

Security Screws - Technical Guide

TECHNICAL

Guide sizes only. For accurate current stock sizes, please contact sales team.

Samples available for approval upon request.

SCREW TYPE	DIMENSIONS	SELF TAPPING SCREW GAUGE					METRIC MACHINE SCREWS						
		No. 6	No. 8	No. 10	No.12	No. 14	M3	M4	M5	M6	M8	M10	M12
		3.5mm	4.2mm	4.8mm	5.5mm	6.3mm							
PIN HEX	BH	6.7	7.4	9.3	9.9	11.0	5.5	7.4	9.3	10.3	13.7	17.4	20.5
	I BH	2.5	2.1	2.6	2.9	3.4	1.7	2.1	2.6	3.2	4.4	5.5	6.5
BUTTON HEAD	CSK	6.6	7.9	9.3	11.7	12.8	5.5	7.8	9.8	11.8	15.7	19.7	23.6
	I CSK	2.1	2.5	3.0	4.8	5.2	1.7	2.3	2.8	3.3	5.2	6.3	7.5
COUNTERSUNK HEAD													

SCREW TYPE	DIMENSIONS	SELF TAPPING SCREW GAUGE					METRIC MACHINE SCREWS						
		No. 4	No. 6	No. 8	No. 10	No.12	No. 14	M3	M4	M5	M6	M8	M10
		2.9mm	3.5mm	4.2mm	4.8mm	5.5mm	6.3mm						
6-LOBE PIN	BH		6.7	7.4	9.3	10.0	11.0	5.5	7.4	9.3	10.3	13.7	17.3
	I BH		2.5	2.1	2.6	3.1	3.4	1.7	2.1	2.6	3.2	4.5	5.5
BUTTON HEAD	CSK	4.8	6.6	7.9	9.3	10.0	13.0	5.9	7.8	9.8	11.8	14.0	
	I CSK	1.8	2.1	2.5	3.0	4.0	4.8	2.0	2.3	2.8	3.3	4.7	
COUNTERSUNK HEAD													

SCREW TYPE	DIMENSIONS	SELF TAPPING SCREW GAUGE					METRIC MACHINE SCREWS						
		No. 4	No. 6	No. 8	No. 10	No.12	No. 14	M3	M4	M5	M6	M8	M10
		2.9mm	3.5mm	4.2mm	4.8mm	5.5mm	6.3mm						
2-HOLE	PH	5.4	6.7	8.0	9.2	10.5	12.2	5.8	7.8	9.8	11.8		
	I PH	1.6	2.0	2.3	2.7	3.2	3.5	1.8	2.4	2.9	3.5		
PAN HEAD	CSK	5.5	6.7	7.9	9.0	10.3	12.2	5.5	7.4	9.0	10.8		
	I CSK	2.0	2.5	2.8	3.6	3.7	4.6	1.6	2.4	2.9	3.5		
COUNTERSUNK HEAD													

Drilling guide



SCREW GAUGE	TAPPING DRILL SIZES FOR AB SELF TAPPING SCREWS										
	Material Thickness										
	.45	.7	.9	1.2	1.6	2.0	2.6	3.2	4.7	6.3	10.0
4	2.00			2.30		2.40	2.60				
6	2.30			2.80		2.90	3.10	3.20			
8			2.90	3.10	3.20	3.40		3.70	3.80		
10			3.40		3.60	3.80		4.10	4.30	4.50	
12			4.10		4.30	4.50		4.80	4.90	5.10	
14					4.80	5.20	5.40		5.70	5.90	6.00

Please Note: this guide only shows sizes without minimum and maximum tolerances.

Insight Security reserve the right to change / alter sizes without prior notice



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