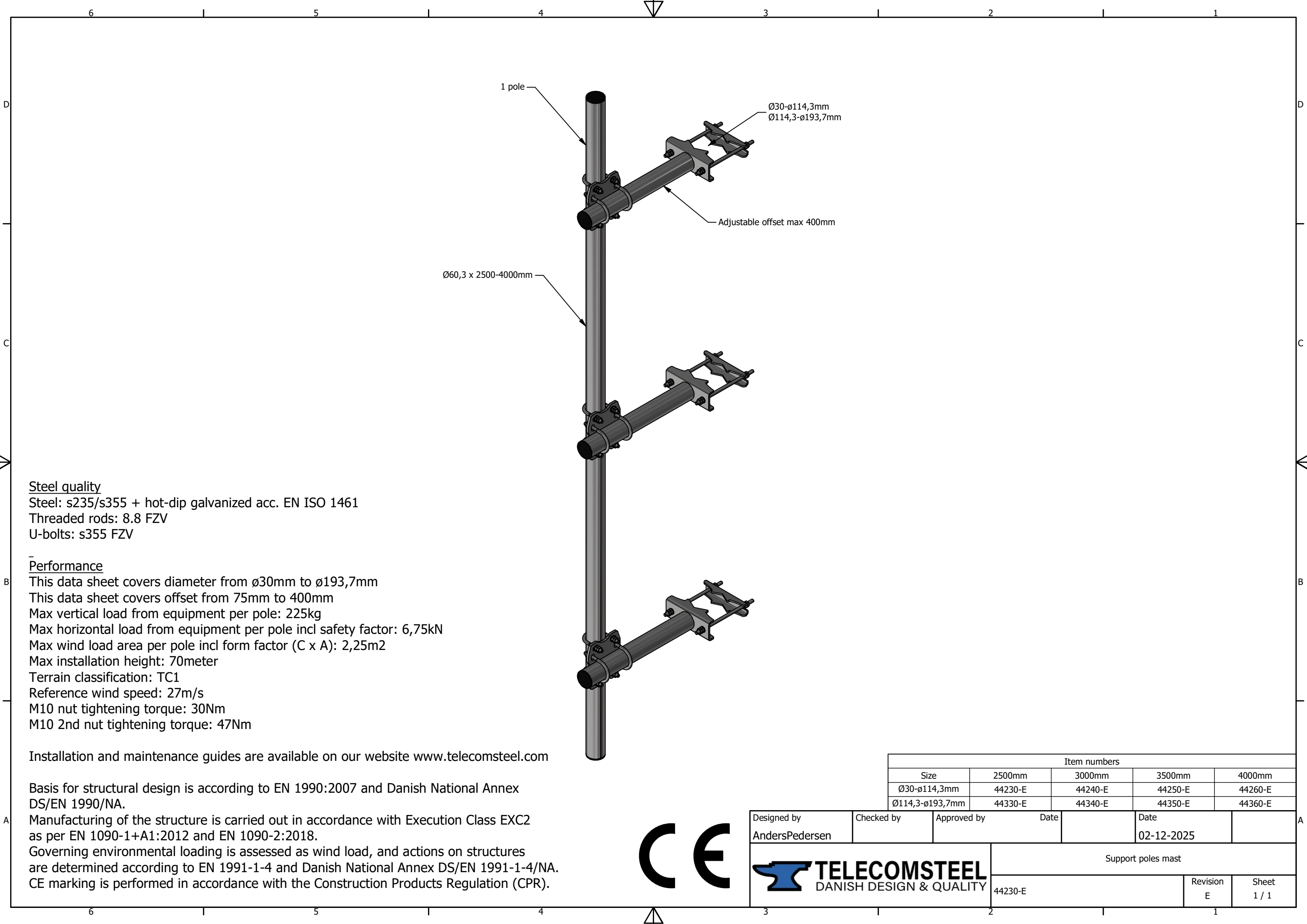




Steel quality

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 Ø30mm to Ø193,7mm
This data sheet covers offset from 75mm to 400mm
Max vertical load from equipment per pole: 225kg
Max horizontal load from equipment per pole incl safety factor: 6,75kN
Max wind load area per pole incl form factor (C x A): 2,25m²
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	2500mm	3000mm	3500mm	4000mm
Ø30-Ø114,3mm	44230-E	44240-E	44250-E	44260-E
Ø114,3-Ø193,7mm	44330-E	44340-E	44350-E	44360-E

Designed by AndersPedersen	Checked by	Approved by	Date		Date	
					02-12-2025	
 TELECOMSTEEL DANISH DESIGN & QUALITY			Support poles mast			
			44230-E	Revision E	Sheet 1 / 1	