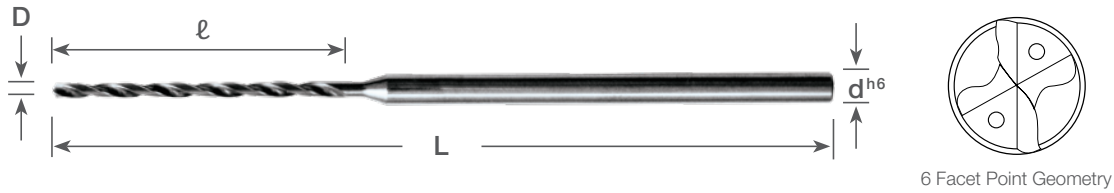


3.00mm SHANK

COOLANT FED MICRO DRILLS
DEEP HOLE DRILLING PRIORITY



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



6 Facet Point Geometry



Symbol Descriptions [Page 7](#)

STANDARD Flute Length

Dimensions (mm)				Uncoated		AlTiN Coating	
D ^{+0.001mm -0.002mm}	d ^{h6}	ℓ	L	Part Number	Stock	Part Number	Stock
1.50	3	15.00	60	813-0591.591	●	813-0591L591	●
1.55	3	15.50	60	813-0610.611	●	813-0610L611	●
1.60	3	16.00	60	813-0630.630	●	813-0630L630	●
1.65	3	16.50	60	813-0650.650	●	813-0650L650	●
1.70	3	17.00	60	813-0669.670	●	813-0669L670	●
1.75	3	17.50	60	813-0689.690	●	813-0689L690	●
1.80	3	18.00	60	813-0709.709	●	813-0709L709	●
1.85	3	18.50	60	813-0728.729	●	813-0728L729	●
1.90	3	19.00	60	813-0748.749	●	813-0748L749	●
1.95	3	19.50	60	813-0768.768	●	813-0768L768	●
2.00	3	20.00	60	813-0787.788	●	813-0787L788	●
2.05	3	20.50	60	813-0807.808	●	813-0807L808	●
2.10	3	21.00	62	813-0827.827	●	813-0827L827	●
2.15	3	21.50	62	813-0846.847	●	813-0846L847	●
2.20	3	22.00	62	813-0866.867	●	813-0866L867	●
2.25	3	22.50	62	813-0886.887	●	813-0886L887	●
2.30	3	23.00	62	813-0906.906	●	813-0906L906	●
2.35	3	23.50	62	813-0925.926	●	813-0925L926	●
2.40	3	24.00	64	813-0945.946	●	813-0945L946	●
2.45	3	24.50	64	813-0965.965	●	813-0965L965	●
2.50	3	25.00	64	813-0984.985	●	813-0984L985	●
2.55	3	25.50	64	813-1004.1005	●	813-1004L1005	●
2.60	3	26.00	64	813-1024.1024	●	813-1024L1024	●
2.65	3	26.50	64	813-1043.1044	●	813-1043L1044	●
2.70	3	27.00	66	813-1063.1064	●	813-1063L1064	●
2.75	3	27.50	66	813-1083.1084	●	813-1083L1084	●
2.80	3	28.00	66	813-1102.1103	●	813-1102L1103	●
2.85	3	28.50	66	813-1122.1123	●	813-1122L1123	●
2.90	3	29.00	66	813-1142.1143	●	813-1142L1143	●
2.95	3	29.50	66	813-1161.1162	●	813-1161L1162	●
3.00	3	30.00	66	813-1181.1182	●	813-1181L1182	●

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

Symbol Descriptions [Page 7](#)

● : U.S. Stock Standard
■ : NOT STOCKED - Call for Delivery

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