

FOUNDATION BOLTS AND CASTING TEMPLATE



Foundation bolts M20x1000 are used together with the casting template for embedding in concrete foundations for poles with base flange.

During casting, 4 foundation bolts are mounted on the casting template and lowered into the wet concrete. The casting template rests on the concrete surface until curing is complete.



Foundation bolts with washers and nuts, incl. casting template



Protective caps for foundation bolts. The caps contain grease sealed inside.

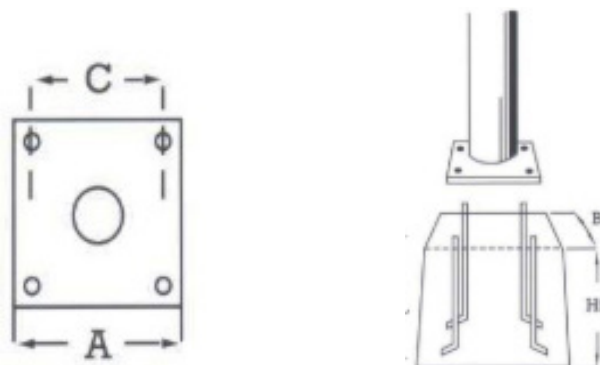


The seal is removed and the caps are pressed down over the bolts. Supplied in sets of 4 pcs.

FOUNDATION BOLTS AND CASTING TEMPLATE

Foundation bolts M20 x 1000 mm, steel grade 8.8:

Used for mounting base flange poles up to 12 metres embedded in concrete foundations.



El-nr.: 5310730256

EAN nr: 5703390440801

Dimension: 20 x 1000 mm

Base flange dimensions:

A/A: 350 x 350 mm

C/C: 250 x 250 mm

Casting template for conical pole

El-nr.: 5310163506

EAN nr: 5703390440900

Pole height (m)	Foundation height (Hf) (mm)	Foundation width (B) (mm)
7,0	1200	400
8,0	1300	400
9,0	1400	550
10,0	1400	550
12,0	1500	550

Soil conditions

Recommendations for concrete foundation sizing should always be regarded as guidelines, as soil conditions are normally assumed to be:

- Clay/soil – Shear strength $C_v = 50 \text{ kN/m}^2 = 50 \text{ kPa}$
- Sand – Angle of internal friction $\phi_l = 35^\circ$

In other cases, a soil test at the installation site is recommended.

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Casting of concrete foundation

The foundation bolts are mounted using the casting template and lowered into the wet concrete.
The template remains on the concrete surface until curing has taken place.

Please note a minimum curing time of 21 days.

Installation

The casting template is removed, and the nuts are reinstalled and levelled, after which the pole is mounted with washers and nuts.
These are tightened to 240 Nm.

Protective caps for foundation bolts

Supplied in sets of 4 pcs.

M20 bolts	El. nr. 5310730088	EAN: 5703390445011
M24 bolts	El. nr. 5310730090	EAN: 5703390445028
M27 bolts	El. nr. 5310730092	EAN: 5703390445035
M33 bolts	El. nr. 5310730094	EAN: 5703390445042
M39 bolts	El. nr. 5310730098	EAN: 5703390445059

Other dimensions are available on request.