

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: 225kg  
 Max vertical load from equipment total: 780kg  
 Max horizontal load from equipment per pole: 4,5kN  
 Max horizontal load from equipment total: 15,0kN  
 Max geometric area from equipment per pole: 2,25m<sup>2</sup>  
 Max geometric area from equipment total: 7,5m<sup>2</sup>  
 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

Installation and maintenance guides are available on our website [www.telecomsteel.com](http://www.telecomsteel.com)

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

Designed by Bruger1	Checked by	Approved by	Date	Date 16-10-2024	
 <b>TELECOMSTEEL</b> DANISH DESIGN & QUALITY			SH with support poles adj 400mm_extra bracket		
			Revision A	Sheet 1 / 1	