

A4 / 316 Stainless Steel Threaded Rod

Marine Grade A4 (316) | Metric Coarse Thread | DIN 976 | M6–M24 | 1m–3m | Internal & External Use

Direct Channel A4 / 316 Stainless Steel Threaded Rod is fully threaded bar (studding) manufactured to DIN 976 metric coarse thread. Produced from marine-grade A4 (316) stainless steel, it delivers excellent corrosion resistance for demanding internal and external environments — including marine, coastal, swimming pool and chemical applications where zinc-plated or galvanised steel would corrode.

Used for high-strength fastening, suspension and bracket assembly across mechanical, electrical, HVAC and structural installations. Fully compatible with Direct Channel stainless nuts, washers, brackets and Unistrut-type channel. Supplied in 1m, 2m and 3m lengths across M6 to M24; sold individually.

SPECIFICATION	
Product Type	Fully threaded rod / studding
Material	A4 (316) stainless steel
Grade	Property class A4-70
Thread	Metric coarse — ISO 60°
Standard	DIN 976
Thread Sizes	M6, M8, M10, M12, M16, M20, M24
Lengths	1m, 2m, 3m (1000 / 2000 / 3000mm)
Tensile Strength	≥ 700 N/mm ² (A4-70)
Yield Strength	≥ 450 N/mm ² (A4-70)
Finish	Self-colour stainless (marine grade)
Use	Internal & external / marine
Supply	Sold individually

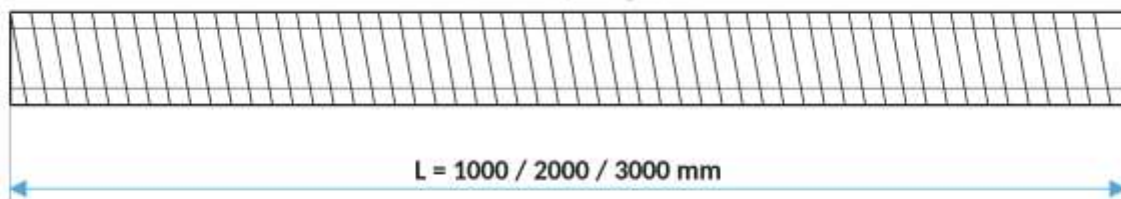
KEY FEATURES

- Marine-grade A4 (316) stainless — superior corrosion resistance
- Fully threaded along the entire length (studding)
- Metric coarse thread to DIN 976 — ISO 60° profile
- Property class A4-70 — ≥ 700 N/mm² tensile strength
- Seven thread sizes: M6, M8, M10, M12, M16, M20, M24
- Three lengths: 1m, 2m and 3m
- Ideal for marine, coastal, pool & chemical environments
- Compatible with stainless nuts, washers, brackets & channel

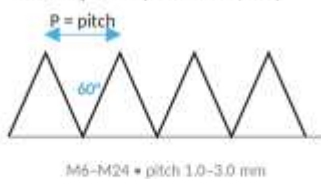
TECHNICAL DRAWING

FULLY THREADED ROD (STUDDING)

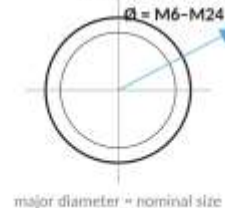
Metric coarse thread, full length • DIN 976



Thread profile (ISO metric, 60°)



End view



Fully threaded rod (studding) — representative diagram, not to scale.

AVAILABLE SIZES — FULL PRODUCT RANGE

Thread Size	Pitch (mm)	1.0 m Code	2.0 m Code	3.0 m Code	Material / Standard
M6	1.00	TR1-6A4	TR2-6A4	TR3-6A4	A4 (316) · DIN 976
M8	1.25	TR1-8A4	TR2-8A4	TR3-8A4	A4 (316) · DIN 976
M10	1.50	TR1-10A4	TR2-10A4	TR3-10A4	A4 (316) · DIN 976
M12	1.75	TR1-12A4	TR2-12A4	TR3-12A4	A4 (316) · DIN 976
M16	2.00	TR1-16A4	TR2-16A4	TR3-16A4	A4 (316) · DIN 976
M20	2.50	TR1-20A4	TR2-20A4	TR3-20A4	A4 (316) · DIN 976
M24	3.00	TR1-24A4	TR2-24A4	TR3-24A4	A4 (316) · DIN 976

All sizes supplied to DIN 976 metric coarse thread in marine-grade A4 (316) stainless steel. Cut studs and other lengths available on request — contact our sales team.

TYPICAL APPLICATIONS

Threaded-rod suspension for pipework, trapeze and cable containment Marine, dockside and coastal structures Swimming pool, water-treatment and chemical plant	HVAC and M&E plant support in exposed areas Food-processing and hygiene-critical installations General external and high-corrosion fixing
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To Order: Visit directchannel.uk.com or call **0121 270 8507** | Trade & bulk enquiries: sales@directchannel.uk.com | Most orders dispatched same or next working day.

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