

TECHNICAL INFORMATION

HORIZONTAL BRACES

TIS17003A



ARTICLE	DESCRIPTION	WEIGHT (kg)	BRACE LENGTH (m)	COLOUR CODING	PERMISSIBLE LOADINGS			
					POINT LOAD (kN)	UDL (kN/m)	TENSION (kN)*	BUCKLING (kN)
UH0300	UNI horizontal brace 0.30m	1.41	0.3		9.49	63.25	11.60	37.92
UH1000	UNI horizontal brace 1.00m	2.12	1		2.85	5.69	11.60	36.04
UH1500	UNI horizontal brace 1.50m	2.64	1.5		1.90	2.53	11.60	25.04
UH1572	UNI horizontal brace 1.57m	2.71	1.572		1.81	2.30	11.60	23.54
UH2000	UNI horizontal brace 2.00m	3.15	2		1.42	1.42	11.60	16.52
UH2072	UNI horizontal brace 2.07m	3.22	2.072		1.37	1.33	11.60	15.62
UH2500	UNI horizontal brace 2.50m	3.66	2.5		1.14	0.91	11.60	11.47
UH2572	UNI horizontal brace 2.57m	3.73	2.572		1.11	0.86	11.60	10.92
UH3000	UNI horizontal brace 3.00m	4.17	3		0.95	0.63	11.60	8.34
UH3072	UNI horizontal brace 3.07m	4.24	3.072		0.93	0.60	11.60	7.99

*LIMITED BY CLAW TENSION FAILURE

SECTION	SECTION PROPERTIES	MATERIAL
	<p>A: 3.73 cm² Cz, Cy: 2.41 cm Izz, Iyy: 9.77 cm⁴</p>	<p>EN AW 6082-T6</p> <p>Fy = 250N/mm² Fu = 290N/mm²</p>

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