

SHEFFIELD™ ACME STUD STOCK Roll Threaded Bar

Sheffield Acme Stud Stock is manufactured using the “thread rolling” process. This process hardens the thread, resulting in higher physical properties and a greater resistance to stretching (creep). It also eliminates the tooling marks that weaken machined threads.

Advantage of Thread Rolling

Thread rolling deforms the blank material as it is forced along the contour of the die. The worked material is strain hardened, resulting in a product stronger and harder with a defined grain structure. Cut threads encourage fatigue related failure, rolled threads do not.

Sheffield Acme Stud Stock should be considered as a suitable upgrade where maintenance applications require improved strength and durability. In high torque and high stress applications, **Sheffield Acme Stud Stock** significantly exceeds the expected service life of other threaded products.

Improved Finish

Sheffield Acme Stud Stock bars have smoother threads. Surface imperfections encourage failure in severe service applications. Thread rolling dies impart smooth burnished roots and flanks to threads. Rolled threads are free from the tears and tool marks typically found in cut threads.

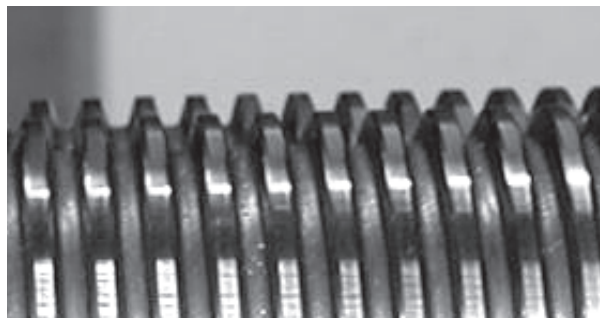
We will cut bars in half to facilitate shipping, at no additional charge.

Sheffield Acme Stud Stock conforms to specifications for: **ASTM A193, Grade B7 with a 29° standard pitch.**

Field Proven Applications

- Anchor Bolts
- Tie Rods
- Lag Bolts
- Post Screws
- Jack Screws

Past Protected Trade Name Of Pyramid Steel Company – Maintenal™ Acme Threaded Rod



Largest Selection of Acme Roll Threaded Bars In-Stock In North America

Typical Physical Properties*

Hardness.....	321 BHN
Tensile Strength.....	156,000 P.S.I.
Yield Strength.....	134,000 P.S.I.
*Based on 1/2" Diameter Specimen	

Available Sizes

Diameter	Thread Pitch	Alternate Pitch
3/8"	12	-
1/2"	10	-
5/8"	8	6
3/4"	6	8
7/8"	6	-
1"	5	4, 6, 8
1-1/4"	5	4
1-1/2"	4	5
1-3/4"	4	5
2"	4	-
2-1/2"	4	-

Stock Lengths

10 / 12 Ft Random Lengths
Custom Lengths Available