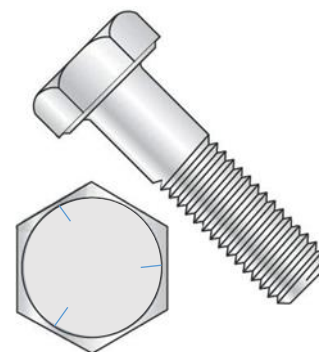




HEX BOLT SAE J429 GRADE 5

Import & Domestic Material

Mechanical Properties



Nominal Size	Rockwell Hardness	Proof Load Strength	Tensile Strength Minimum
1/4" thru 1"	C25 to C34	85,000 psi	120,000 psi
Over 1" thru 1-1/2"	C19 to C30	74,000 psi	105,000 psi

Properties	Zinc Clear	Zinc Yellow	Hot Dip Galvanized (HDG)
TYPE	<i>Trivalent (Cr+3)</i>	<i>Hexavalent (Cr+6)</i>	<i>RoHS Compliant</i>
Color	Clear	Yellow	
Minimum Coating Thickness	0.0001" / 3 Microns or 0.0002" / Microns	0.0001" / 3 Microns or 0.0002" / Microns	Coating thickness for sizes 3/8" & under: 0.0017" (43 microns) and for sizes over 3/8": 0.0020" (50 microns)
Specification	ASTM F1941 / F1941M. Fe/Zn 3AN or Fe/Zn 5AN	ASTM F1941 / F1941M. Fe/Zn 3C or Fe/Zn 5C	ASTM F2329/F2329M or ASTM A153/A153M.

Notes:

Mechanical properties for size above 1-1/2" derived from SAE J429 or ASTM A354 appropriate grades. The screws will also have manufacturer's marking on the head in addition to the grade marking as mentioned in the table.

