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# HEX CAP SCREWS SILICON BRONZE 651 BRONZE ALLOY

**TENSILE:** 70,000 - 80,000 PSI

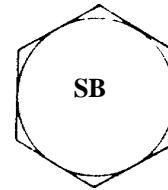
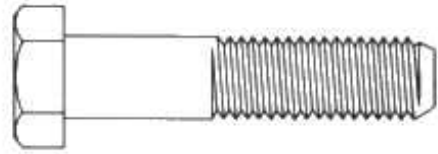
**YIELD:** 35,000 - 45,000 PSI

**HARDNESS:** B70 - B75

**PROOF LOAD STRESS:** 50 PSI MIN

**SPECIAL CHARACTERISTICS:** AN ALLOY MADE OF 95% - 98% COPPER PLUS SMALL AMOUNTS OF SILICON, MANGANESE + ALUMINUM ADDED FOR STRENGTH. SILICON BRONZE IS NON-MAGNETIC WITH A HIGH DEGREE OF THERMAL CONDUCTIVITY AND HIGH CORROSION RESISTANCE AGAINST SEA WATER GASSES AND SEWAGE. IT IS ONLY A LOW TO MODERATE CONDUCTOR OF ELECTRICITY, THOUGH IT IS A BETTER CONDUCTOR THAN STAINLESS.

HEAD AND BODY DIMENSIONS TO ANSI B18.2.1  
 THREAD DIMENSIONS TO CLASS 2A FIT, ANSI B1.1



<b>DIAMETER</b>	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1
<b>MAX. ACROSS FLATS</b>	7/16	1/2	9/16	5/8	3/4	13/16	15/16	1 1/8	1 5/16	1 1/2
<b>HEAD HEIGHT</b>	5/32	13/64	15/64	9/32	5/16	23/64	25/64	15/32	35/64	19/64

### SUBMITTAL INFORMATION

CUSTOMER:		APPROVAL STAMP
PROJECT NAME:		
PROJECT NUMBER:	SECTION:	
PARAGRAPH:	OTHER:	

REV: A

2008