

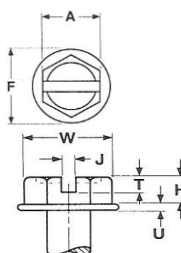
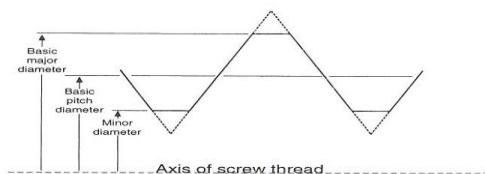
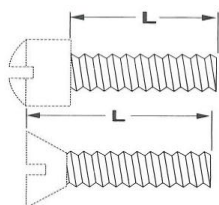


Atlanta, Georgia

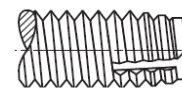
Phone 800-521-7326

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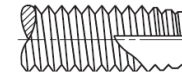
Hex Washer Head Machine Screw Thread Cutting - Green Grounding Screw



Type 1



Type 23



Type F



Size and Threads Per Inch	Series Designation	Allowance	Major Diameter		Pitch Diameter			Tensile Strength, lb. Min**	Stress Area Inches ²	A	W	H		F		U		J		T		Thread Cutting			Phillips Bit Size				
			Min	Max	Min	Max	Tolerance			Width Across Flats	Width Across Corners	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Drill		Hole	Gage	Min	Max
			Min	Max	Min	Max	Tolerance			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min		Max	Min	Max	
10-32	0.190	UNF	.0009	.1831	.1891	.1658	.1688	.0030	1200	0.0200	.305	.312	.340	.105	.120	.384	.141	.019	.031	.050	.060	.057	.080	16	0.1770	1/8	.1845	.1905	2
Tolerance on Length L		Screw Size	Up To 1/2"						Over 1/2" to 1"						Over 1" to 2"						Over 2"								
			-0.02						-0.03						-0.06						-0.09								
			4 - 12						-0.03						-0.06						-0.09								
			1/4 - 3/4						-0.03						-0.06						-0.09								

**Tensile strength is based off of 60,000 psi. and only apply to carbon steel screws. Hex and Hex Washer Head machine screws of adequate length may be wedge tensile tested. Other head styles can be axial tensile tested.

ANSI B18.6.3

Material	AISI 1006 - 1022 or equivalent Steel or Stainless SAE 18-8 and 316 Stainless Steel Passivated
Hardness	Steel: Rockwell B70 - B100 - Stainless: Rockwell B85 - B95
Tensile Strength	Size 4 and 5 diameter and lengths shorter than 1/2" are not subject to tensile testing. Steel: 60,000 psi. minimum - Stainless: 80,000 psi minimum

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