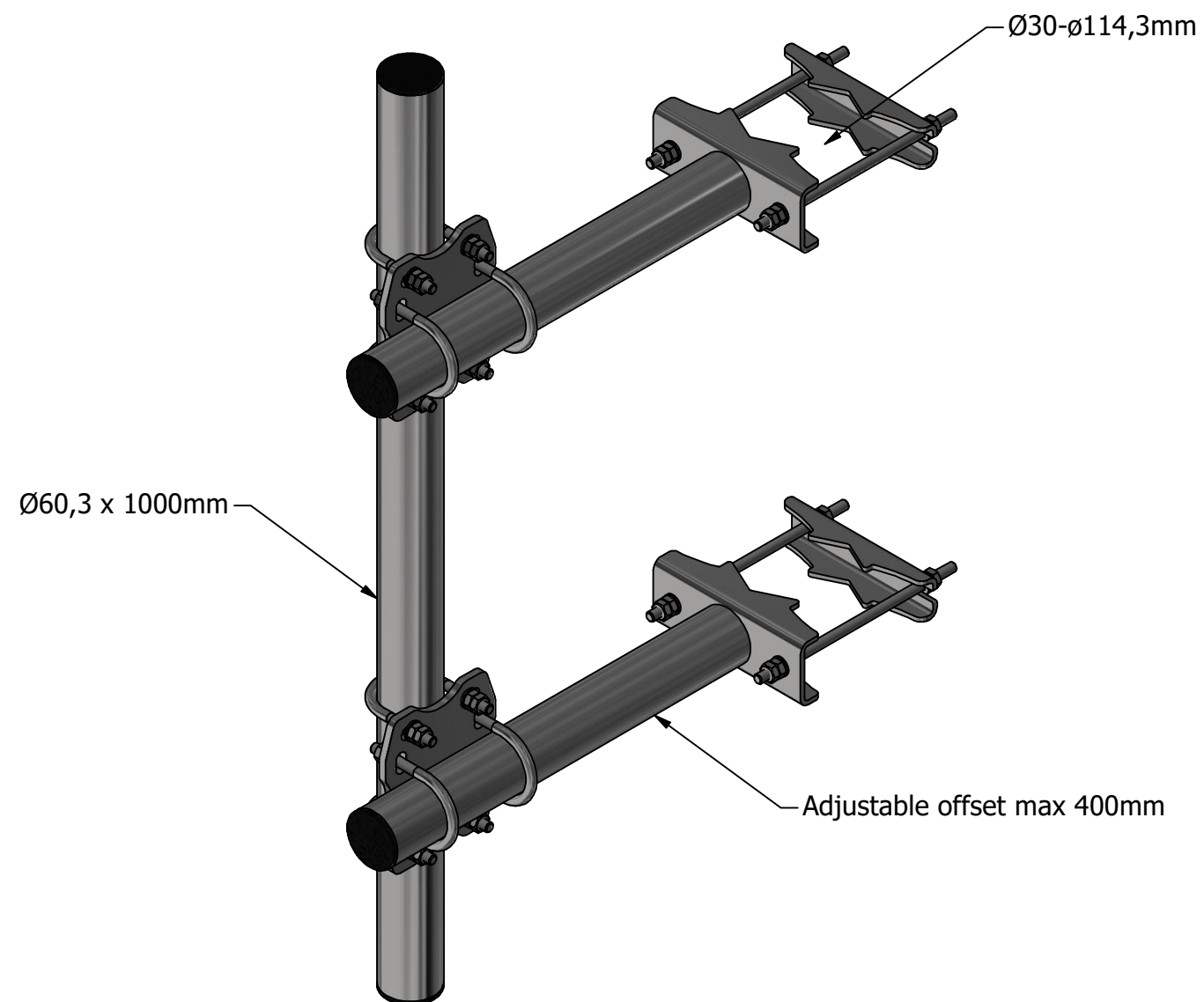




Steel quality

Steel: s235/s355 + hot-dip galvanized acc. EN ISO 1461

Threaded rods: 8.8 FZV

U-bolts: s355 FZV

Performance

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).



Designed by AndersPedersen	Checked by	Approved by	Date	Date 14-01-2026	
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