



## Series 493 Drills

*Undercut drills with extra long flute lengths designed for very thick back-panel board constructions.*

*Standard part numbers include rings. For ringless, replace the Series "." with "-"  
(e.g. ringless Series 493, 0.25 mm: 493-0098.295)*



Diameter		Series 493		Part Number
		Flute Length		
0.10 mm	0.0039"	4.00 mm	0.157"	493.0039.157
0.15 mm	0.0059"	4.50 mm	0.177"	493.0059.177
0.20 mm	0.0079"	5.50 mm	0.217"	493.0079.217
0.25 mm	0.0098"	7.50 mm	0.295"	493.0098.295
0.30 mm	0.0118"	8.25 mm	0.325"	493.0118.325
0.35 mm	0.0138"	8.25 mm	0.325"	493.0138.325
0.40 mm	0.0157"	8.50 mm	0.335"	493.0157.335
0.42 mm	0.0165"	8.50 mm	0.335"	493.0165.335
0.45 mm	0.0177"	8.50 mm	0.335"	493.0177.335
0.483 mm	0.0190"	8.50 mm	0.335"	493.0190.335
0.50 mm	0.0197"	9.00 mm	0.354"	493.0197.354
0.55 mm	0.0217"	10.00 mm	0.394"	493.0217.394
#74	0.0225"	10.00 mm	0.394"	493.0225.394
0.60 mm	0.0236"	10.00 mm	0.394"	493.0236.394
0.65 mm	0.0256"	10.00 mm	0.394"	493.0256.394
#71	0.0260"	10.00 mm	0.394"	493.0260.394
0.70 mm	0.0276"	10.00 mm	0.394"	493.0276.394
#70	0.0280"	10.00 mm	0.394"	493.0280.394
0.75 mm	0.0295"	10.00 mm	0.394"	493.0295.394
0.80 mm	0.0315"	10.00 mm	0.394"	493.0315.394
#66	0.0330"	10.00 mm	0.394"	493.0330.394
0.85 mm	0.0335"	10.00 mm	0.394"	493.0335.394
0.90 mm	0.0354"			
0.95 mm	0.0374"			
1.00 mm	0.0394"			
1.05 mm	0.0413"			
1.10 mm	0.0433"			
1.15 mm	0.0453"			