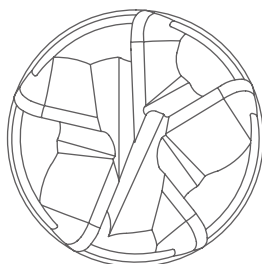


# HIGH PERFORMANCE END MILLS



**FULLERTON**  
TOOL COMPANY

3125



**UNSURPASSED** performance Milling Aerospace High Temp Alloys.

**STAGGERED FLUTE GEOMETRY** limits vibration.

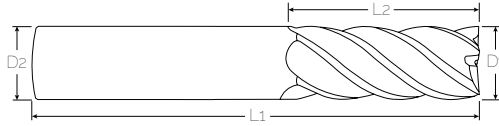
**ENHANCED FLUTE DESIGN** improves chip control and reduces cutting forces allowing more aggressive feeds and speeds.

**PRODUCES SUPERIOR** part finishes.

**FC-21** coating resists fatigue and micro-chipping.

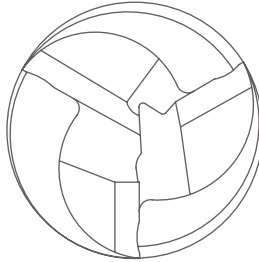
**h6** tolerance for conventional and shrink fit applications.  
Available in Stub, Standard lengths.

TOLERANCES	DIAMETER	SHANK	VARIABLE HELIX
	+0.000"-.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

# 3833



**IDEAL** for roughing and finishing aluminum and non-ferrous materials all with one tool.

**DESIGNED** for fast material removal and multi-purpose machining.

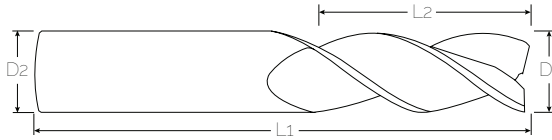
**PRODUCES SUPERIOR** part finishes.

**EXCELS** in aggressive plunging and ramping speed environments.

**FC-5** coating reduces edge build up when machining aluminum alloys. For offering please see [fullertontool.com](http://fullertontool.com)

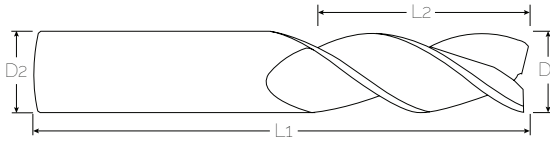
**h6** tolerance for conventional and shrink fit applications. Available in Stub, Standard, Extra Long and Long Reach lengths.

TOLERANCES	DIAMETER	SHANK	37.5° HELIX
	+0.0000"-.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
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

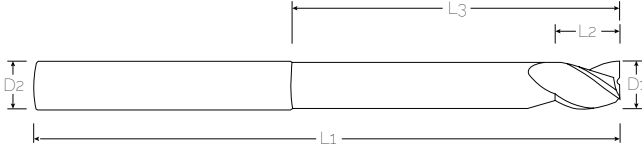
EDP offering continued on next page.



D1	L2	D2	L1	SQ	0.015 R	0.030 R	0.060 R	0.090 R	0.120 R	BALL
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

Visit [fullertontool.com](http://fullertontool.com) for a full list of available AlumaMill G3 End Mills.

## 3833 LONG REACH



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	-	-	-

## AlumaMill HV™ 3802 / 3803



Fullerton is excited to announce our two and three flute build series end mills, the 3802 and 3803 Solution 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.

The 3802/3803 series end mill is considered the true Apex Predator, dynamically separating itself from all other high velocity tools on the market today.

OFFERED **3** WAYS

- Solid: Utilizing external flood coolant.
- Annular Coolant: Single on axis, coolant thru.
- Branch Coolant: Single feed, branch exit holes.

### 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.

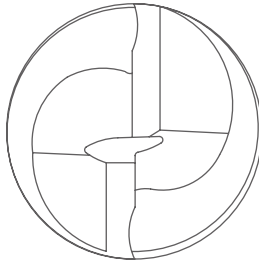
### CUSTOM MARGINS & DRILL EDGE

For strength.

### SINUSOIDAL & HELICAL GASHES

To engineered center gash openings.

# 3825



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

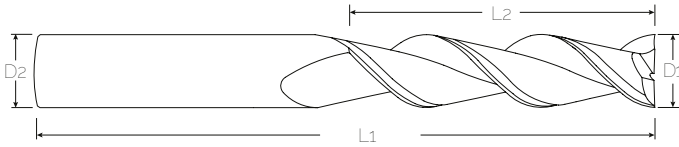
**HIGH POLISH** and unique cylindrical margin design produces superior wall finishes.

**FC-19** coating available.

**h6** tolerance for conventional and shrink fit applications.

TOLERANCES	DIAMETER	SHANK	36° HELIX
	+0.0005" -0.0005"	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
	1/2	1/4	2	38226	-	-	-	-	-	-	-	38526
1/4	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
	5/8	3/8	2 1/2	38228	-	-	-	-	-	-	-	38528
3/8	1	3/8	2 1/2	38220	38604	38605	38606	38607	-	-	-	38516
	2	3/8	4	38240	-	-	-	-	-	-	-	38540
	3/4	1/2	3	38230	-	-	-	-	-	-	-	38530
1/2	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

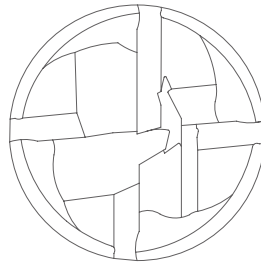
3500

P  
STEEL

M  
STAINLESS

S  
SUPERALLOY

H  
HARDENED



**DOMINATES** in Stainless Steels, Super Alloys and Titanium.

**PERFORMS EXCEPTIONALLY** in high-speed machining and full diameter milling.

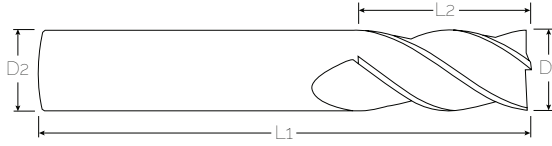
**TOOL VERSATILITY** that results in higher productivity, less tool changes and longer tool life.

**PRODUCES EXCELLENT** surface finishes.

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

**h6** tolerance for conventional and shrink fit applications. Available in Stub and Standard lengths.

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
	5/16	3/16	2	35043	35102	35153	35198	-	-	-	-	35009
3/16	9/16	3/16	2-1/2	35046	35103	35154	35199	-	-	-	-	35010
	3/4	3/16	2-1/2	35050	35104	35155	35200	-	-	-	-	35011
	3/8	1/4	2	35067	35110	35161	35206	35305	-	-	-	35017
1/4	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
1/2	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
	5/8	1/2	2-1/2	35183	35137	35188	35233	35332	-	35484	-	35044
3/4	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
5/8	2	1/2	4	35197	35142	-	35238	-	-	35489	-	35049
	3/4	5/8	3	35205	-	-	-	-	-	-	-	-
	3/4	5/8	3-1/2	-	-	-	35240	-	-	35491	-	35051
3/4	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
1	2-1/2	5/8	5	-	-	-	35245	-	-	35496	-	35056
	1	3/4	3	35256	-	-	35254	35353	35418	35505	-	35065
	1-1/2	3/4	4	35260	-	-	35255	35354	-	35506	-	35066
1	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	

# 3500SM

**P**  
STEEL

**M**  
STAINLESS

**S**  
SUPERALLOY

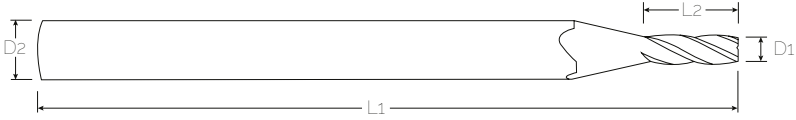
**H**  
HARDENED

# MICRO SERIES



	D1	L2	L1	D2	1.5xD	
					EDP	FC20
	.0100	STB (1.5 x D)	.0150	11/2	1/8	35961
	.0150	STB (1.5 x D)	.0225	11/2	1/8	35962
1/64	.0156	STB (1.5 x D)	.0234	11/2	1/8	35900
	.0200	STB (1.5 x D)	.0300	11/2	1/8	35963
	.0250	STB (1.5 x D)	.0375	11/2	1/8	35932
1/32	.0312	STB (1.5 x D)	.0468	11/2	1/8	35904
	.0350	STB (1.5 x D)	.0525	11/2	1/8	35933
	.0400	STB (1.5 x D)	.0600	11/2	1/8	35934
3/64	.0469	STB (1.5 x D)	.0703	11/2	1/8	35908
	.0500	STB (1.5 x D)	.0750	11/2	1/8	35935
	.0550	STB (1.5 x D)	.0825	11/2	1/8	35936
	.0600	STB (1.5 x D)	.0900	11/2	1/8	35937
1/16	.0625	STB (1.5 x D)	.0938	11/2	1/8	35911
	.0650	STB (1.5 x D)	.0975	11/2	1/8	35938
	.0700	STB (1.5 x D)	.1050	11/2	1/8	35939
	.0750	STB (1.5 x D)	.1125	11/2	1/8	35940
5/64	.0781	STB (1.5 x D)	.1172	11/2	1/8	35915
	.0800	STB (1.5 x D)	.1200	11/2	1/8	35941
	.0850	STB (1.5 x D)	.1275	11/2	1/8	35942
3/32	.0938	STB (1.5 x D)	.1406	11/2	1/8	35919
	.0950	STB (1.5 x D)	.1425	11/2	1/8	35943
	.1000	STB (1.5 x D)	.1500	11/2	1/8	35944
7/64	.1094	STB (1.5 x D)	.1641	11/2	1/8	35923
1/8	.1250	STB (1.5 x D)	.1875	11/2	1/8	35927

TOLERANCES	DIAMETER		SHANK	VARIABLE HELIX
	+.0003"-.0003"		h6	
	+0.007mm-0.007mm			



					3xD	
					EDP	
					FC20	
	D1		L2	L1	D2	
	.0100	SD (3 x D)	.0300	11/2	1/8	35945
	.0150	SD (3 x D)	.0450	11/2	1/8	35946
1/64	.0156	SD (3 x D)	.0469	11/2	1/8	35901
	.0200	SD (3 x D)	.0600	11/2	1/8	35947
	.0250	SD (3 x D)	.0750	11/2	1/8	35948
1/32	.0312	SD (3 x D)	.0936	11/2	1/8	35905
	.0350	SD (3 x D)	.1050	11/2	1/8	35949
	.0400	SD (3 x D)	.1200	11/2	1/8	35950
3/64	.0469	SD (3 x D)	.1406	11/2	1/8	35909
	.0500	SD (3 x D)	.1500	11/2	1/8	35951
	.0550	SD (3 x D)	.1650	11/2	1/8	35952
1/16	.0600	SD (3 x D)	.1800	11/2	1/8	35953
	.0625	SD (3 x D)	.1875	11/2	1/8	35912
	.0650	SD (3 x D)	.1950	11/2	1/8	35954
	.0700	SD (3 x D)	.2100	11/2	1/8	35955
	.0750	SD (3 x D)	.2250	11/2	1/8	35956
5/64	.0781	SD (3 x D)	.2344	11/2	1/8	35916
	.0800	SD (3 x D)	.2400	11/2	1/8	35957
	.0850	SD (3 x D)	.2550	11/2	1/8	35958
3/32	.0938	SD (3 x D)	.2813	11/2	1/8	35920
	.0950	SD (3 x D)	.2850	11/2	1/8	35959
	.1000	SD (3 x D)	.3000	11/2	1/8	35960
7/64	.1094	SD (3 x D)	.3281	11/2	1/8	35924
1/8	.1250	SD (3 x D)	.3750	11/2	1/8	35928

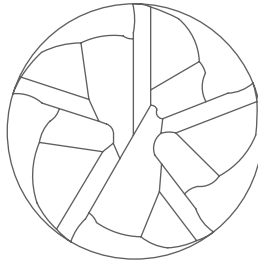
# 3412

**P**  
STEEL

**M**  
STAINLESS

**S**  
SUPERALLOY

**H**  
HARDENED



**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.

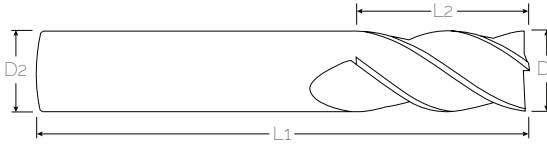
**A STABLE**, robust cutter that allows for heavier chip loads.

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

**h6** tolerance for conventional and shrink fit applications. Available in Stub, Standard, Extra Long and Long Reach lengths.

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

# FANTOM 2.0



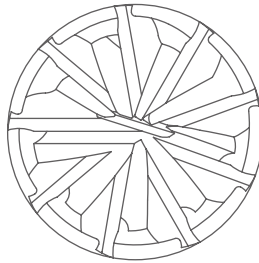
D1	L2	D2	L1	FLUTES	SQ	0.015 R	0.020 R	0.030 R	0.060 R	0.090 R	0.120 R	0.190 R	0.250 R
1/4	3/8	1/4	2	5	37540	-	37541	37542	37543	-	-	-	-
	3/4	1/4	2-1/2	5	37544	-	37545	37546	37547	-	-	-	-
	1-1/4	1/4	3	5	37548	-	-	-	-	-	-	-	-
5/16	7/8	5/16	2-1/2	5	37549	-	37550	37551	37552	-	-	-	-
	1	5/16	3	5	37553	-	37554	37555	37556	-	-	-	-
	2	5/16	4	5	37557	-	-	-	-	-	-	-	-
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	-	-
	1-1/4	3/8	3	5	37588	-	-	-	-	-	-	-	-
7/16	2	3/8	4	5	37589	-	37590	-	-	-	-	-	-
	1	7/16	2-3/4	5	37605	-	37606	37607	37608	-	-	-	-
1/2	2	7/16	4	5	37611	-	-	-	-	-	-	-	-
	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	-	-	37649	37650	37651	37652	37653	-
5/8	2	1/2	4	5	37648	-	37649	37650	37651	37652	37653	-	-
	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	2-1/4	5/8	5	5	37672	-	-	-	-	-	-	-	-
	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	37998	37999	37501	37502	37503
	2-1/4	3/4	5	5	37715	-	-	37716	37504	37100	37997	-	-
	3-1/4	3/4	6	5	37717	-	-	-	-	-	-	-	-
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
	3-1/4	1	6	5	37756	-	-	-	-	-	-	-	-
	4-1/4	1	7	5	37757	-	-	-	-	-	-	-	

Visit [fullertontool.com](http://fullertontool.com) for a full list of available Fantom 2.0 End Mills.

# 3600

S  
SUPERALLOY

H  
HARDENED



**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.

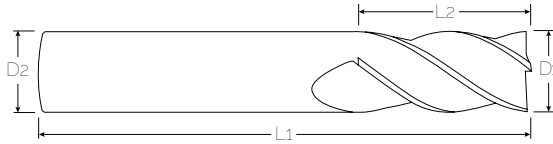
**PRODUCES EXCELLENT** surface finishes and chip control.

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

**h6** tolerance for conventional and shrink fit applications. Available in Stub, Standard and Extra Long lengths.

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
5/8	1-1/2	1/2	4	7	36253	36211	36212	-	-	-
	3/4	5/8	3-1/2	9	-	-	36214	36215	-	-
3/4	1-7/8	5/8	5	9	36255	-	36216	-	-	-
	1	3/4	4	9	-	-	-	-	-	-
1	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	-	-	-	-	-

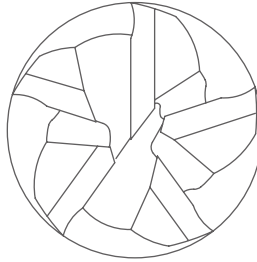
Visit [fullertontool.com](http://fullertontool.com) for a full list of available Force End Mills.

# 3845

**P**  
STEEL

**K**  
CAST IRON

**S**  
SUPERALLOY



**DESIGNED** with eccentric relief.

**45°** Helix

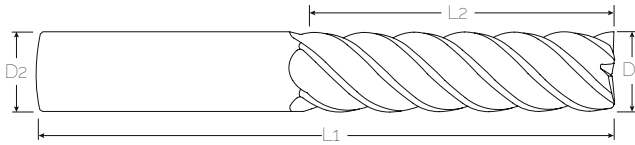
**PRODUCES SUPERIOR** part finishes at extraordinary feed rates.

**HIGH HELIX** for effective chip evacuation.

**TIALN** coating available for extended tool life.

**h6** tolerance for conventional and shrink fit applications.

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



D1	L2	D2	L1	EDP	
				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
	11/4	1/4	4	38060	38180
5/16	13/16	5/16	2 1/2	38062	38160
	11/4	5/16	3	-	38188
3/8	1/2	3/8	2 1/2	38063	38176
	1	3/8	2 1/2	38064	38162
	11/4	3/8	3	-	38189
	11/2	3/8	4	38067	38183
	2	3/8	4	38066	38182
	3	3/8	5	-	38190
1/2	5/8	1/2	3	38069	38178
	11/4	1/2	3	38070	38166
	2	1/2	4	38072	38184
	3	1/2	6	-	38191
5/8	31/8	1/2	6	-	38186
	3/4	5/8	3 1/2	38082	38177
	15/8	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
	15/8	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

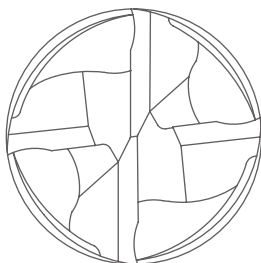
3000

P  
STEEL

K  
CAST IRON

S  
SUPERALLOY

H  
HARDENED



**DESIGNED** for difficult to machine ferrous materials.

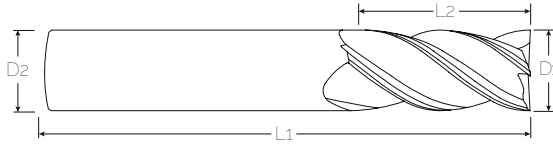
**CAN BE USED** in full slotting, roughing, and finishing applications.

**SPECIALLY DESIGNED** flute relief and unequally spaced index provides chatter-free machining.

**FC-18** coating.

**h6** tolerance for conventional and shrink fit applications.

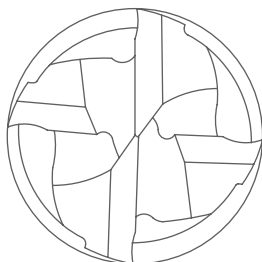
TOLERANCES	DIAMETER	SHANK	38° HELIX
	+.0000"-.002"	h6	
	+0.00mm -0.05mm		



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
1/8	1/4	1/8	11/2	-	34550	-	-	-	-	-	-	-
	1/2	1/8	11/2	-	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	-	-	-	-	-	-	-
3/8	1/2	3/8	2 1/2	-	34554	-	-	-	-	-	-	-
	7/8	3/8	2 1/2	-	34293	34409	34410	-	-	34413	-	-
	7/8	1/2	3	-	-	34230	-	-	-	-	-	-
	7/8	1/2	3	✓	-	34414	-	-	34417	-	-	-
1/2	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	-	-	-	-	-	-	-
	7/8	3/4	4	-	34557	-	-	-	-	-	-	-
	1 1/2	3/4	4	✓	34296	-	-	34426	-	34428	34429	-
	1 1/2	3/4	4	-	-	-	-	-	34287	-	-	-
3/4	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	-	-	-	-	-	-	-

# 3400

**K**  
CAST IRON



**DESIGNED FOR** difficult to machine ferrous materials.

**4 INDIVIDUALLY DESIGNED** Flutes

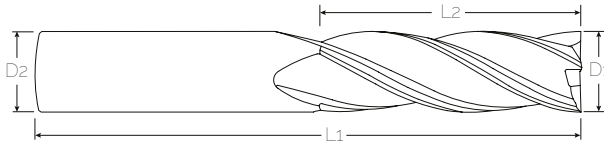
**VARIABLE** helix, variable index, and variable rake which maximizes tool life and removal rates by minimizing the effects of harmonics.

**CAPABLE** to rough and finish with one tool

**FC-18** coating.

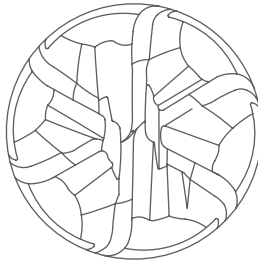
**h6** tolerance for conventional and shrink fit applications.

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	-	-	-

# 3116



**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.

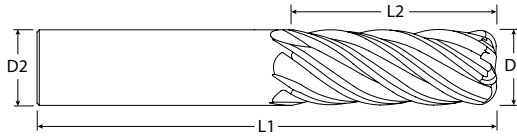
**MAXIMUM EDGE STRENGTH** and high flute count make it a durable and long-lasting tool.

**UNSURPASSED PERFORMANCE** in High Efficiency Milling (HEM)

**h6** tolerance for conventional and shrink fit applications.

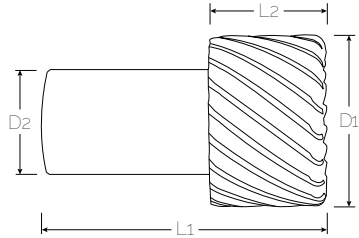
TOLERANCES	DIAMETER	SHANK	38° HELIX
	+.0000"-.002"	h6	
	+0.00mm -0.05mm		





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

# 3820



D1	L2	L1	D2	R	EDP	
					UNCOATED	FC 20
2	1 1/8	3	1 1/4	.1200	92600	92599



## 3820

**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.

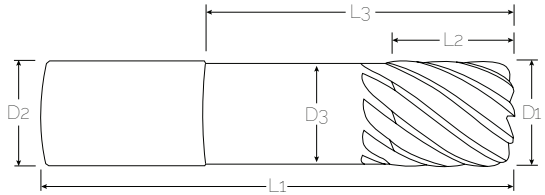
**AEROSPACE** corner radius standard

**20** flutes.

**UNCOATED OR FC-20** Coating

**h6** tolerance for conventional and shrink fit applications.

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



D1	L2	L3	L1	D2	D3	FLUTES	LENGTH	R	EDP UNCOATED
5/8	3/4	5/8	4	5/8	.0600	6	LR	.0900	37499
3/4	11/8	3/4	4	3/4	.7200	8	LR	.1200	37500



## 3810 LONG REACH

**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.

The logo features a large, stylized white 'C' on the left, followed by the word 'CURRY' in a bold, white, sans-serif font. Below 'CURRY' is the phrase 'FAMILY OF COMPANIES' in a smaller, white, sans-serif font.

# CURRY

FAMILY OF COMPANIES

