



Steel quality

Steel: s235/s355 + hot-dip galvanized acc. EN ISO 1461  
 Bolts: 8.8 FZV  
 U-bolts: s355 FZV

Performance

This data sheet covers diameter from  $\varnothing 88,9\text{mm}$  to  $\varnothing 193,7\text{mm}$   
 This data sheet covers offset from 75mm to 300mm  
 Max vertical load from equipment per pole: 260kg  
 Max horizontal load from equipment per pole incl safety factor: 7,5kN  
 Max wind load area per pole incl form factor (C x A): 2,5m<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

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

Basis for structural design is according to EN 1990:2007 and Danish National Annex DS/EN 1990/NA.

Manufacturing of the structure is carried out in accordance with Execution Class EXC2 as per EN 1090-1+A1:2012 and EN 1090-2:2018.

Governing environmental loading is assessed as wind load, and actions on structures are determined according to EN 1991-1-4 and Danish National Annex DS/EN 1991-1-4/NA. CE marking is performed in accordance with the Construction Products Regulation (CPR).

Size	Item numbers				
	2000mm	2500mm	3000mm	3500mm	4000mm
Ø88,9-139,7mm - 300mm	41023-E	41033-E	41043-E	41053-E	41063-E
Ø139,7-Ø193,7mm - 300mm	41123-E	41133-E	41143-E	41153-E	41163-E
Ø88,9-Ø139,7mm - 75mm	41023-E-75	41033-E-75	41043-E-75	41053-E-75	41063-E-75
Ø139,7-193,7mm - 75mm	41123-E-75	41133-E-75	41143-E-75	41153-E-75	41163-E-75
Ø88,9-Ø139,7mm - 150mm	41023-E-150	41033-E-150	41043-E-150	41053-E-150	41063-E-150
Ø139,7-Ø193,7mm - 150mm	41123-E-150	41133-E-150	41143-E-150	41153-E-150	41163-E-150



Designed by AndersPedersen	Checked by	Approved by	Date	Date 29-11-2025
<b>TELECOMSTEEL</b> DANISH DESIGN & QUALITY			Antenneoffset with support poles	
			41033-E	Revision H