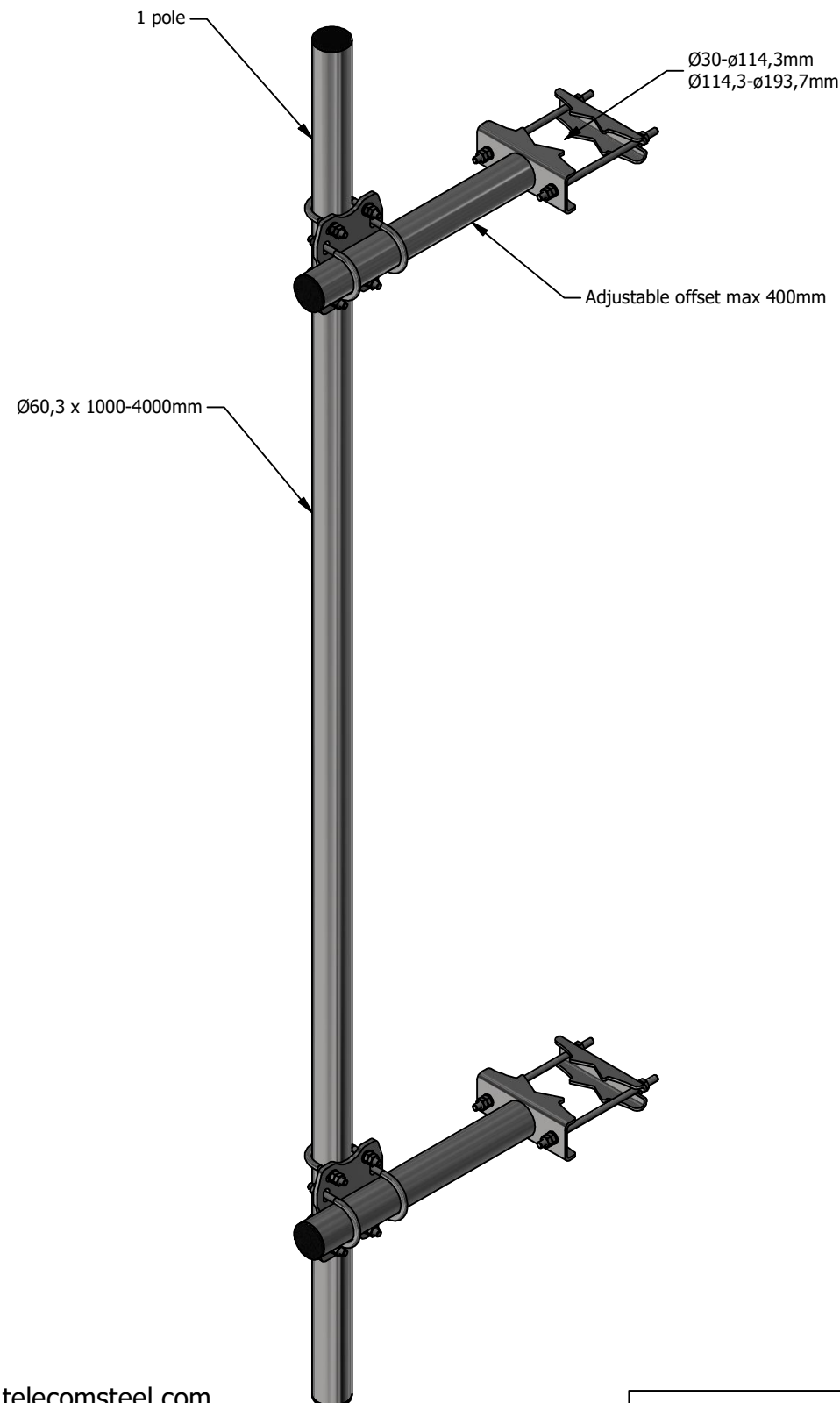




Steel quality

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 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): 1,5m²
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	44200	44210	44220	44230	44240	44250	44260
Ø114,3-ø193,7mm	44300	44310	44320	44330	44340	44350	44360
Designed by		Checked by		Approved by		Date	
AndersPedersen						02-12-2025	
 TELECOMSTEEL DANISH DESIGN & QUALITY				Support poles mast			
				44230			Revision E