

1 pole

Ø40-Ø114,3mm  
Ø114,3-Ø193,7mm

Adjustable offset max 800mm

Ø60,3 x 1000-2000mm

Steel quality

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

Performance

This data sheet covers diameter from Ø40mm to Ø193,7mm  
This data sheet covers offset from 400mm to 800mm  
Max vertical load from equipment per pole: 80kg  
Max horizontal load from equipment per pole incl safety factor: 3,0kN  
Max wind load area per pole incl form factor (C x A): 1,0m<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).

Item numbers			
Size	1000mm	1500mm	2000mm
Ø40-Ø114,3mm	44270	44280	44290
Ø114,3-Ø193,7mm	44370	44380	44390

Designed by AndersPedersen	Checked by	Approved by	Date	Date 02-12-2025
 <b>TELECOMSTEEL</b> DANISH DESIGN & QUALITY			Support poles mast	
			44280	Revision E

