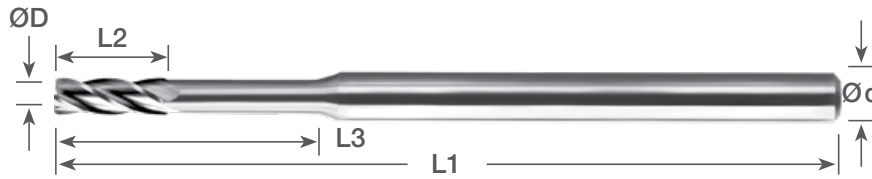


3 FLUTE

EXTENDED REACH SQUARE END MILLS
DEEP REACH MILLING

0.0100" - 0.0550" DIAMETER

Mirror Surface Finishes
Sub Micron Grain Carbide



EXTENDED Reach (Inch Sizes)

Uncoated		AITIN Coating		DLC* Coating		Dimensions (in)				
Part Number	Stock	Part Number	Stock	Part Number	Stock	ØD ^{+0.0000 -0.0010}	Ød	L1	L2	L3
1740-0100.100	●	1740-0100L100	●	1740-0100D100	■	0.0100	1/8	2 1/2	0.050	0.100
1740-0150.078	●	1740-0150L078	●	1740-0150D078	■	0.0150	1/8	2 1/2	0.022	0.078
1740-0150.125	●	1740-0150L125	●	1740-0150D125	■	0.0150	1/8	2 1/2	0.022	0.125
1740-0150.150	●	1740-0150L150	●	1740-0150D150	■	0.0150	1/8	2 1/2	0.075	0.150
1740-0156.150	●	1740-0156L150	●	1740-0156D150	■	0.0156 (1/64)	1/8	2 1/2	0.075	0.150
1740-0200.100	●	1740-0200L100	●	1740-0200D100	■	0.0200	1/8	2 1/2	0.030	0.100
1740-0200.160	●	1740-0200L160	●	1740-0200D160	■	0.0200	1/8	2 1/2	0.030	0.160
1740-0200.200	●	1740-0200L200	●	1740-0200D200	■	0.0200	1/8	2 1/2	0.100	0.200
1740-0250.125	●	1740-0250L125	●	1740-0250D125	■	0.0250	1/8	2 1/2	0.037	0.125
1740-0250.200	●	1740-0250L200	●	1740-0250D200	■	0.0250	1/8	2 1/2	0.037	0.200
1740-0250.250	●	1740-0250L250	●	1740-0250D250	■	0.0250	1/8	2 1/2	0.125	0.250
1740-0300.156	●	1740-0300L156	●	1740-0300D156	■	0.0300	1/8	2 1/2	0.045	0.156
1740-0300.250	●	1740-0300L250	●	1740-0300D250	■	0.0300	1/8	2 1/2	0.045	0.250
1740-0300.300	●	1740-0300L300	●	1740-0300D300	■	0.0300	1/8	2 1/2	0.150	0.300
1740-0312.310	●	1740-0312L310	●	1740-0312D310	■	0.0312 (1/32)	1/8	2 1/2	0.155	0.310
1740-0350.187	●	1740-0350L187	●	1740-0350D187	■	0.0350	1/8	2 1/2	0.052	0.187
1740-0350.280	●	1740-0350L280	●	1740-0350D280	■	0.0350	1/8	2 1/2	0.052	0.280
1740-0350.350	●	1740-0350L350	●	1740-0350D350	■	0.0350	1/8	2 1/2	0.175	0.350
1740-0400.200	●	1740-0400L200	●	1740-0400D200	■	0.0400	1/8	2 1/2	0.060	0.200
1740-0400.325	●	1740-0400L325	●	1740-0400D325	■	0.0400	1/8	2 1/2	0.060	0.325
1740-0400.400	●	1740-0400L400	●	1740-0400D400	■	0.0400	1/8	2 1/2	0.200	0.400
1740-0450.225	●	1740-0450L225	●	1740-0450D225	■	0.0450	1/8	2 1/2	0.067	0.225
1740-0450.375	●	1740-0450L375	●	1740-0450D375	■	0.0450	1/8	2 1/2	0.067	0.375
1740-0450.450	●	1740-0450L450	●	1740-0450D450	■	0.0450	1/8	2 1/2	0.225	0.450
1740-0469.500	●	1740-0469L500	●	1740-0469D500	■	0.0469 (3/64)	1/8	2 1/2	0.250	0.500
1740-0500.250	●	1740-0500L250	●	1740-0500D250	■	0.0500	1/8	2 1/2	0.075	0.250
1740-0500.400	●	1740-0500L400	●	1740-0500D400	■	0.0500	1/8	2 1/2	0.075	0.400
1740-0500.600	●	1740-0500L600	●	1740-0500D600	■	0.0500	1/8	2 1/2	0.300	0.600
1740-0550.275	●	1740-0550L275	●	1740-0550D275	■	0.0550	1/8	2 1/2	0.082	0.275
1740-0550.450	●	1740-0550L450	●	1740-0550D450	■	0.0550	1/8	2 1/2	0.082	0.450
1740-0550.770	●	1740-0550L770	●	1740-0550D770	■	0.0550	1/8	2 1/2	0.385	0.770

Neck Diameter = 0.95 X Cutting Diameter

*DLC is Amorphous Diamond

- SOLID TOOLS
- DRILLS
- END MILLS
- ROUTERS
- THREAD MILLS & TAPS
- ENGRAVERS
- BORING BARS
- REAMERS
- TECHNICAL

SERIES 1740 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 Brass	N CFRP	N Plastic	N Thermoset Plastic	N High Density Plastic	S Nickel / Cobalt	S Titanium Alloy
AITIN	★	★	★	☆	☆	☆									☆	☆
DLC							☆	★	☆	☆	★	★	★			
Uncoated							☆	☆	☆	★	☆	☆	☆	☆		☆

★ : Priority ☆ : Applicable Materials

Recommended Cutting Conditions Page L221

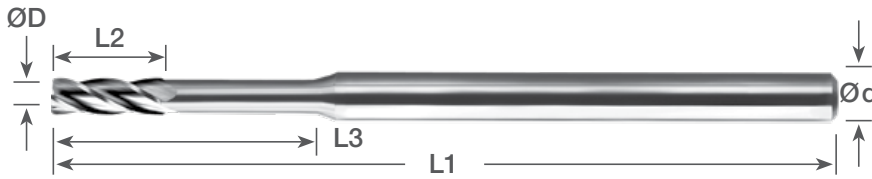
Symbol Descriptions Page L3

3 FLUTE

EXTENDED REACH SQUARE END MILLS
DEEP REACH MILLING

0.0600" - 0.2500" DIAMETER

Mirror Surface Finishes
Sub Micron Grain Carbide



EXTENDED Reach (Inch Sizes)

Uncoated		AlTiN Coating		DLC* Coating		Dimensions (in)				
Part Number	Stock	Part Number	Stock	Part Number	Stock	ØD ^{+0.0000 -0.0010}	Ød	L1	L2	L3
1740-0600.300	●	1740-0600L300	●	1740-0600D300	■	0.0600	1/8	2 1/2	0.090	0.300
1740-0600.500	●	1740-0600L500	●	1740-0600D500	■	0.0600	1/8	2 1/2	0.090	0.500
1740-0600.1000	●	1740-0600L1000	●	1740-0600D1000	■	0.0600	1/8	2 1/2	0.500	1.000
1740-0625.1000	●	1740-0625L1000	●	1740-0625D1000	■	0.0625 (1/16)	1/8	2 1/2	0.500	1.000
1740-0650.325	●	1740-0650L325	●	1740-0650D325	■	0.0650	1/8	2 1/2	0.097	0.325
1740-0650.530	●	1740-0650L530	●	1740-0650D530	■	0.0650	1/8	2 1/2	0.097	0.530
1740-0650.1000	●	1740-0650L1000	●	1740-0650D1000	■	0.0650	1/8	2 1/2	0.500	1.000
1740-0700.375	●	1740-0700L375	●	1740-0700D375	■	0.0700	1/8	2 1/2	0.105	0.375
1740-0700.570	●	1740-0700L570	●	1740-0700D570	■	0.0700	1/8	2 1/2	0.105	0.570
1740-0700.1000	●	1740-0700L1000	●	1740-0700D1000	■	0.0700	1/8	2 1/2	0.500	1.000
1740-0750.375	●	1740-0750L375	●	1740-0750D375	■	0.0750	1/8	2 1/2	0.112	0.375
1740-0750.625	●	1740-0750L625	●	1740-0750D625	■	0.0750	1/8	2 1/2	0.112	0.625
1740-0750.1000	●	1740-0750L1000	●	1740-0750D1000	■	0.0750	1/8	2 1/2	0.500	1.000
1740-0781.1000	●	1740-0781L1000	●	1740-0781D1000	■	0.0781 (5/64)	1/8	2 1/2	0.500	1.000
1740-0800.400	●	1740-0800L400	●	1740-0800D400	■	0.0800	1/8	2 1/2	0.120	0.400
1740-0800.650	●	1740-0800L650	●	1740-0800D650	■	0.0800	1/8	2 1/2	0.120	0.650
1740-0800.1250	●	1740-0800L1250	●	1740-0800D1250	■	0.0800	1/8	2 1/2	0.750	1.250
1740-0850.425	●	1740-0850L425	●	1740-0850D425	■	0.0850	1/8	2 1/2	0.127	0.425
1740-0850.700	●	1740-0850L700	●	1740-0850D700	■	0.0850	1/8	2 1/2	0.127	0.700
1740-0850.1250	●	1740-0850L1250	●	1740-0850D1250	■	0.0850	1/8	2 1/2	0.750	1.250
1740-0900.450	●	1740-0900L450	●	1740-0900D450	■	0.0900	1/8	2 1/2	0.135	0.450
1740-0900.750	●	1740-0900L750	●	1740-0900D750	■	0.0900	1/8	2 1/2	0.135	0.750
1740-0900.1250	●	1740-0900L1250	●	1740-0900D1250	■	0.0900	1/8	2 1/2	0.750	1.250
1740-0938.1250	●	1740-0938L1250	●	1740-0938D1250	■	0.0938 (3/32)	1/8	2 1/2	0.750	1.250
1740-0950.500	●	1740-0950L500	●	1740-0950D500	■	0.0950	1/8	2 1/2	0.142	0.500
1740-0950.750	●	1740-0950L750	●	1740-0950D750	■	0.0950	1/8	2 1/2	0.142	0.750
1740-0950.1250	●	1740-0950L1250	●	1740-0950D1250	■	0.0950	1/8	2 1/2	0.750	1.250
1740-1000.500	●	1740-1000L500	●	1740-1000D500	■	0.1000	1/8	2 1/2	0.150	0.500
1740-1000.800	●	1740-1000L800	●	1740-1000D800	■	0.1000	1/8	2 1/2	0.150	0.800
1740-1000.1250	●	1740-1000L1250	●	1740-1000D1250	■	0.1000	1/8	2 1/2	0.750	1.250
1740-1250.1500	●	1740-1250L1500	●	1740-1250D1500	■	0.1250 (1/8)	1/8	2 1/2	1.000	1.500
1740-1875.1625	●	1740-1875L1625	●	1740-1875D1625	■	0.1875 (3/16)	3/16	3	1.125	1.625
1740-2500.2000	●	1740-2500L2000	●	1740-2500D2000	■	0.2500 (1/4)	1/4	4	1.500	2.000

Neck Diameter = 0.95 X Cutting Diameter

*DLC is Amorphous Diamond

SERIES 1740 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 Brass	N CFRP	N Plastic	N Thermocast Plastic	N High Density Plastic	S Nickel / Cobalt	S Titanium Alloy
AlTiN	★	★	★	☆	☆	☆									☆	☆
DLC							☆	★	☆	☆	★	★	★			
Uncoated							☆	☆	☆	★	☆	☆	☆	☆		☆

★ : Priority ☆ : Applicable Materials

Recommended Cutting Conditions Page L221, L223

Symbol Descriptions Page L3

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THREADING **J**
DRILLING **K**
SOLID TOOLS **L**
MILLING **M**
HSK TOOLING **N**
SPARE PARTS **P**
TECHNICAL **R**
INDEX **T**