

Steel quality

Steel: s235/s355

U-bolts: s355 FZV

Threaded rods: s355 FZV

Performance

This data sheet covers diameter from $\varnothing 711\text{mm}$ to $\varnothing 3000\text{mm}$

This data sheet covers offset from 75mm to 400mm

Max installation on hoops: 6 support poles

Max vertical load from equipment per pole: 150kg

Max vertical load from equipment total: 525kg

Max horizontal load from equipment per pole incl safety factor: 4,5kN

Max horizontal load from equipment total incl safety factor: 15,0kN

Max geometric area from equipment per pole: 1,5m²

Max geometric area from equipment total: 5,1m²

Max installation height: 70meter

Terrain classification: TC1

Reference wind speed: 27m/s

M10 nut tightening torque: 30Nm

M10 2nd nut tightening torque: 47Nm

M12 nut tightening torque: 45Nm

M12 2nd nut tightening torque: 81Nm

M16 nut tightening torque: 80Nm

M16 2nd nut tightening torque: 197Nm


Installation and maintenance guides are available on our website www.telecomsteel.com

All listed item numbers are variants with 3 arms and ends with "3".

Variants with 1 arm are also available and ends with "1".

Variants with 2 arms are also available and ends with "2".

Size	Item numbers			
	2500mm	3000mm	3500mm	4000mm
Ø711-Ø1000mm	51203	51213	51223	51233
Ø1001-Ø2000mm	51243	51253	51263	51273
Ø2001-Ø3000mm	51283	51293	51303	51313

Designed by ABP	Checked by	Approved by	Date	Date 20-05-2025
 TELECOMSTEEL DANISH DESIGN & QUALITY		SH with support poles adj 400mm		
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