )	Z y-y (cm <sup>3</sup> )	r y-y (cm)
36.21	8.77	2.45
I z-z (cm <sup>4</sup> )	Z z-z (cm <sup>3</sup> )	r z-z (cm)
18.34	8.88	1.74

Load Data						
	$\sigma = 175 \text{ N/mm}^2$ 		$f = 1/200L$ F (kN)	$f = 1/360L$ F (kN)		
	L(mm)	Fmax(kN)				
250	-	-	-	-	-	27.458
500	-	-	-	-	-	27.311
750	16.363	1.21	-	-	-	27.027
1000	12.272	2.15	-	-	-	26.585
1250	9.820	3.36	-	-	-	25.830
1500	8.182	4.84	-	7.034	-	24.584
1750	7.014	6.59	-	5.170	-	22.906
2000	6.131	8.61	-	3.953	-	21.042
2250	5.454	10.90	-	3.120	-	19.198
2500	4.905	13.46	4.552	2.531	-	17.452
2750	4.464	16.28	3.767	2.090	-	15.852
3000	4.091	19.38	3.159	1.756	-	14.391

\*kL/r > 180

Part No.	Finish	Length	Weight
P1001TX3	HG	3M	16.40
P1001TX6	HG	6M	31.53
P1001TX3	PG	3M	14.77
P1001TX6	PG	6M	29.54
Contact Factory	PO	3M	0.00
P1001TX6	PO	6M	26.59
P1001TX3	SS	3M	14.89
P1001TX6	SS	6M	29.78