

QUALITY from the TOP DOWN

Fastener Assemblies for all High Strength Applications



BOWMALLOY

- Exceeds SAE J429 Grade 8
- 180,000 PSI Min. - 200,000 PSI Max. Tensile Strength
- Unichrome Plating
- 20% Higher Head than Standard Hex Head Cap Screws
- Made in the U.S.A.



KAR-TITE GRADE 8

- Meets SAE J429 Grade 8 and ASTM A354-BD
- 150,000 PSI Tensile Strength
- Unichrome Plating
- 20% Higher Head than Standard Hex Head Cap Screws
- Made in the U.S.A.



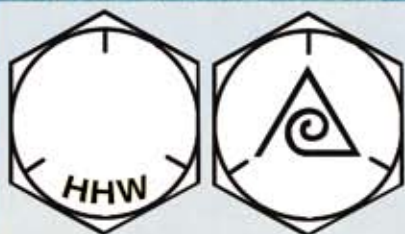
BOWMA-TORQ/GRADE 8

- Meets SAE J429 Grade 8 and ASTM A354-BD
- 150,000 PSI Tensile Strength
- Gold Unichrome Plating



STANDARD GRADE 8

- Meets SAE J429 Grade 8 and ASTM A354-BD
- 150,000 PSI Tensile Strength
- Gold Unichrome Plating
- Made in the U.S.A.



GLOBAL SOURCE GRADE 5 and BD GRADE 5

- Meets SAE J429 Grade 5
- 120,000 PSI Tensile Strength
- Unichrome Plating






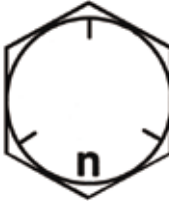


STANDARD GRADE 5

- Meets SAE J429 Grade 5
- 120,000 PSI Tensile Strength
- Unichrome Plating
- Made in the U.S.A.



Cap Screw Head Marking Chart

Grade Marking	Specification	Material	Nominal Size Dia. (In.)	Proof Load psi (PSI)	Tensile Strength Min. psi (PSI)	Cap Screw Rockwell Hardness Min./Max.
	Bowmalloy®	Proprietary medium carbon alloy steel, quenched & tempered	1/4 through 1-1/2	156,000	180,000 Min. 200,000 Max.	C38 / C42
	KAR-TITE/ Grade 8 ASTM A354-BD SAE J429	Medium carbon alloy steel, quenched & tempered	1/4 through 1-1/2	120,000	150,000	C33 / C39
	Bowma-Torq® SAE J429 Grade 8	Medium carbon alloy steel, quenched & tempered	1/4 through 1-1/2	120,000	150,000	C33 / C39
	SAE J429 Grade 8 ASTM A354-BD	Medium carbon alloy steel, quenched & tempered	1/4 through 1-1/2	120,000	150,000	C33 / C39
	ASTM A449 Type 1, SAE J429 Grade 5	Medium carbon steel, quenched & tempered	1/4 through 1-1/8 through 1-1/2	85,000 74,000	120,000 105,000	C25 / C34 C19 / C30
	ASTM A449 Type 1, SAE J429 Grade 5	Medium carbon steel, quenched & tempered	1/4 through 1-1/8 through 1-1/2	85,000 74,000	120,000 105,000	C25 / C34 C19 / C30

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