

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 300mm
 Max installation on hoops: 6 support poles
 Max vertical load from equipment per pole: 175kg
 Max vertical load from equipment total: 525kg
 Max horizontal load from equipment per pole incl safety factor: 5,1kN
 Max horizontal load from equipment total incl safety factor: 15,3kN
 Max geometric area from equipment per pole: 1,7m²
 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

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	51003	51013	51023	51033
Ø1001-Ø2000mm	51043	51053	51063	51073
Ø2001-Ø3000mm	51083	51093	51103	51113

Designed by ABP	Checked by	Approved by	Date	Date 20-05-2025	
 TELECOMSTEEL DANISH DESIGN & QUALITY		SH with support poles 300mm			
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