








































## Stub Length (3xD) Drills

									
<b>Series</b>	<b>660</b>	<b>6401</b>	<b>329</b>	<b>610</b>	<b>659</b>	<b>5520</b>	<b>5521</b>	<b>515</b>	<b>2463</b>
<b>Length</b>	4xD	7xD	3xD	3xD	3xD	3xD	3xD	3xD	3xD
<b>Shank</b>									
<b>Style</b>	Micro	Micro	GV120	Ti	GV120	GU500DZ	GT500DZ	GT500DZ	N
<b>Point Angle</b>	118°	140°	130°	130°	130°	118°	130°	130°	118°
<b>Coolant Fed</b>									
<b>Substrate</b>	Cobalt	Carbide	Cobalt	Cobalt	Cobalt	Cobalt	PM-Cobalt	PM-Cobalt	Carbide
<b>Surface Finish</b>			 						
<b>Austenitic 300</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Martensitic 400</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Ph Stainless</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Size range mm</b>	0.128 - 1.800	0.500 - 3.000	0.400 - 25.400	1.000 - 14.290	0.500 - 15.500	1.000 - 14.290	1.000 - 14.000	1.000 - 14.290	1.000 - 16.000
<b>Sizes page</b>	187	298	123	162	185	267	269	136	222

