


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: 260kg  
 Max vertical load from equipment total: 780kg  
 Max horizontal load from equipment per pole incl safety factor: 7,5kN  
 Max horizontal load from equipment total incl safety factor: 22,5kN  
 Max geometric area from equipment per pole: 2,5m<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: 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](http://www.telecomsteel.com)

Item numbers				
Size	2500mm	3000mm	3500mm	4000mm
$\varnothing 711\text{-}\varnothing 1000\text{mm}$	51003-E	51013-E	51023-E	51033-E
$\varnothing 1001\text{-}\varnothing 2000\text{mm}$	51043-E	51053-E	51063-E	51073-E
$\varnothing 2001\text{-}\varnothing 3000\text{mm}$	51083-E	51093-E	51103-E	51113-E

Designed by ABP	Checked by	Approved by	Date	Date 20-05-2025	
 <b>TELECOMSTEEL</b> DANISH DESIGN & QUALITY			SH with support poles 300mm_extra bracket		
			Revision D	Sheet 1 / 1	