



Steel quality

Steel: s235/s355 + hot-dip galvanized acc. EN ISO 1461
 Bolts: 8.8 FZV
 U-bolts: s355 FZV

Performance

This data sheet covers diameter from ø88,9mm to ø193,7mm
 This data sheet covers offset from 300mm to 600mm
 Max vertical load from equipment per pole: 100kg
 Max horizontal load from equipment per pole incl safety factor: 3,0kN
 Max wind load area per pole incl form factor (C x A): 1,0m²
 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).

All listed item numbers are variants with 3 arms and ends with "3".

Variants with 2 arms are also available and ends with "2".

| Size | Item numbers | | |
|-------------------------|--------------|--------|--------|
| | 1000mm | 1500mm | 2000mm |
| Ø88,9-ø139,7mm - 600mm | 41073 | 41083 | 41093 |
| Ø139,7-ø193,7mm - 600mm | 41172 | 41183 | 41193 |

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| Designed by AndersPedersen | Checked by | Approved by | Date | Date 01-12-2025 |
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TELECOMSTEEL
 DANISH DESIGN & QUALITY

41083

AO with SP

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| Revision E | Sheet 1 / 1 |
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