



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 400mm to 800mm
 Max vertical load from equipment per pole: 80kg
 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
$\varnothing 88,9\text{-}\varnothing 139,7\text{mm}$ - adj 800mm	42173	42183	42193
$\varnothing 139,7\text{-}\varnothing 193,7\text{mm}$ - adj 800mm	42273	42283	42293

Designed by AndersPedersen	Checked by	Approved by	Date	Date 01-12-2025
 		AO with SP		
		42183	Revision E	Sheet 1 / 1