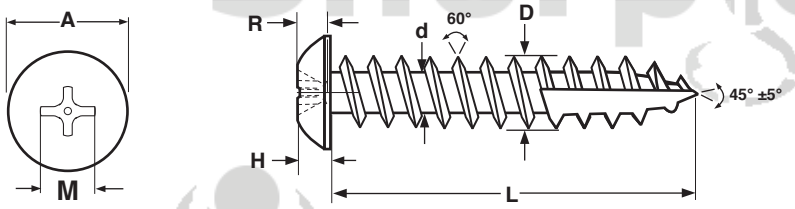
THREAD FORMING

Type A w/Type-17 Point, Truss Phillips



Truss Phillips Self-Tapping Screws Type-A with Ty-17 Point

Nominal Size or Basic Screw Diameter		Threads Per Inch	D		d		A		H		M	R		Driver Size
			Major Diameter		Minor Diameter		Head Diameter		Head Height		Recess Diam.	Recess Penetration Depth		
			Max	Min	Max	Min	Max	Min	Max	Min	Ref	Max	Min	
8	.1640	15	.168	.162	.123	.116	.384	.364	.102	.088	.166	.088	.063	2
14	.2500	10	.254	.248	.185	.178	.557	.530	.146	.129	.257	.126	.101	3
Tolerance on Length			Up to 1 in., Incl.: ± 0.03”						Over 1 in.: ± 0.05”					

Description	A thread forming tapping screw with wide spaced threads, a tapered point with a chip cavity, a head with a low rounded top and a flat bearing surface.
Applications/ Advantages	The Type-A thread pattern enables these parts to be used in metal as well as wood drawers. The #8 diameter sizes are specifically designed for fastening small hinges to the edge of hard woods. The long #14 size is designed for fastening cabinets to either metal or hard wood.
Material	AISI 1016 - 1024 or equivalent steel.
Heat Treatment (Steel only)	Screws shall be quenched in liquid and then tempered by reheating to 650°F minimum.
Surface Hardness	Steel: Rockwell C45 minimum
Case Depth (Steel only)	No. 8 diameter: .004 - .009 No. 14 diameter: .005 - .011
Core Hardness (after tempering)	Rockwell C28 - 38
Plating	See Appendix-A for information on plating of steel screws.