

Steel quality

Steel: s235/s355

U-bolts: s355 FZV/stainless A2

Threaded rods: s355 FZV

Performance

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: 3,4kN

Max horizontal load from equipment total: 10,2kN

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: 30Nm

M12 2nd nut tightening torque: 81Nm

M16 nut tightening torque: 45Nm


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".

Item numbers				
Size	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 15-10-2024	
 TELECOMSTEEL DANISH DESIGN & QUALITY			SH with support poles 300mm		
			Revision B	Sheet 1 / 1	

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