

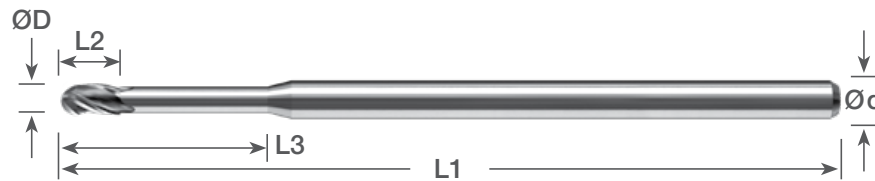
3 FLUTE

EXTENDED REACH STUB LENGTH BALL NOSE END MILLS

0.0100" - 0.0312" DIAMETER

Mirror Surface Finishes

Sub Micron Grain Carbide



EXTENDED Reach STUB Length (Inch Sizes)

Uncoated		AlTiN Coating		DLC* Coating		Dimensions (in)				
Part Number	Stock	Part Number	Stock	Part Number	Stock	$\text{ØD}^{+0.0000}_{-0.0010}$	Ød	L1	L2	L3
1755-0100.050	●	1755-0100L050	●	1755-0100D050	■	0.0100	1/8	2 1/2	0.015	0.050
1755-0100.080	●	1755-0100L080	●	1755-0100D080	■	0.0100	1/8	2 1/2	0.015	0.080
1755-0100.125	●	1755-0100L125	●	1755-0100D125	■	0.0100	1/8	2 1/2	0.015	0.125
1755-0100.150	●	1755-0100L150	●	1755-0100D150	■	0.0100	1/8	2 1/2	0.015	0.150
1755-0156.045	●	1755-0156L045	●	1755-0156D045	■	0.0156 (1/64)	1/8	2 1/2	0.022	0.045
1755-0156.078	●	1755-0156L078	●	1755-0156D078	■	0.0156 (1/64)	1/8	2 1/2	0.022	0.078
1755-0156.125	●	1755-0156L125	●	1755-0156D125	■	0.0156 (1/64)	1/8	2 1/2	0.022	0.125
1755-0156.156	●	1755-0156L156	●	1755-0156D156	■	0.0156 (1/64)	1/8	2 1/2	0.022	0.156
1755-0156.187	●	1755-0156L187	●	1755-0156D187	■	0.0156 (1/64)	1/8	2 1/2	0.022	0.187
1755-0156.225	●	1755-0156L225	●	1755-0156D225	■	0.0156 (1/64)	1/8	2 1/2	0.022	0.225
1755-0156.300	●	1755-0156L300	●	1755-0156D300	■	0.0156 (1/64)	1/8	2 1/2	0.022	0.300
1755-0200.100	●	1755-0200L100	●	1755-0200D100	■	0.0200	1/8	2 1/2	0.030	0.100
1755-0200.160	●	1755-0200L160	●	1755-0200D160	■	0.0200	1/8	2 1/2	0.030	0.160
1755-0200.250	●	1755-0200L250	●	1755-0200D250	■	0.0200	1/8	2 1/2	0.030	0.250
1755-0200.300	●	1755-0200L300	●	1755-0200D300	■	0.0200	1/8	2 1/2	0.030	0.300
1755-0200.400	●	1755-0200L400	●	1755-0200D400	■	0.0200	1/8	2 1/2	0.030	0.400
1755-0250.125	●	1755-0250L125	●	1755-0250D125	■	0.0250	1/8	2 1/2	0.037	0.125
1755-0250.203	●	1755-0250L203	●	1755-0250D203	■	0.0250	1/8	2 1/2	0.037	0.203
1755-0250.312	●	1755-0250L312	●	1755-0250D312	■	0.0250	1/8	2 1/2	0.037	0.312
1755-0250.375	●	1755-0250L375	●	1755-0250D375	■	0.0250	1/8	2 1/2	0.037	0.375
1755-0300.156	●	1755-0300L156	●	1755-0300D156	■	0.0300	1/8	2 1/2	0.045	0.156
1755-0300.250	●	1755-0300L250	●	1755-0300D250	■	0.0300	1/8	2 1/2	0.045	0.250
1755-0300.375	●	1755-0300L375	●	1755-0300D375	■	0.0300	1/8	2 1/2	0.045	0.375
1755-0300.450	●	1755-0300L450	●	1755-0300D450	■	0.0300	1/8	2 1/2	0.045	0.450
1755-0312.093	●	1755-0312L093	●	1755-0312D093	■	0.0312 (1/32)	1/8	2 1/2	0.046	0.093
1755-0312.156	●	1755-0312L156	●	1755-0312D156	■	0.0312 (1/32)	1/8	2 1/2	0.046	0.156
1755-0312.250	●	1755-0312L250	●	1755-0312D250	■	0.0312 (1/32)	1/8	2 1/2	0.046	0.250
1755-0312.312	●	1755-0312L312	●	1755-0312D312	■	0.0312 (1/32)	1/8	2 1/2	0.046	0.312
1755-0312.375	●	1755-0312L375	●	1755-0312D375	■	0.0312 (1/32)	1/8	2 1/2	0.046	0.375
1755-0312.470	●	1755-0312L470	●	1755-0312D470	■	0.0312 (1/32)	1/8	2 1/2	0.046	0.470
1755-0312.565	●	1755-0312L565	●	1755-0312D565	■	0.0312 (1/32)	1/8	2 1/2	0.046	0.565
1755-0312.625	●	1755-0312L625	●	1755-0312D625	■	0.0312 (1/32)	1/8	2 1/2	0.046	0.625
1755-0312.775	●	1755-0312L775	●	1755-0312D775	■	0.0312 (1/32)	1/8	2 1/2	0.046	0.775

Neck Diameter = 0.95 X Cutting Diameter

*DLC is Amorphous Diamond

SERIES 1755 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
AlTiN	★	★	★	☆	☆	☆									☆	☆
DLC							☆	★	☆	☆	★	★	★			
Uncoated							☆	☆	☆	★	☆	☆	☆	☆		☆

★ : Priority ☆ : Applicable Materials

Recommended Cutting Conditions Page L221

Symbol Descriptions Page L3

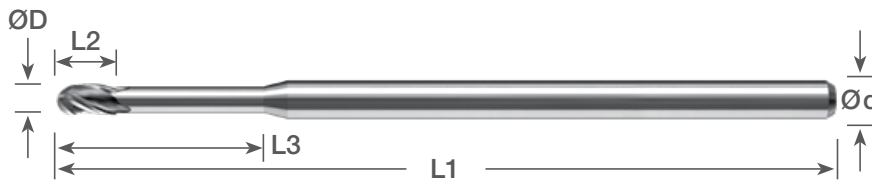
3 FLUTE

EXTENDED REACH STUB LENGTH BALL NOSE END MILLS

0.0350" - 0.0600" DIAMETER

Mirror Surface Finishes

Sub Micron Grain Carbide



EXTENDED Reach STUB Length (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
1755-0350.187	●	1755-0350L187	●	1755-0350D187	■	0.0350	1/8	2 1/2	0.052	0.187
1755-0350.281	●	1755-0350L281	●	1755-0350D281	■	0.0350	1/8	2 1/2	0.052	0.281
1755-0350.425	●	1755-0350L425	●	1755-0350D425	■	0.0350	1/8	2 1/2	0.052	0.425
1755-0350.525	●	1755-0350L525	●	1755-0350D525	■	0.0350	1/8	2 1/2	0.052	0.525
1755-0400.203	●	1755-0400L203	●	1755-0400D203	■	0.0400	1/8	2 1/2	0.060	0.203
1755-0400.325	●	1755-0400L325	●	1755-0400D325	■	0.0400	1/8	2 1/2	0.060	0.325
1755-0400.480	●	1755-0400L480	●	1755-0400D480	■	0.0400	1/8	2 1/2	0.060	0.480
1755-0400.600	●	1755-0400L600	●	1755-0400D600	■	0.0400	1/8	2 1/2	0.060	0.600
1755-0400.800	●	1755-0400L800	●	1755-0400D800	■	0.0400	1/8	2 1/2	0.060	0.800
1755-0450.225	●	1755-0450L225	●	1755-0450D225	■	0.0450	1/8	2 1/2	0.067	0.225
1755-0450.375	●	1755-0450L375	●	1755-0450D375	■	0.0450	1/8	2 1/2	0.067	0.375
1755-0450.550	●	1755-0450L550	●	1755-0450D550	■	0.0450	1/8	2 1/2	0.067	0.550
1755-0450.680	●	1755-0450L680	●	1755-0450D680	■	0.0450	1/8	2 1/2	0.067	0.680
1755-0469.141	●	1755-0469L141	●	1755-0469D141	■	0.0469 (3/64)	1/8	2 1/2	0.070	0.141
1755-0469.250	●	1755-0469L250	●	1755-0469D250	■	0.0469 (3/64)	1/8	2 1/2	0.070	0.250
1755-0469.375	●	1755-0469L375	●	1755-0469D375	■	0.0469 (3/64)	1/8	2 1/2	0.070	0.375
1755-0469.480	●	1755-0469L480	●	1755-0469D480	■	0.0469 (3/64)	1/8	2 1/2	0.070	0.480
1755-0469.570	●	1755-0469L570	●	1755-0469D570	■	0.0469 (3/64)	1/8	2 1/2	0.070	0.570
1755-0469.710	●	1755-0469L710	●	1755-0469D710	■	0.0469 (3/64)	1/8	2 1/2	0.070	0.710
1755-0469.950	●	1755-0469L950	●	1755-0469D950	■	0.0469 (3/64)	1/8	2 1/2	0.070	0.950
1755-0469.1187	●	1755-0469L1187	●	1755-0469D1187	■	0.0469 (3/64)	1/8	2 1/2	0.070	1.187
1755-0500.250	●	1755-0500L250	●	1755-0500D250	■	0.0500	1/8	2 1/2	0.075	0.250
1755-0500.400	●	1755-0500L400	●	1755-0500D400	■	0.0500	1/8	2 1/2	0.075	0.400
1755-0500.600	●	1755-0500L600	●	1755-0500D600	■	0.0500	1/8	2 1/2	0.075	0.600
1755-0550.275	●	1755-0550L275	●	1755-0550D275	■	0.0550	1/8	2 1/2	0.082	0.275
1755-0550.450	●	1755-0550L450	●	1755-0550D450	■	0.0550	1/8	2 1/2	0.082	0.450
1755-0550.660	●	1755-0550L660	●	1755-0550D660	■	0.0550	1/8	2 1/2	0.082	0.660
1755-0600.312	●	1755-0600L312	●	1755-0600D312	■	0.0600	1/8	2 1/2	0.090	0.312
1755-0600.500	●	1755-0600L500	●	1755-0600D500	■	0.0600	1/8	2 1/2	0.090	0.500
1755-0600.720	●	1755-0600L720	●	1755-0600D720	■	0.0600	1/8	2 1/2	0.090	0.720
1755-0600.900	●	1755-0600L900	●	1755-0600D900	■	0.0600	1/8	2 1/2	0.090	0.900
1755-0600.1080	●	1755-0600L1080	●	1755-0600D1080	■	0.0600	1/8	2 1/2	0.090	1.080
1755-0600.1260	●	1755-0600L1260	●	1755-0600D1260	■	0.0600	1/8	2 1/2	0.090	1.260

Neck Diameter = 0.95 X Cutting Diameter

*DLC is Amorphous Diamond

SERIES 1755 WORKPIECE MATERIAL

Coating	SERIES 7000 WORK TOOL MATERIALS															
	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
AlTiN	★	★	★	☆	☆	☆									☆	☆
DLC							☆	★	☆		☆	★	★			
Uncoated							☆	☆	☆	★	☆	☆	☆	☆		☆

★ : Priority ☆ : Applicable Materials

Recommended Cutting Conditions • Page L221

Symbol Descriptions • Page L3

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

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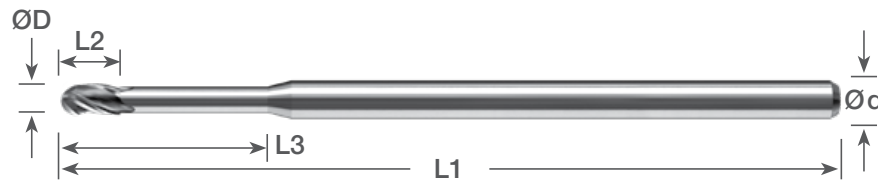
3 FLUTE

EXTENDED REACH STUB LENGTH BALL NOSE END MILLS

0.0625" - 0.0900" DIAMETER

Mirror Surface Finishes

Sub Micron Grain Carbide



EXTENDED Reach STUB Length (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
1755-0625.186	●	1755-0625L186	●	1755-0625D186	■	0.0625 (1/16)	1/8	2 1/2	0.093	0.186
1755-0625.312	●	1755-0625L312	●	1755-0625D312	■	0.0625 (1/16)	1/8	2 1/2	0.093	0.312
1755-0625.500	●	1755-0625L500	●	1755-0625D500	■	0.0625 (1/16)	1/8	2 1/2	0.093	0.500
1755-0625.625	●	1755-0625L625	●	1755-0625D625	■	0.0625 (1/16)	1/8	2 1/2	0.093	0.625
1755-0625.750	●	1755-0625L750	●	1755-0625D750	■	0.0625 (1/16)	1/8	2 1/2	0.093	0.750
1755-0625.950	●	1755-0625L950	●	1755-0625D950	■	0.0625 (1/16)	1/8	2 1/2	0.093	0.950
1755-0625.1125	●	1755-0625L1125	●	1755-0625D1125	■	0.0625 (1/16)	1/8	2 1/2	0.093	1.125
1755-0625.1250	●	1755-0625L1250	●	1755-0625D1250	■	0.0625 (1/16)	1/8	2 1/2	0.093	1.250
1755-0625.1550	●	1755-0625L1550	●	1755-0625D1550	■	0.0625 (1/16)	1/8	3	0.093	1.550
1755-0650.325	●	1755-0650L325	●	1755-0650D325	■	0.0650	1/8	2 1/2	0.097	0.325
1755-0650.530	●	1755-0650L530	●	1755-0650D530	■	0.0650	1/8	2 1/2	0.097	0.530
1755-0700.375	●	1755-0700L375	●	1755-0700D375	■	0.0700	1/8	2 1/2	0.105	0.375
1755-0700.570	●	1755-0700L570	●	1755-0700D570	■	0.0700	1/8	2 1/2	0.105	0.570
1755-0750.375	●	1755-0750L375	●	1755-0750D375	■	0.0750	1/8	2 1/2	0.112	0.375
1755-0750.625	●	1755-0750L625	●	1755-0750D625	■	0.0750	1/8	2 1/2	0.112	0.625
1755-0781.234	●	1755-0781L234	●	1755-0781D234	■	0.0781 (5/64)	1/8	2 1/2	0.117	0.234
1755-0781.406	●	1755-0781L406	●	1755-0781D406	■	0.0781 (5/64)	1/8	2 1/2	0.117	0.406
1755-0781.625	●	1755-0781L625	●	1755-0781D625	■	0.0781 (5/64)	1/8	2 1/2	0.117	0.625
1755-0781.800	●	1755-0781L800	●	1755-0781D800	■	0.0781 (5/64)	1/8	2 1/2	0.117	0.800
1755-0781.940	●	1755-0781L940	●	1755-0781D940	■	0.0781 (5/64)	1/8	2 1/2	0.117	0.940
1755-0781.1187	●	1755-0781L1187	●	1755-0781D1187	■	0.0781 (5/64)	1/8	2 1/2	0.117	1.187
1755-0781.1562	●	1755-0781L1562	●	1755-0781D1562	■	0.0781 (5/64)	1/8	3	0.117	1.562
1755-0781.1950	●	1755-0781L1950	●	1755-0781D1950	■	0.0781 (5/64)	1/8	3	0.117	1.950
1755-0800.406	●	1755-0800L406	●	1755-0800D406	■	0.0800	1/8	2 1/2	0.120	0.406
1755-0800.650	●	1755-0800L650	●	1755-0800D650	■	0.0800	1/8	2 1/2	0.120	0.650
1755-0850.425	●	1755-0850L425	●	1755-0850D425	■	0.0850	1/8	2 1/2	0.127	0.425
1755-0850.700	●	1755-0850L700	●	1755-0850D700	■	0.0850	1/8	2 1/2	0.127	0.700
1755-0900.450	●	1755-0900L450	●	1755-0900D450	■	0.0900	1/8	2 1/2	0.120	0.450
1755-0900.750	●	1755-0900L750	●	1755-0900D750	■	0.0900	1/8	2 1/2	0.120	0.750

Neck Diameter = 0.95 X Cutting Diameter

*DLC is Amorphous Diamond

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

SERIES 1755 WORKPIECE MATERIAL

Coating	SERIES P300 WORK TOOL APPLICATION															
	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
AlTiN	★	★	★	☆	☆	☆									☆	☆
DLC							☆	★	☆	☆	★	★	★			
Uncoated							☆	☆	☆	★	☆	☆	☆	☆		☆

★ : Priority ☆ : Applicable Materials

Recommended Cutting Conditions Page L221

Symbol Descriptions Page L3

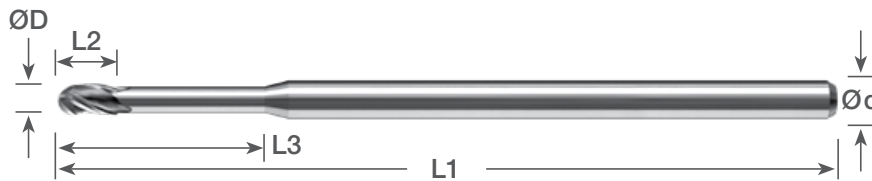
3 FLUTE

EXTENDED REACH STUB LENGTH BALL NOSE END MILLS

0.0938" - 0.2500" DIAMETER

Mirror Surface Finishes

Sub Micron Grain Carbide



EXTENDED Reach STUB Length (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
1755-0938.279	●	1755-0938L279	●	1755-0938D279	■	0.0938 (3/32)	1/8	2 1/2	0.139	0.279
1755-0938.500	●	1755-0938L500	●	1755-0938D500	■	0.0938 (3/32)	1/8	2 1/2	0.139	0.500
1755-0938.750	●	1755-0938L750	●	1755-0938D750	■	0.0938 (3/32)	1/8	2 1/2	0.139	0.750
1755-0938.950	●	1755-0938L950	●	1755-0938D950	■	0.0938 (3/32)	1/8	2 1/2	0.139	0.950
1755-0938.1125	●	1755-0938L1125	●	1755-0938D1125	■	0.0938 (3/32)	1/8	2 1/2	0.139	1.125
1755-0938.1400	●	1755-0938L1400	●	1755-0938D1400	■	0.0938 (3/32)	1/8	3	0.139	1.400
1755-0938.1675	●	1755-0938L1675	●	1755-0938D1675	■	0.0938 (3/32)	1/8	3	0.139	1.675
1755-0938.1875	●	1755-0938L1875	●	1755-0938D1875	■	0.0938 (3/32)	1/8	4	0.139	1.875
1755-0938.2312	●	1755-0938L2312	●	1755-0938D2312	■	0.0938 (3/32)	1/8	4	0.139	2.312
1755-0950.500	●	1755-0950L500	●	1755-0950D500	■	0.0950	1/8	2 1/2	0.142	0.500
1755-0950.750	●	1755-0950L750	●	1755-0950D750	■	0.0950	1/8	2 1/2	0.142	0.750
1755-1000.500	●	1755-1000L500	●	1755-1000D500	■	0.1000	1/8	2 1/2	0.150	0.500
1755-1000.800	●	1755-1000L800	●	1755-1000D800	■	0.1000	1/8	2 1/2	0.150	0.800
1755-1250.625	●	1755-1250L625	●	1755-1250D625	■	0.1250 (1/8)	1/8	2 1/2	0.187	0.625
1755-1250.1000	●	1755-1250L1000	●	1755-1250D1000	■	0.1250 (1/8)	1/8	2 1/2	0.187	1.000
1755-1250.1250	●	1755-1250L1250	●	1755-1250D1250	■	0.1250 (1/8)	1/8	2 1/2	0.187	1.250
1755-1250.1500	●	1755-1250L1500	●	1755-1250D1500	■	0.1250 (1/8)	1/8	3	0.187	1.500
1755-1250.1875	●	1755-1250L1875	●	1755-1250D1875	■	0.1250 (1/8)	1/8	3	0.187	1.875
1755-1250.2250	●	1755-1250L2250	●	1755-1250D2250	■	0.1250 (1/8)	1/8	4	0.187	2.250
1755-1250.2500	●	1755-1250L2500	●	1755-1250D2500	■	0.1250 (1/8)	1/8	4	0.187	2.500
1755-1250.3125	●	1755-1250L3125	●	1755-1250D3125	■	0.1250 (1/8)	1/8	4	0.187	3.125
1755-1562.750	●	1755-1562L750	●	1755-1562D750	■	0.1562 (5/32)	3/16	3	0.234	0.750
1755-1562.1250	●	1755-1562L1250	●	1755-1562D1250	■	0.1562 (5/32)	3/16	3	0.234	1.250
1755-1875.1000	●	1755-1875L1000	●	1755-1875D1000	■	0.1875 (3/16)	3/16	3	0.281	1.000
1755-1875.1500	●	1755-1875L1500	●	1755-1875D1500	■	0.1875 (3/16)	3/16	3	0.281	1.500
1755-1875.1875	●	1755-1875L1875	●	1755-1875D1875	■	0.1875 (3/16)	3/16	4	0.281	1.875
1755-1875.2250	●	1755-1875L2250	●	1755-1875D2250	■	0.1875 (3/16)	3/16	4	0.281	2.250
1755-1875.2812	●	1755-1875L2812	●	1755-1875D2812	■	0.1875 (3/16)	3/16	4	0.281	2.812
1755-2500.1250	●	1755-2500L1250	●	1755-2500D1250	■	0.2500 (1/4)	1/4	4	0.375	1.250
1755-2500.2000	●	1755-2500L2000	●	1755-2500D2000	■	0.2500 (1/4)	1/4	4	0.375	2.000
1755-2500.2500	●	1755-2500L2500	●	1755-2500D2500	■	0.2500 (1/4)	1/4	4	0.375	2.500
1755-2500.3000	●	1755-2500L3000	●	1755-2500D3000	■	0.2500 (1/4)	1/4	6	0.375	3.000
1755-2500.3750	●	1755-2500L3750	●	1755-2500D3750	■	0.2500 (1/4)	1/4	6	0.375	3.750

Neck Diameter = 0.95 X Cutting Diameter

*DLC is Amorphous Diamond

SERIES 1755 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	Brass	CFRP	Plastic	Thermoplastic	High Density Plastic	Nickel / Cobalt
AlTiN	★	★	★	☆	☆	☆									☆
DLC							☆	★	☆	☆	★	★	★		
Uncoated							☆	☆	☆	★	☆	☆	☆	☆	☆

★ : Priority ☆ : Applicable Materials

Recommended Cutting Conditions Page L221, L223

Symbol Descriptions Page L3

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

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