



Steel quality

Steel: 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 bracket: 87,5kg
 Max horizontal load from equipment per bracket incl safety factor: 2,55kN
 Max wind load area per bracket incl form factor (C x A): 0,85m²
 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).

Size	Item numbers		
	1 arm	2 arm	3 arm
$\varnothing 88,9\text{-}\varnothing 139,7\text{mm}$	41064	41065	41066
$\varnothing 139,7\text{-}\varnothing 193,7\text{mm}$	41164	41165	41166

Designed by AndersPedersen	Checked by	Approved by	Date	Date 29-11-2025
 TELECOMSTEEL DANISH DESIGN & QUALITY			Extra bracket antenneooffset	
			41066	Revision G

