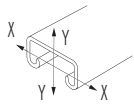
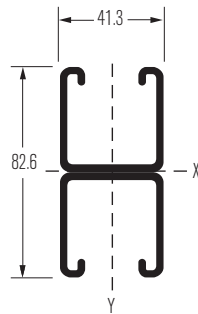


# UNISTRUT® COMBINATION STRUTS



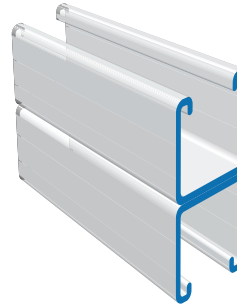
A	-	660mm <sup>2</sup>
kg/m	-	5.18kg/m
I <sub>x-x</sub>	=	0.318 10 <sup>6</sup> mm <sup>4</sup>
Z <sub>x-x</sub>	=	7.711 10 <sup>3</sup> mm <sup>3</sup>
r <sub>x-x</sub>	=	22.0mm
I <sub>y-y</sub>	=	0.184 10 <sup>6</sup> mm <sup>4</sup>
Z <sub>y-y</sub>	=	8.902 10 <sup>3</sup> mm <sup>3</sup>
r <sub>y-y</sub>	=	16.7mm



Mass: 5.18kg/m

PL/GB/HG

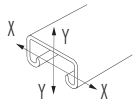
P1001



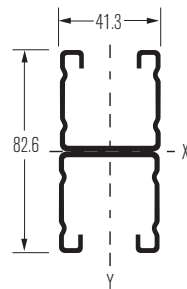
Part No.	Material Thickness	Length
P1001-PL	2.5mm	6m
P1001-GB	2.5mm	6m
P1001-HG	2.5mm	6m

L(mm)	F <sub>max</sub> (kN)	f	f <sub>max</sub> (mm)	F(kN)
250	25.64 (1)		0.08	97.71
500	19.58		0.50	94.09
750	13.06*		1.13	88.35
1000	9.79		2.00	80.90
1250	7.83		3.13	72.23
1500	6.53		4.50	62.89
1750	5.60 (2)		6.13	53.40
2000	4.90 (2)		8.01	44.21
2250	4.35 (2)		10.13	35.62
2500	3.92 (2)		12.51	28.85
2750	3.56 (2)		15.14	23.85
3000	3.26 (2)		18.02	20.04

\*Limited by weldshear  
(1) See Note 1 Page 10  
(2) See Note 2 Page 10



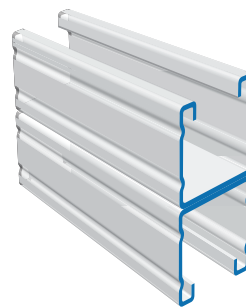
A	-	462mm <sup>2</sup>
kg/m	-	3.58 kg/m
I <sub>x-x</sub>	=	0.261 10 <sup>6</sup> mm <sup>4</sup>
Z <sub>x-x</sub>	=	6.321 10 <sup>3</sup> mm <sup>3</sup>
r <sub>x-x</sub>	=	23.8mm
I <sub>y-y</sub>	=	0.131 10 <sup>6</sup> mm <sup>4</sup>
Z <sub>y-y</sub>	=	6.367 10 <sup>3</sup> mm <sup>3</sup>
r <sub>y-y</sub>	=	16.9mm



Mass: 3.58kg/m

PL/GB/HG

P2001



Part No.	Material Thickness	Length
P2001-PL	1.6mm	6m
P2001-GB	1.6mm	6m
P2001-HG	1.6mm	6m

L(mm)	F <sub>max</sub> (kN)	f	f <sub>max</sub> (mm)	F(kN)
250	11.78 (1)		0.05	70.84
500	11.78		0.37	68.18
750	11.09		1.17	63.96
1000	8.32		2.07	58.50
1250	6.65		3.24	52.15
1500	5.54		4.67	45.32
1750	4.75 (2)		6.35	38.39
2000	3.48 (2)		4.63	31.77
2250	3.70 (2)		10.50	25.48
2500	3.33 (2)		12.96	20.64
2750	3.02 (2)		15.68	17.06
3000	2.77 (2)		18.66	14.33

(1) See Note 1 Page 10  
(2) See Note 2 Page 10