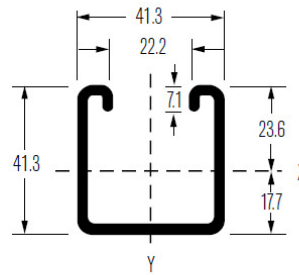
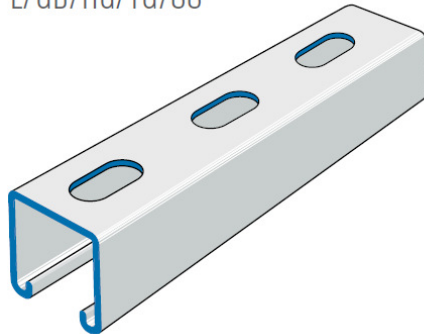


## TECH DATA SHEET P1000T-TG STRUT

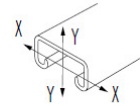
**P1000T**

PL/GB/HG/TG/SS

Slots 14 wide x 28 long  
at 50mm centres (approx.)



Mass: 2.32kg/m



A	-	295mm <sup>2</sup>
kg/m	-	2.32kg/m
I <sub>x-x</sub>	=	0.059 10 <sup>6</sup> mm <sup>4</sup>
Z <sub>x-x</sub>	=	2.698 10 <sup>3</sup> mm <sup>3</sup>
r <sub>x-x</sub>	=	14.1mm
I <sub>y-y</sub>	=	0.091 10 <sup>6</sup> mm <sup>4</sup>
Z <sub>y-y</sub>	=	4.423 10 <sup>3</sup> mm <sup>3</sup>
r <sub>y-y</sub>	=	17.6mm

L(mm)	Fmax(kN)	fmax(mm)	F(kN)
250	13.35	0.20	40.96
500	6.68	0.78	33.16
750	4.49	1.77	25.40
1000	3.34	3.15	19.30
1250	2.67	4.91	14.78
1500	2.22	7.08	11.88
1750	1.91 (2)	9.64	9.90
2000	1.66 (2)	12.59	8.41
2250	1.48 (2)	15.93	7.24
2500	1.33 (2)	19.66	6.31
2750	1.21 (2)	23.80	5.53
3000	1.12 (2)	28.32	-

Part No.	Material Thickness	Length
P1000T-PL	2.5mm	6m
P10003T-PL	2.5mm	6m
P1000T-GB	2.5mm	6m
P10003T-GB	2.5mm	3m
P1000T-HG	2.5mm	6m
P10003T-HG	2.5mm	3m

Standard Length: 6m

(2) See Note 2 Page 9

Channels are accurately and carefully cold formed to size from low carbon strip steel. The channel has a continuous slot with in-turned edges. Secure attachments may be made to the framing member with the use of hardened, toothed, grooved nuts which engage the in-turned edges.

Ultimate load values have been calculated from the section properties as permitted by AS/NZS 4600 Cold Formed Steel Structures code. The guaranteed minimum yield stress  $F_y$  has been taken as 264MPa for plain channels, and the increase allowed resulting from cold forming has been determined in accordance with the code. The listed working loads have been derived from the ultimate load divided by 1.5.

Truegalv® – the latest in galvanizing protection.

Complying with Australian standard AS/NZS 1397, Truegalv® delivers a smooth and consistent galvanised finish to our strut.