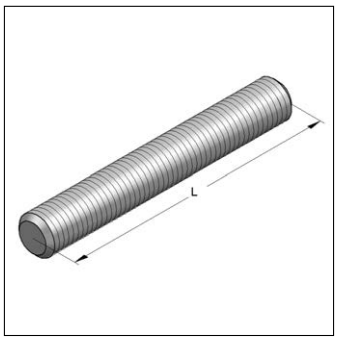
Threaded pins



Threaded pin

Specification

Application area:	Complementary accessories for pipe mountings.
Norm:	DIN 976-1
Recommended accessories:	four-way key see chapter 10.

Technical data

Material:	Stainless steel

Thread	Length L [mm]	Tension load [kN]	Material type	Weight [kg/pc]	Packing unit [pcs.]	Part-No.
M12	50	36,11	V4A	0,0372	100	0734550
M12	110	36,11	V4A	0,0822	50	0734610
M8	30	15,68	V2A	0,0098	100	0732130
M8	50	15,68	V2A	0,0165	100	0732150
M8	70	15,68	V2A	0,0232	100	0732170
M8	110	15,68	V2A	0,0365	100	0732210

Threaded pins

Thread	Length L [mm]	Tension load [kN]	Material type	Weight [kg/pc]	Packing unit [pcs.]	Part-No.
M10	50	24,85	V2A	0,0258	100	0732350
M10	70	24,85	V2A	0,0362	100	0732370
M10	110	24,85	V2A	0,0570	50	0732410
M12	50	36,11	V2A	0,0372	50	0732550
M12	110	36,11	V2A	0,0822	50	0732610

Stainless steel threaded rods / bolts - admissible load* on bending

Distance L	**M8**	**M10**	**M12**	**M16**
[mm]	F [kN]	F [kN]	F [kN]	F [kN]
50	0,10	0,20	0,35	0,87
100	0,05	0,10	0,18	0,44
150	0,02	0,06	0,12	0,29
200	0,01	0,03	0,07	0,22
250	0,01	0,02	0,04	0,15
300	0,01	0,01	0,03	0,10
350		0,01	0,02	0,07
400		0,01	0,02	0,06

*V2A f_y=210 N/mm², safety factor=1,5, E-module= 200.000 N/mm² max. deflection f = L/150 related to tensile stress area

*V4A f_y=210 N/mm², safety factor=1,5, E-module= 200.000 N/mm² max. deflection f = L/150 related to tensile stress area