



Steel quality

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

Performance

This data sheet covers offset from 75mm to 400mm  
 Max vertical load from equipment per pole: 150kg  
 Max horizontal load from equipment per pole incl safety factor: 4,5kN  
 Max wind load area per pole incl form factor (C x A): 1,5m<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: 60Nm

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).



Item numbers						
1000mm	1500mm	2000mm	2500mm	3000mm	3500mm	4000mm
46070	46080	46090	46100	46110	46120	46130

Designed by AndersPedersen	Checked by	Approved by	Date	Date 14-12-2025
<b>TELECOMSTEEL</b> DANISH DESIGN & QUALITY			Support poles steel hoop	
46100			Revision E	Sheet 1 / 1