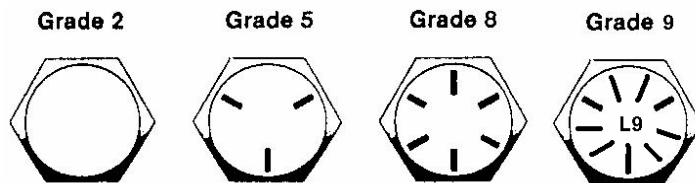


Product Identification

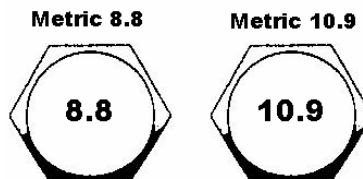
Hex Cap Screws

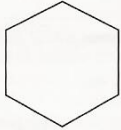
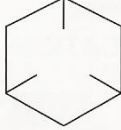
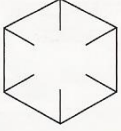

Grade markings for Hex Cap Screws grades 2, 5, & 8 are based on SAE J429. Markings may be raised or depressed (Manufacturer's option).

- Gr. 2 – no marking
- Gr. 5 – 3 radial lines
- Gr. 8 – 6 radial lines
- Gr. 9 – 9 radial lines



Metric Hex Cap Screws are marked with the grade on the head



HEAD MARKING	SPECIFICATION	MATERIAL	BOLT SIZE (inches)	PROOF LOAD P.S.I.	TENSILE STRENGTH P.S.I.	HARDNESS	
						BRINELL	ROCKWELL
	S.A.E. GRADE 2	Low Carbon Steel	1/4" thru 3/4"	55,000	74,000 min.	149/241	B80/100
			over 3/4"	33,000	60,000 min.	121/241	B70/100
	S.A.E. GRADE 5	Medium Carbon Steel Quenched and Tempered	1/4" thru 1"	85,000	120,000 min.	255/321	25/34-C
			over 1"	74,000	105,000 min.	223/285	19/30-C
	S.A.E. GRADE 8	Alloy Steel Quenched and Tempered	1/4" thru 1 1/2"	120,000	150,000 min.	311/363	33/39-C
	L⁹	Alloy Steel Quenched and Tempered	1/4" thru 1 1/2"	145,000	180,000 min.	362/410	38/42-C

L⁹ is a registered trademark of Brighton Best Socket Screw Mfg., Inc.

