



A (cm <sup>2</sup> )	$\rho$ /m (kg/m)	-
5.06	4.05	-
I y-y (cm <sup>4</sup> )	Z y-y (cm <sup>3</sup> )	r y-y (cm)
37.76	9.01	2.72
I z-z (cm <sup>4</sup> )	Z z-z (cm <sup>3</sup> )	r z-z (cm)
16.95	8.21	1.82

### Load Data

L(mm)	$\sigma=175 \text{ N/mm}^2$		$f=1/200L$	$f=1/360L$	F(kN)
	Fmax(kN)	fmax(mm)			
250	-	-	-	-	19.620
500	-	-	-	-	19.355
750	12.596	0.89	-	-	16.422
1000	9.447	1.59	-	-	12.822
1250	7.554	2.48	-	-	10.124
1500	6.298	3.58	-	-	8.182
1750	5.396	4.86	-	-	6.769
2000	4.719	6.36	-	4.120	5.719
2250	4.199	8.05	-	3.257	4.934
2500	3.777	9.93	-	2.639	4.326
2750	3.434	12.02	-	2.178	3.846
3000	3.149	14.31	-	1.834	3.453

Part No.	Finish	Length	Weight
P5000TX6	HG	6M	24.75
P5000TX3	PG	3M	12.17
P5000TX6	PG	6M	24.34