

Wood twist drills No. 303

517

with stepped straight shank, pre-cutter and center point

Drill dia.	Total length	Item No.		Drill dia.	Total length	Item No.	
		HSS	HM			HSS	HM
3 mm	70 mm	517.203	517.303	8 mm	115 mm	517.208	517.308
4 mm	80 mm	517.204	517.304	9 mm	125 mm	517.209	517.309
5 mm	90 mm	517.205	517.305	10 mm	130 mm	517.210	517.310
6 mm	100 mm	517.206	517.306	11 mm	140 mm	517.211	517.311
7 mm	110 mm	517.207	517.307	12 mm	140 mm	517.212	517.312
				13 mm	175 mm	517.213	517.313



Other sizes upon request!

Wood twist drills No. 304

518

with stepped straight shank, pre-cutter and center point

Drill dia.	Shank dia.	Total length	Item No.		Drill dia.	Shank dia.	Total length	Item No.	
			HSS	HM				HSS	HM
14 mm	13 mm	180 mm	518.214	518.314	25 mm	20 mm	240 mm	518.225	518.325
15 mm		185 mm	518.215	518.315	26 mm		250 mm	518.226	518.326
16 mm		190 mm	518.216	518.316	28 mm		260 mm	518.228	518.328
18 mm	16 mm	200 mm	518.218	518.318	30 mm		270 mm	518.230	518.330
20 mm		210 mm	518.220	518.320	35 mm		290 mm	518.235	518.335
22 mm		220 mm	518.222	518.322	40 mm		300 mm	518.240	518.340
24 mm		235 mm	518.224	518.324					



Other sizes upon request!

HSS twist-drills

519

with cylindrical shank, for metals

Type N, right-hand drill, DIN 338, in all standardized sizes from **0,20 bis 20,0 mm dia.** Also available with Morse taper or with longer shank (DIN 340 and 1869).

Upon request!



90°-shell HSS-countersink (No. 06000)

520

for two-cutting edges, M 5-hollow screw, 16 mm long, for Item Nos. 517+ 519.

Can be used as **drill depth setter** if turned 180°.

Item No.	520.003	520.004	520.005	520.006	520.007	520.008	520.010	520.012
Inside dia.	3 mm	4 mm	5 mm	6 mm	7 mm	8 mm	10 mm	12 mm
Outside dia.	16 mm	16 mm	16 mm	16 mm	16 mm	18 mm	20 mm	20 mm

Other dimensions upon request!



HSS-countersink attachment (No. 06100)

521

for flat countersinks, with M5-hollow screw, 2 broachers and 2 pre-cutters; for Item Nos. 517 + 519.

Item No.	Inside dia.	Outside dia.	Length	Item No.	Inside dia.	Outside dia.	Length
521.151	5 mm	12 mm	22 mm	521.201	10 mm	20 mm	25 mm
521.152		15 mm	22 mm	521.202		25 mm	25 mm
521.161	6 mm	15 mm	22 mm	521.203		30 mm	25 mm
521.162		16 mm	22 mm	521.221	25 mm	25 mm	
521.163		20 mm	22 mm	521.222	12 mm	30 mm	25 mm
521.181	8 mm	16 mm	22 mm	521.223	35 mm	25 mm	
521.182		20 mm	22 mm				
521.183		25 mm	25 mm				

