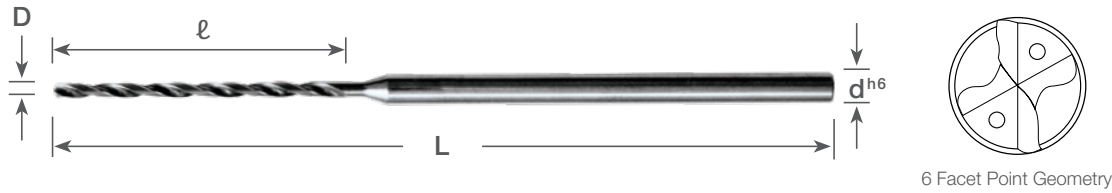


3.00mm SHANK

COOLANT FED MICRO DRILLS
DEEP HOLE DRILLING PRIORITY



1.50mm - 3.00mm DIAMETER
Mirror Surface Finishes
Sub Micron Grain Carbide



EXTENDED Flute Length



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Dimensions (mm)				Uncoated		AlTiN Coating	
D ^{+0.001mm -0.010mm}	d ^{h6}	ℓ	L	Part Number	Stock	Part Number	Stock
1.50	3	27.00	77	813-0591.1064	●	813-0591L1064	●
1.55	3	27.90	77	813-0610.1099	●	813-0610L1099	●
1.60	3	28.80	77	813-0630.1135	●	813-0630L1135	●
1.65	3	29.70	77	813-0650.1170	●	813-0650L1170	●
1.70	3	30.60	77	813-0669.1206	●	813-0669L1206	●
1.75	3	31.50	77	813-0689.1241	●	813-0689L1241	●
1.80	3	32.40	84	813-0709.1277	●	813-0709L1277	●
1.85	3	33.30	84	813-0728.1312	●	813-0728L1312	●
1.90	3	34.20	84	813-0748.1347	●	813-0748L1347	●
1.95	3	35.10	84	813-0768.1383	●	813-0768L1383	●
2.00	3	36.00	84	813-0787.1418	●	813-0787L1418	●
2.05	3	36.90	84	813-0807.1454	●	813-0807L1454	●
2.10	3	37.80	91	813-0827.1489	●	813-0827L1489	●
2.15	3	38.70	91	813-0846.1525	●	813-0846L1525	●
2.20	3	39.60	91	813-0866.1560	●	813-0866L1560	●
2.25	3	40.50	91	813-0886.1596	●	813-0886L1596	●
2.30	3	41.40	91	813-0906.1631	●	813-0906L1631	●
2.35	3	42.30	91	813-0925.1667	●	813-0925L1667	●
2.40	3	43.20	91	813-0945.1702	●	813-0945L1702	●
2.45	3	44.10	91	813-0965.1738	●	813-0965L1738	●
2.50	3	45.00	91	813-0984.1773	●	813-0984L1773	●
2.55	3	45.90	91	813-1004.1808	●	813-1004L1808	●
2.60	3	46.80	91	813-1024.1844	●	813-1024L1844	●
2.65	3	47.70	91	813-1043.1879	●	813-1043L1879	●
2.70	3	48.60	104	813-1063.1915	●	813-1063L1915	●
2.75	3	49.50	104	813-1083.1950	●	813-1083L1950	●
2.80	3	50.40	104	813-1102.1986	●	813-1102L1986	●
2.85	3	51.30	104	813-1122.2021	●	813-1122L2021	●
2.90	3	52.20	104	813-1142.2057	●	813-1142L2057	●
2.95	3	53.10	104	813-1161.2092	●	813-1161L2092	●
3.00	3	54.00	104	813-1181.2128	●	813-1181L2128	●

SERIES 813 WORKPIECE MATERIAL															
Coating	P Steel ~30HRC	P Steel 30-40HRC	H Hardened Steel ~55HRC	H Hardened Steel ~68HRC	M Stainless Steel	K Cast Iron	N Aluminum	N Graphite	N Copper Alloy	N CFRP	N Plastic	N Thermoset Plastic	N High Density Plastic	S Nickel / Cobalt	S Titanium Alloy
AlTiN	★	★	★	★	★	☆	☆	☆	☆	☆	☆	☆	☆	★	★
Uncoated	☆	☆	☆	☆	☆	☆	★	☆	☆	☆	☆	☆	☆	☆	☆

★ : Priority ☆ : Applicable Materials

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