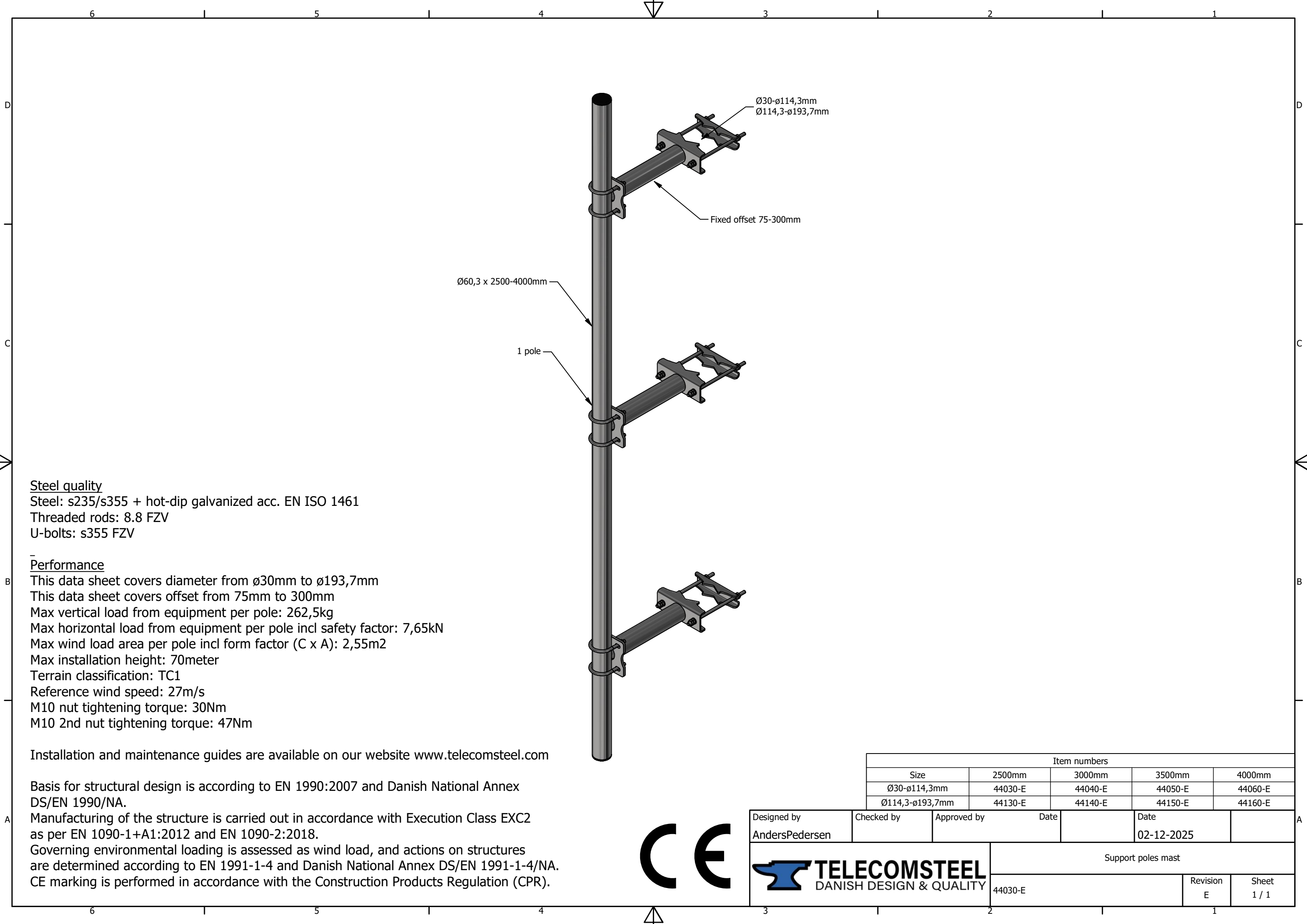




Steel quality

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 300mm  
Max vertical load from equipment per pole: 262,5kg  
Max horizontal load from equipment per pole incl safety factor: 7,65kN  
Max wind load area per pole incl form factor (C x A): 2,55m<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            | 2500mm  | 3000mm  | 3500mm  | 4000mm  |
| Ø30-Ø114,3mm    | 44030-E | 44040-E | 44050-E | 44060-E |
| Ø114,3-Ø193,7mm | 44130-E | 44140-E | 44150-E | 44160-E |

|                                                                                                                                      |            |             |                    |               |                |  |
|--------------------------------------------------------------------------------------------------------------------------------------|------------|-------------|--------------------|---------------|----------------|--|
| Designed by<br>AndersPedersen                                                                                                        | Checked by | Approved by | Date               |               | Date           |  |
|                                                                                                                                      |            |             |                    |               | 02-12-2025     |  |
|  <b>TELECOMSTEEL</b><br>DANISH DESIGN & QUALITY |            |             | Support poles mast |               |                |  |
|                                                                                                                                      |            |             | 44030-E            | Revision<br>E | Sheet<br>1 / 1 |  |