

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: 225kg
 Max vertical load from equipment total: 780kg
 Max horizontal load from equipment per bracket incl safety factor: 6,75kN
 Max horizontal load from equipment total incl safety factor: 22,5kN
 Max geometric area from equipment per pole: 2,25m²
 Max geometric area from equipment total: 7,5m²
 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

Size	Item numbers			
	2500mm	3000mm	3500mm	4000mm
$\varnothing 711\text{-}\varnothing 1000\text{mm}$	51203-E	51213-E	51223-E	51233-E
$\varnothing 1001\text{-}\varnothing 2000\text{mm}$	51243-E	51253-E	51263-E	51273-E
$\varnothing 2001\text{-}\varnothing 3000\text{mm}$	51283-E	51293-E	51303-E	51313-E

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