



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 $\varnothing 30\text{mm}$ to $\varnothing 193,7\text{mm}$
 This data sheet covers offset from 75mm to 300mm
 Max vertical load from equipment per pole: 175kg
 Max horizontal load from equipment per pole incl safety factor: 5,1kN
 Max wind load area per pole incl form factor (C x A): 1,7m²
 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

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	2500mm	3000mm	3500mm	4000mm
Ø30-Ø114,3mm	44000	44010	44020	44030	44040	44050	44060
Ø114,3-Ø193,7mm	44100	44110	44120	44130	44140	44150	44160
Designed by	Checked by	Approved by	Date	Date			
AndersPedersen				02-12-2025			
TELECOMSTEEL DANISH DESIGN & QUALITY				Support poles mast			
				44030	Revision E	Sheet 1 / 1	