

THREADED ROD
GRADE 2 BSW



PLAIN

APPLICATION

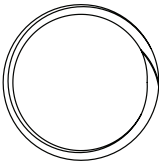
Bremick® Threaded Rod BSW Grade 2 is designed for industrial and construction applications where moderate tensile performance is required

PRODUCT ATTRIBUTES

Material Class:	Carbon Steel Grade 2
Thread Form:	Free Class
Finish:	Plain/Black/Natural
Standard:	Complies to IFI-136:2002
Mechanical Properties:	Complies to AS/NZS 2451:1998
Chemical Composition:	Complies to AS/NZS 2451:1998

MARKING

End View



Some rods exist without permanent marking

MECHANICAL PROPERTIES (Full-Size Tests)

PROPERTIES	TENSILE STRENGTH (tonf/in²)	LOWER YIELD STRESS (tonf/in²)	HARDNESS					
			VICKERS (HV)		BRINELL (HB)		ROCKWELL (HRB)	
			MIN	MAX	MIN	MAX	MIN	MAX
GRADE 2	28	16	150	230	141	241	70	100

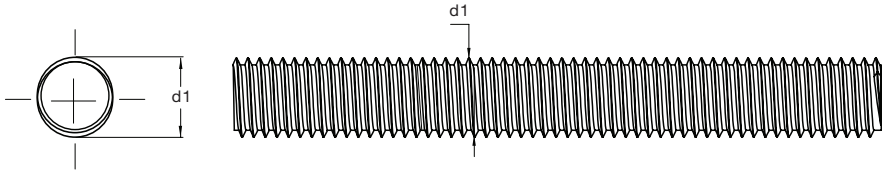
CHEMICAL COMPOSITION (%)

MATERIAL	C	P	S
	MAX	MAX	MAX
CARBON STEEL	0.55	0.05	0.06

FINISH INFORMATION

PLAIN / BLACK / NATURAL		
DESCRIPTION	OVERVIEW	CORROSION RESISTANCE
Plain, Black & Natural are all terms referring to the fastener not having a coating applied. The product has a light oil added.	Plain or uncoated fasteners offer no corrosion protection they are supplied lightly oiled to inhibit the rust process prior to installation and help during installation.	—

DIMENSIONAL DATA (inches)



DIAMETER (inches)	TPI	MAJOR DIAMETER (d1)	
	BSW	MIN	MAX
1/4	20	0.2452	0.2500
5/16	18	0.3073	0.3125
3/8	16	0.3695	0.3750
7/16	14	0.4316	0.4375
1/2	12	0.4976	0.5000
9/16	12	0.5560	0.5625
5/8	11	0.6183	0.6250
3/4	10	0.7428	0.7500
7/8	9	0.8664	0.8750
1	8	0.9920	1.0000
1 1/8	7	1.1130	1.1250
1 1/4	7	1.2394	1.2500
1 1/2	6	1.4894	1.5000

LENGTH (inches)

DIAMETER (Inches)	NOM.	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2
36 (3 ft)	MIN	35.94				35.88					35.81			35.75
	MAX	36.06				36.12					36.19			36.25
144 (12 ft)	MIN	143.94				143.88					143.81			143.75
	MAX	144.06				144.12					144.19			144.25

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