



Steel quality

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

Performance

This data sheet covers diameter from  $\varnothing 219,1\text{mm}$  to  $\varnothing 711\text{mm}$   
 Max vertical load per pole: 40kg  
 Max horizontal load per pole incl safety factor: 2,4kN  
 Max wind load area per pole incl form factor (C x A): 0,8m<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		
	1arm	2arm	3arm
Ø219,1mm	54001	54002	54003
Ø254mm	54011	54012	54013
Ø273mm	54021	54022	54023
Ø324mm	54031	54032	54033
Ø356mm	54041	54042	54043
Ø458mm	54051	54052	54053
Ø558mm	54061	54062	54063
Ø660mm	54071	54072	54073
Ø711mm	54081	54082	54083

Designed by AndersPedersen	Checked by	Approved by	Date	Date 16-12-2025
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			54023	Revision B

