HIGH PERFORMANCE
END MILLS



FULLERTON
TOOL COMPANY



AVAILABLE IN

4 | 5 | CENTER CUTTING | SD STB XL | FC21 | 5

Unsurpassed performance milling aerospace high temp alloys.

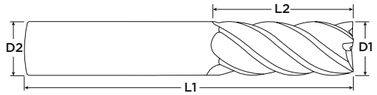
Staggered Flute Geometry limits vibration.

Enhanced flute design improves chip control and reduces cutting forces allowing more aggressive feeds and speeds.

Produces superior part finishes.

FC-21 coating resists fatigue and micro-chipping.

h6 tolerance for conventional and shrink fit applications.



TOLERANCES	DIAMETER	SHANK	VARIABLE HELIX
	+.000"-.002"	h6	
	+0.000mm-0.050mm		

D1	L2	D2	L1	SQ	0.010 R	0.015 R	0.020 R	0.030 R	0.060 R	0.090 R	0.120 R	0.190 R	0.250 R
1/8	1/4	1/8	1 1/2	36400	36417	36418	-	36419	-	-	-	-	-
	1/2	1/8	2	36401	36420	36421	-	36422	-	-	-	-	-
3/16	5/16	3/16	2	36402	36496	36424	-	36426	-	-	-	-	-
	9/16	3/16	2	36403	36497	36428	-	36430	-	-	-	-	-
1/4	1/2	1/4	2 1/2	36404	-	36432	36498	36434	36435	-	-	-	-
	3/4	1/4	2 1/2	36405	-	36436	36499	36438	36439	-	-	-	-
	1	1/4	3	36406	-	36440	36500	36442	36441	-	-	-	-
5/16	13/16	5/16	2 1/2	36407	-	36443	-	36444	-	-	-	-	-
3/8	1/2	3/8	2 1/2	36408	-	36445	36501	36447	36489	-	-	-	-
	1	3/8	3	36409	36448	36449	36450	36451	36490	-	-	-	-
1/2	5/8	1/2	2 1/2	36410	36452	36453	36454	36455	36456	-	36457	-	-
	1	1/2	3	36411	36458	36459	36460	36461	36462	-	36463	-	-
	1 1/4	1/2	3	36412	36464	36465	36466	36467	36468	-	36469	-	-
	1 5/8	1/2	4	36502	-	36503	36504	36505	36506	-	36507	-	-
5/8	3/4	5/8	3	36508	-	36509	36510	36486	36511	-	36512	-	-
	1 1/4	5/8	3 1/2	36415	-	-	-	36446	36437	-	36433	-	-
	1 5/8	5/8	3 1/2	36413	-	-	-	36470	36471	-	36472	-	-
3/4	1	3/4	3	36491	-	36492	-	36493	36494	-	36495	-	-
	1 5/8	3/4	4	36414	-	-	-	36473	36474	-	36475	-	-
	2 1/4	3/4	5	-	-	-	-	36476	36477	36425	36478	-	-
1	1 1/4	1	4	36427	-	-	-	36429	36431	-	36423	36482	36483
	2	1	4 1/2	36416	-	-	-	36479	36480	-	36481	36484	36485

EXPLORE THE COMPLETE OFFERING!



V-MAC VICOR+

AVAILABLE IN

CENTER CUTTING · SD XL · FC21 · 5

Chip splitters optimize material chip lengths for improved chip evacuation.

Unsurpassed performance milling aerospace high temp alloys.

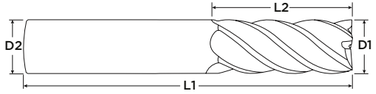
Staggered Flute Geometry limits vibration.

Enhanced flute design improves chip control and reduces cutting forces allowing more aggressive feeds and speeds.

Produces superior part finishes.

FC-21 coating resists fatigue and micro-chipping.

h6 tolerance for conventional and shrink fit applications.



TOLERANCES	DIAMETER	SHANK	VARIABLE HELIX
	+.000"-.002"	h6	
	+0.000mm-0.050mm		

DIA	LOC	SHANK	OAL	0.020 R	0.030 R	0.060 R
1/4	1	1/4	3	36532	36533	-
3/8	1	3/8	3	36534	36535	-
1/2	1	1/2	3	-	36536	36537
	1 1/4	1/2	3	-	36538	36539
	1 5/8	1/2	4	-	36540	-
5/8	1 5/8	5/8	3 1/2	-	36541	36542
3/4	1 5/8	3/4	4	-	36543	36544
	2 1/4	3/4	5	-	36545	36546
1	2	1	4 1/2	-	36547	-

EXPLORE THE COMPLETE OFFERING!



AVAILABLE IN

CENTER CUTTING | SD STB XL | FC21 | 4

Engineered helix reduces torque-induced deflection for precise machining in demanding materials.

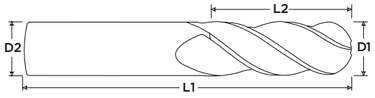
Tuned rake & relief shifts cutting loads into optimized tensile forces along the tool axis for longer life and smoother performance.

Designed for coolant-rich environments giving you improved chip evacuation, lubricity, and improved thermal management.

Delivers controlled cutting forces snd superior stability.

FC-21 coating. Fullerton's HP coating that significantly reduces operating cutting temperatures.

h6 tolerance for conventional and shrink fit applications.



TOLERANCES	DIAMETER	SHANK	VARIABLE HELIX
	+.0000"-.002"	h6	
	+0.00mm -0.05mm		

DIA	LOC	SHANK	OAL	FC21
1/8	1/4	1/8	1 1/2	36700
	1/2	1/8	2	36701
3/16	5/16	3/16	2	36702
	9/16	1/8	2 1/2	36703
	3/4	3/16	2 1/2	36704
1/4	3/8	1/4	2	36705
	1/2	1/4	2 1/2	36706
	3/4	1/4	3	36707
	1	1/4	3	36708
5/16	3/4	5/16	2 1/2	36709
3/8	1/2	3/8	2 1/2	36710
	3/4	3/8	2 1/2	36711
	1	3/8	3	36712
	1 1/4	3/8	3	36713
	1 1/2	3/8	3 1/2	36714
1/2	5/8	1/2	2 1/2	36715
	1 1/4	1/2	3	36716
	1	1/2	4	36717
	1 5/8	1/2	4	36718
	2	1/2	4	36719
5/8	1 1/2	5/8	3 1/2	36720
3/4	1 1/2	3/4	4	36721



AVAILABLE IN

CENTER CUTTING · SD STB XL · FC20 · 4

Dominates in Stainless Steels, Super Alloys and Titanium.

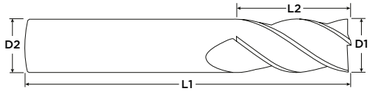
Performs exceptionally in high-speed machining and full diameter milling.

Tool versatility that results in higher productivity, less tool changes and longer tool life.

Produces excellent surface finishes.

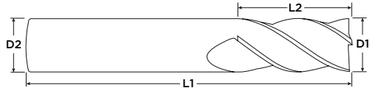
FC-20 coating. Fullerton's HP coating that significantly reduces operating cutting temperatures.

h6 tolerance for conventional and shrink fit applications.



TOLERANCES	DIAMETER	SHANK	VARIABLE HELIX
	+.0000"-.002"	h6	
	+0.00mm -0.05mm		

D1	L2	D2	L1	SQ	0.010 R	0.020 R	0.030 R	0.060 R	0.090 R	0.120 R	0.25 R	BALL
1/8	1/4	1/8	1-1/2	35008	35096	35147	-	-	-	-	-	35003
	1/2	1/8	2	35016	35097	35148	-	-	-	-	-	35004
3/16	5/16	3/16	2	35043	35102	35153	35198	-	-	-	-	35009
	9/16	3/16	2-1/2	35046	35103	35154	35199	-	-	-	-	35010
	3/4	3/16	2-1/2	35050	35104	35155	35200	-	-	-	-	35011
1/4	3/8	1/4	2	35067	35110	35161	35206	35305	-	-	-	35017
	1/2	1/4	2-1/2	35071	35111	35162	35207	35306	-	-	-	35018
	3/4	1/4	2-1/2	35074	35112	35163	35208	35307	-	-	-	35019
	1	1/4	3	35078	35113	35164	35209	35308	-	-	-	35020
5/16	1/2	5/16	2	35081	35115	-	35211	-	-	-	-	35022
	3/4	5/16	2-1/2	35084	35116	35167	35212	35311	-	-	-	35023
	1	5/16	3	35087	35117	35168	35213	35312	-	-	-	-
3/8	1/2	3/8	2-1/2	35095	35121	35172	35217	35316	35381	-	-	35028
	3/4	3/8	2-1/2	35098	35122	35173	35218	-	35382	-	-	35029
	1	3/8	3	35101	35123	35174	35219	35318	35383	-	-	35030
	1-1/4	3/8	3	35109	35124	35175	35220	35319	-	-	-	35031
	1-1/2	3/8	3-1/2	35114	35125	35176	35221	-	-	-	-	35032
1/2	5/8	1/2	2-1/2	35183	35137	35188	35233	35332	-	35484	-	35044
	1	1/2	3	35187	35138	35189	35234	35333	35398	35485	-	35045
	1-1/4	1/2	3	35190	35140	35191	35236	35335	35400	35487	-	35047
	1-5/8	1/2	4	35194	35141	35192	35237	35336	-	35488	-	35048
	2	1/2	4	35197	35142	-	35238	-	-	35489	-	35049

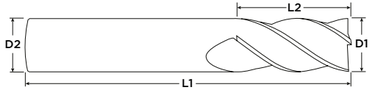


EDP offering continued from previous page.

D1	L2	D2	L1	SQ	0.010 R	0.020 R	0.030 R	0.060 R	0.090 R	0.120 R	0.25 R	BALL
5/8	3/4	5/8	3	35205	-	-	-	-	-	-	-	-
	3/4	5/8	3-1/2	-	-	-	35240	-	-	35491	-	35051
	1-1/4	5/8	3-1/2	35210	-	-	35241	-	-	-	-	35052
	1-5/8	5/8	3-1/2	35228	-	-	35243	35342	-	-	-	35054
	2	5/8	4	35232	-	-	35244	-	-	35495	-	35055
	2-1/2	5/8	5	-	-	-	35245	-	-	35496	-	35056
3/4	1	3/4	3	35256	-	-	35254	35353	35418	35505	-	35065
	1-1/2	3/4	4	35260	-	-	35255	35354	-	35506	-	35066
	2	3/4	5	35265	-	-	35257	35356	35421	35508	35536	35068
	2-1/4	3/4	5	35275	-	-	35258	-	-	-	35537	35069
	3-1/4	3/4	6	35279	-	-	35259	-	-	-	35538	35070
1	1-1/4	1	4	35331	-	-	-	35373	-	-	-	35085
	2	1	4-1/2	35334	-	-	-	35374	-	-	-	35086
	2-5/8	1	5	-	-	-	-	35376	-	35528	-	-
	3-1/4	1	6	35341	-	-	-	-	-	-	35557	35089



CENTER CUTTING | SD STB | FC20 | 4



TOLERANCES	DIAMETER	SHANK	VARIABLE HELIX
	+.0000"-.002"	h6	
	+0.00mm -0.05mm		

D1	L2	D2	L1	0.010 R	0.020 R	0.030 R	0.060 R
1/4	3/4	1/4	2 1/2	35600	-	-	-
3/8	1	3/8	3	–	35602	-	-
1/2	1	1/2	3	–	-	35605	-
	1 1/4	1/2	3	–	-	35606	-
5/8	1 1/4	5/8	3 1/2	-	-	35607	-
3/4	1 1/2	3/4	4	-	-	35608	-
	2	3/4	5	-	-	-	35609
1	2 5/8	1	5	-	-	-	35612

EXPLORE THE COMPLETE OFFERING!

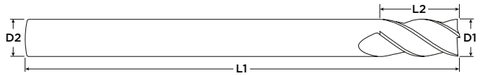
3500SM

P STEEL | M STAINLESS | S SUPERALLOY | H HARDENED

CENTER CUTTING | FC20 | STB | 4

MICRO SERIES

1.5xD



TOLERANCES	DIAMETER	SHANK	T.I.R.	OAL	VARIABLE HELIX
	+.0003"-.0003"	h6	≤.0002"	±.062"	
	+0.0076mm-0.0076mm				

D1		L2		L1	D2	LENGTH	FC20
	.0100	STB (1.5 x D)	.0150	1 1/2	1/8	STB	35961
	.0150	STB (1.5 x D)	.0225	1 1/2	1/8	STB	35962
1/64	.0156	STB (1.5 x D)	.0234	1 1/2	1/8	STB	35900
	.0200	STB (1.5 x D)	.0300	1 1/2	1/8	STB	35963
	.0250	STB (1.5 x D)	.0375	1 1/2	1/8	STB	35932
1/32	.0312	STB (1.5 x D)	.0468	1 1/2	1/8	STB	35904
	.0350	STB (1.5 x D)	.0525	1 1/2	1/8	STB	35933
	.0400	STB (1.5 x D)	.0600	1 1/2	1/8	STB	35934
3/64	.0469	STB (1.5 x D)	.0703	1 1/2	1/8	STB	35908
	.0500	STB (1.5 x D)	.0750	1 1/2	1/8	STB	35935
	.0550	STB (1.5 x D)	.0825	1 1/2	1/8	STB	35936
	.0600	STB (1.5 x D)	.0900	1 1/2	1/8	STB	35937
1/16	.0625	STB (1.5 x D)	.0938	1 1/2	1/8	STB	35911
	.0650	STB (1.5 x D)	.0975	1 1/2	1/8	STB	35938
	.0700	STB (1.5 x D)	.1050	1 1/2	1/8	STB	35939
	.0750	STB (1.5 x D)	.1125	1 1/2	1/8	STB	35940
5/64	.0781	STB (1.5 x D)	.1172	1 1/2	1/8	STB	35915
	.0800	STB (1.5 x D)	.1200	1 1/2	1/8	STB	35941
	.0850	STB (1.5 x D)	.1275	1 1/2	1/8	STB	35942
3/32	.0938	STB (1.5 x D)	.1406	1 1/2	1/8	STB	35919
	.0950	STB (1.5 x D)	.1425	1 1/2	1/8	STB	35943
	.1000	STB (1.5 x D)	.1500	1 1/2	1/8	STB	35944
7/64	.1094	STB (1.5 x D)	.1641	1 1/2	1/8	STB	35923
1/8	.1250	STB (1.5 x D)	.1875	1 1/2	1/8	STB	35927

CENTER CUTTING | FC20 | SD | 4

MICRO SERIES

3xD



TOLERANCES	DIAMETER	SHANK	T.I.R.	OAL	VARIABLE HELIX
	+.0003"-.0003"	h6	≤.0002"	±.062"	
	+0.0076mm-0.0076mm				



D1		L2		L1	D2	LENGTH	FC20
	.0100	SD (3 x D)	.0300	1 1/2	1/8	SD	35945
	.0150	SD (3 x D)	.0450	1 1/2	1/8	SD	35946
1/64	.0156	SD (3 x D)	.0469	1 1/2	1/8	SD	35901
	.0200	SD (3 x D)	.0600	1 1/2	1/8	SD	35947
	.0250	SD (3 x D)	.0750	1 1/2	1/8	SD	35948
1/32	.0312	SD (3 x D)	.0936	1 1/2	1/8	SD	35905
	.0350	SD (3 x D)	.1050	1 1/2	1/8	SD	35949
	.0400	SD (3 x D)	.1200	1 1/2	1/8	SD	35950
3/64	.0469	SD (3 x D)	.1406	1 1/2	1/8	SD	35909
	.0500	SD (3 x D)	.1500	1 1/2	1/8	SD	35951
	.0550	SD (3 x D)	.1650	1 1/2	1/8	SD	35952
	.0600	SD (3 x D)	.1800	1 1/2	1/8	SD	35953
1/16	.0625	SD (3 x D)	.1875	1 1/2	1/8	SD	35912
	.0650	SD (3 x D)	.1950	1 1/2	1/8	SD	35954
	.0700	SD (3 x D)	.2100	1 1/2	1/8	SD	35955
	.0750	SD (3 x D)	.2250	1 1/2	1/8	SD	35956
5/64	.0781	SD (3 x D)	.2344	1 1/2	1/8	SD	35916
	.0800	SD (3 x D)	.2400	1 1/2	1/8	SD	35957
	.0850	SD (3 x D)	.2550	1 1/2	1/8	SD	35958
3/32	.0938	SD (3 x D)	.2813	1 1/2	1/8	SD	35920
	.0950	SD (3 x D)	.2850	1 1/2	1/8	SD	35959
	.1000	SD (3 x D)	.3000	1 1/2	1/8	SD	35960
7/64	.1094	SD (3 x D)	.3281	1 1/2	1/8	SD	35924
1/8	.1250	SD (3 x D)	.3750	1 1/2	1/8	SD	35928

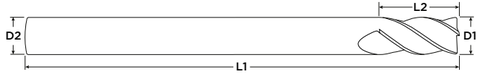
3500SM

P STEEL | M STAINLESS | S SUPERALLOY | H HARDENED

CENTER CUTTING | FC20 | STB | 4

MICRO SERIES

1.5xD



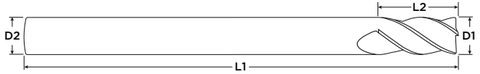
TOLERANCES	DIAMETER	SHANK	T.I.R.	OAL	VARIABLE HELIX
	+.0003"-.0003"	h6	≤.0002"	±.062"	
	+0.0076mm-0.0076mm				

D1		L2		L1	D2	LENGTH	0.003 R	0.005 R	0.010 R	0.015 R	0.020 R	0.030 R	0.040 R
	.0100	STB (1.5 x D)	.0150	1 1/2	1/8	STB	35964	-	-	-	-	-	-
	.0150	STB (1.5 x D)	.0225	1 1/2	1/8	STB	35966	-	-	-	-	-	-
1/64	.0156	STB (1.5 x D)	.0234	1 1/2	1/8	STB	35968	-	-	-	-	-	-
	.0200	STB (1.5 x D)	.0300	1 1/2	1/8	STB	35970	35971	-	-	-	-	-
	.0250	STB (1.5 x D)	.0375	1 1/2	1/8	STB	35974	35975	-	-	-	-	-
1/32	.0312	STB (1.5 x D)	.0468	1 1/2	1/8	STB	35978	35979	35980	-	-	-	-
	.0350	STB (1.5 x D)	.0525	1 1/2	1/8	STB	-	35984	35985	-	-	-	-
	.0400	STB (1.5 x D)	.0600	1 1/2	1/8	STB	-	35988	35989	-	-	-	-
3/64	.0469	STB (1.5 x D)	.0703	1 1/2	1/8	STB	-	35992	35993	35994	-	-	-
	.0500	STB (1.5 x D)	.0750	1 1/2	1/8	STB	-	35898	35897	35896	-	-	-
	.0550	STB (1.5 x D)	.0825	1 1/2	1/8	STB	-	35892	35891	35890	-	-	-
	.0600	STB (1.5 x D)	.0900	1 1/2	1/8	STB	-	35886	35885	35884	-	-	-
1/16	.0625	STB (1.5 x D)	.0938	1 1/2	1/8	STB	-	35880	35879	35878	35877	-	-
	.0650	STB (1.5 x D)	.0975	1 1/2	1/8	STB	-	35872	35871	-	-	-	-
	.0700	STB (1.5 x D)	.1050	1 1/2	1/8	STB	-	35867	35866	-	35868	-	-
	.0750	STB (1.5 x D)	.1125	1 1/2	1/8	STB	-	35860	35859	-	-	-	-
5/64	.0781	STB (1.5 x D)	.1172	1 1/2	1/8	STB	-	35856	35855	35854	35853	-	-
	.0800	STB (1.5 x D)	.1200	1 1/2	1/8	STB	-	35848	35847	-	-	-	-
	.0850	STB (1.5 x D)	.1275	1 1/2	1/8	STB	-	35844	35843	-	-	-	-
3/32	.0938	STB (1.5 x D)	.1406	1 1/2	1/8	STB	-	35839	35838	35837	35836	-	-
	.0950	STB (1.5 x D)	.1425	1 1/2	1/8	STB	-	35831	35830	-	-	-	-
	.1000	STB (1.5 x D)	.1500	1 1/2	1/8	STB	-	35827	35826	35825	35824	35823	-
7/64	.1094	STB (1.5 x D)	.1641	1 1/2	1/8	STB	-	35817	35816	35815	35814	35813	-
1/8	.1250	STB (1.5 x D)	.1875	1 1/2	1/8	STB	-	35807	35806	35805	35804	35803	35802

CENTER CUTTING | FC20 | SD | 4

MICRO SERIES

3xD



TOLERANCES	DIAMETER	SHANK	T.I.R.	OAL	VARIABLE HELIX
	+.0003"-.0003"	h6	≤.0002"	±.062"	
	+0.0076mm-0.0076mm				



D1		L2		L1	D2	LENGTH	0.003 R	0.005 R	0.010 R	0.015 R	0.020 R	0.030 R	0.040 R
	.0100	SD (3 x D)	.0300	1 1/2	1/8	SD	35965	-	-	-	-	-	-
	.0150	SD (3 x D)	.0450	1 1/2	1/8	SD	35967	-	-	-	-	-	-
1/64	.0156	SD (3 x D)	.0469	1 1/2	1/8	SD	35969	-	-	-	-	-	-
	.0200	SD (3 x D)	.0600	1 1/2	1/8	SD	35972	35973	-	-	-	-	-
	.0250	SD (3 x D)	.0750	1 1/2	1/8	SD	35976	35977	-	-	-	-	-
1/32	.0312	SD (3 x D)	.0936	1 1/2	1/8	SD	35981	35982	35983	-	-	-	-
	.0350	SD (3 x D)	.1050	1 1/2	1/8	SD	-	35986	35987	-	-	-	-
	.0400	SD (3 x D)	.1200	1 1/2	1/8	SD	-	35990	35991	-	-	-	-
3/64	.0469	SD (3 x D)	.1406	1 1/2	1/8	SD	-	35995	35996	35899	-	-	-
	.0500	SD (3 x D)	.1500	1 1/2	1/8	SD	-	35895	35894	35893	-	-	-
	.0550	SD (3 x D)	.1650	1 1/2	1/8	SD	-	35889	35888	35887	-	-	-
	.0600	SD (3 x D)	.1800	1 1/2	1/8	SD	-	35883	35882	35881	-	-	-
1/16	.0625	SD (3 x D)	.1875	1 1/2	1/8	SD	-	35876	35875	35874	35873	-	-
	.0650	SD (3 x D)	.1950	1 1/2	1/8	SD	-	35870	35869	-	35868	-	-
	.0700	SD (3 x D)	.2100	1 1/2	1/8	SD	-	35864	35863	35862	35861	-	-
	.0750	SD (3 x D)	.2250	1 1/2	1/8	SD	-	35858	35857	-	-	-	-
5/64	.0781	SD (3 x D)	.2344	1 1/2	1/8	SD	-	35852	35851	35850	35849	-	-
	.0800	SD (3 x D)	.2400	1 1/2	1/8	SD	-	35846	35845	-	-	-	-
	.0850	SD (3 x D)	.2550	1 1/2	1/8	SD	-	35842	35841	35840	-	-	-
3/32	.0938	SD (3 x D)	.2813	1 1/2	1/8	SD	-	35835	35834	35833	35832	-	-
	.0950	SD (3 x D)	.2850	1 1/2	1/8	SD	-	35829	35828	-	-	-	-
	.1000	SD (3 x D)	.3000	1 1/2	1/8	SD	-	35822	35821	35820	35819	35818	-
7/64	.1094	SD (3 x D)	.3281	1 1/2	1/8	SD	-	35812	35811	35810	35809	35808	-
1/8	.1250	SD (3 x D)	.3750	1 1/2	1/8	SD	-	35801	35800	35799	35798	35797	35796

3500SM

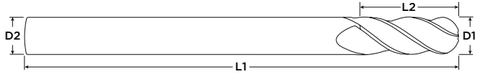
P STEEL | M STAINLESS | S SUPERALLOY | H HARDENED

MICRO FURY

CENTER CUTTING | FC20 | STB | 4

MICRO SERIES

1.5xD



TOLERANCES	DIAMETER	SHANK	T.I.R.	OAL	VARIABLE HELIX
	+.0003"-.0003" / +0.0076mm-0.0076mm	h6	≤.0002"	±.062"	

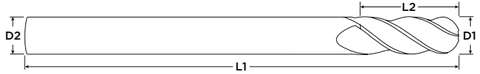
D1		L2		L1	D2	LENGTH	FC20
	.0150	STB (1.5 x D)	.0225	1 1/2	1/8	STB	35750
1/64	.0156	STB (1.5 x D)	.0234	1 1/2	1/8	STB	35752
	.0200	STB (1.5 x D)	.0300	1 1/2	1/8	STB	35754
	.0250	STB (1.5 x D)	.0375	1 1/2	1/8	STB	35756
1/32	.0312	STB (1.5 x D)	.0468	1 1/2	1/8	STB	35758
	.0350	STB (1.5 x D)	.0525	1 1/2	1/8	STB	35760
	.0400	STB (1.5 x D)	.0600	1 1/2	1/8	STB	35762
3/64	.0469	STB (1.5 x D)	.0704	1 1/2	1/8	STB	35764
	.0500	STB (1.5 x D)	.0750	1 1/2	1/8	STB	35766
	.0550	STB (1.5 x D)	.0825	1 1/2	1/8	STB	35768
	.0600	STB (1.5 x D)	.0900	1 1/2	1/8	STB	35770
1/16	.0625	STB (1.5 x D)	.0938	1 1/2	1/8	STB	35772
	.0650	STB (1.5 x D)	.0975	1 1/2	1/8	STB	35774
	.0700	STB (1.5 x D)	.1050	1 1/2	1/8	STB	35776
	.0750	STB (1.5 x D)	.1125	1 1/2	1/8	STB	35778
5/64	.0781	STB (1.5 x D)	.1172	1 1/2	1/8	STB	35780
	.0800	STB (1.5 x D)	.1200	1 1/2	1/8	STB	35782
	.0850	STB (1.5 x D)	.1275	1 1/2	1/8	STB	35784
3/32	.0938	STB (1.5 x D)	.1407	1 1/2	1/8	STB	35786
	.0950	STB (1.5 x D)	.1425	1 1/2	1/8	STB	35788
	.1000	STB (1.5 x D)	.1500	1 1/2	1/8	STB	35790
7/64	.1094	STB (1.5 x D)	.1641	1 1/2	1/8	STB	35792
1/8	.1250	STB (1.5 x D)	.1875	1 1/2	1/8	STB	35794

EXPLORE THE COMPLETE OFFERING!

CENTER CUTTING | FC20 | SD | 4

MICRO SERIES

3xD



TOLERANCES	DIAMETER	SHANK	T.I.R.	OAL	VARIABLE HELIX
	+.0003"-.0003" / +0.0076mm-0.0076mm	h6	≤.0002"	±.062"	



D1		L2		L1	D2	LENGTH	FC20
	.0150	SD (3 x D)	.0450	1 1/2	1/8	SD	35751
1/64	.0156	SD (3 x D)	.0468	1 1/2	1/8	SD	35753
	.0200	SD (3 x D)	.0600	1 1/2	1/8	SD	35755
	.0250	SD (3 x D)	.0750	1 1/2	1/8	SD	35757
1/32	.0312	SD (3 x D)	.0936	1 1/2	1/8	SD	35759
	.0350	SD (3 x D)	.1050	1 1/2	1/8	SD	35761
	.0400	SD (3 x D)	.1200	1 1/2	1/8	SD	35763
3/64	.0469	SD (3 x D)	.1407	1 1/2	1/8	SD	35765
	.0500	SD (3 x D)	.1500	1 1/2	1/8	SD	35767
	.0550	SD (3 x D)	.1650	1 1/2	1/8	SD	35769
	.0600	SD (3 x D)	.1800	1 1/2	1/8	SD	35771
1/16	.0625	SD (3 x D)	.1875	1 1/2	1/8	SD	35773
	.0650	SD (3 x D)	.1950	1 1/2	1/8	SD	35775
	.0700	SD (3 x D)	.2100	1 1/2	1/8	SD	35777
	.0750	SD (3 x D)	.2250	1 1/2	1/8	SD	35779
5/64	.0781	SD (3 x D)	.2343	1 1/2	1/8	SD	35781
	.0800	SD (3 x D)	.2400	1 1/2	1/8	SD	35783
	.0850	SD (3 x D)	.2550	1 1/2	1/8	SD	35785
3/32	.0938	SD (3 x D)	.2814	1 1/2	1/8	SD	35787
	.0950	SD (3 x D)	.2850	1 1/2	1/8	SD	35789
	.1000	SD (3 x D)	.3000	1 1/2	1/8	SD	35791
7/64	.1094	SD (3 x D)	.3282	1 1/2	1/8	SD	35793
1/8	.1250	SD (3 x D)	.3750	1 1/2	1/8	SD	35795



AVAILABLE IN

FANTOM 2.0

CENTER CUTTING | SD LR STB XL | FC20 | 5

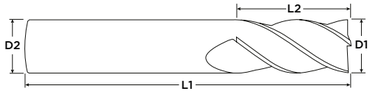
Increase tool life by up to 30% with our 5-flute high performance end mill.

Enhanced edge strength increases productivity and lowers costs per part.

A stable, robust cutter that allows for heavier chip loads.

FC-20 coating Fullerton's High Performance coating that significantly reduces operating cutting temperatures.

h6 tolerance for conventional and shrink fit applications.



TOLERANCES	DIAMETER	SHANK	VARIABLE HELIX
	+.0000"-.002"	h6	
	+0.00mm -0.05mm		

D1	L2	D2	L1	FLUTES	SQ	0.015 R	0.020 R	0.030 R	0.060 R	0.090 R	0.120 R	0.190 R	0.250 R
1/4	3/8	1/4	2	5	37540	-	37541	37542	37543	-	-	-	-
	3/4	1/4	2-1/2	5	37544	-	37545	37546	37547	-	-	-	-
5/16	7/8	5/16	2-1/2	5	37549	-	37550	37551	37552	-	-	-	-
	1	5/16	3	5	37553	-	37554	37555	37556	-	-	-	-
3/8	1/2	3/8	2-1/2	5	37576	-	37577	37578	37579	37580	37581	-	-
	1	3/8	2-1/2	5	37582	-	37583	37584	37585	37586	37587	-	-
	2	3/8	4	5	37589	-	37590	-	-	-	-	-	-
7/16	1	7/16	2-3/4	5	37605	-	37606	37607	37608	-	-	-	-
	2	7/16	4	5	37611	-	-	-	-	-	-	-	-
1/2	5/8	1/2	3	5	37628	-	-	37629	37630	37631	37632	-	-
	1	1/2	3	5	37633	37635	37636	37637	37638	37639	37640	-	-
	1-1/4	1/2	3	5	37641	37642	-	37643	37644	37645	37646	-	-
	1-5/8	1/2	4	5	37647	-	-	37101	37102	37103	37104	-	-
	2	1/2	4	5	37648	-	37649	37650	37651	37652	37653	-	-
5/8	3/4	5/8	3-1/2	5	37654	-	-	37655	37657	37658	37659	-	-
	1-1/2	5/8	3-1/2	5	37660	-	-	37661	37663	37664	37665	-	-
	1-5/8	5/8	4	5	37666	-	-	37667	37669	-	37671	-	-
3/4	7/8	3/4	4	5	37689	-	-	37690	37692	37693	37694	-	-
	1-1/2	3/4	4	5	37704	-	37705	37706	37708	37709	37710	37711	37712
	1-5/8	3/4	4	5	37713	-	-	37714 (.035)	37998	37999	37501	37502	37503
	2-1/4	3/4	5	5	37715	-	-	37716 (.035)	37504	37100	37997	-	-
1	1-1/2	1	4	5	37739	-	-	37740	37742	-	-	-	37746
	2	1	5	5	37747	-	-	-	-	-	-	-	-
	2-1/4	1	5	5	37748	-	-	37749	37751	37752	37753	37754	37755

Visit fullertontool.com for a **full list** of available Fantom 2.0 End Mills.



AVAILABLE IN

FANTOM 2.0 VICOR

CENTER CUTTING | FC20 | SD | 5

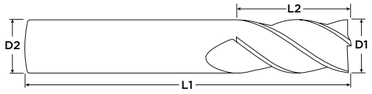
Increase tool life by up to 30% with our 5-flute High Performance end mill.

Enhanced edge strength increases productivity and lowers costs per part.

A stable, robust cutter that allows for heavier chip loads.

FC-20 coating Fullerton's high performance coating that significantly reduces operating cutting temperatures.

h6 tolerance for conventional and shrink fit applications.



TOLERANCES	DIAMETER	SHANK	VARIABLE HELIX
	+.0000"-.002"	h6	
	+0.00mm -0.05mm		

DIA	LOC	SHANK	OAL	0.020 R	0.030 R	0.035 R	0.060 R
1/2	2	1/2	4	34880	-	-	-
	1 1/4	1/2	3	-	34879	-	-
	2	1/2	4	-	34881	-	-
5/8	2 1/4	5/8	5	-	-	34882	-
3/4	2 1/4	3/4	5	-	-	34886	-
	1 1/2	3/4	4	-	-	-	34884



AVAILABLE IN

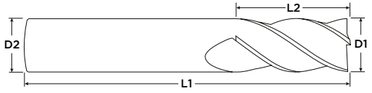


Optimized geometry combined with an advanced coating allows high feed rates in stainless steels, super alloys, and titanium, resulting in increased productivity and lowers cost per part.

Produces excellent surface finishes and chip control.

FC-20 COATING Fullerton's high performance coating that significantly reduces operating cutting temperatures.

h6 tolerance for conventional and shrink fit applications.



TOLERANCES	DIAMETER	SHANK	VARIABLE HELIX
	+.0000"-.002"	h6	
	+0.00mm -0.05mm		

D1	L2	D2	L1	FLUTES	SQ	0.015 R	0.030 R	0.060 R	0.090 R	0.120 R
1/4	3/8	1/4	2-1/2	5	-	36200	-	-	-	-
	1	1/4	3	5	36245	36201	-	-	-	-
3/8	3/4	3/8	2-1/2	7	36246	36202	-	-	-	-
	1-1/8	3/8	3	7	36247	36203	-	-	-	-
1/2	5/8	1/2	2-1/2	7	-	36208	36209	36210	-	-
	1	1/2	3	7	36266	-	36268	-	-	-
	1-1/4	1/2	3	7	-	-	36277	36278	-	36279
	1-1/2	1/2	4	7	36253	36211	36212	-	-	-
5/8	3/4	5/8	3-1/2	9	-	-	36214	36215	-	-
	1-7/8	5/8	5	9	36255	-	36216	-	-	-
3/4	1	3/4	4	9	-	-	-	-	-	-
	1-5/8	3/4	4	9	-	36271	-	-	36273	-
	2-1/4	3/4	5	9	36259	-	-	36223	-	-
1	1-1/4	1	4	9	36264	-	-	-	-	-
	3	1	6	9	36265	-	-	-	-	-

EXPLORE THE COMPLETE OFFERING!



AVAILABLE IN

L · CENTER CUTTING · UNCOATED · TiALN · SD STB XL · 5

Designed with eccentric relief.

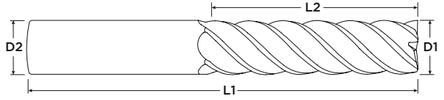
45° Helix

Produces superior part finishes at extraordinary feed rates.

High helix for effective chip evacuation.

TiAlN coating available for extended tool life.

h6 tolerance for conventional and shrink fit applications.



D1	L2	D2	L1	UNCOATED	TiALN
1/8	1/4	1/8	1 1/2	38080	38173
	1/2	1/8	1 1/2	38050	38150
5/32	9/16	5/32	2	38052	38152
3/16	5/16	3/16	2	38081	38175
	9/16	3/16	2	38054	38154
7/32	3/4	7/32	2 1/2	38056	38156
1/4	1/2	1/4	2	38057	38174
	3/4	1/4	2 1/2	38058	38158
	1 1/4	1/4	4	38060	38180
5/16	13/16	5/16	2 1/2	38062	38160
	1 1/4	5/16	3	-	38188
3/8	1/2	3/8	2 1/2	38063	38176
	1	3/8	2 1/2	38064	38162
	1 1/4	3/8	3	-	38189
	1 1/2	3/8	4	38067	38183
	2	3/8	4	38066	38182
	3	3/8	5	-	38190

TOLERANCES	DIAMETER	SHANK	45° HELIX
	+.0000"-.002"	h6	
	+0.00mm -0.05mm		

D1	L2	D2	L1	UNCOATED	TiALN
1/2	5/8	1/2	3	38069	38178
	1 1/4	1/2	3	38070	38166
	2	1/2	4	38072	38184
	3	1/2	6	-	38191
	3 1/8	1/2	6	-	38186
5/8	3/4	5/8	3 1/2	38082	38177
	1 5/8	5/8	3 1/2	38074	38168
	2 1/2	5/8	5	38073	38185
	3	5/8	6	-	38192
3/4	1	3/4	4	38083	38179
	1 5/8	3/4	4	38076	38170
	2 1/2	3/4	5	38061	38181
	3	3/4	6	-	38193
1	2	1	4	38078	38172
	2 1/2	1	5	38071	38187
	3	1	6	-	38194
	4	1	6	-	38195

EXPLORE THE COMPLETE OFFERING!



AVAILABLE IN

INTIMIDATOR

CENTER CUTTING | SD STB XL | UNCOATED | FC18 | 4

Designed for difficult to machine ferrous materials.

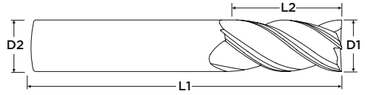
Can be used in full slotting, roughing, and finishing applications.

Specially designed flute relief and unequally spaced index provides chatter-free machining.

h6 tolerance for conventional and shrink fit applications.

EXPLORE THE COMPLETE OFFERING!

D1	L2	D2	L1	WELDON	SQ	0.010 R	0.020 R	0.030 R	0.045 R	0.060 R	0.090 R	0.120 R
1/8	1/4	1/8	1 1/2	-	34550	-	-	-	-	-	-	-
	1/2	1/8	1 1/2	-	34290	-	-	-	-	-	-	-
3/16	3/8	3/16	2	-	34551	-	-	-	-	-	-	-
	5/8	3/16	2	-	34291	34402	34403	34404	-	-	-	-
1/4	3/8	1/4	2	-	34552	-	-	-	-	-	-	-
	3/4	1/4	2 1/2	-	34292	34405	-	34407	-	-	-	-
	1 3/4	1/4	4	-	34510	-	-	-	-	-	-	-
5/16	1/2	5/16	2 1/2	-	34553	-	-	-	-	-	-	-
	3/4	5/16	2 1/2	-	34503	-	-	-	-	-	-	-
	1 1/4	5/16	3 1/4	-	34511	-	-	-	-	-	-	-



TOLERANCES	DIAMETER	SHANK	38° HELIX
	+.0000"-.002"	h6	
	+0.00mm -0.05mm		

D1	L2	D2	L1	WELDON	SQ	0.010 R	0.020 R	0.030 R	0.045 R	0.060 R	0.090 R	0.120 R
3/8	1/2	3/8	2 1/2	-	34554	-	-	-	-	-	-	-
	7/8	3/8	2 1/2	-	34293	34409	34410	-	-	34413	-	-
1/2	7/8	1/2	3	-	-	34230	-	-	-	-	-	-
	7/8	1/2	3	✓	-	34414	-	-	34417	-	-	-
	1	1/2	3	✓	34294	-	-	34416	-	-	34419	-
	1 1/4	1/2	3	✓	34513	-	-	-	-	-	-	-
	2	1/2	4	-	34242	-	-	-	-	-	-	-
	2	1/2	4	✓	34514	-	-	-	-	-	-	
	3	1/2	5	-	34246	-	-	-	-	-	-	-
5/8	3/4	5/8	3 1/2	-	34556	-	-	-	-	-	-	-
	1 1/4	5/8	3 1/2	✓	34295	-	-	34421	34422	-	34424	34425
	1 5/8	5/8	4	✓	34288	-	-	-	-	-	-	-
3/4	7/8	3/4	4	-	34557	-	-	-	-	-	-	-
	1 1/2	3/4	4	✓	34296	-	-	34426	-	34428	34429	-
	1 1/2	3/4	4	-		-	-	-	34287	-	-	-
	1 3/4	3/4	4	-	34504	-	-	-	-	-	-	-
	1 3/4	3/4	4	✓	-	-	-	34506	34507	-	34508	-
	1 5/8	3/4	4	✓	34289	-	-	-	-	-	-	-
	2 1/4	3/4	5	✓	34517	-	-	-	-	-	-	-
	3	3/4	6	-	34329	-	-	34331	-	-	34333	34334
	3	3/4	6	✓	34518	-	-	-	-	-	-	-
1	1 1/2	1	4	✓	34297	-	-	-	-	-	-	-
	2	1	5	✓	34298	-	-	-	-	-	-	-
	3	1	6	✓	34519	-	-	-	-	-	-	-

HARMONICUT



AVAILABLE IN

HARMONICUT

CENTER CUTTING | SD LR STB XL | FC18 | 4

Designed for difficult to machine ferrous materials.

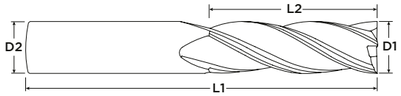
4 Individually designed flutes.

Variable helix, variable index, and variable rake which maximizes tool life and removal rates by minimizing the effects of harmonics.

Capable to rough and finish with one tool.

FC-18 coating.

h6 tolerance for conventional and shrink fit applications.



TOLERANCES	DIAMETER	SHANK	VARIABLE HELIX
	+.0000"-.002"	h6	
	+0.00mm -0.05mm		

D1	L2	D2	L1	SQ	0.010 R	0.020 R	0.030 R	0.035 R	0.060 R	0.090 R	0.120 R	BALL
1/8	1/4	1/8	1-1/2	34900	34912	34754	-	-	-	-	-	34924
	1/2	1/8	1-1/2	34001	34041	-	-	-	-	-	-	34081
3/16	7/16	3/16	2	34751	-	-	34757	-	-	-	-	
	5/8	3/16	2	34005	34045	-	-	-	-	-	-	34085
1/4	3/8	1/4	2	34902	34758	-	-	-	-	-	-	34926
	3/4	1/4	2-1/2	34009	34561	34049	-	-	34051	34052	-	34089
5/16	1/2	5/16	2		-	34762	-	-	34764		-	
	7/8	5/16	2-1/2	34013	-	34053	-	-	-	-	-	34093
3/8	1/2	3/8	2-1/2	34904	-		-	-	-	-	-	34928
	1	3/8	2-1/2	34017	-	34057	34059	-	34060	-	-	-
	1	3/8	3	-	-	-	-	-	-	-	-	34097
	2	3/8	4	-	-	34058	-	-	-	-	-	-
7/16	1	7/16	2-3/4	34021	-	34061	-	-	-	-	-	-
1/2	5/8	1/2	3	34906	-	-	-	-	-	-	-	34930
	1	1/2	3	34025	-	-	34065	-	34170	-	34172	34105
	1-1/4	1/2	3	34027	-	-	34067	-	34173	-	34175	-
	2	1/2	4	-	-	-	34068	-	-	-	-	-
5/8	1-1/2	5/8	3-1/2	34029	-	-	-	34069	34071	-	-	-
	2-1/4	5/8	5	-	-	-	-	34070	-	-	-	-
3/4	7/8	3/4	4	34910	-	-	-	-	-	-	-	-
	1-1/2	3/4	4	34033	-	-	-	-	-		-	-
	2-1/4	3/4	5	-	-	-	-	34074	-	-	-	-
1	1-1/2	1	4	34037	-	-	-	-	-	-	-	-
	2-1/4	1	5	-	-	-	-	-	34571	-	-	

EXPLORE THE COMPLETE OFFERING!



AVAILABLE IN

CENTER CUTTING · SD STB · FCI3 · 6

Consistent cutting edges that resist fatigue and micro-chipping.

Cutting edges perform at higher speeds with longer times in-cut for added value.

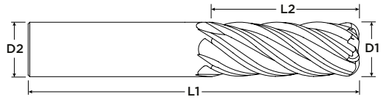
Produces improved surface finishes, higher quality parts, and stable cutting which permits more aggressive feeds and speeds.

Increased core for strength and stability in-cut.

Maximum edge strength and high flute count make it a durable and long-lasting tool.

Unsurpassed performance in High Efficiency Milling (HEM)

h6 tolerance for conventional and shrink fit applications.



TOLERANCES	DIAMETER	SHANK	38° HELIX
	+.0000"-.002"	h6	
	+0.00mm -0.05mm		

D1	L2	D2	L1	SQ	.010 R	.020 R	.030 R	.060 R	.120 R
1/4	3/8	1/4	2-1/2	-	-	29100	-	-	-
	3/4	1/4	2-1/2	29000	-	29101	29102	29103	-
3/8	1/2	3/8	2-1/2	-	-	29104	29105	29106	29107
	1	3/8	3	29001	29108	29109	29110	29111	-
1/2	5/8	1/2	2-1/2	-	-	-	29112	29113	-
	1	1/2	3	29002	-	29114	29115	29116	29117
	1-1/4	1/2	4	-	-	-	29118	29119	29120
5/8	3/4	5/8	3	-	-	-	29133	-	-
	1-5/8	5/8	3-1/2	29003	-	-	29121	29122	29123
3/4	1	3/4	4		-	-	29124	29125	29126
	1-5/8	3/4	4	29004	-	-	29127	29128	29129
1	2	1	4-1/2	29005	-	-	29130	29131	29132

EXPLORE THE COMPLETE OFFERING!



AVAILABLE IN

DREAM™

CENTER CUTTING | LR | UNCOATED | 6 | 8

Excels in high speed profiling of titanium and aluminum.

Produces superior wall finishes.

Specifically designed to support commercial and military aerospace applications where close tolerance and high accuracy is required.

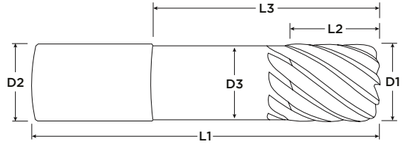
Aerospace corner radius standard.

6 or 8 flutes.

Long Reach Length.

Uncoated or FC-20 coating.

h6 tolerance for conventional and shrink fit applications.



TOLERANCES	DIAMETER	SHANK	38° HELIX
	+.0000"-.002"	h6	
	+0.00mm -0.05mm		

D1	L2	L3	L1	D2	D3	FLUTES	LENGTH	.060 R	.090 R	.120 R
1/2	3/4	2 1/2	3	1/2	.4800	6	LR	37498	-	-
5/8	3/4	2 1/2	4	5/8	.6000	6	LR	37499	-	-
3/4	1 1/8	2 1/2	4	3/4	.7200	8	LR	-	-	37500

EXPLORE THE COMPLETE OFFERING!



AVAILABLE IN

CENTER CUTTING | SD | UNCOATED | 20

Excels in high speed profiling of titanium and aluminum.

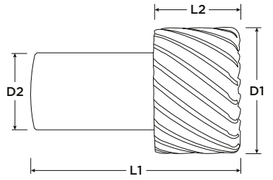
Produces superior wall finishes.

Specifically designed to support commercial and military aerospace applications where close tolerance and high accuracy is required.

Aerospace corner radius standard.

Uncoated or FC-20 Coating.

h6 tolerance for conventional and shrink fit applications.



TOLERANCES	DIAMETER	SHANK	38° HELIX
	+.0000" -.002"	h6	
	+0.00mm -0.05mm		

D1	L2	L1	D2	UNCOATED .120 R
2	11/8	3	11/4	92600



AVAILABLE IN

AlumaMill G3™

CENTER CUTTING | SD LR STB XL | UNCOATED | FC5 | 3

Ideal for roughing & finishing aluminum and non-ferrous materials all with one tool.

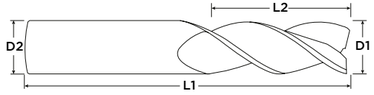
Designed for fast material removal and multi-purpose machining.

Produces superior part finishes.

Excels in aggressive plunging and ramping speed environments.

FC-5 coating reduces edge build up when machining aluminum alloys.

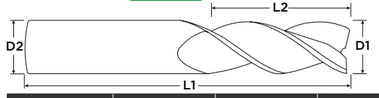
h6 tolerance for conventional and shrink fit applications.



TOLERANCES	DIAMETER	SHANK	37.5° HELIX
	+.0000"-.0005"	h6	
	+0.000mm-0.013mm		

D1	L2	D2	L1	SQ	0.015 R	0.030 R	0.060 R	0.090 R	0.120 R	BALL
1/8	1/4	1/8	1-1/2	27045	-	-	-	-	-	27154
	1/2	1/8	2	27000	27156	-	-	-	-	27158
	3/4	1/8	2	27100	27160	-	-	-	-	27162
3/16	5/16	3/16	2	27046	-	27180	-	-	-	-
	3/8	3/16	2	27101	-	-	-	-	-	27187
	5/8	3/16	2	27001	27189	27190	-	-	-	-
1/4	1/2	1/4	2	27047	27233	-	-	-	-	27237
	1/2	1/4	2-1/2	27102	-	-	-	-	-	27243
	3/4	1/4	2-1/2	27103	27245	27247	-	-	-	27249
	1	1/4	2-1/2	27002	-	27253	-	-	-	27255
	1-1/4	1/4	3	27104	27257	27259	-	-	-	27261
	2	1/4	4	27020	27263	27265	-	-	-	27267
5/16	7/16	5/16	2-1/2	-	-	-	-	-	-	-
	1/2	5/16	2-1/2	27048	-	-	-	-	-	-
	13/16	5/16	2-1/2	27106	-	-	-	-	-	-
	1	5/16	2-1/2	27003	-	-	-	-	-	-
	1-1/4	5/16	3	27107	-	-	-	-	-	-
	1-1/4	5/16	4	27021	27313	27315	-	-	-	--
3/8	1/2	3/8	2-1/2	27049	27345	27347	-	-	-	27351
	1	3/8	2-1/2	27004	27353	27355	27357	-	-	27359
	1	3/8	3	27088	27361	27363	27365	-	-	27367
	2	3/8	4	27022	27369	27371	27373	-	-	27375

EDP offering continued on next page.



EDP offering continued from previous page.

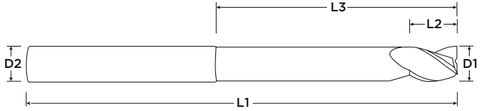
D1	L2	D2	L1	SQ	0.015 R	0.030 R	0.060 R	0.090 R	0.120 R	BALL
7/16	9/16	7/16	2-3/4	-	-	-	-	-	-	-
	1	7/16	2-3/4	-	-	-	-	-	-	-
	2	7/16	4	-	-	27429	-	-	-	-
1/2	5/8	1/2	3	27108	-	27471	-	-	27477	27479
	3/4	1/2	3	27051	27507	-	-	-	-	-
	1	1/2	3	27109	27519	27521	27523	27525	27527	27529
	1-1/4	1/2	3	27006	27531	27120	27121	27533	27535	27537
	1-5/8	1/2	4	27952	-	-	-	-	-	-
	2	1/2	4	27024	27539	27541	27543	-	27547	27549
	2-1/2	1/2	5	27110	27551	27553	27555	-	27559	27561
	3-1/4	1/2	6	27025	-	27565	-	27569	-	27573
5/8	3/4	5/8	3-1/2	27111	-	-	-	-	-	-
	1-1/4	5/8	3-1/2	27112	-	-	27123	-	-	-
	1-5/8	5/8	3-1/2	27007	-	27623	-	-	-	-
	2-1/2	5/8	5	27026	-	27633	-	27637	-	-
	3-1/4	5/8	6	27027	-	-	-	-	-	-
	3-3/4	5/8	6	27951	-	-	27645	-	-	-
3/4	1	3/4	4	27053	-	27699	-	-	27705	27707
	1-3/4	3/4	4	27008	-	27125	27126	-	27127	27737
	2	3/4	5	-	-	-	-	-	-	-
	2-1/2	3/4	5	27028	-	27739	-	27743	27745	27747
	3-1/4	3/4	6	27029	-	-	27751	-	27755	27757
1	1-1/4	1	4	27054	-	27851	27853	-	-	-
	1-3/4	1	4	27009	-	27887	-	-	-	27895
	2-1/2	1	5	27030	-	27897	27899	-	-	27905
	3-1/4	1	6	27031	-	27907	-	-	-	-
	4-1/8	1	7	27113	-	-	27920	-	27924	27926

N N-FERROUS

AlumaMill G3



CENTER CUTTING | LR | UNCOATED | FCS | 3

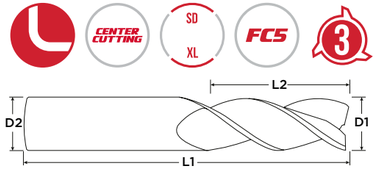


TOLERANCES	DIAMETER	SHANK	37.5° HELIX
	+.0000"-.0005"	h6	
	+0.000mm-0.013mm		

D1	L2	D2	L3	L1	SQ	0.015 R	0.030 R	0.060 R	0.090 R	0.120 R
1/2	5/8	1/2	2-1/4	4	-	27482	27484	27486	-	27490
	5/8	1/2	3-3/8	6	27131	-	27497	27499	-	-
3/4	1	3/4	2-1/4	6	27132	-	-	-	-	-
	1	3/4	3-3/8	6	27133	27723	27725	-	27729	27731
1	1-1/4	1	3-3/8	6	-	-	27864	-	-	-

Visit fullertontool.com for a full list of available AlumaMill G3 End Mills.





TOLERANCES	DIAMETER	SHANK	37.5° HELIX
	+.0000"-.0005"	h6	
	+0.000mm-0.013mm		

D1	L2	D2	L1	0.015 R	0.030 R
1/8	1/2	1/8	2	38636	-
3/16	5/8	3/16	2	38640	-
1/4	1/2	1/4	2	38642	-
	3/4	1/4	2-1/2	38643	-
3/8	1	3/8	2 1/2	-	38490
	2	3/8	4	-	38661
1/2	5/8	1/2	3	-	38664
	1	1/2	3	-	38668
	1 1/4	1/2	3	-	38491
	2	1/2	4	-	38677
	2-1/2	1/2	5	-	38681
	3-1/4	1/2	6	-	38684
5/8	1 5/8	5/8	3 1/2	-	38492
	2-1/2	5/8	5	-	38687
3/4	1	3/4	4	-	38690
	1 3/4	3/4	4	-	38493
	2-1/2	3/4	5	-	38694
1	1-1/4	1	4	-	38699
	1-3/4	1	4	-	38701
	2-1/2	1	5	-	38702

EXPLORE THE COMPLETE OFFERING!



The **AlumaMill HV** series end mill is considered the true **Apex Predator**, dynamically separating itself from all other high velocity tools on the market today.

The 3802 and 3803 are a build series designed specifically for today's **high horsepower**, **high RPM**, maximum metal removal milling machines, and incorporates all necessary traits to dominate in non-ferrous material removal.

DURA CARB III
Submicron grain structure for optimal edge quality.

MIRROR FINISH
High polish with edge prep.

FULLY ENGINEERED BALANCED
Thru design.

h6 FULGRIP
Anti-pull out shank.

.0002 max T.I.R.
Between shank and cutting edge.

CUSTOM MARGINS & DRILL EDGE
For strength.

SINUSOIDAL & HELICAL GASHES
To engineered center gash openings.

OFFERED 3 WAYS AlumaMill HV

1. **SOLID** utilizing external flood coolant.
2. **ANNULAR COOLANT** single on axis, coolant thru.
3. **BRANCH COOLANT** single feed, branch exit holes.



AVAILABLE IN

AlumaMill™

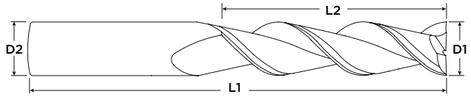
CENTER CUTTING · SD · STB · XL · UNCOATED · FC19 · 2

Designed for aggressive material removal rates in aluminum and non-ferrous materials.

High polish and unique cylindrical margin design produces superior wall finishes.

FC-19 coating available.

h6 tolerance for conventional and shrink fit applications.



TOLERANCES	DIAMETER	SHANK	36° HELIX
	+.0000"-.0005"	h6	
	+0.000mm-0.013mm		

D1	L2	D2	L1	SQ	0.015 R	0.020 R	0.030 R	0.045 R	0.060 R	0.090 R	0.125 R	BALL
1/8	1/2	1/8	1 1/2	38214	-	-	-	-	-	-	-	38510
3/16	5/8	3/16	2	38216	-	-	-	-	-	-	-	38512
1/4	1/2	1/4	2	38226	-	-	-	-	-	-	-	38526
	1	1/4	2 1/2	38218	38600	38601	38602	38603	-	-	-	38514
	2	1/4	4	38236	-	-	-	-	-	-	-	38536
5/16	1 1/8	5/16	3	38238	-	-	-	-	-	-	-	38538
3/8	5/8	3/8	2 1/2	38228	-	-	-	-	-	-	-	38528
	1	3/8	2 1/2	38220	38604	38605	38606	38607	-	-	-	38516
	2	3/8	4	38240	-	-	-	-	-	-	-	38540
1/2	3/4	1/2	3	38230	-	-	-	-	-	-	-	38530
	1 1/4	1/2	3	38200	38608	38609	38610	38611	38612	38613	38614	38518
	2	1/2	4	38242	-	-	-	-	-	-	-	38542
5/8	1	5/8	3 1/2	38232	-	-	-	-	-	-	-	38532
	1 5/8	5/8	3 1/2	38222	38615	38616	38617	38618	38619	38620	38621	38520
3/4	1	3/4	4	38234	-	-	-	-	-	-	-	38534
	1 3/4	3/4	4	38212	38622	38623	38624	38625	38626	38627	38628	38522
	2 1/2	3/4	5	38244	-	-	-	-	-	-	-	38544
1	1 3/4	1	5	38224	38629	38630	38631	38632	38633	38634	38635	38524

EXPLORE THE COMPLETE OFFERING!


CURRY
FAMILY OF COMPANIES

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CARBIDE
OUTLAST • OUTPERFORM

FULLERTON
TOOL COMPANY

Carbro
YOUR AEROSPACE TOOLING SPECIALISTS.
