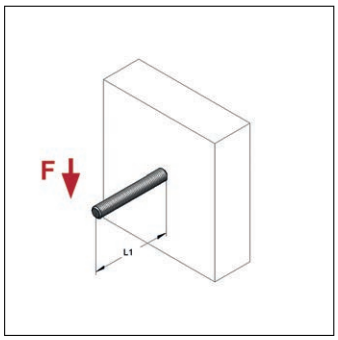
Threaded rods



Threaded rod



Load effect

Specification

Application area:	Complementary accessories for pipe mounting.
Norm:	DIN 976-1

Technical data

Material:	Steel
Surface:	galvanized
Strength class:	4.6

Thread	Length L [mm]	Tension load [kN]	Load at fire resistance period 30 min. [kN]	Load at fire resistance period 60 min. [kN]	Load at fire resistance period 90 min. [kN]	Weight [kg/pc]	Bundle [pcs]	Packing unit [pcs.]	Part-No.
M8	1000	8,96	0,80	0,46	0,35	0,326	50	50	0730084
M8	2000	8,96	0,80	0,46	0,35	0,653	25	25	0730289
M8	3000	8,96	0,80	0,46	0,35	0,980	50	50	0730483
M10	1000	14,20	1,27	0,72	0,55	0,510	25	25	0730106
M10	2000	14,20	1,27	0,72	0,55	1,02	20	20	0730300
M10	3000	14,20	1,27	0,72	0,55	1,53	25	25	0730505
M12	1000	20,64	1,84	1,05	0,80	0,735	25	25	0730122
M12	2000	20,64	1,84	1,05	0,80	1,47	20	20	0730327
M12	3000	20,64	1,84	1,05	0,80	2,21	25	25	0730521
M16	1000	38,43	3,42	1,96	1,49	1,31	10	10	0730165
M16	2000	38,43	3,42	1,96	1,49	2,61	10	10	0730378
M16	3000	38,43	3,42	1,96	1,49	3,92	20	20	0730564

Threaded rods / bolts - admissible load* on bending

Distance L1	M8	M10	M12	M16
[mm]	F [kN]	F [kN]	F [kN]	F [kN]
50	0,12	0,23	0,40	1,00
100	0,06	0,12	0,20	0,50
150	0,02	0,06	0,13	0,33
200	0,01	0,03	0,07	0,24
250		0,02	0,05	0,15
300		0,02	0,03	0,11
350		0,01	0,02	0,08
400		0,01	0,02	0,06

* f_y=240 N/mm², safety factor=1,5, E-module= 210.000 N/mm² max. deflection f = L/150 related to tensile stress area