



**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  $\varnothing 219,1\text{mm}$  to  $\varnothing 711\text{mm}$

This data sheet covers offset from 300mm to 600mm

Max vertical load from equipment per bracket: 50kg

Max horizontal load from equipment per bracket incl safety factor: 1,5kN

Max wind load area per bracket incl form factor (C x A): 0,5m<sup>2</sup>

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](http://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
Ø219mm	41854	41855	41856
Ø254mm	41884	41885	41886
Ø273mm	41914	41915	41916
Ø324mm	41944	41945	41946
Ø356mm	41974	41975	41976
Ø458mm	42004	42005	42006
Ø558mm	42034	42035	42036
Ø660mm	42064	42065	42066
Ø711mm	42094	42095	42096



Designed by AndersPedersen	Checked by	Approved by	Date	Date 01-12-2025
 <b>TELECOMSTEEL</b> DANISH DESIGN & QUALITY			Extra bracket	
			41976	Revision E