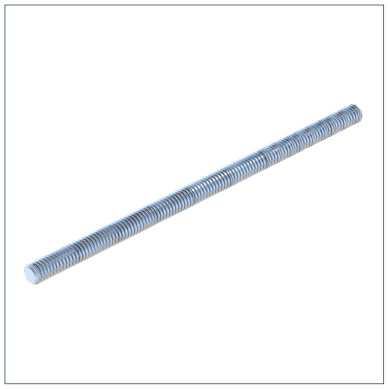
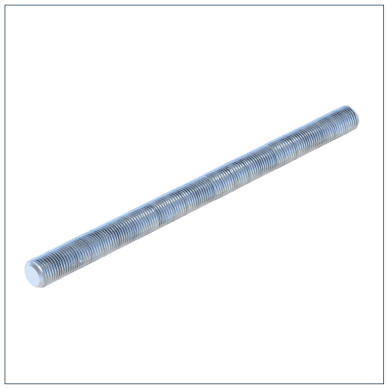
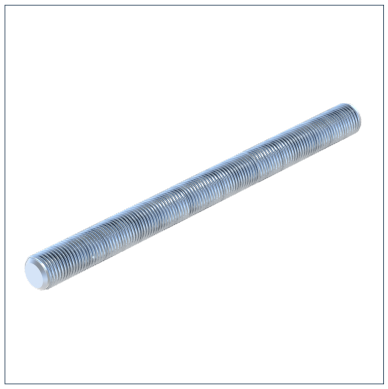
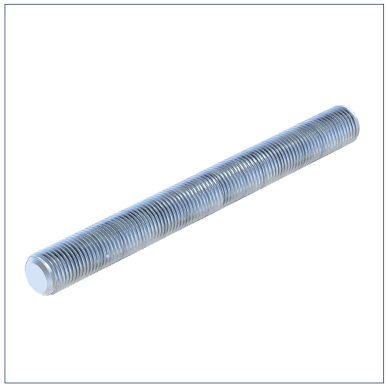
Threaded Rod GST DIN 976 A4









General Information

The threaded rod according to DIN 976 serves as a versatile connecting element for fastening and mounting in technical building equipment and plant engineering. It allows for flexible length adjustments and is often used in combination with pipe clamps, brackets or support systems. Made of stainless steel, making it suitable for special corrosion protection requirements.

Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	Stainless Steel A4
Corrosion protection class	CRC II – III (C4 – C5 acc. to DIN EN ISO 12944-2)

Forces

Type	-V{Z,perm.}
GST M16 1M DIN 976 A4-70	33.80 kN
GST M16 2M DIN 976 A4-70	33.80 kN

Cross-section values 1

Type	Elastic modulus Wy	Second moment of area Iy
GST M 8 1M DIN 976 A4-70	0.05 cm³	0.02 cm^4
GST M 8 3M DIN 976 A4-70	0.05 cm³	0.02 cm^4
GST M10 1M DIN 976 A4-70	0.07 cm³	0.03 cm^4
GST M12 1M DIN 976 A4-70	0.12 cm³	0.07 cm^4
GST M16 1M DIN 976 A4-70	0.29 cm³	0.21 cm^4
GST M16 2M DIN 976 A4-70	0.29 cm³	0.21 cm^4

Types

Type	L	Weight	Quantity	Part number
GST M 8 1M DIN 976 A4-70	1000 mm	0.313 kg/m	1 m	104854
GST M 8 3M DIN 976 A4-70	3000 mm	0.313 kg/m	3 m	172253
GST M10 1M DIN 976 A4-70	1000 mm	0.496 kg/m	1 m	104863
GST M12 1M DIN 976 A4-70	1000 mm	0.714 kg/m	1 m	104872
GST M16 1M DIN 976 A4-70	1000 mm	1.321 kg/m	1 m	104881
GST M16 2M DIN 976 A4-70	2000 mm	1.321 kg/m	2 m	171947

Certification