

Nomina			D		d		L		Minimum Torsional
Nominal Size or Basic Screw Diameter		Threads Per Inch	Major Diameter		Minor Diameter		These Lengths or Shorter Have AB Threads		Strength, Ibin. (STEEL SCREWS
			Max	Min	Max	Min	90° Heads	Csk Heads	ONLY)
6	0.1380	18	.141	.136	.102	.096	1/4	5/16	24
7	0.1510	16	.158	.152	.114	.108	5/16	3/8	30
8	0.1640	15	.168	.162	.123	.116	3/8	7/16	39
10	0.1900	12	.194	.188	.133	.126	3/8	1/2	48
12	0.2160	11	.221	.215	.162	.155	7/16	9/16	83
14	0.2420	10	.254	.248	.185	.178	1/2	5/8	125
20	0.3200	9	.333	.327	.234	.226	11/16	13/16	250
24	0.3720	9	.390	.383	.291	.282	3/4	1	492

Description	A thread forming tapping screw with wider spaced threads than a Type-AB and a gimlet point.				
Applications/ Advantages	For self starting in thin (.015050 thick) metal or resin-filled plywood. 18-8 Stainless steel tapping screws may be used in applications which require general atmospheric corrosion resistance. Fastening stainless steel parts to aluminum or steel can cause a type of corrosion known as a galvanic couple in some environments.				
Material	Steel: AISI 1016 - 1024 or equivalent steel. Stainless: Austenitic 18-8 stainless 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. 6 diameter: .002007 No. 8 thru 12 diameter: .004009 1/4" and larger: .005011				
Core Hardness (after tempering)	Steel: Rockwell C28 - 38				
Plating	See Appendix-A for information on plating of steel screws.				