



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

This data sheet covers offset from 300mm to 600mm

Max vertical load from equipment per pole: 150kg

Max horizontal load from equipment per pole incl safety factor: 4,5kN

Max wind load area per pole incl form factor (C x A): 1,5m²

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).

Item numbers			
Size	1000mm	1500mm	2000mm
Ø219mm	41833-E	41843-E	41853-E
Ø254mm	41863-E	41873-E	41883-E
Ø273mm	41893-E	41903-E	41913-E
Ø324mm	41923-E	41933-E	41943-E
Ø356mm	41953-E	41963-E	41973-E
Ø458mm	41983-E	41993-E	42003-E
Ø558mm	42013-E	42023-E	42033-E
Ø660mm	42043-E	42053-E	42063-E
Ø711mm	42073-E	42083-E	42093-E



Designed by AndersPedersen	Checked by	Approved by	Date	Date 01-12-2025
 TELECOMSTEEL DANISH DESIGN & QUALITY			AO with SP	
41963-E			Revision E	Sheet 1 / 1