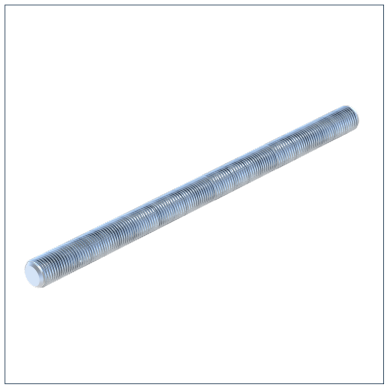
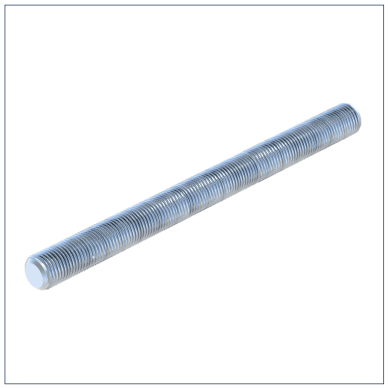
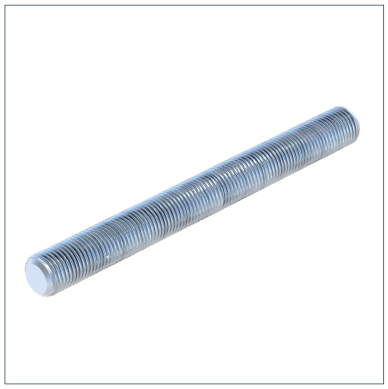
Threaded Rod GST DIN 976 4.8 HCP







General Information

The threaded rod according to DIN 976, HCP coated, 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. The HCP version is suitable for special corrosion protection requirements.

Material Properties

Halogen-free	0
UV-resistant	0

Material

Primary element material	steel
Surface finish	HCP
Corrosion protection class	C4

Forces

Type	-V{Z,perm.}
GST M10 1M DIN 976 4.8 HCP	12.50 kN
GST M10 2M DIN 976 4.8 HCP	12.50 kN
GST M10 3M DIN 976 4.8 HCP	12.50 kN
GST M12 1M DIN 976 4.8 HCP	18.10 kN
GST M12 2M DIN 976 4.8 HCP	18.10 kN
GST M12 3M DIN 976 4.8 HCP	18.10 kN
GST M16 1M DIN 976 4.8 HCP	33.80 kN
GST M16 2M DIN 976 4.8 HCP	33.80 kN
GST M16 3M DIN 976 4.8 HCP	33.80 kN

Cross-section values 1

Type	Elastic modulus Wy	Second moment of area Iy
GST M10 1M DIN 976 4.8 HCP	0.07 cm³	0.03 cm^4
GST M10 2M DIN 976 4.8 HCP	0.07 cm³	0.03 cm^4
GST M10 3M DIN 976 4.8 HCP	0.07 cm³	0.03 cm^4
GST M12 1M DIN 976 4.8 HCP	0.12 cm³	0.07 cm^4
GST M12 2M DIN 976 4.8 HCP	0.12 cm³	0.07 cm^4
GST M12 3M DIN 976 4.8 HCP	0.12 cm³	0.07 cm^4
GST M16 1M DIN 976 4.8 HCP	0.29 cm³	0.21 cm^4
GST M16 2M DIN 976 4.8 HCP	0.29 cm³	0.21 cm^4

Threaded Rod GST DIN 976 4.8 HCP

Type	Elastic modulus Wy	Second moment of area Iy
GST M16 3M DIN 976 4.8 HCP	0.29 cm³	0.21 cm^4

Types

Type	L	Weight	Quantity	Part number
GST M10 1M DIN 976 4.8 HCP	1000 mm	0.489 kg/m	25 m	114842
GST M10 2M DIN 976 4.8 HCP	2000 mm	0.490 kg/m	50 m	114112
GST M10 3M DIN 976 4.8 HCP	3000 mm	0.490 kg/m	30 m	116569
GST M12 1M DIN 976 4.8 HCP	1000 mm	0.701 kg/m	25 m	114843
GST M12 2M DIN 976 4.8 HCP	2000 mm	0.702 kg/m	20 m	114113
GST M12 3M DIN 976 4.8 HCP	3000 mm	0.702 kg/m	3 m	116570
GST M16 1M DIN 976 4.8 HCP	1000 mm	1.300 kg/m	10 m	114844
GST M16 2M DIN 976 4.8 HCP	2000 mm	1.300 kg/m	20 m	116572
GST M16 3M DIN 976 4.8 HCP	3000 mm	1.300 kg/m	15 m	116571

Certification

Documents

Loads – Threaded Stud GST