



**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  $\varnothing 219,1\text{mm}$  to  $\varnothing 711\text{mm}$   
 This data sheet covers offset from 75mm to 300mm  
 Max vertical load from equipment per pole: 262,5kg  
 Max horizontal load from equipment per pole incl safety factor: 7,65kN  
 Max wind load area per pole incl form factor (C x A): 2,55m<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			
	2500mm	3000mm	3500mm	4000mm
Ø219,1mm	41233-E	41243-E	41253-E	41263-E
Ø254mm	41303-E	41313-E	41323-E	41333-E
Ø273mm	41373-E	41383-E	41393-E	41403-E
Ø324mm	41443-E	41453-E	41463-E	41473-E
Ø356mm	41513-E	41523-E	41533-E	41543-E
Ø458mm	41583-E	41593-E	41603-E	41613-E
Ø558mm	41653-E	41663-E	41673-E	41683-E
Ø660mm	41723-E	41733-E	41743-E	41753-E
Ø711mm	41793-E	41803-E	41813-E	41823-E

Designed by AndersPedersen	Checked by	Approved by	Date	Date 01-12-2025
  <b>TELECOMSTEEL</b> DANISH DESIGN & QUALITY		AO with SP		
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