



## Series 460 and Series 480 Drills

Advanced undercut drills designed for superior hole wall quality.

Standard part numbers include rings. For ringless, replace the Series "." with "-"  
(e.g. ringless Series 460, 0.35 mm: 460-0138.217)



Diameter		Series 460			Series 480		
		Flute Length	Part Number	Flute Length	Part Number		
0.15 mm	0.0059"	2.00 mm	0.079"	460.0059.079	3.00 mm	0.118"	480.0059.118
0.20 mm	0.0079"	3.00 mm	0.118"	460.0079.118	4.00 mm	0.158"	480.0079.158
0.25 mm	0.0098"	4.50 mm	0.177"	460.0098.177	5.60 mm	0.217"	480.0098.217
0.30 mm	0.0118"	5.50 mm	0.217"	460.0118.217	6.50 mm	0.256"	480.0118.256
0.35 mm	0.0138"	5.50 mm	0.217"	460.0138.217	7.04 mm	0.277"	480.0138.277
0.40 mm	0.0157"	5.59 mm	0.220"	460.0157.217	7.49 mm	0.295"	480.0157.295
0.45 mm	0.0177"	5.59 mm	0.220"	460.0177.220	7.49 mm	0.295"	480.0177.295
0.50 mm	0.0197"	5.59 mm	0.220"	460.0197.220	7.87 mm	0.310"	480.0197.310
0.55 mm	0.0217"	6.35 mm	0.250"	460.0217.250	8.64 mm	0.340"	480.0217.340
0.60 mm	0.0236"	6.35 mm	0.250"	460.0236.250	8.64 mm	0.340"	480.0236.340
0.65 mm	0.0256"	6.35 mm	0.250"	460.0256.250	8.64 mm	0.340"	480.0256.340
0.70 mm	0.0276"	8.00 mm	0.315"	460.0276.315	9.14 mm	0.360"	480.0276.360
0.75 mm	0.0295"	8.00 mm	0.315"	460.0295.315	9.14 mm	0.360"	480.0295.360
0.80 mm	0.0315"	8.00 mm	0.315"	460.0315.315	10.16 mm	0.400"	480.0315.400
0.85 mm	0.0335"	8.00 mm	0.315"	460.0335.315	10.16 mm	0.400"	480.0335.400
0.90 mm	0.0354"	8.00 mm	0.315"	460.0354.315	10.16 mm	0.400"	480.0354.400
0.95 mm	0.0374"	8.00 mm	0.315"	460.0374.315	10.16 mm	0.400"	480.0374.400
1.00 mm	0.0394"	8.00 mm	0.315"	460.0394.315	10.16 mm	0.400"	480.0394.400
1.05 mm	0.0413"	8.00 mm	0.315"	460.0413.315	10.16 mm	0.400"	480.0413.400
1.10 mm	0.0433"	8.00 mm	0.315"	460.0433.315	10.16 mm	0.400"	480.0433.400
1.15 mm	0.0453"	8.00 mm	0.315"	460.0453.315	10.16 mm	0.400"	480.0453.400
1.20 mm	0.0472"	8.00 mm	0.315"	460.0472.315	10.16 mm	0.400"	480.0472.400
1.25 mm	0.0492"	8.00 mm	0.315"	460.0492.315	10.16 mm	0.400"	480.0492.400
1.30 mm	0.0512"	8.00 mm	0.315"	460.0512.315	10.00 mm	0.394"	480.0512.394
1.35 mm	0.0531"	8.00 mm	0.315"	460.0531.315	10.00 mm	0.394"	480.0531.394
1.40 mm	0.0551"	8.00 mm	0.315"	460.0551.315	10.00 mm	0.394"	480.0551.394
1.45 mm	0.0571"	8.00 mm	0.315"	460.0571.315	10.00 mm	0.394"	480.0571.394
1.50 mm	0.0591"	8.00 mm	0.315"	460.0591.315	10.00 mm	0.394"	480.0591.394
1.55 mm	0.0610"	8.00 mm	0.315"	460.0610.315	10.00 mm	0.394"	480.0610.394
1.60 mm	0.0630"	8.00 mm	0.315"	460.0630.315	10.00 mm	0.394"	480.0630.394
1.65 mm	0.0650"				10.00 mm	0.394"	480.0650.394
1.70 mm	0.0669"				10.00 mm	0.394"	480.0669.394
1.75 mm	0.0689"				10.00 mm	0.394"	480.0689.394
1.80 mm	0.0709"				10.00 mm	0.394"	480.0709.394
1.85 mm	0.0728"				10.00 mm	0.394"	480.0728.394
1.90 mm	0.0748"				10.00 mm	0.394"	480.0748.394
1.95 mm	0.0768"				10.00 mm	0.394"	480.0768.394
2.00 mm	0.0787"				10.00 mm	0.394"	480.0787.394
2.05 mm	0.0807"				10.00 mm	0.394"	480.0807.394
2.10 mm	0.0827"				10.00 mm	0.394"	480.0827.394
2.15 mm	0.0846"				10.00 mm	0.394"	480.0846.394
2.20 mm	0.0866"				10.00 mm	0.394"	480.0866.394
2.25 mm	0.0886"				10.00 mm	0.394"	480.0886.394
2.30 mm	0.0906"				10.00 mm	0.394"	480.0906.394
2.35 mm	0.0925"				10.00 mm	0.394"	480.0925.394
2.40 mm	0.0945"				10.00 mm	0.394"	480.0945.394
2.45 mm	0.0965"				10.00 mm	0.394"	480.0965.394
2.50 mm	0.0984"				10.00 mm	0.394"	480.0984.394
2.55 mm	0.1004"				10.00 mm	0.394"	480.1004.394
2.60 mm	0.1024"				10.00 mm	0.394"	480.1024.394
2.65 mm	0.1043"				10.00 mm	0.394"	480.1043.394
2.70 mm	0.1063"				10.00 mm	0.394"	480.1063.394
2.75 mm	0.1083"				10.00 mm	0.394"	480.1083.394
2.80 mm	0.1102"				10.00 mm	0.394"	480.1102.394
2.85 mm	0.1122"				10.00 mm	0.394"	480.1122.394
2.90 mm	0.1142"				10.00 mm	0.394"	480.1142.394
2.95 mm	0.1161"				10.00 mm	0.394"	480.1161.394
3.00 mm	0.1181"				10.00 mm	0.394"	480.1181.394
3.05 mm	0.1201"				10.00 mm	0.394"	480.1201.394
3.10 mm	0.1220"				10.00 mm	0.394"	480.1220.394
3.15 mm	0.1240"				10.00 mm	0.394"	480.1240.394

Non-Undercut Drills (see Series 560, Series 580, and Series 100)

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