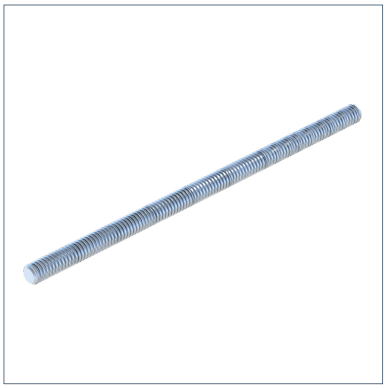
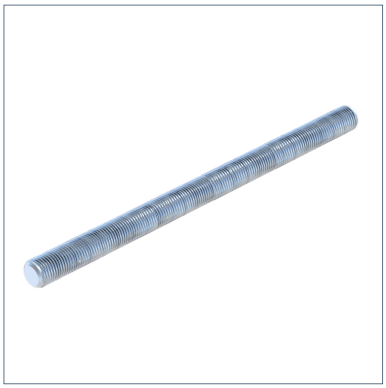
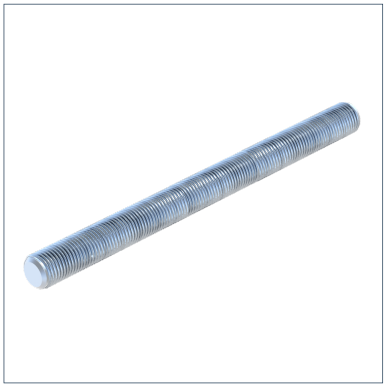
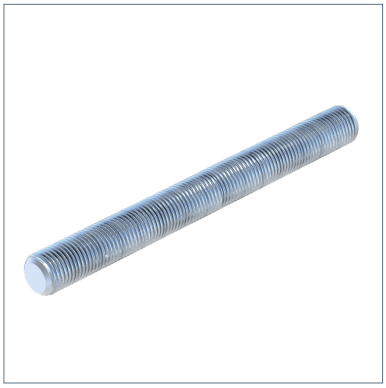
# Threaded Rod GST DIN 976 A4









## 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