

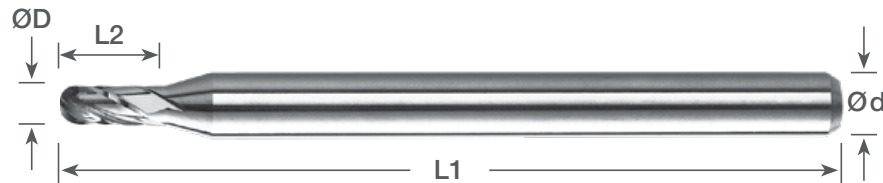
4 FLUTE

STUB LENGTH BALL NOSE END MILLS

0.0100" - 0.0394" DIAMETER

Mirror Surface Finishes

Sub Micron Grain Carbide



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
1835-0100.015	●	1835-0100L015	●	1835-0100D015	■	0.0100	1/8	1 1/2	0.015
1835-0110.016	●	1835-0110L016	●	1835-0110D016	■	0.0110	1/8	1 1/2	0.016
1835-0120.018	●	1835-0120L018	●	1835-0120D018	■	0.0120	1/8	1 1/2	0.018
1835-0130.019	●	1835-0130L019	●	1835-0130D019	■	0.0130	1/8	1 1/2	0.019
1835-0140.021	●	1835-0140L021	●	1835-0140D021	■	0.0140	1/8	1 1/2	0.021
1835-0156.023	●	1835-0156L023	●	1835-0156D023	■	0.0156 (1/64)	1/8	1 1/2	0.023
1835-0160.024	●	1835-0160L024	●	1835-0160D024	■	0.0160	1/8	1 1/2	0.024
1835-0170.026	●	1835-0170L026	●	1835-0170D026	■	0.0170	1/8	1 1/2	0.026
1835-0180.027	●	1835-0180L027	●	1835-0180D027	■	0.0180	1/8	1 1/2	0.027
1835-0190.029	●	1835-0190L029	●	1835-0190D029	■	0.0190	1/8	1 1/2	0.029
1835-0200.030	●	1835-0200L030	●	1835-0200D030	■	0.0200	1/8	1 1/2	0.030
1835-0210.031	●	1835-0210L031	●	1835-0210D031	■	0.0210	1/8	1 1/2	0.031
1835-0220.033	●	1835-0220L033	●	1835-0220D033	■	0.0220	1/8	1 1/2	0.033
1835-0230.035	●	1835-0230L035	●	1835-0230D035	■	0.0230	1/8	1 1/2	0.035
1835-0240.036	●	1835-0240L036	●	1835-0240D036	■	0.0240	1/8	1 1/2	0.036
1835-0250.037	●	1835-0250L037	●	1835-0250D037	■	0.0250	1/8	1 1/2	0.037
1835-0260.039	●	1835-0260L039	●	1835-0260D039	■	0.0260	1/8	1 1/2	0.039
1835-0270.041	●	1835-0270L041	●	1835-0270D041	■	0.0270	1/8	1 1/2	0.041
1835-0280.042	●	1835-0280L042	●	1835-0280D042	■	0.0280	1/8	1 1/2	0.042
1835-0290.043	●	1835-0290L043	●	1835-0290D043	■	0.0290	1/8	1 1/2	0.043
1835-0300.045	●	1835-0300L045	●	1835-0300D045	■	0.0300	1/8	1 1/2	0.045
1835-0312.047	●	1835-0312L047	●	1835-0312D047	■	0.0312 (1/32)	1/8	1 1/2	0.047
1835-0320.048	●	1835-0320L048	●	1835-0320D048	■	0.0320	1/8	1 1/2	0.048
1835-0330.049	●	1835-0330L049	●	1835-0330D049	■	0.0330	1/8	1 1/2	0.049
1835-0340.051	●	1835-0340L051	●	1835-0340D051	■	0.0340	1/8	1 1/2	0.051
1835-0350.052	●	1835-0350L052	●	1835-0350D052	■	0.0350	1/8	1 1/2	0.052
1835-0360.054	●	1835-0360L054	●	1835-0360D054	■	0.0360	1/8	1 1/2	0.054
1835-0370.055	●	1835-0370L055	●	1835-0370D055	■	0.0370	1/8	1 1/2	0.055
1835-0380.057	●	1835-0380L057	●	1835-0380D057	■	0.0380	1/8	1 1/2	0.057
1835-0394.058	●	1835-0394L058	●	1835-0394D058	■	0.0394	1/8	1 1/2	0.058

*DLC is Amorphous Diamond

L
SOLID
TOOLS

DRILLS

END MILLS

ROUTERS

THREAD MILLS
& TAPS

ENGRAVERS

BORING
BARS

REAMERS

TECHNICAL

SERIES 1835 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

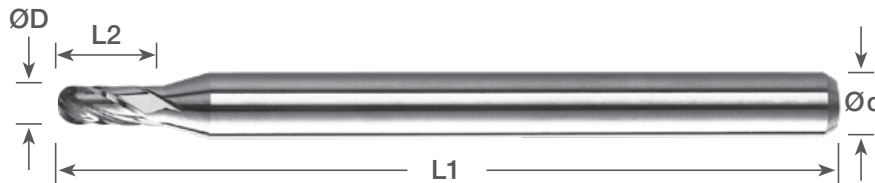
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STUB LENGTH BALL NOSE END MILLS

0.0400" - 0.2500" DIAMETER

Mirror Surface Finishes

Sub Micron Grain Carbide



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
1835-0400.060	●	1835-0400L060	●	1835-0400D060	■	0.0400	1/8	1 1/2	0.060
1835-0450.067	●	1835-0450L067	●	1835-0450D067	■	0.0450	1/8	1 1/2	0.067
1835-0469.070	●	1835-0469L070	●	1835-0469D070	■	0.0469 (3/64)	1/8	1 1/2	0.070
1835-0500.075	●	1835-0500L075	●	1835-0500D075	■	0.0500	1/8	1 1/2	0.075
1835-0550.082	●	1835-0550L082	●	1835-0550D082	■	0.0550	1/8	1 1/2	0.082
1835-0600.090	●	1835-0600L090	●	1835-0600D090	■	0.0600	1/8	1 1/2	0.090
1835-0625.094	●	1835-0625L094	●	1835-0625D094	■	0.0625 (1/16)	1/8	1 1/2	0.094
1835-0650.097	●	1835-0650L097	●	1835-0650D097	■	0.0650	1/8	1 1/2	0.097
1835-0700.105	●	1835-0700L105	●	1835-0700D105	■	0.0700	1/8	1 1/2	0.105
1835-0750.112	●	1835-0750L112	●	1835-0750D112	■	0.0750	1/8	1 1/2	0.112
1835-0781.117	●	1835-0781L117	●	1835-0781D117	■	0.0781 (5/64)	1/8	1 1/2	0.117
1835-0800.120	●	1835-0800L120	●	1835-0800D120	■	0.0800	1/8	1 1/2	0.120
1835-0850.127	●	1835-0850L127	●	1835-0850D127	■	0.0850	1/8	1 1/2	0.127
1835-0900.135	●	1835-0900L135	●	1835-0900D135	■	0.0900	1/8	1 1/2	0.135
1835-0938.141	●	1835-0938L141	●	1835-0938D141	■	0.0938 (3/32)	1/8	1 1/2	0.141
1835-0950.142	●	1835-0950L142	●	1835-0950D142	■	0.0950	1/8	1 1/2	0.142
1835-1000.150	●	1835-1000L150	●	1835-1000D150	■	0.1000	1/8	1 1/2	0.150
1835-1094.164	●	1835-1094L164	●	1835-1094D164	■	0.1094 (7/64)	1/8	1 1/2	0.164
1835-1181.178	●	1835-1181L178	●	1835-1181D178	■	0.1181	1/8	1 1/2	0.178
1835-1250.188	●	1835-1250L188	●	1835-1250D188	■	0.1250 (1/8)	1/8	1 1/2	0.188
1835-1406.211	●	1835-1406L211	●	1835-1406D211	■	0.1406 (9/64)	3/16	2	0.211
1835-1563.234	●	1835-1563L234	●	1835-1563D234	■	0.1563 (5/32)	3/16	2	0.234
1835-1719.258	●	1835-1719L258	●	1835-1719D258	■	0.1719 (11/64)	3/16	2	0.258
1835-1875.281	●	1835-1875L281	●	1835-1875D281	■	0.1875 (3/16)	3/16	2	0.281
1835-1875.312	●	1835-1875L312	●	1835-1875D312	■	0.1875 (3/16)	3/16	2	0.312
1835-2031.305	●	1835-2031L305	●	1835-2031D305	■	0.2031 (13/64)	1/4	2 1/2	0.305
1835-2188.328	●	1835-2188L328	●	1835-2188D328	■	0.2188 (7/32)	1/4	2 1/2	0.328
1835-2344.352	●	1835-2344L352	●	1835-2344D352	■	0.2344 (15/64)	1/4	2 1/2	0.352
1835-2500.375	●	1835-2500L375	●	1835-2500D375	■	0.2500 (1/4)	1/4	2 1/2	0.375

*DLC is Amorphous Diamond

SERIES 1835 WORKPIECE MATERIAL														
Coating	P	P	H	H	M	K	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	Thermoset Plastic	High Density Plastic
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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 (International) 001.714.428.3636
 Visit us online at KyoceraPrecisionTools.com

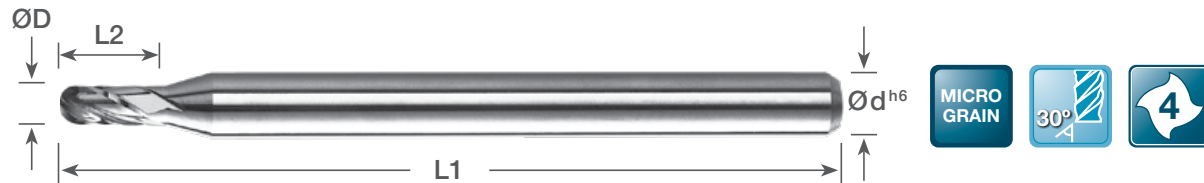
4 FLUTE

STUB LENGTH BALL NOSE END MILLS

0.40mm - 6.00mm DIAMETER

Mirror Surface Finishes

Sub Micron Grain Carbide



STUB Length (Metric Sizes)

Uncoated		AlTiN Coating		Dimensions (mm)			
Part Number	Stock	Part Number	Stock	$\varnothing D_{+0.00mm/-0.02mm}$	$\varnothing d^{h6}$	L1	L2
1835-0157.024	●	1835-0157L024	●	0.40	3.00	38.00	0.60
1835-0177.027	●	1835-0177L027	●	0.45	3.00	38.00	0.68
1835-0197.030	●	1835-0197L030	●	0.50	3.00	38.00	0.75
1835-0236.035	●	1835-0236L035	●	0.60	3.00	38.00	0.90
1835-0276.041	●	1835-0276L041	●	0.70	3.00	38.00	1.05
1835-0315.047	●	1835-0315L047	●	0.80	3.00	38.00	1.20
1835-0354.053	●	1835-0354L053	●	0.90	3.00	38.00	1.35
1835-0394.059	●	1835-0394L059	●	1.00	3.00	38.00	1.50
1835-0591.089	●	1835-0591L089	●	1.50	3.00	38.00	2.25
1835-0787.118	●	1835-0787L118	●	2.00	3.00	38.00	3.00
1835-0984.148	●	1835-0984L148	●	2.50	3.00	38.00	3.75
1835-1181.177	●	1835-1181L177	●	3.00	3.00	38.00	4.50
1835-1378.207	●	1835-1378L207	●	3.50	4.00	50.00	5.25
1835-1575.236	●	1835-1575L236	●	4.00	5.00	50.00	6.00
1835-1772.266	●	1835-1772L266	●	4.50	5.00	50.00	6.75
1835-1968.295	●	1835-1968L295	●	5.00	5.00	50.00	7.50
1835-2165.325	●	1835-2165L325	●	5.50	6.00	50.00	8.25
1835-2362.354	●	1835-2362L354	●	6.00	6.00	50.00	9.00

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

SERIES 1835 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	★	★	★	☆	☆	☆	☆	☆	☆	★	☆	☆	☆	☆	☆	☆
Uncoated							☆	☆	☆							☆

★ : Priority ☆ : Applicable Materials

Recommended Cutting Conditions Page L222, L224

Symbol Descriptions Page L3