

# THREADED ROD GST



## TECHNICAL DATA

Material: Steel class 4.8 DIN 975, electro-galvanised.

Type	d1[mm]	d2[mm]	p[mm]	Aresist[mm <sup>2</sup> ]	Nax,k[kN]
M 8	8.0	6.47	1.25	36.6	13.2
M 10	10.0	8.16	1.50	58.0	20.9
M 12	12.0	9.85	1.75	84.3	30.3
M 16	16.0	13.55	2.00	157.0	56.5
M 20	20.0	16.93	2.50	245.0	88.2
M 24	24.0	20.32	3.00	353.0	127.1

Nax,k[kN]

\* the steel class 4.8 characteristic values (Nax, k) are according to the EN 1993 standard.

\*\* the design values are derived from the characteristic values as follows:  $N_{ax, d} = N_{ax, k} / \gamma_{m2}$ .

### PROSYSTEM ITALIA SRL

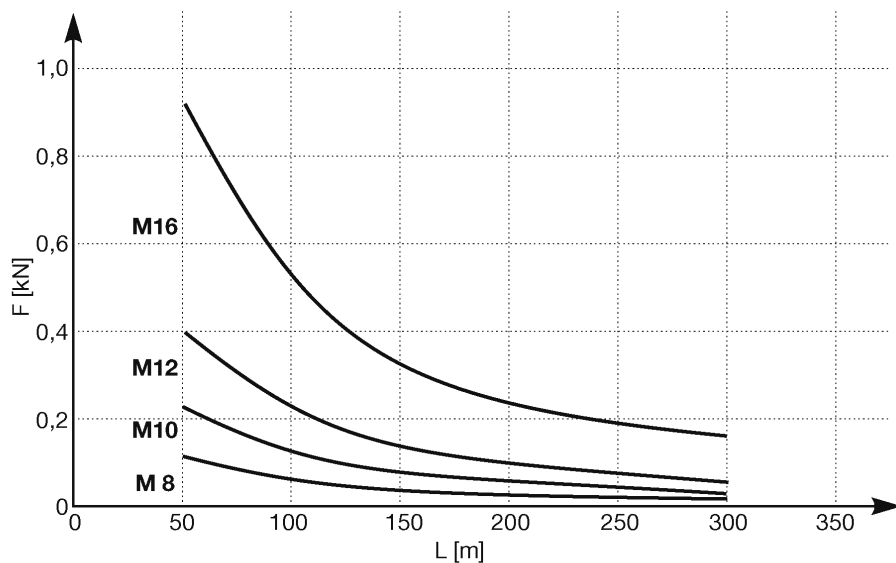
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Max bending moment for threaded rods (class 4.8):  $\sigma_{max} \leq 160 \text{ N/mm}^2$   $f \leq 3 \text{ mm}$



Codice	Nome	Peso	Numero di pezzi
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Codice	Nome	Peso	Numero di pezzi
179264	M 6 1 m	0.17	100
124559	M 8 1 m	0.31	50
110817S	M16 1 m	1.3	10
142696	M 8 2 m	0.31	50
142739	M 8 3 m	0.31	30
124568	M10 1 m	0.49	25
124559S	M 8 1 m	0.31	50
142702	M10 2 m	0.49	50
142748	M10 3 m	0.49	30
143192	M12 1 m	0.7	25
124568S	M10 1 m	0.49	25
142711	M12 2 m	0.7	20
142757	M12 3 m	0.7	30
110817	M16 1 m	1.3	10
142720	M16 2 m	1.3	20
142766	M16 3 m	1.3	15
110823		1.3	10
110827		1.3	10
142748S	M10 3 m	0.49	30
142757S	M12 3 m	0.7	30
143192S	M12 1 m	0.7	20

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