

# TECHNICAL INFORMATION

## ROLLER BRACES

TIS17007-



ARTICLE	DESCRIPTION	WEIGHT (kg)	BRACE LENGTH (m)	PERMISSIBLE LOADINGS			
				POINT LOAD (kN)	UDL (kN/m)	TENSION (kN)	BUCKLING (kN)
UR0300	UNI Roller 0.30m	1.37	0.30	14.95	99.65	79.29	760.12
UR1000	UNI roller 1.00m	4.60	1.00	4.48	8.97	79.29	167.14
UR1500	UNI roller 1.50m	6.10	1.50	2.99	3.99	79.29	75.21
UR1572	UNI roller 1.57m	6.30	1.57	2.85	3.63	79.29	68.72
UR2000	UNI roller 2.00m	8.80	2.00	2.24	2.24	79.29	42.52
UR2072	UNI roller 2.07m	8.80	2.07	2.16	2.09	79.29	39.71
UR2500	UNI roller 2.50m	11.40	2.50	1.79	1.44	79.29	27.29
UR2572	UNI roller 2.57m	11.40	2.57	1.74	1.36	79.29	25.83
UR3000	UNI roller 3.00m	13.60	3.00	1.49	1.00	79.29	18.99
UR3072	UNI roller 3.07m	13.60	3.07	1.46	0.95	79.29	18.14

SECTION	SECTION PROPERTIES	MATERIAL
	<p>A: 5.57 cm<sup>2</sup>                      Cz, Cy: 2.41 cm                      Iyy, Izz: 13.77 cm<sup>4</sup></p>	<p>S235 Steel</p> <p>Fy = 235N/mm<sup>2</sup>                      Fu = 360N/mm<sup>2</sup></p>

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