

CUP HEAD BOLT GRADE 2 BSW



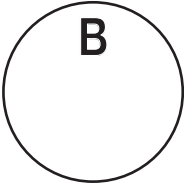
APPLICATION

Bremick® Cup head bolts have a square neck design which prevents the bolt from spinning when tightened. Primarily used in timber applications where a smooth domed head is preferred.

PRODUCT ATTRIBUTES

Material Class:	Carbon Steel Grade 2
Thread Form:	Free Fit
Finish:	Zinc Plated
Standard:	Complies to AS B108:1952
Mechanical Properties:	Complies to AS B108:1952
Chemical Composition:	Complies to AS B108:1952

HEAD MARKING



In some cases, the Bremick head mark will be replaced by the mark of the original manufacturer

MECHANICAL PROPERTIES

PROPERTIES	Ultimate Tensile Strength (tons per in²)	
	MIN	
GRADE 2	26	

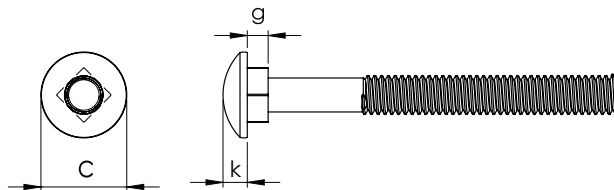
CHEMICAL COMPOSITION (%)

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

FINISH INFORMATION

ZINC PLATED		
DESCRIPTION	OVERVIEW	CORROSION RESISTANCE
Zinc Plating is a process of depositing a thin layer of zinc onto the surface of a steel object through electroplating. The steel object is then passivated with a transparent conversion layer.	Bremick® Zinc Plated Coating provides a low level of corrosion protection and is recommended for dry internal application. Bremick® Zinc Plating complies with AS1789.	Low.

DIMENSIONAL DATA (inches)



DIAMETER (inches)	TPI	HEAD DIAMETER (c)	HEAD HEIGHT (k)	DEPTH OF SQUARE NECK (g)
	BSW	NOM	NOM	NOM
1/4	20	0.562	0.125	0.188
5/16	18	0.703	0.156	0.234
3/8	16	0.844	0.188	0.281
7/16	14	0.984	0.250	0.328
1/2	12	1.125	0.281	0.375
5/8	11	1.406	0.375	0.469
3/4	10	1.688	0.438	0.562
7/8	9	1.969	0.500	0.656
1	8	2.250	0.562	0.750

THREAD LENGTH (inches)

BOLT LENGTH	THREAD LENGTH			
NOMINAL	1/4	5/16	3/8	1/2
3/4"	ALL SIZES ABOVE THE STEPPED LINE ARE FULLY THREADED			
1"				
1 1/4"				
1 1/2"				
1 3/4"				
2"				
2 1/2"	2"	2"	2"	2"
3"	2"	2"	2"	2"
3 1/2"	2"	2"	2"	2"
4"	2"	2"	2"	2"
4 1/2"	3"	3"	3"	3"
5"	3 1/2"	3 1/2"	3 1/2"	3 1/2"
5 1/2"	4"	4"	4"	4"
6"	4"	4"	4"	4"
6 1/2"	4"	4"	4"	4"
7"	4"	4"	4"	4"
8"	4"	4"	4"	4"
9"	6"	6"	6"	6"
10"	6"	6"	6"	6"
11"	6"	6"	6"	6"
12"	6"	6"	6"	6"

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