

# **FULLERTON**

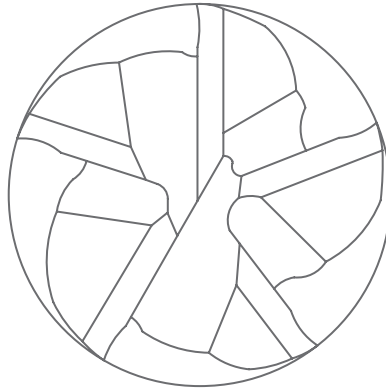
TOOL COMPANY



## HIGH PERFORMANCE END MILLS



# 3412 Series Fantom 2.0 End Mill



END VIEW

**FC-20 COATING** SIGNIFICANTLY LOWERS OPERATING CUTTING TEMPERATURE

**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.

**AVAILABLE** IN STUB, STANDARD, EXTRA LONG AND LONG REACH LENGTHS.

**h6 TOLERANCE** FOR CONVENTIONAL AND SHRINK FIT APPLICATIONS.

**CHIPBREAKERS AVAILABLE** UPON REQUEST.



SQUARE



CORNER RADIUS



CENTER CUTTING



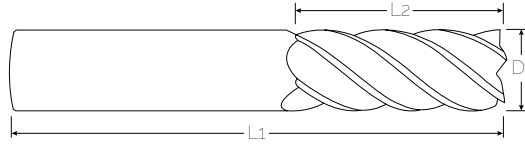
COATING



TOOL LENGTH



# FANTOM 2.0



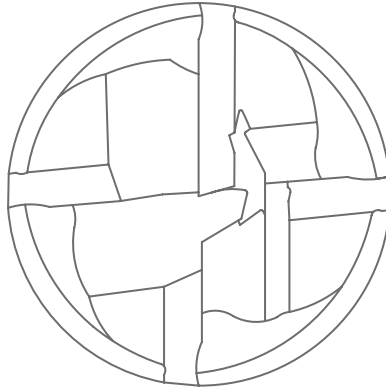
D1	L2	L1	FLUTES	SQ	0.015 R	0.020 R	0.030 R	0.060 R	0.090 R	0.120 R	0.190 R	0.250 R
1/4	3/8	2	5	37540	-	37541	37542	37543	-	-	-	-
	3/4	2-1/2	5	37544	-	37545	37546	37547	-	-	-	-
	1-1/4	3	5	37548	-	-	-	-	-	-	-	-
5/16	7/8	2-1/2	5	37549	-	37550	37551	37552	-	-	-	-
	1	3	5	37553	-	37554	37555	37556	-	-	-	-
	2	4	5	37557	-	-	-	-	-	-	-	-
3/8	1/2	2-1/2	5	37576	-	37577	37578	37579	37580	37581	-	-
	1	2-1/2	5	37582	-	37583	37584	37585	37586	37587	-	-
	1-1/4	3	5	37588	-	-	-	-	-	-	-	-
	2	4	5	37589	-	37590	-	-	-	-	-	-
7/16	1	2-3/4	5	37605	-	37606	37607	37608	-	-	-	-
	2	4	5	37611	-	-	-	-	-	-	-	-
1/2	5/8	3	5	37628	-	-	37629	37630	37631	37632	-	-
	1	3	5	37633	37635	37636	37637	37638	37639	37640	-	-
	1-1/4	3	5	37641	37642	-	37643	37644	37645	37646	-	-
	1-5/8	4	5	37647	-	-	37101	37102	37103	37104	-	-
	2	4	5	37648	-	37649	37650	37651	37652	37653	-	-
5/8	3/4	3-1/2	5	37654	-	-	37655	37657	37658	37659	-	-
	1-1/2	3-1/2	5	37660	-	-	37661	37663	37664	37665	-	-
	1-5/8	4	5	37666	-	-	37667	37669	-	37671	-	-
	2-1/4	5	5	37672	-	-	-	-	-	-	-	-
3/4	7/8	4	5	37689	-	-	37690	37692	37693	37694	-	-
	1-1/2	4	5	37704	-	37705	37706	37708	37709	37710	37711	37712
	1-5/8	4	5	37713	-	-	37714 <sub>(.035)</sub>	37998	37999	37501	37502	37503
	2-1/4	5	5	37715	-	-	37716 <sub>(.035)</sub>	37504	37100	37997	-	-
	3-1/4	6	5	37717	-	-	-	-	-	-	-	-
1	1-1/2	4	5	37739	-	-	37740	37742	-	-	-	37746
	2	5	5	37747	-	-	-	-	-	-	-	-
	2-1/4	5	5	37748	-	-	37749	37751	37752	37753	37754	37755
	3-1/4	6	5	37756	-	-	-	-	-	-	-	-
	4-1/4	7	5	37757	-	-	-	-	-	-	-	-

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

# 3500 Series Fury



P STEEL M STAINLESS STEEL N NON-FERROUS S HEAT RESISTANT ALLOYS H HARDENED STEEL



END VIEW

**FC-20 COATING** SIGNIFICANTLY  
LOWERS OPERATING CUTTING  
TEMPERATURE

**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.

**AVAILABLE** IN STUB AND STANDARD LENGTHS.



SQUARE



CORNER RADIUS



BALL



CENTER CUTTING



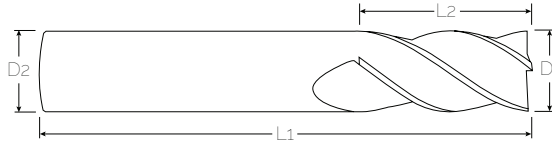
COATING



STANDARD - STUB

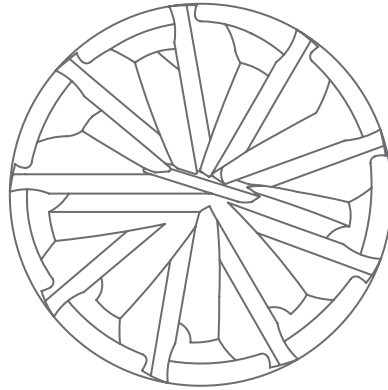


4



D1	L2	L1	FLUTES	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	1-1/2	4	35008	35096	35147	-	-	-	-	-	35003
	1/2	2	4	35016	35097	35148	-	-	-	-	-	35004
3/16	5/16	2	4	35043	35102	35153	35198	-	-	-	-	35009
	9/16	2-1/2	4	35046	35103	35154	35199	-	-	-	-	35010
1/4	3/4	2-1/2	4	35050	35104	35155	35200	-	-	-	-	35011
	3/8	2	4	35067	35110	35161	35206	35305	-	-	-	35017
	1/2	2-1/2	4	35071	35111	35162	35207	35306	-	-	-	35018
	3/4	2-1/2	4	35074	35112	35163	35208	35307	-	-	-	35019
5/16	1	3	4	35078	35113	35164	35209	35308	-	-	-	35020
	1/2	2	4	35081	35115	-	35211	-	-	-	-	35022
	3/4	2-1/2	4	35084	35116	35167	35212	35311	-	-	-	-
3/8	1	3	4	35087	35117	35168	35213	35312	-	-	-	-
	1/2	2-1/2	4	35095	35121	35172	35217	35316	-	-	-	35028
	3/4	2-1/2	4	35098	35122	35173	35218	-	-	-	-	35029
	1	3	4	35101	35123	35174	35219	35318	35383	-	-	35030
	1-1/4	3	4	35109	35124	35175	35220	-	-	-	-	35031
1/2	1-1/2	3-1/2	4	35114	35125	35176	35221	-	-	-	-	35032
	5/8	2-1/2	4	35183	35137	35188	35233	35332	-	-	-	35044
	1	3	4	35187	35138	35189	35234	35333	-	35485	-	35045
	1-1/4	3	4	35190	35140	35191	35236	35335	35400	35487	-	35047
	1-5/8	4	4	35194	35141	35192	35237	35336	-	35488	-	35048
5/8	2	4	4	-	35142	-	35238	-	-	-	-	35049
	3/4	3-1/2	4	-	-	-	35240	-	-	-	-	35051
	1-1/4	3-1/2	4	35210	-	-	35241	-	-	-	-	35052
	1-5/8	3-1/2	4	-	-	-	35243	35342	-	-	-	35054
	2	4	4	35232	-	-	35244	-	-	-	-	35055
3/4	2-1/2	5	4	-	-	-	35245	-	-	35496	-	35056
	1	3	4	35256	-	-	35254	35353	35418	35505	-	35065
	1-1/2	4	4	35260	-	-	35255	35354	-	35506	-	35066
	2	5	4	35265	-	-	35257	35356	35421	35508	35536	35068
	2-1/4	5	4	-	-	-	35258	-	-	-	35537	35069
1	3-1/4	6	4	35279	-	-	35259	-	-	-	-	35070
	1-1/4	4	4	35331	-	-	-	35373	-	-	-	35085
	2	4-1/2	4	35334	-	-	-	35374	-	-	-	35086
	2-5/8	5	4	-	-	-	-	35376	-	35528	-	-
	3-1/4	6	4	35341	-	-	-	-	-	-	35557	35089

# 3600 Series Force



END VIEW

**FC-20 COATING** SIGNIFICANTLY  
LOWERS OPERATING CUTTING  
TEMPERATURE

**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.

**h6 TOLERANCE** FOR CONVENTIONAL AND SHRINK FIT APPLICATIONS.

**AVAILABLE** IN STUB, STANDARD AND EXTRA LONG LENGTHS.



SQUARE



CORNER RADIUS



CENTER CUTTING

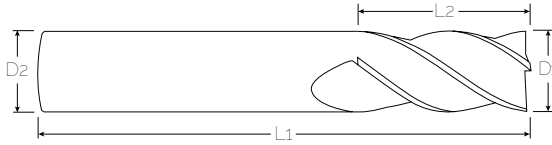


COATING



TOOL LENGTH



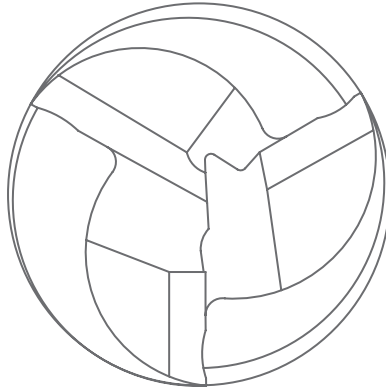


D1	L2	L1	FLUTES	SQ	0.015 R	0.030 R	0.060 R	0.090 R	0.120 R
1/4	3/8	2-1/2	5	36244	36200	-	-	-	-
	1	3	5	36245	36201	-	-	-	-
3/8	3/4	2-1/2	7	36246	36202	-	-	-	-
	1-1/8	3	7	-	36203	-	-	-	-
1/2	5/8	2-1/2	7	-	36208	36209	36210	-	-
	1	3	7	36266	36267	36268	36269	-	-
	1-1/4	3	7	36275	36276	36277	-	-	36279
	1-1/2	4	7	36253	36211	36212	36213	-	-
5/8	3/4	3-1/2	9	36254	-	36214	36215	-	-
	1-7/8	5	9	-	-	36216	36217	-	-
3/4	1	4	9	36258	-	-	36220	36221	36222
	1-5/8	4	9	36270	36271	-	36272	36274	-
	2-1/4	5	9	36259	-	-	36223	36224	36225
1	1-1/4	4	9	-	-	-	36238	36239	36240
	3	6	9	36265	-	-	36241	36242	36243

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

# 3833 Series AlumaMill G3

 NON-FERROUS  COMPOSITES / PLASTICS / HF-STALUM / LOW-STALUM / BRASS & COPPER / GRAPHITE



**END VIEW**

**FC-5 COATING AVAILABLE.**

VISIT [FULLERTONTOL.COM](http://FULLERTONTOL.COM) FOR DETAILS

**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.

**AVAILABLE** IN STUB, STANDARD, EXTRA LONG AND LONG REACH LENGTHS.

**h6 TOLERANCE** FOR CONVENTIONAL AND SHRINK FIT APPLICATIONS. CHIPBREAKERS AVAILABLE UPON REQUEST.



SQUARE



CORNER RADIUS



BALL



CENTER CUTTING



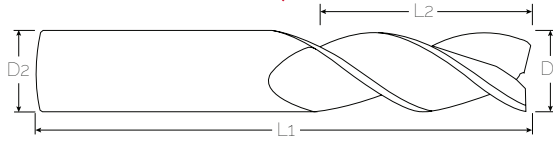
TOOL LENGTH



EDP offering continued on next page.



# AlumaMill G3™



D1	L2	L1	FLUTES	SQ	0.015 R	0.030 R	0.060 R	0.090 R	0.120 R	BALL
1/8	1/4	1-1/2	3	27045	27152	-	-	-	-	27154
	1/2	2	3	27000	27156	-	-	-	-	27158
	3/4	2	3	27100	27160	-	-	-	-	27162
3/16	5/16	2	3	27046	27178	27180	-	-	-	27182
	3/8	2	3	27101	27950	27185	-	-	-	27187
	5/8	2	3	27001	27189	27190	-	-	-	27193
1/4	1/2	2	3	27047	27233	27235	-	-	-	27237
	1/2	2-1/2	3	27102	27239	27241	-	-	-	27243
	3/4	2-1/2	3	27103	27245	27247	-	-	-	27249
	1	2-1/2	3	27002	27251	27253	-	-	-	27255
	1-1/4	3	3	27104	27257	27259	-	-	-	27261
	2	4	3	27020	27263	27265	-	-	-	27267
5/16	7/16	2-1/2	3	27105	27283	27285	-	-	-	27287
	1/2	2-1/2	3	27048	-	27291	-	-	-	27293
	13/16	2-1/2	3	27106	27295	27297	-	-	-	27299
	1	2-1/2	3	27003	27301	27303	-	-	-	27305
	1-1/4	3	3	27107	-	-	-	-	-	27311
3/8	1-1/4	4	3	27021	27313	-	-	-	-	27317
	1/2	2-1/2	3	27049	27345	27347	27349	-	-	27351
	1	2-1/2	3	27004	27353	27355	27357	-	-	27359
	1	3	3	27088	27361	27363	27365	-	-	27367
	2	4	3	27022	27369	27371	27373	-	-	27375
7/16	9/16	2-3/4	3	27050	-	-	27415	-	-	27417
	1	2-3/4	3	27005	27419	-	27423	-	-	27425
	2	4	3	27023	27427	-	-	-	-	27433
1/2	5/8	3	3	27108	27469	27471	27473	27475	27477	27479
	3/4	3	3	27051	27507	27509	27511	27513	27515	27517
	1	3	3	27109	27519	27521	27523	27525	27527	27529
	1-1/4	3	3	27006	27531	27120	27121	27533	27535	27537
	1-5/8	4	3	27952	-	-	-	-	-	-
	2	4	3	27024	27539	27541	27543	27545	27547	27549
	2-1/2	5	3	27110	27551	27553	27555	27557	27559	27561
	3-1/4	6	3	27025	27563	27565	27567	-	27571	27573
5/8	3/4	3-1/2	3	27111	27609	27611	27613	-	27928	27617
	1-1/4	3-1/2	3	27112	-	27122	27123	27619	27124	27621
	1-5/8	3-1/2	3	27007	-	27623	27625	-	27629	27631
	2-1/2	5	3	27026	-	27633	27635	-	27639	27641
	3-1/4	6	3	27027	-	27643	-	-	27649	27651
	3-3/4	6	3	27951	-	-	-	-	-	-

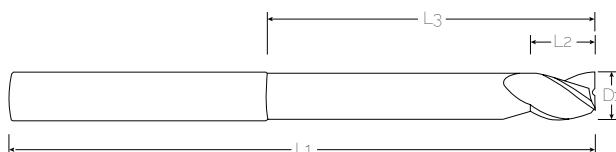
# AlumaMill G3

## 3833 AlumaMill G3

D1	L2	L1	FLUTES	SQ	0.015 R	0.030 R	0.060 R	0.090 R	0.120 R	BALL
3/4	1	4	3	27053	-	27699	27701	27703	27705	27707
	1-3/4	4	3	27008	-	27125	27126	27735	27127	27737
	2-1/2	5	3	27028	-	27739	27741	-	27745	27747
	3-1/4	6	3	27029	-	27749	-	27753	27755	27757
1	1-1/4	4	3	27054	-	27851	27853	-	27857	27859
	1-3/4	4	3	27009	-	-	27889	-	27893	27895
	2-1/2	5	3	27030	-	27897	27899	-	27903	27905
	3-1/4	6	3	27031	-	-	27909	27911	27913	27915
	4-1/8	7	3	27113	-	27918	27920	-	-	-

# AlumaMill G3

## 3833 Long Reach



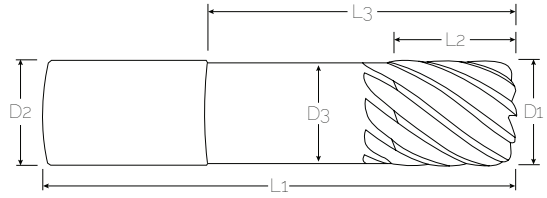
D1	L2	L3	L1	FLUTES	SQ	0.015 R	0.030 R	0.060 R	0.090 R	0.120 R	BALL
1/2	5/8	2-1/4	4	3	27130	27482	27484	27486	27488	27490	27492
	5/8	3-3/8	6	3	27131	27495	27497	27499	27501	27503	27505
3/4	1	2-1/4	6	3	27132	27710	27712	27714	-	27718	27720
	1	3-3/8	6	3	27133	27723	27725	27727	-	27731	27733
1	1-1/4	3-3/8	6	3	27134	27862	27864	-	-	27870	27872
	1-1/4	4-3/8	7	3	27135	-	-	-	-	27883	-



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

# DREAM™

## 3810 Long Reach



D1	L2	L3	L1	D2	D3	FLUTES	LENGTH	R	EDP Number	
									UC	FC 20
1/2	3/4	2 1/2	4	1/2	.4800	6	LR	.0600	37498	37497
3/4	1 1/8	2 1/2	4	3/4	.7200	8	LR	.1200	37500	37496
1	1 1/8	3	4 1/2	1	.9600	10	LR	.1200	38562	37495
<b>Metric</b>										
20.00	28.00	63.00	100.00	20.00	19.22	8	LR	3.00	38565	37494
25.00	28.00	76.00	114.00	25.00	24.00	10	LR	3.00	38567	37493

UNCOATED  
OR FC-20  
COATING



AEROSPACE  
CORNER RADIUS  
STANDARD

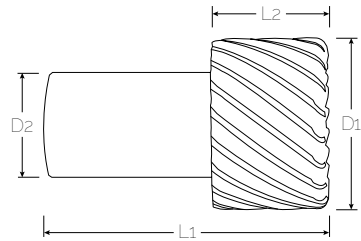
LONG REACH  
LENGTH

6 TO 10 FLUTES

# HERCULUS™

## 3820

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



UNCOATED  
OR FC-20  
COATING



AEROSPACE  
CORNER RADIUS  
STANDARD

STANDARD LENGTH

20 FLUTES

# **FULLERTON**

TOOL COMPANY

## **DOWNLOAD OUR SPEED & FEED CALCULATOR MOBILE APP**



Calculate optimal settings instantly from the convenience of your phone or tablet, regardless if you're slotting, peel milling or trichoidal milling. Available for Android & iOS, it will soon be your favorite resource when tooling up a machine.

## **ABOUT FULLERTON TOOL COMPANY**

Fullerton Tool Company is a third-generation, family owned business that specializes in the design and production of solid carbide cutting tools for a wide variety of industries. Founded in 1942, the company manufactures high quality end mills, drills, reamers, burrs, saws, keyseat cutters and PCD tooling. Fullerton's Advanced Solutions Team (FAST) is the foundation of the company's commitment to continuously improve, innovate and provide vast product diversity. Fullerton is an ISO 9001:2015 certified company.



**Fullerton Tool Company**  
Saginaw, MI

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**fullertontool.com**