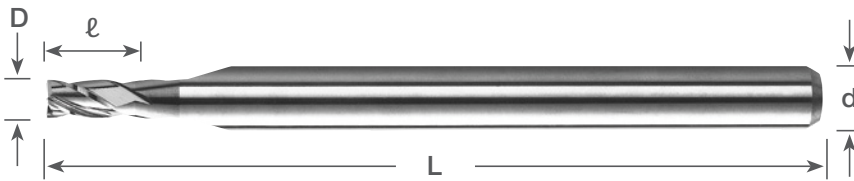


4 FLUTE

0.0400" - 0.2500" DIAMETER

STUB LENGTH SQUARE END MILLS
GENERAL PURPOSE MACHINING

Mirror Surface Finishes
Sub Micron Grain Carbide



STUB Length (Inch Sizes)

	Dimensions (in)				Uncoated		AlTiN Coating		NEW DLC Coating	
	D ^{+0.000} / _{-0.001}	d	ℓ	L	Part Number	Stock	Part Number	Stock	Part Number	Stock
NEW	0.0400	1/8	0.060	1 1/2	1820-0400.060	●	1820-0400L060	●	1820-0400D060	■
NEW	0.0450	1/8	0.067	1 1/2	1820-0450.067	●	1820-0450L067	●	1820-0450D067	■
	0.0469 (3/64)	1/8	0.070	1 1/2	1820-0469.070	●	1820-0469L070	●	1820-0469D070	■
NEW	0.0500	1/8	0.075	1 1/2	1820-0500.075	●	1820-0500L075	●	1820-0500D075	■
NEW	0.0550	1/8	0.082	1 1/2	1820-0550.082	●	1820-0550L082	●	1820-0550D082	■
NEW	0.0600	1/8	0.090	1 1/2	1820-0600.090	●	1820-0600L090	●	1820-0600D090	■
	0.0625 (1/16)	1/8	0.094	1 1/2	1820-0625.094	●	1820-0625L094	●	1820-0625D094	■
NEW	0.0650	1/8	0.097	1 1/2	1820-0650.097	●	1820-0650L097	●	1820-0650D097	■
NEW	0.0700	1/8	0.105	1 1/2	1820-0700.105	●	1820-0700L105	●	1820-0700D105	■
NEW	0.0750	1/8	0.112	1 1/2	1820-0750.112	●	1820-0750L112	●	1820-0750D112	■
NEW	0.0781 (5/64)	1/8	0.117	1 1/2	1820-0781.117	●	1820-0781L117	●	1820-0781D117	■
	0.0781 (5/64)	1/8	0.125	1 1/2	1820-0781.125	●	1820-0781L125	●	1820-0781D125	■
NEW	0.0800	1/8	0.120	1 1/2	1820-0800.120	●	1820-0800L120	●	1820-0800D120	■
NEW	0.0850	1/8	0.127	1 1/2	1820-0850.127	●	1820-0850L127	●	1820-0850D127	■
NEW	0.0900	1/8	0.135	1 1/2	1820-0900.135	●	1820-0900L135	●	1820-0900D135	■
	0.0938 (3/32)	1/8	0.141	1 1/2	1820-0938.141	●	1820-0938L141	●	1820-0938D141	■
NEW	0.0950	1/8	0.142	1 1/2	1820-0950.142	●	1820-0950L142	●	1820-0950D142	■
NEW	0.1000	1/8	0.150	1 1/2	1820-1000.150	●	1820-1000L150	●	1820-1000D150	■
NEW	0.1050	1/8	0.158	1 1/2	1820-1050.158	●	1820-1050L158	●	1820-1050D158	■
	0.1094 (7/64)	1/8	0.172	1 1/2	1820-1094.172	●	1820-1094L172	●	1820-1094D172	■
NEW	0.1100	1/8	0.165	1 1/2	1820-1100.165	●	1820-1100L165	●	1820-1100D165	■
NEW	0.1150	1/8	0.173	1 1/2	1820-1150.173	●	1820-1150L173	●	1820-1150D173	■
NEW	0.1181	1/8	0.178	1 1/2	1820-1181.178	●	1820-1181L178	●	1820-1181D178	■
NEW	0.1200	1/8	0.180	1 1/2	1820-1200.180	●	1820-1200L180	●	1820-1200D180	■
	0.1250 (1/8)	1/8	0.188	1 1/2	1820-1250.188	●	1820-1250L188	●	1820-1250D188	■
	0.1406 (9/64)	3/16	0.313	2	1820-1406.313	●	1820-1406L313	●	1820-1406D313	■
	0.1563 (5/32)	3/16	0.234	2	1820-1563.234	●	1820-1563L234	●	1820-1563D234	■
	0.1719 (11/64)	3/16	0.375	2	1820-1719.375	●	1820-1719L375	●	1820-1719D375	■
NEW	0.1875 (3/16)	3/16	0.312	2	1820-1875.312	●	1820-1875L312	●	1820-1875D312	■
	0.1875 (3/16)	3/16	0.375	2	1820-1875.375	●	1820-1875L375	●	1820-1875D375	■
	0.2031 (13/64)	1/4	0.438	2 1/2	1820-2031.438	●	1820-2031L438	●	1820-2031D438	■
	0.2188 (7/32)	1/4	0.438	2 1/2	1820-2188.438	●	1820-2188L438	●	1820-2188D438	■
	0.2344 (15/64)	1/4	0.500	2 1/2	1820-2344.500	●	1820-2344L500	●	1820-2344D500	■
NEW	0.2500 (1/4)	1/4	0.375	2 1/2	1820-2500.375	●	1820-2500L375	●	1820-2500D375	■
	0.2500 (1/4)	1/4	0.500	2 1/2	1820-2500.500	●	1820-2500L500	●	1820-2500D500	■

SERIES 1820 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

Symbol Descriptions Page 7