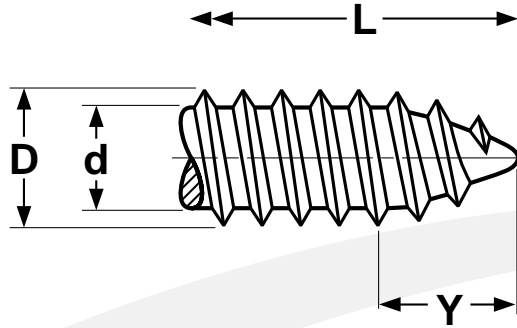


# Self-Tapping Screws

## METRIC

### Gimlet Point (Type C)



METRIC - THREADS FOR SELF TAPPING SCREWS, GIMLET POINT (TYPE C)							ISO 1478, 2702 & 4759-1; JIS B 1007	
Nominal Size	Thread Pitch	D		d		Y	Minimum Torsional Strength (N m)	
		Major Diameter		Minor Diameter		Length of Incomplete Thread		
		Max	Min	Max	Min	Max		
ST2.2	0.8	2.24	2.1	1.63	1.52	2	0.45	
ST2.9	1.1	2.90	2.76	2.18	2.08	2.6	1.5	
ST3.5	1.3	3.53	3.35	2.64	2.51	3.2	2.7	
ST4.2	1.4	4.22	4.04	3.10	2.95	3.7	4.4	
ST4.8	1.6	4.80	4.62	3.58	3.43	4.3	6.3	
ST5.5	1.8	5.46	5.28	4.17	3.99	5	10	
ST6.3	1.8	6.25	6.03	4.88	4.70	6	13.6	
ST8	2.1	8	7.78	6.20	5.99	7.5	30.5	
ST9.5	2.1	9.65	9.43	7.85	7.59	8	-	
<b>Tolerance on Length</b>		Up to 25mm, incl.: ±0.8				Over 25mm: ±1.3		

<b>Description</b>	A thread forming, tapping screw with spaced threads and a tapered, gimlet point.
<b>Applications/ Advantages</b>	For self starting in thin metal or resin-filled plywood.
<b>Material</b>	Cold heading, case hardening quality steel
<b>Surface Hardness</b>	Vickers HV 450 minimum
<b>Case Depth</b>	Diameters 2.2 thru 2.6: 0.04 - 0.10 Diameters 2.9 thru 3.5: 0.05 - 0.18 Diameters 3.9 thru 5.5: 0.10 - 0.23 Diameters 6.3 thru 8: 0.15 - 0.28
<b>Core Hardness</b>	Diameters 2.2 thru 3.9: 270 HV 5 - 390 HV 5 Diameters 4.2 and greater: 270 HV 10 - 390 HV 10
<b>Plating</b>	See Appendix-A for plating information.