

4 FLUTE

STANDARD LENGTH SQUARE END MILLS
GENERAL PURPOSE MACHINING

0.10mm - 6.00mm DIAMETER

Mirror Surface Finishes

Sub Micron Grain Carbide



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STANDARD Length (Metric Sizes)

Dimensions (mm)				Uncoated		AlTiN Coating	
D <small>+0.00mm -0.02mm</small>	d ^{h6}	ℓ	L	Part Number	Stock	Part Number	Stock
0.10	3	0.30	38	1810-0039.012	●	1810-0039L012	●
0.15	3	0.45	38	1810-0059.018	●	1810-0059L018	●
0.20	3	0.60	38	1810-0079.024	●	1810-0079L024	●
0.25	3	0.75	38	1810-0098.029	●	1810-0098L029	●
0.30	3	0.90	38	1810-0118.035	●	1810-0118L035	●
0.35	3	1.05	38	1810-0138.041	●	1810-0138L041	●
0.40	3	1.20	38	1810-0157.047	●	1810-0157L047	●
0.45	3	1.35	38	1810-0177.053	●	1810-0177L053	●
0.50	3	1.50	38	1810-0197.059	●	1810-0197L059	●
0.60	3	1.80	38	1810-0236.071	●	1810-0236L071	●
0.70	3	2.10	38	1810-0276.083	●	1810-0276L083	●
0.80	3	2.40	38	1810-0315.095	●	1810-0315L095	●
0.90	3	2.70	38	1810-0354.106	●	1810-0354L106	●
1.00	3	3.00	38	1810-0394.118	●	1810-0394L118	●
1.10	3	3.30	38	1810-0433.130	●	1810-0433L130	●
1.20	3	3.60	38	1810-0472.142	●	1810-0472L142	●
1.30	3	3.90	38	1810-0512.154	●	1810-0512L154	●
1.40	3	4.20	38	1810-0551.165	●	1810-0551L165	●
1.50	3	4.50	38	1810-0591.177	●	1810-0591L177	●
1.60	3	4.80	38	1810-0630.189	●	1810-0630L189	●
1.70	3	5.10	38	1810-0669.200	●	1810-0669L200	●
1.80	3	5.40	38	1810-0709.213	●	1810-0709L213	●
1.90	3	5.70	38	1810-0748.224	●	1810-0748L224	●
2.00	3	6.00	38	1810-0787.236	●	1810-0787L236	●
2.50	3	7.50	38	1810-0984.295	●	1810-0984L295	●
2.80	3	9.00	38	1810-1102.354	●	1810-1102L354	●
3.00	3	9.00	38	1810-1181.354	●	1810-1181L354	●
3.50	4	10.50	50	1810-1378.413	●	1810-1378L413	●
3.80	5	12.00	50	1810-1496.473	●	1810-1496L473	●
4.00	5	12.00	50	1810-1575.473	●	1810-1575L473	●
4.50	5	13.50	50	1810-1772.532	●	1810-1772L532	●
4.80	5	15.00	50	1810-1890.590	●	1810-1890L590	●
5.00	5	15.00	50	1810-1968.590	●	1810-1968L590	●
5.50	6	16.50	50	1810-2165.650	●	1810-2165L650	●
5.80	6	18.00	50	1810-2283.709	●	1810-2283L709	●
6.00	6	18.00	50	1810-2362.709	●	1810-2362L709	●

SERIES 1810 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	★	★	★	☆	☆	☆								☆	☆
DLC							☆	★	☆	★	★	★			
Uncoated							☆	☆	☆	☆	☆	☆	☆		☆

★ : Priority ☆ : Applicable Materials

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