

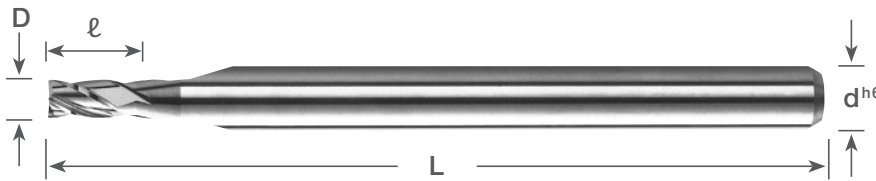
4 FLUTE

STUB LENGTH SQUARE END MILLS
GENERAL PURPOSE MACHINING

0.10mm - 6.00mm DIAMETER

Mirror Surface Finishes

Sub Micron Grain Carbide



Symbol Descriptions [Page 7](#)

STUB Length (Metric Sizes)

Dimensions (mm)				Uncoated		AlTiN Coating	
D ^{+0.00mm} _{-0.02mm}	d ^{h6}	ℓ	L	Part Number	Stock	Part Number	Stock
0.10	3	0.15	38	1820-0039.006	●	1820-0039L006	●
0.15	3	0.23	38	1820-0059.009	●	1820-0059L009	●
0.20	3	0.30	38	1820-0079.012	●	1820-0079L012	●
0.25	3	0.38	38	1820-0098.015	●	1820-0098L015	●
0.30	3	0.45	38	1820-0118.018	●	1820-0118L018	●
0.35	3	0.53	38	1820-0138.021	●	1820-0138L021	●
0.40	3	0.60	38	1820-0157.024	●	1820-0157L024	●
0.45	3	0.68	38	1820-0177.027	●	1820-0177L027	●
0.50	3	0.75	38	1820-0197.030	●	1820-0197L030	●
0.60	3	0.90	38	1820-0236.035	●	1820-0236L035	●
0.70	3	1.05	38	1820-0276.041	●	1820-0276L041	●
0.80	3	1.20	38	1820-0315.047	●	1820-0315L047	●
0.90	3	1.35	38	1820-0354.053	●	1820-0354L053	●
1.00	3	1.50	38	1820-0394.059	●	1820-0394L059	●
1.10	3	1.50	38	1820-0433.059	●	1820-0433L059	●
1.20	3	1.50	38	1820-0472.059	●	1820-0472L059	●
1.30	3	2.25	38	1820-0512.089	●	1820-0512L089	●
1.40	3	2.25	38	1820-0551.089	●	1820-0551L089	●
1.50	3	2.25	38	1820-0591.089	●	1820-0591L089	●
1.60	3	2.25	38	1820-0630.089	●	1820-0630L089	●
1.70	3	2.25	38	1820-0669.089	●	1820-0669L089	●
1.80	3	3.00	38	1820-0709.118	●	1820-0709L118	●
1.90	3	3.00	38	1820-0748.118	●	1820-0748L118	●
2.00	3	3.00	38	1820-0787.118	●	1820-0787L118	●
2.50	3	3.75	38	1820-0984.148	●	1820-0984L148	●
2.80	3	4.50	38	1820-1102.177	●	1820-1102L177	●
3.00	3	4.50	38	1820-1181.177	●	1820-1181L177	●
3.50	4	5.25	50	1820-1378.207	●	1820-1378L207	●
3.80	5	6.00	50	1820-1496.236	●	1820-1496L236	●
4.00	5	6.00	50	1820-1575.236	●	1820-1575L236	●
4.50	5	6.75	50	1820-1772.266	●	1820-1772L266	●
4.80	5	7.50	50	1820-1890.295	●	1820-1890L295	●
5.00	5	7.50	50	1820-1968.295	●	1820-1968L295	●
5.50	6	8.25	50	1820-2165.325	●	1820-2165L325	●
5.80	6	9.00	50	1820-2283.354	●	1820-2283L354	●
6.00	6	9.00	50	1820-2362.354	●	1820-2362L354	●

SERIES 1820 WORKPIECE MATERIAL															
Coating	P	P	H	H	M	K	N	N	N	N	N	N	N	S	S
	Steel ~30HRC	Steel 30~40HRC	Hardened Steel ~55HRC	Hardened Steel ~68HRC	Stainless Steel	Cast Iron	Aluminum	Graphite	Copper Alloy	CFRP	Plastic	Thermoset Plastic	High Density Plastic	Nickel / Cobalt	Titanium Alloy
AlTiN	★	★	★	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆	☆
Uncoated							☆	☆	☆	☆	☆	☆	☆	☆	☆

★ : Priority ☆ : Applicable Materials

Symbol Descriptions [Page 7](#)

- : U.S. Stock Standard
- : NOT STOCKED - Call for Delivery
- ▲ : Coming Soon

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