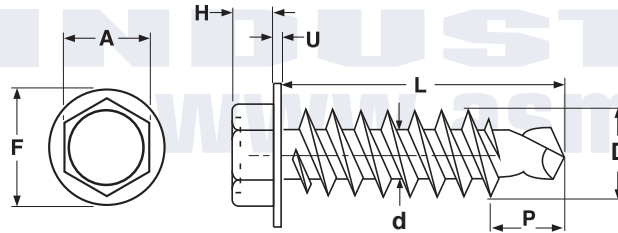


# SELF- TAPPING SCREWS

## SELF-DRILLING 1/4" Diameter w/#12 Hex Washer Hd, SPACED Thread



Type BSD

1/4" NOMINAL DIAMETER SELF-DRILLING SCREW W/ #12 HEAD, TYPE BSD														*SAE J78-1998	
Nominal Size or Basic Screw Diameter	Threads Per Inch	D		d		P	A		F		H		U		
		Major Diameter		Minor Diameter		Protrusion Allowance	Width Across Flats		Washer Diameter		Head Height		Washer Thickness		
		Max	Min	Max	Min	#3 Pt.	Max	Min	Max	Min	Max	Min	Max	Min	
1/4	.2500	14	.246	.240	.192	.185	.393	.312	.305	.432	.398	.155	.139	.039	.022

<b>Description</b>	An integrally formed hex washer head screw. The head is approximately 15 - 20% smaller than the standard head for the 1/4" diameter. Thread design is spaced (like a type-BSD drill screw).
<b>Applications/ Advantages</b>	Used to attach plywood, soft wood or metal to metal. The undersized head is preferred in applications with limited clearance, or when installers want to minimize the number of tools used on a job.
<b>Material</b>	AISI 1016 - 1024 or equivalent steel
<b>Heat Treatment</b>	Fasteners are heat treated in a carbonitriding or gas-carburizing system at a minimum temperature of 625°F, or in a cyaniding system (with consent of the buyer) at a minimum temperature of 450°F.
<b>Case Hardness</b>	Rockwell C 52 - 58
<b>Case Depth</b>	1/4" Diameter & larger: .005 - .011
<b>Core Hardness</b>	Rockwell C32 - 40
<b>Minimum Torsional Strength for ZINC-plated screws</b>	92 lb.-in.
<b>Plating</b>	Hex washer self-drilling screws are usually supplied with a clear zinc finish.