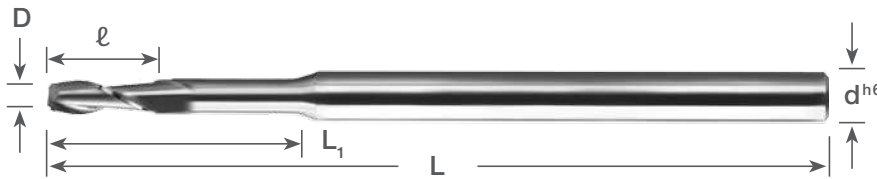


2 FLUTE

EXTENDED REACH SQUARE END MILLS
DEEP REACH MILLING

0.40mm - 6.00mm DIAMETER

Mirror Surface Finishes
Sub Micron Grain Carbide



MICRO GRAIN

30°

2

Symbol Descriptions [Page 7](#)

EXTENDED Reach (Metric Sizes)

Dimensions (mm)					Uncoated		AlTiN Coating	
D +0.00mm -0.02mm	d ^{h6}	ℓ	L	L ₁	Part Number	Stock	Part Number	Stock
0.40	3	1.20	38	3	1640-0157.118	●	1640-0157L118	●
0.50	3	1.50	38	4	1640-0197.157	●	1640-0197L157	●
0.60	3	1.80	38	5	1640-0236.197	●	1640-0236L197	●
0.65	3	1.95	38	6	1640-0256.236	●	1640-0256L236	●
0.70	3	2.10	38	7	1640-0276.276	●	1640-0276L276	●
0.75	3	2.25	38	8	1640-0295.315	●	1640-0295L315	●
0.80	3	2.40	50	9	1640-0315.354	●	1640-0315L354	●
0.90	3	2.70	50	10	1640-0354.394	●	1640-0354L394	●
1.00	3	3.00	50	10	1640-0394.394	●	1640-0394L394	●
1.50	3	4.50	50	15	1640-0591.591	●	1640-0591L591	●
2.00	3	6.00	50	20	1640-0787.787	●	1640-0787L787	●
2.50	3	7.50	50	23	1640-0984.906	●	1640-0984L906	●
3.00	3	9.00	50	23	1640-1181.906	●	1640-1181L906	●
3.50	6	10.50	75	25	1640-1378.984	●	1640-1378L984	●
4.00	6	12.00	75	25	1640-1575.984	●	1640-1575L984	●
4.50	6	13.50	75	30	1640-1772.1181	●	1640-1772L1181	●
5.00	6	15.00	75	30	1640-1968.1181	●	1640-1968L1181	●
5.50	6	16.50	75	30	1640-2165.1181	●	1640-2165L1181	●
6.00	6	18.00	75	30	1640-2362.1181	●	1640-2362L1181	●

SERIES 1640 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
- ▲ : Coming Soon

DRILLS
 END MILLS
 ROUTERS
 THREAD MILLS & TAPS
 ENGRAVERS
 BORING BARS
 REAMERS
 SAWS
 TECHNICAL
 INDEX