










Different screws with countersunk heads – for calculating the diameter of the countersink



Metric screws	Slotted head		Cross-screw	
	 90° DIN 963 ISO-SS 2009	 90° DIN 964 ISO-SS 2010	 90° DIN 965 ISO-SS 7046	 90° DIN 966 ISO-SS 7047
Thread	Head diam. mm	Head diam. mm	Head diam. mm	Head diam. mm
M 1	1.9	1.9	–	–
M 1.2	2.3	2.3	–	–
M 1.4	2.6	2.6	–	–
M 1.6	3	3	3	3
M 2	3.8	3.8	3.8	3.8
M 2.5	4.7	4.7	4.7	4.7
M 3	5.6	5.6	5.6	5.6
M 3.5	6.5	6.5	6.5	6.5
M 4	7.5	7.5	7.5	7.5
M 5	9.2	9.2	9.2	9.2
M 6	11	11	11	11
M 8	14.5	14.5	14.5	14.5
M 10	18	18	18	18
Thread forming screws ST-thread	Slotted head		Cross-screw	
	 80° DIN 7972 ISO-SS 1482	 80° DIN 7973 ISO-SS 1483	 80° DIN 7982 ISO-SS 7050	 80° DIN 7983 ISO-SS 7051
Thread	Head diam. mm	Head diam. mm	Head diam. mm	Head diam. mm
ST 2.2 (B2)	4.3	4.3	4.3	4.3
ST 2.9 (B4)	5.5	5.5	5.5	5.5
ST 3.5 (B6)	6.8	6.8	6.8	6.8
ST 3.9 (B7)	7.5	7.5	7.5	7.5
ST 4.2 (B8)	8.1	8.1	8.1	8.1
ST 4.8 (B10)	9.5	9.5	9.5	9.5
ST 5.5 (B12)	10.8	10.8	10.8	10.8
ST 6.3 (B14)	12.4	12.4	12.4	12.4
Hex hole screws Metric			Hex hole (Female)	
			 90° DIN 7991	
Thread			Head diam. mm	
M 3			6	
M 4			8	
M 5			10	
M 6			12	
M 8 (8×1)			16	
M 10 (10×1.25)			20	
M 12 (12×1.25)			24	
M 14 (14×1.5)			27	
M 16 (16×1.5)			30	
M 18 (18×2)			33	
M 20 (20×2)			36	
M 22 (22×2)			36	
M 24 (24×2)			39	