

Features

- Threaded rod for long thread lengths.
- Rod with 4.8 grade quality for good strength.
- Protective packaging to prevent thread damage during transport.
- Size clearly identified on the outside.
- Mechanical properties: According to DIN 7504.

Material

- Mild steel, class 4.8 according to DIN 975 (also available in stainless steel in M8 and M10).
- Coating: White zinc plated, thickness 5–10 µm.

Main dimensions

Wide range of diameters from 16 mm to 40 mm.

Dimensions [mm]	Effective section [mm]	Breaking torque [mm]
M6 x 1000	20.1	7.9
M8 x 1000	36.6	20.0
M10 x 1000	58.0	41.0
M12 x 1000	84.3	70.0

Base material

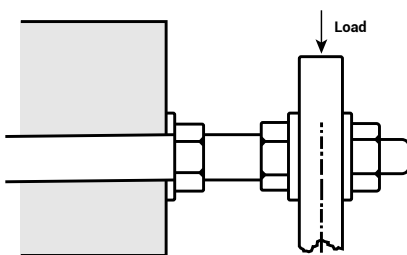
- Concrete with expansion anchor.

Recommended loads*

Dimensions [mm]	Tension [kg]	Shear [kg]
M6	420	225
M8	770	435
M10	1220	575
M12	1770	1005

^(*) Recommended working loads after applying the corresponding safety factor.

Single fixing



Load [kg]	Maximum distance to the wall [mm]			
	M6	M8	M10	M12
10	25	60	125	220
20	10	30	60	110
30	-	20	40	75
40	-	15	30	55
50	-	13	25	45
60	-	10	20	35
70	-	-	18	30
80	-	-	16	28
90	-	-	14	25
100	-	-	12	20