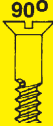













Different wood screws with countersunk heads – for calculating the diameter of the countersink

DIN-standard			Slotted head		Cross head	
						
Diameter	Thread	Screw no	DIN 97	DIN 95	DIN 7997	DIN 7995
1.6 mm	1.1	(No 1)	3.0 mm	3.0 mm	–	–
2.0 mm	1.4	(No 2)	3.8 mm	3.8 mm	3.8 mm	3.8 mm
2.5 mm	1.7	(No 3)	4.7 mm	4.7 mm	4.7 mm	4.7 mm
3.0 mm	2.1	(No 5)	5.6 mm	5.6 mm	5.6 mm	5.6 mm
3.5 mm	2.4	(No 6)	6.5 mm	6.5 mm	6.5 mm	6.5 mm
4.0 mm	2.8	(No 8)	7.5 mm	7.5 mm	7.5 mm	7.5 mm
4.5 mm	3.1	(No 9)	8.3 mm	8.3 mm	8.3 mm	8.3 mm
5.0 mm	3.5	(No 10)	9.2 mm	9.2 mm	9.2 mm	9.2 mm
5.5 mm	3.8	(No 12)	10.2 mm	10.2 mm	10.2 mm	10.2 mm
6.0 mm	4.2	(No 14)	11.0 mm	11.0 mm	11.0 mm	11.0 mm
7.0 mm	4.9	(No 16)	12.5 mm	12.5 mm	12.5 mm	12.5 mm
8.0 mm	5.6	(No 18)	14.5 mm	14.5 mm	14.5 mm	14.5 mm
10.0 mm	7.0	(No 20)	18.0 mm	–	–	–
SMS-standard			Slotted head		Cross-screw	
						
Diameter	Thread	Screw no	SMS 1573	SMS 1574	–	–
2.15 mm	1.5	(No 2)	4.2 mm	4.2 mm	4.2 mm	4.2 mm
2.80 mm	1.9	(No 4)	5.5 mm	5.5 mm	5.5 mm	5.5 mm
3.45 mm	2.4	(No 6)	6.8 mm	6.8 mm	6.8 mm	6.8 mm
4.15 mm	2.8	(No 8)	8.1 mm	8.1 mm	8.1 mm	8.1 mm
4.80 mm	3.3	(No 10)	9.5 mm	9.5 mm	9.5 mm	9.5 mm
5.45 mm	3.7	(No 12)	10.2 mm	10.2 mm	10.2 mm	10.2 mm
6.15 mm	4.2	(No 14)	12.1 mm	12.1 mm	12.1 mm	12.1 mm
6.80 mm	4.6	(No 16)	13.4 mm	13.4 mm	13.4 mm	13.4 mm
7.50 mm	5.1	(No 18)	14.8 mm	14.8 mm	14.8 mm	14.8 mm
8.15 mm	5.5	(No 20)	16.0 mm	16.0 mm	16.0 mm	16.0 mm
Self-drilling			Slotted head		Cross-screw	
						
Diameter	Thread		–	–	–	–
2.5 mm	1.7		5.0 mm	–	–	–
3.0 mm	2.1		5.9 mm	–	5.9 mm	–
3.5 mm	2.4		6.9 mm	–	6.9 mm	–
4.0 mm	2.8		7.9 mm	–	7.9 mm	–
4.5 mm	3.1		8.7 mm	–	8.7 mm	–
5.0 mm	3.5		9.6 mm	–	9.6 mm	–
6.0 mm	4.2		11.5 mm	–	11.5 mm	–