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: PIN HEX		SELF TAPPING SCREW GAUGE					METRIC MACHINE SCREWS						
		No. 6	No. 8	No. 10	No.12	No. 14							
DIMENSIONS		3.5mm	4.2mm	4.8mm	5.5mm	6.3mm	M3	M4	M5	M6	M8	M10	M12
BUTTON HEAD	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
	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
COUNTERSUNK 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
	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

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

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

Drilling guide

TAPPING DRILL SIZES FOR AB SELF TAPPING SCREWS

SCREW GAUGE	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	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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ISO 9000 REGISTERED FIRM