



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 $\varnothing 88,9\text{mm}$ to $\varnothing 193,7\text{mm}$
 This data sheet covers offset from 75mm to 300mm
 Max vertical load from equipment per pole: 175kg
 Max horizontal load from equipment per pole incl safety factor: 5,1kN
 Max wind load area per pole incl form factor (C x A): 1,7m²
 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	2500mm	3000mm	3500mm	4000mm
Ø88,9-139,7mm - 300mm	41003	410013	41023	41033	41043	41053	41063
Ø139,7-Ø193,7mm - 300mm	41103	41113	41123	41133	41143	41153	41163
Ø88,9-Ø139,7mm - 75mm	-	-	41023-75	41033-75	41043-75	41053-75	41063-75
Ø139,7-193,7mm - 75mm	-	-	41123-75	41133-75	41143-75	41153-75	41163-75
Ø88,9-Ø139,7mm - 150mm	-	-	41023-150	41033-150	41043-150	41053-150	41063-150
Ø139,7-Ø193,7mm - 150mm	-	-	41123-150	41133-150	41143-150	41153-150	41163-150

Designed by AndersPedersen	Checked by	Approved by	Date	Date 29-11-2025
 TELECOMSTEEL DANISH DESIGN & QUALITY			Antenneoffset with support poles	
			41033	Revision G

