Durelloy™

THREADED BAR

Color Code:
RED

Durelloy Threaded Bar is a precision rolled thread onto a heat treated alloy conforming to ASTM A 193-B-7 specifications. Durelloy Threaded Bar is delivered in a Brinell hardness of 280–300 for greater thread strength and wear resistance. The rolled threads guarantee strength and perfect fit for shock-resistant applications subject to high pressure, high temperatures, and repetitive tortional stresses.

Applications

- Studs
- Anchor bolts
- High compression bolts
- Adjustment bolts
- Pressure vessels
- Stud pullers
- Machine anchors
- Positioning rods

Features And Advantages

- Immediate usage, no machining required
- High tensile strength
- Precision rolled threads
- Heat treated to assure long, useful life
- All bars stocked in 12-foot lengths
- Conforms to ASTM specifications
- Eliminates multiple stocking

Types

- Unified Course
- SAE National Fine
- Unified 8 Thread
- Metric
- Acme
- Left Hand
- ASTM A320 L7

Typical Mechanical Properties

	Durelloy B-7	Durelloy B-16	Dura-Krome Stainless
Tensile strength psi minimum	150,000	166,000	100,000
Yield point psi minimum	132,000	150,000	40,000
Elongation in 2"	17%	18%	55%
Reduction of area	50%	55%	60%
Rockwell C hardness	28/30	26/34	20

Available Sizes For Immediate Shipment

Stock Sizes / Class 2 Fit (B–7)

Dia.	USS (Std.) Th/In.	SAE (Fine) Th/In.	8 Thd.	Dia.	USS (Std.) Th/In.	SAE (Fine) Th/In.	8 Thd.
1/4	20	28		1-1/4	7	12	8
5/16	18	24		1-3/8	6	12	8
3/8	16	24		1-1/2	6	12	8
7/16	14	20		1-5/8	5-1/2	12	8
1/2	13	20		1-3/4	5	12	8
9/16	12	18		1-7/8	5	12	8
5/8	11	18		2	4-1/2	12	8
3/4	10	16		2-1/4	4-1/2		8
7/8	9	14		2-1/2	4		8
1	8	14	8	2-3/4	4		8
1-1/8	7	12	8	3	4		8

Stock Sizes / Class 2 Fit (B–16)

Dia.	USS (Std.) Th/In.	SAE (Fine) Th/In.	Dia.	USS (Std.) Th/In.	SAE (Fine) Th/In.	8 Thd.
1/4	20	28	1	8	14	8
5/16	18	24	1-1/8	7	12	8
3/8	16	24	1-1/4	7	12	8
7/16	14	20	1-3/8	6	12	8
1/2	13	20	1-1/2	6	12	8
5/8	11	18				
3/4	10	16				
7/8	9	14				

Lengths: 12′ R/L. Over 3" thru 7" by special order.