Threaded Rods and Studs

METRIC

Metric Steel Medium Strength Threaded Rods—Class 4.6

These Class 4.6 steel threaded rods are the most common metric threaded rods.

Metric High/Very-High-Strength Steel Threaded Rods—Class 10.9-12.9

Class 10.9 steel threaded rods are about 25% stronger than medium-strength steel rods & Class 12.9 rods are about 20% stronger than Class 10.9 threaded rods and are for use in heavy machinery.

Metric Medium-Strength Steel Threaded Rods—Class 8.8

An economical alternative to Grade B7 and Grade B16 threaded rods, these metric Class 8.8 rods are suitable for fastening most machinery and equipment.

Metric Medium-Strength Steel Threaded Rods—Grade B7

These metric Grade B7 threaded rods meet the pressure and temperature requirements of ASTM A193 and are often used to secure pressure tanks, valves, and flanges.

Metric A2 (18-8) Stainless Steel Threaded Rods

Available in metric sizes, these A2 (18-8) stainless steel threaded rods have good chemical resistance.

Metric Super-Corrosion-Resistant A4 (316) Stainless Steel Threaded Rods

These metric A4 (316) stainless steel threaded rods are more corrosion resistant than 18-8 and 410 stainless steel threaded rods and have excellent resistance to chemicals and salt water.

INCH / METRIC

Low-Strength Steel Threaded Rods

About half the strength of medium-strength steel threaded rods, use these for light duty hanging, mounting, and fastening.

Medium-Strength Steel Threaded Rods—Grade B7

These Grade B7 threaded rods meet the pressure and temperature requirements of ASTM A193 and are often used to secure pressure tanks, valves, and flanges.

Medium-Strength Steel Threaded Rods—Grade B16

Grade B16 threaded rods maintain their strength at higher temperatures than Grade B7 threaded rods. They meet the pressure and temperature requirements of ASTM A193 and are often used to secure pressure tanks, valves, and flanges.

18-8 Stainless Steel Threaded Rods

18-8 stainless steel threaded rods have good chemical resistance.

18-8 Stainless Steel Threaded Rods—Grade B8

Grade B8 threaded rods meet the pressure and temperature requirements of ASTM A193 and are often used to secure pressure tanks, valves, and flanges. They have good chemical resistance.

High-Strength 410 Stainless Steel Threaded Rods—Grade B6

Stronger and more wear resistant than 18-8 stainless steel, these threaded rods are mildly chemical resistant. They meet the pressure and temperature requirements of ASTM A193 and are often used to secure pressure tanks, valves, and flanges.

Super-Corrosion-Resistant 316 Stainless Steel Threaded Rods

More corrosion resistant than 18-8 and 410 stainless steel threaded rods, these 316 stainless steel rods have excellent resistance to chemicals and salt water.

Super-Corrosion-Resistant 316 Stainless Steel Threaded Rods—Grade B8M

Grade B8M threaded rods meet the pressure and temperature requirements of ASTM A193 and are often used to secure pressure tanks, valves, and flanges.

Hardened Super-Corrosion-Resistant 316 Stainless Steel Threaded Rods—Grade B8M

These hardened 316 stainless steel threaded rods are 40% stronger than standard Grade B8M threaded rods. They meet the pressure and temperature requirements of ASTM A193 and are often used to secure pressure tanks, valves, and flanges.

Aluminum Threaded Rods

One-third the weight of steel, aluminum threaded rods resist corrosion in wet environments.

Nylon Threaded Rods

Made from nylon 6/6, these threaded rods resist oil, grease, and solvents. They’re nonconductive, making them good for use around sensitive electrical components.

Fiberglass Threaded Rods

Fiberglass threaded rods are stronger than nylon threaded rods. They resist acids, solvents, salt water, and oil.

High-Temperature Chemical-Resistant PTFE Threaded Rods

PTFE threaded rods withstand temperatures up to 250° F and resist oil, grease, detergents, and most mineral acids. They're the lowest friction plastic threaded rods we offer, so they thread on smoothly.

Brass Threaded Rods

Brass threaded rods are corrosion resistant in wet environments, electrically conductive, and nonmagnetic.

Bronze Threaded Rods

Bronze threaded rods are stronger and more resistant to salt water than brass rods.

Titanium Threaded Rods

Titanium threaded rods have a high strength-to-weight ratio and are resistant to acids and salt water.

Nickel Alloy Threaded Rods

Commonly used in valves, pumps, and shafts, these 400 nickel threaded rods resist salt water and caustic chemicals.