FULLERTON
TOOL COMPANY

AD

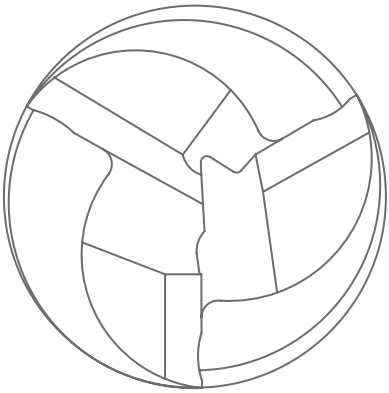


989.799.4550 | 800.248.8315
SALES@FULLERTONTOOL.COM
FULLERTONTOOL.COM

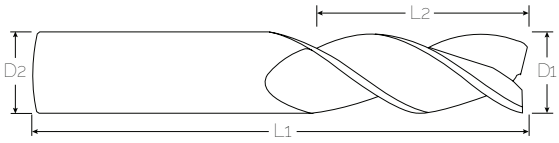
3833

AlumaMill G3





END VIEW



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.

Available in Stub, Standard, Extra Long and Long Reach lengths.

h6 tolerance for conventional and shrink fit applications. Chipbreakers available upon request.

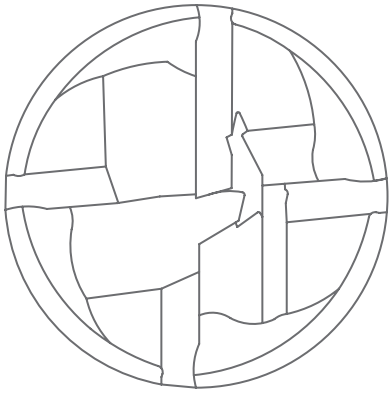
N NON-FERROUS COMPOSITES / PLASTICS



D1	L2	D2	L1	FLUTES	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	3	27045	27152	-	-	-	-	27154
	1/2	1/8	2	3	27000	27156	-	-	-	-	27158
	3/4	1/8	2	3	27100	27160	-	-	-	-	27162
3/16	5/16	3/16	2	3	27046	27178	27180	-	-	-	27182
	3/8	3/16	2	3	27101	27950	27185	-	-	-	27187
	5/8	3/16	2	3	27001	27189	27190	-	-	-	27193
1/4	1/2	1/4	2	3	27047	27233	27235	-	-	-	27237
	1/2	1/4	2-1/2	3	27102	27239	27241	-	-	-	27243
	3/4	1/4	2-1/2	3	27103	27245	27247	-	-	-	27249
	1	1/4	2-1/2	3	27002	27251	27253	-	-	-	27255
	1-1/4	1/4	3	3	27104	27257	27259	-	-	-	27261
	2	1/4	4	3	27020	27263	27265	-	-	-	27267
5/16	7/16	5/16	2-1/2	3	27105	27283	27285	-	-	-	27287
	1/2	5/16	2-1/2	3	27048	-	27291	-	-	-	27293
	13/16	5/16	2-1/2	3	27106	27295	27297	-	-	-	27299
	1	5/16	2-1/2	3	27003	27301	27303	-	-	-	27305
	1-1/4	5/16	3	3	27107	-	-	-	-	-	27311
	1-1/4	5/16	4	3	27021	27313	-	-	-	-	27317
3/8	1/2	3/8	2-1/2	3	27049	27345	27347	27349	-	-	27351
	1	3/8	2-1/2	3	27004	27353	27355	27357	-	-	27359
	1	3/8	3	3	27088	27361	27363	27365	-	-	27367
	2	3/8	4	3	27022	27369	27371	27373	-	-	27375
7/16	9/16	7/16	2-3/4	3	27050	-	-	27415	-	-	27417
	1	7/16	2-3/4	3	27005	27419	-	27423	-	-	27425
	2	7/16	4	3	27023	27427	-	-	-	-	27433
1/2	5/8	1/2	3	3	27108	27469	27471	27473	27475	27477	27479
	3/4	1/2	3	3	27051	27507	27509	27511	27513	27515	27517
	1	1/2	3	3	27109	27519	27521	27523	27525	27527	27529
	1-1/4	1/2	3	3	27006	27531	27120	27121	27533	27535	27537
	1-5/8	1/2	4	3	27952	-	-	-	-	-	-
	2	1/2	4	3	27024	27539	27541	27543	27545	27547	27549
	2-1/2	1/2	5	3	27110	27551	27553	27555	27557	27559	27561
	3-1/4	1/2	6	3	27025	27563	27565	27567	-	27571	27573
5/8	3/4	5/8	3-1/2	3	27111	27609	27611	27613	-	27928	27617
	1-1/4	5/8	3-1/2	3	27112	-	27122	27123	27619	27124	27621
	1-5/8	5/8	3-1/2	3	27007	-	27623	27625	-	27629	27631
	2-1/2	5/8	5	3	27026	-	27633	27635	-	27639	27641
	3-1/4	5/8	6	3	27027	-	27643	-	-	27649	27651
	3-3/4	5/8	6	3	27951	-	-	-	-	-	-
3/4	1	3/4	4	3	27053	-	27699	27701	27703	27705	27707
	1-3/4	3/4	4	3	27008	-	27125	27126	27735	27127	27737
	2-1/2	3/4	5	3	27028	-	27739	27741	-	27745	27747
	3-1/4	3/4	6	3	27029	-	27749	-	27753	27755	27757
1	1-1/4	1	4	3	27054	-	27851	27853	-	27857	27859
	1-3/4	1	4	3	27009	-	-	27889	-	27893	27895
	2-1/2	1	5	3	27030	-	27897	27899	-	27903	27905
	3-1/4	1	6	3	27031	-	-	27909	27911	27913	27915
	4-1/8	1	7	3	27113	-	27918	27920	-	-	-

3500

FURY



END VIEW



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

DOMINATES in Stainless Steels, Super Alloys and Titanium.

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

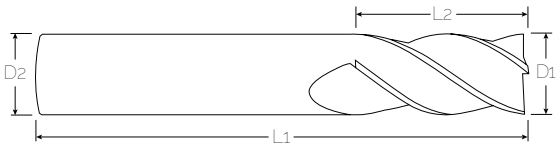
TOOL VERSATILITY that results in higher productivity, less tool changes and longer tool life.

PRODUCES EXCELLENT surface finishes.

FC-20 coating significantly lowers operating cutting temperature.

Available in Stub and Standard lengths.



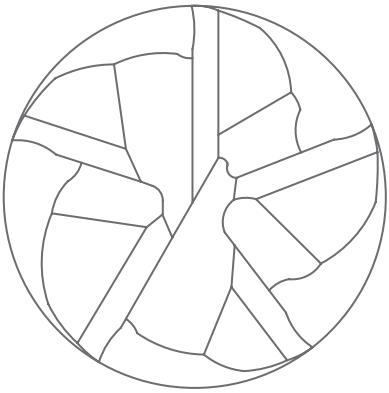


D1	L2	D2	L1	FLUTES	SQ	0.010 R	0.020 R	0.030 R	0.060 R	0.090 R	0.120 R	0.25 R	BALL
1/8	1/4	1/8	1-1/2	4	35008	35096	35147	-	-	-	-	-	35003
	1/2	1/8	2	4	35016	35097	35148	-	-	-	-	-	35004
3/16	5/16	3/16	2	4	35043	35102	35153	35198	-	-	-	-	35009
	9/16	3/16	2-1/2	4	35046	35103	35154	35199	-	-	-	-	35010
	3/4	3/16	2-1/2	4	35050	35104	35155	35200	-	-	-	-	35011
1/4	3/8	1/4	2	4	35067	35110	35161	35206	35305	-	-	-	35017
	1/2	1/4	2-1/2	4	35071	35111	35162	35207	35306	-	-	-	35018
	3/4	1/4	2-1/2	4	35074	35112	35163	35208	35307	-	-	-	35019
	1	1/4	3	4	35078	35113	35164	35209	35308	-	-	-	35020
5/16	1/2	5/16	2	4	35081	35115	-	35211	-	-	-	-	35022
	3/4	5/16	2-1/2	4	35084	35116	35167	35212	35311	-	-	-	-
	1	5/16	3	4	35087	35117	35168	35213	35312	-	-	-	-
3/8	1/2	3/8	2-1/2	4	35095	35121	35172	35217	35316	-	-	-	35028
	3/4	3/8	2-1/2	4	35098	35122	35173	35218	-	-	-	-	35029
	1	3/8	3	4	35101	35123	35174	35219	35318	35383	-	-	35030
	1-1/4	3/8	3	4	35109	35124	35175	35220	-	-	-	-	35031
	1-1/2	3/8	3-1/2	4	35114	35125	35176	35221	-	-	-	-	35032
1/2	5/8	1/2	2-1/2	4	35183	35137	35188	35233	35332	-	-	-	35044
	1	1/2	3	4	35187	35138	35189	35234	35333	-	35485	-	35045
	1-1/4	1/2	3	4	35190	35140	35191	35236	35335	35400	35487	-	35047
	1-5/8	1/2	4	4	35194	35141	35192	35237	35336	-	35488	-	35048
	2	1/2	4	4	-	35142	-	35238	-	-	-	-	35049
5/8	3/4	5/8	3-1/2	4	-	-	-	35240	-	-	-	-	35051
	1-1/4	5/8	3-1/2	4	35210	-	-	35241	-	-	-	-	35052
	1-5/8	5/8	3-1/2	4	-	-	-	35243	35342	-	-	-	35054
	2	5/8	4	4	35232	-	-	35244	-	-	-	-	35055
	2-1/2	5/8	5	4	-	-	-	35245	-	-	35496	-	35056
3/4	1	3/4	3	4	35256	-	-	35254	35353	35418	35505	-	35065
	1-1/2	3/4	4	4	35260	-	-	35255	35354	-	35506	-	35066
	2	3/4	5	4	35265	-	-	35257	35356	35421	35508	35536	35068
	2-1/4	3/4	5	4	-	-	-	35258	-	-	-	35537	35069
	3-1/4	3/4	6	4	35279	-	-	35259	-	-	-	-	35070
1	1-1/4	1	4	4	35331	-	-	-	35373	-	-	-	35085
	2	1	4-1/2	4	35334	-	-	-	35374	-	-	-	35086
	2-5/8	1	5	4	-	-	-	-	35376	-	35528	-	-
	3-1/4	1	6	4	35341	-	-	-	-	-	-	35557	35089

3412

FANTOM 2.0





END VIEW

P STEEL M STAINLESS STEEL K CAST IRON S HEAT RESISTANT ALLOYS H HARDENED STEEL

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.

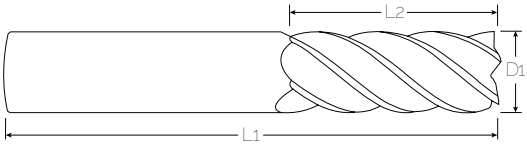
h6 tolerance for conventional and shrink fit applications.

FC-20 coating significantly lowers operating cutting temperature.

Chipbreakers available upon request.

Available in Stub, Standard, Extra Long and Long Reach lengths.



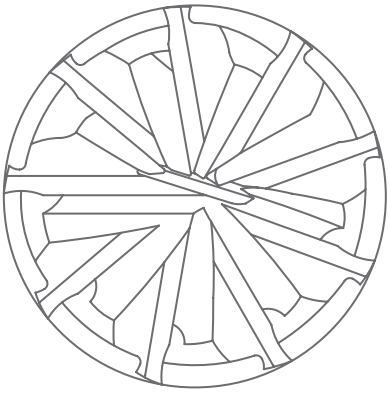


D1	L2	D2	L1	FLUTES	SQ	0.015 R	0.020 R	0.030 R	0.060 R	0.090 R	0.120 R	0.190 R	0.250 R
1/4	3/8	1/4	2	5	37540	-	37541	37542	37543	-	-	-	-
	3/4	1/4	2-1/2	5	37544	-	37545	37546	37547	-	-	-	-
	1-1/4	1/4	3	5	37548	-	-	-	-	-	-	-	-
5/16	7/8	5/16	2-1/2	5	37549	-	37550	37551	37552	-	-	-	-
	1	5/16	3	5	37553	-	37554	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	-	-	-	-	-	-	-	-
	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	-	-
	2-1/4	5/8	5	5	37672	-	-	-	-	-	-	-	-
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	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 for a full list of available Fantom 2.0 End Mills.

3600

FORCE



END VIEW



P STEEL M STAINLESS STEEL K CAST IRON S HEAT RESISTANT ALLOYS H HARDENED STEEL

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.

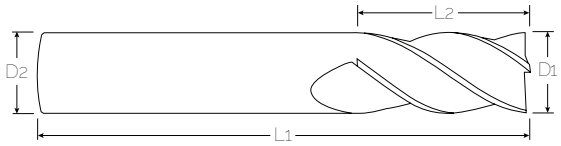
PRODUCES EXCELLENT surface finishes and chip control.

FC-20 coating significantly lowers operating cutting temperature.

h6 tolerance for conventional and shrink fit applications.

Available in Stub, Standard and Extra Long lengths.





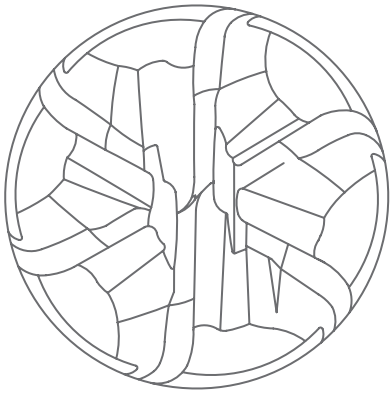
D1	L2	D2	L1	FLUTES	SQ	0.015 R	0.030 R	0.060 R	0.090 R	0.120 R
1/4	3/8	1/4	2-1/2	5	36244	36200	-	-	-	-
	1	1/4	3	5	36245	36201	-	-	-	-
3/8	3/4	3/8	2-1/2	7	36246	36202	-	-	-	-
	1-1/8	3/8	3	7	-	36203	-	-	-	-
1/2	5/8	1/2	2-1/2	7	-	36208	36209	36210	-	-
	1	1/2	3	7	36266	36267	36268	36269	-	-
	1-1/4	1/2	3	7	36275	36276	36277	-	-	36279
	1-1/2	1/2	4	7	36253	36211	36212	36213	-	-
5/8	3/4	5/8	3-1/2	9	36254	-	36214	36215	-	-
	1-7/8	5/8	5	9	-	-	36216	36217	-	-
3/4	1	3/4	4	9	36258	-	-	36220	36221	36222
	1-5/8	3/4	4	9	36270	36271	-	36272	36274	-
	2-1/4	3/4	5	9	36259	-	-	36223	36224	36225
1	1-1/4	1	4	9	-	-	-	36238	36239	36240
	3	1	6	9	36265	-	-	36241	36242	36243

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

3116

TiMILL





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.

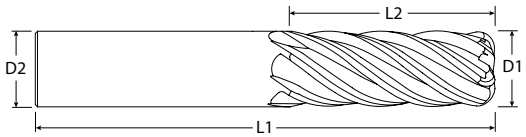
INCREASED CORE FOR STRENGTH and stability in-cut.

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

UNSURPASSED PERFORMANCE in High Efficiency Milling (HEM)

S HEAT RESISTANT ALLOYS

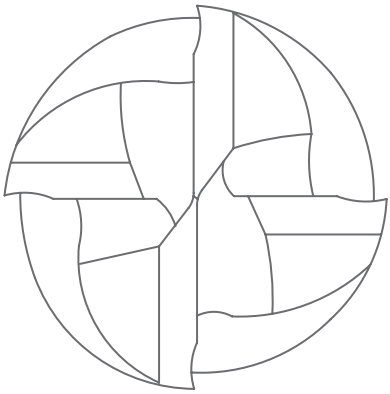
SQUARE | CORNER RADIUS | CENTER CUTTING | FCB COATING | SD STB TOOL LENGTH | 6



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
	1.0	3/8	3.0	29001	29108	29109	29110	29111	-
1/2	5/8	1/2	2-1/2	-	-	-	29112	29113	-
	1.0	1/2	3.0	29002		29114	29115	29116	29117
	1-1/4	1/2	4.0	-	-	-	29118	29119	29120
5/8	3/4	5/8	3.0	-	-	-	29133	-	-
	1-5/8	5/8	3-1/2	29003	-	-	29121	29122	29123
3/4	1.0	3/4	4.0		-	-	29124	29125	29126
	1-5/8	3/4	4.0	29004	-	-	29127	29128	29129
1.0	2.0	1.0	4-1/2	29005	-	-	29130	29131	29132

3200

AD 2020 PROMO ITEM





P STEEL M STAINLESS STEEL K CAST IRON S HEAT RESISTANT ALLOYS H HARDENED STEEL

General purpose end mills featuring a **high performance** coating.

AFFORDABLE AND VERSATILE tooling solution that increases feed rates and improves tool life.

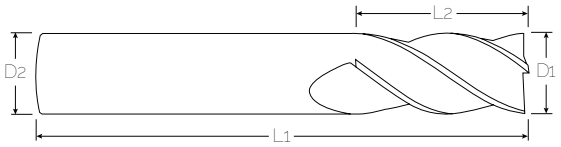
IDEAL for roughing & finishing in difficult-to-machine applications without the associated cost of high performance tooling.

FC-20 coating significantly lowers operating cutting temperature.

PRODUCES INCREASED PRODUCTIVITY at a great value.

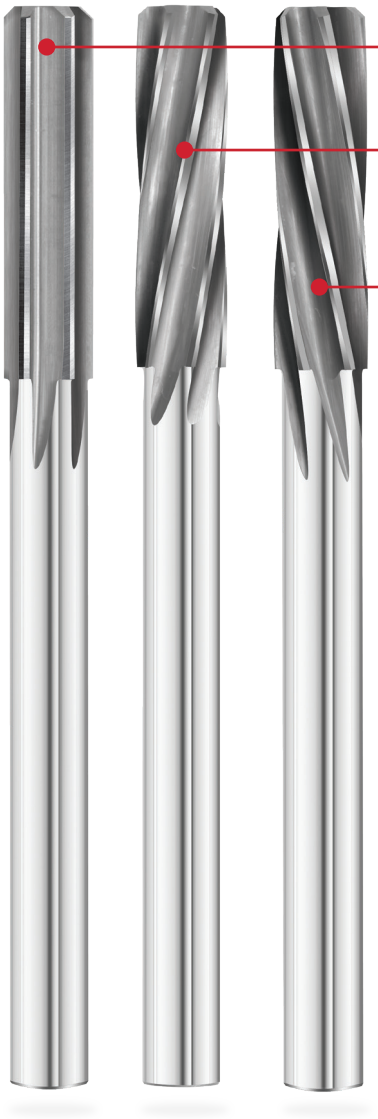
SQUARE | CORNER RADIUS | CENTER CUTTING | FC20 COATING | 30° HELIX | 4

3200FC20



D1	L2	L1	FLUTES	SQ	0.010 R	0.020 R	0.030 R	0.060 R	0.090 R	0.120 R	BALL
1/8	1/4	1-1/2	4	32145FC20	31908FC20	31910FC20	31911FC20	-	-	-	32161FC20
	1/2	1-1/2	4	32008FC20	31675FC20	33709FC20	31676FC20	-	-	-	32036FC20
3/16	3/8	2	4	32147FC20	31913FC20	31915FC20	31916FC20	-	-	-	31916FC20
	5/8	2	4	32011FC20	31684FC20	33710FC20	33718FC20	-	-	-	32039FC20
	1	4	4	30238FC20	31744FC20	31746FC20	31747FC20	-	-	-	30240FC20
1/4	1/2	2	4	32148FC20	-	31919FC20	31920FC20	31921FC20	31922FC20	-	32460FC20
	5/8	3	4	32393FC20	-	-		-	-	-	32406FC20
	3/4	2-1/2	4	32013FC20	-	33711FC20	33719FC20	31691FC20	31692FC20	-	32041FC20
	1	4	4	30200FC20	-	-	-	-	-	-	30205FC20
5/16	1/2	2-1/2	4	32149FC20	-	31924FC20	31925FC20	31926FC20	31927FC20	31928FC20	32165FC20
	7/8	2-1/2	4	32015FC20	-	33712FC20	33720FC20	31693FC20	31694FC20	31695FC20	32043FC20
	1	4	4	30201FC20	-	-	-	-	-	-	30206FC20
3/8	5/8	2-1/2	4	32150FC20	-	31930FC20	31931FC20	31932FC20	31933FC20	31934FC20	32166FC20
	3/4	3-1/2	4	32397FC20							32410FC20
	1	2-1/2	4	32017FC20	-	33713FC20	33721FC20	33733FC20	31696FC20	31697FC20	33733FC20
	1-1/8	3	4	32578FC20		31778FC20	31779FC20	31780FC20	31781FC20	31782FC20	32579FC20
	1-1/2	4	4	30220FC20	-	31772FC20	31773FC20	31774FC20	31775FC20	31776FC20	30221FC20
1/2	5/8	3	4	32451FC20	-	-	-	-	-	-	32464FC20
	1	3	4	32019FC20	-	33714FC20	33722FC20	33734FC20	33738FC20	31704FC20	32047FC20
	1-1/4	3	4	30239FC20	-	-	-	-	-	-	30241FC20
	1-1/2	4	4	32582FC20	-	31802FC20	31803FC20	31804FC20	31805FC20	31806FC20	32583FC20
	2	4	4	32260FC20	-	31808FC20	31809FC20	31810FC20	31811FC20	31812FC20	32280FC20
5/8	1	3-1/2	4	32153FC20	-	31942FC20	31943FC20	31944FC20	31945FC20	31946FC20	32169FC20
	1-1/2	3-1/2	4	32021FC20	-	33715FC20	33723FC20	33735FC20	33739FC20	31705FC20	32049
	2-1/2	5	4	32262FC20	-	31820FC20	31821FC20	31822FC20	31823FC20	31824FC20	32282FC20
	3	6	4	32263FC20	-	31826FC20	31827FC20	31828FC20	31829FC20	31830FC20	32283FC20
3/4	1	4	4	32154FC20	-	31948FC20	31949FC20	31950FC20	31951FC20	31952FC20	32170FC20
	1-1/2	4	4	32023FC20	-	33716FC20	33724FC20	33736FC20	33740FC20	31706FC20	32051FC20
	2	5	4	32250FC20	-	-	-	-	-	-	-
	2-1/2	5	4	32264FC20	-	31832FC20	31833FC20	31834FC20	31835FC20	31836FC20	32284FC20
	3	6	4	32265FC20	-	31839FC20	31840FC20	31841FC20	31842FC20	31843FC20	32285FC20
1	1-1/2	4	4	32025FC20	-	33717FC20	33725FC20	33737FC20	33741FC20	31708FC20	32053FC20
	2	4-1/2	4	32267FC20	-	-	-	-	-	-	32287FC20
	2-1/2	5	4	32268FC20	-	-	-	-	-	-	32288FC20
	3	6	4	32269FC20	-	31846FC20	31847FC20	31848FC20	31849FC20	31850FC20	32289FC20

1410



STRAIGHT FLUTES For all types of general reaming applications.

RH SPIRAL FLUTES For blind holes and abrasive, ductile materials. Do not use for holes with interruptions unless material is reasonably soft.

LH SPIRAL FLUTES Produce better finishes on hard materials such as heat-treated steels. Shear action is excellent for holes with interruptions, e.g., keyways, elongated slots, etc.

Straight Flute Standard Sizes available in 1400 Series Stub

Available with Coatings at Tolerances as Low as .0001"
(Additional Charges May Apply)

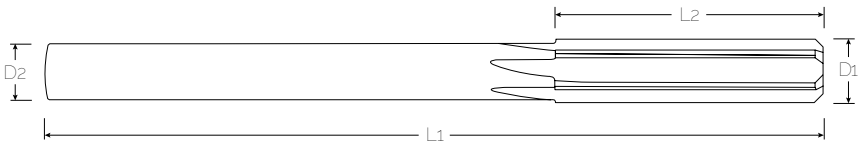
Manufactured using Female and Male Centers for improved concentricity.

Male Centers on items up to .1124" (2.86mm)

TOLERANCE:		
SHANK DIAMETER: D2	+.0005"	-.0005"
	+.013MM	-.013MM
CUTTING DIAMETER: D1		
UP TO .2500"	+.0002"	-.0000"
OVER .2501"	+.0003"	-.0000"
UP TO 6.35MM	+.005MM	-.000MM
OVER 6.351MM	+.008MM	-.000MM
.0001" TOLERANCES AVAILABLE (+20%)		



JIT REAMERS



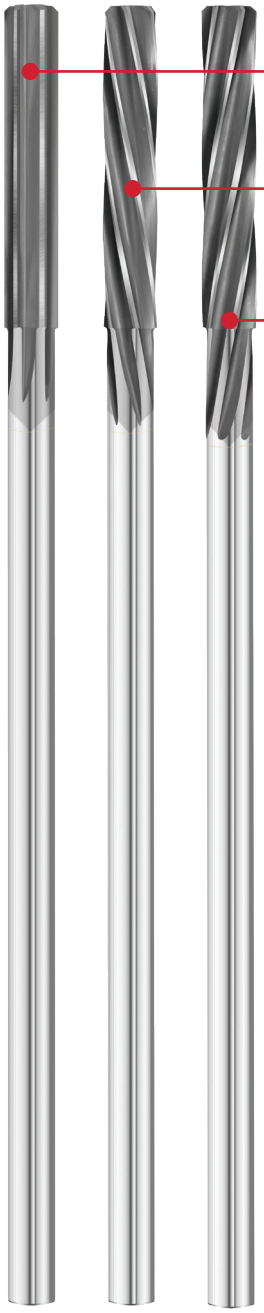
SIZE RANGE D1	STYLE	L2	D2	L1	FLUTES	EDP Number		
						ST	RH	LH
.0312 - .0394	STB	3/8	.0312	1 1/2	4	1410S01	1410R01	1410L01
.0395 - .0484	STB	3/8	.0312	1 1/2	4	1410S02	1410R02	1410L02
.0485 - .0574	STB	3/8	.0469	1 1/2	4	1410S03	1410R03	1410L03
.0575 - .0654	STB	3/8	.0469	1 1/2	4	1410S04	1410R04	1410L04
.0655 - .0804	STB	1/2	.0625	2	4	1410S05	1410R05	1410L05
.0805 - .0964	STB	1/2	.0781	2	4	1410S06	1410R06	1410L06
.0965 - .1124	STB	5/8	.0938	2 1/4	4	1410S07	1410R07	1410L07
.1125 - .1284	STB	5/8	.1094	2 1/4	4	1410S08	1410R08	1410L08
.1285 - .1444	STB	3/4	.1250	2 1/2	4	1410S09	1410R09	1410L09
.1445 - .1594	STB	3/4	.1406	2 1/2	4	1410S10	1410R10	1410L10
.1595 - .1744	STB	7/8	.1562	2 3/4	4	1410S11	1410R11	1410L11
.1745 - .1914	STB	7/8	.1719	2 3/4	4	1410S12	1410R12	1410L12
.1915 - .2234	STB	1	.1875	3	6	1410S13	1410R13	1410L13
.2235 - .2544	STB	1	.2188	3	6	1410S14	1410R14	1410L14
.2545 - .2844	STB	1 1/8	.2500	3 1/4	6	1410S15	1410R15	1410L15
.2845 - .3164	STB	1 1/8	.2812	3 1/4	6	1410S16	1410R16	1410L16
.3165 - .3484	STB	1 1/4	.3125	3 1/2	6	1410S17	1410R17	1410L17
.3485 - .3794	STB	1 1/4	.3438	3 1/2	6	1410S18	1410R18	1410L18
.3795 - .4104	STB	1 1/2	.3750	4	6	1410S19	1410R19	1410L19
.4105 - .4414	STB	1 1/2	.4062	4	6	1410S20	1410R20	1410L20
.4415 - .4724	STB	1 1/2	.4375	4	6	1410S21	1410R21	1410L21
.4725 - .5054	STB	1 1/2	.4688	4	6	1410S22	1410R22	1410L22

Due to temperatures reached in the coating process, Fullerton Tool cannot guarantee concentricity on reamers with Cutting Diameter .3485" and over.

Same Day Delivery If Ordered by 11AM EST
Add 20% to Price.

LIVE CHAT
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1450



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LH SPIRAL FLUTES Produce better finishes on hard materials such as heat-treated steels. Shear action is excellent for holes with interruptions, e.g., keyways, elongated slots, etc.

Straight Flute Standard Sizes available in 1400 Series Standard

Available with Coatings at Tolerances as low as .0001"
(Additional Charges May Apply)

Steel Shanks on items with Cutting Diameter .3485" and over

Female Centers.

TOLERANCE:		
SHANK DIAMETER: D2	+.0005"	-.0005"
	+.013MM	-.013MM
CUTTING DIAMETER: D1		
UP TO .2500"	+.0002"	-.0000"
OVER .2501"	+.0003"	-.0000"
UP TO 6.35MM	+.005MM	-.000MM
OVER 6.351MM	+.008MM	-.000MM
.0001" TOLERANCES AVAILABLE (+20%)		



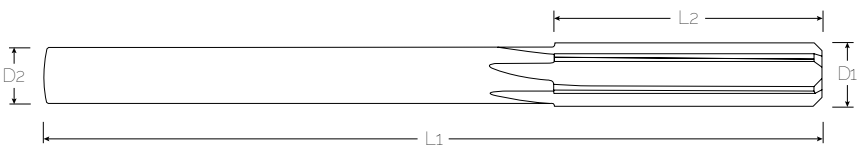
3:00 PM EST
ORDER DEADLINE

JIT SERVICES

24-HOUR JUST IN TIME DELIVERY

12 PIECES OR LESS ALL STYLES

JIT REAMERS

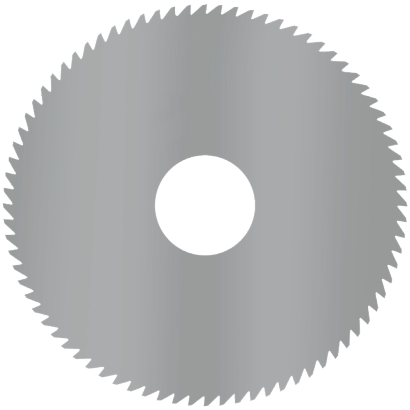


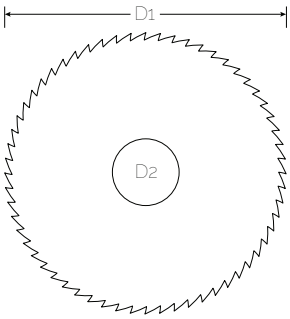
SIZE RANGE D1	STYLE	L2	D2	L1	FLUTES	STEEL SHANK	EDP Number		
							ST	RH	LH
.1105 - .1284	SD	7/8	.1094	3 1/2	4	-	1450S01	1450R01	1450L01
.1285 - .1444	SD	7/8	.1250	3 1/2	4	-	1450S02	1450R02	1450L02
.1445 - .1594	SD	1	.1406	4	4	-	1450S03	1450R03	1450L03
.1595 - .1744	SD	1	.1562	4	4	-	1450S04	1450R04	1450L04
.1745 - .1914	SD	1 1/8	.1719	4 1/2	4	-	1450S05	1450R05	1450L05
.1915 - .2234	SD	1 1/4	.1875	5	6	-	1450S06	1450R06	1450L06
.2235 - .2544	SD	1 1/2	.2188	6	6	-	1450S07	1450R07	1450L07
.2545 - .2844	SD	1 1/2	.2500	6	6	-	1450S08	1450R08	1450L08
.2845 - .3164	SD	1 5/8	.2812	6	6	-	1450S09	1450R09	1450L09
.3165 - .3484	SD	1 5/8	.3125	6	6	-	1450S10	1450R10	1450L10
.3485 - .3794	SD	1 3/4	.3438	7	6	✓	1450S11	1450R11	1450L11
.3795 - .4104	SD	1 3/4	.3750	7	6	✓	1450S12	1450R12	1450L12
.4105 - .4414	SD	1 3/4	.4062	7	6	✓	1450S13	1450R13	1450L13
.4415 - .4724	SD	1 3/4	.4375	8	6	✓	1450S14	1450R14	1450L14
.4725 - .5054	SD	1 3/4	.4688	8	6	✓	1450S15	1450R15	1450L15
.5055 - .5360	SD	1 7/8	.5000	9	6	✓	1450S16	1450R16	1450L16
.5361 - .5670	SD	1 7/8	.5000	9	6	✓	1450S16B	1450R16B	1450L16B
.5671 - .5990	SD	1 7/8	.5625	9	6	✓	1450S17	1450R17	1450L17
.5991 - .6300	SD	1 7/8	.5625	9	6	✓	1450S17B	1450R17B	1450L17B
.6301 - .6630	SD	2	.6250	9 1/2	6	✓	1450S18	1450R18	1450L18
.6631 - .6930	SD	2	.6250	9 1/2	6	✓	1450S18B	1450R18B	1450L18B
.6931 - .7250	SD	2	.6875	9 1/2	6	✓	1450S19	1450R19	1450L19
.7251 - .7560	SD	2	.6875	9 1/2	6	✓	1450S19B	1450R19B	1450L19B
.7561 - .7870	SD	2	.7500	10	8	✓	1450S20	1450R20	1450L20
.7871 - .8190	SD	2	.7812	10	8	✓	1450S21	1450R21	1450L21
.8191 - .8500	SD	2	.8125	10	8	✓	1450S22	1450R22	1450L22
.8501 - .8820	SD	2	.8438	10	8	✓	1450S23	1450R23	1450L23
.8821 - .9120	SD	2	.8750	10	8	✓	1450S24	1450R24	1450L24
.9121 - .9440	SD	2	.9062	10	8	✓	1450S25	1450R25	1450L25
.9441 - .9760	SD	2	.9375	10	8	✓	1450S26	1450R26	1450L26
.9761 - 1.0100	SD	2	.9688	10	8	✓	1450S27	1450R27	1450L27

Due to temperatures reached in the coating process, Fullerton Tool cannot guarantee concentricity on reamers with Cutting Diameter .3485" and over.

Same Day Delivery If Ordered by 11AM EST
Add 20% to Price.

2450





UNCOATED
COATING

1
IMPERIAL

THE 2450 JIT SAW EXCELS IN CAST IRON, STEEL, STAINLESS STEEL, ALLOYS, COMPOSITES, AND HARDENED STEEL. The 2450 JIT Saw offers 24-hour and 48-hour just-in-time delivery of saws sized to exact size requirements. It comes in various arbor diameters in relation to their outer cutting diameter. The 2450 JIT Saw is stocked uncoated.

FOR SIZE RANGES: .25 - 3”
1-12 pieces, **24-Hours**
13-25 pieces, **48-Hours**
26-49 pieces, **5 Working Days**
50+ pieces, Contact Fullerton Tool

FOR SIZE RANGES: > 3”
1-6 pieces, **24-Hours**
7-12 pieces, **48-Hours**
13-25 pieces, **5 Working Days**
26-49 pieces, **10 Working Days**
50+ pieces, Contact Fullerton Tool

TOLERANCE:		
CUTTING DIAMETER: D1	+.005”	-.000”
HOLE DIAMETER: D2	+.0005”	+.0001”
THICKNESS:	+.00025”	-.00025”

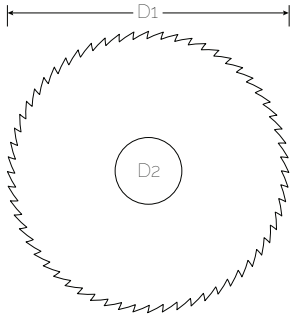
1/4 - 6” Outside Diameters (OD) Available
1/8 - 1” Inside Diameter Available Depending on OD Size
.0060 - .2500” Thickness Available Depending on OD Size
.0005” Concavity per Inch of Diameter for Clearance

FERROUS SAW

D1	SIZE RANGE	D2	TEETH	EDP Number UC
1/4	.0100 - .0350	1/8	12	2450001
5/16	.0100 - .0350	1/8	12	2450002
3/8	.0060 - .0259	1/8	14	2450003
	.0260 - .0630	1/8	14	2450004
1/2	.0060 - .0349	3/16	14	2450005
	.0350 - .0630	3/16	14	2450006
5/8	.0060 - .0149	1/4	16	2450007
	.0150 - .0409	1/4	16	2450008
	.0410 - .0630	1/4	16	2450009
3/4	.0060 - .0149	1/4	18	2450010
	.0150 - .0409	1/4	18	2450011
	.0410 - .0639	1/4	18	2450012
	.0640 - .0949	1/4	18	2450013
	.0950 - .1300	1/4	18	2450014
1	.0100 - .0199	1/4	20	2450015
	.0200 - .0409	1/4	20	2450018
	.0410 - .0639	1/4	20	2450021
	.0640 - .0949	1/4	20	2450024
	.0950 - .1300	1/4	20	2450027
	.0100 - .0199	5/16	20	2450016
	.0200 - .0409	5/16	20	2450019
	.0410 - .0639	5/16	20	2450022
	.0640 - .0949	5/16	20	2450025
	.0950 - .1300	5/16	20	2450028
	.0100 - .0199	3/8	20	2450017
	.0200 - .0409	3/8	20	2450020
	.0410 - .0639	3/8	20	2450023
	.0640 - .0949	3/8	20	2450026
	.0950 - .1300	3/8	20	2450029
1 1/4	.0100 - .0199	5/16	24	2450031
	.0200 - .0459	5/16	24	2450034
	.0460 - .0639	5/16	24	2450037
	.0640 - .0949	5/16	24	2450040
	.0950 - .1300	5/16	24	2450043
	.0100 - .0199	3/8	24	2450030
	.0200 - .0459	3/8	24	2450033
	.0460 - .0639	3/8	24	2450036
	.0640 - .0949	3/8	24	2450039
	.0950 - .1300	3/8	24	2450042
	.0100 - .0199	1/2	24	2450032
	.0200 - .0459	1/2	24	2450035
	.0460 - .0639	1/2	24	2450038

EDP offering continued on next page.

2450

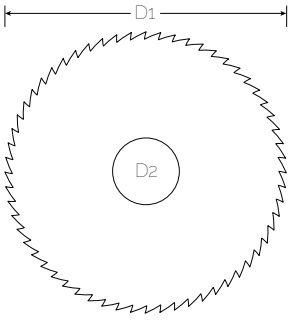


D1	SIZE RANGE	D2	TEETH	EDP Number UC
1 1/4	.0640 - .0949	1/2	24	2450041
	.0950 - .1300	1/2	24	2450044
1 1/2	.0100 - .0199	1/2	36	2450045
	.0200 - .0459	1/2	36	2450046
	.0460 - .0639	1/2	36	2450047
	.0640 - .0949	1/2	36	2450048
	.0950 - .1300	1/2	36	2450049
1 3/4	.0100 - .0199	1/2	38	2450050
	.0200 - .0459	1/2	38	2450051
	.0460 - .0639	1/2	38	2450052
	.0640 - .0949	1/2	38	2450053
	.0950 - .1300	1/2	38	2450054
2	.0100 - .0199	1/2	40	2450055
	.0200 - .0459	1/2	40	2450057
	.0460 - .0639	1/2	40	2450059
	.0640 - .0949	1/2	40	2450061
	.0950 - .1300	1/2	40	2450063
	.0100 - .0199	1	40	2450056
	.0200 - .0459	1	40	2450058
	.0460 - .0639	1	40	2450060
	.0640 - .0949	1	40	2450062
	.0950 - .1300	1	40	2450064
2 1/4	.0100 - .0199	5/8	44	2450065
	.0200 - .0459	5/8	44	2450067
	.0460 - .0639	5/8	44	2450069
	.0640 - .0949	5/8	44	2450071
	.0950 - .1300	5/8	44	2450073
	.0100 - .0199	1	44	2450066
	.0200 - .0459	1	44	2450068
	.0460 - .0639	1	44	2450070
	.0640 - .0949	1	44	2450072
	.0950 - .1300	1	44	2450074

LIVE CHAT

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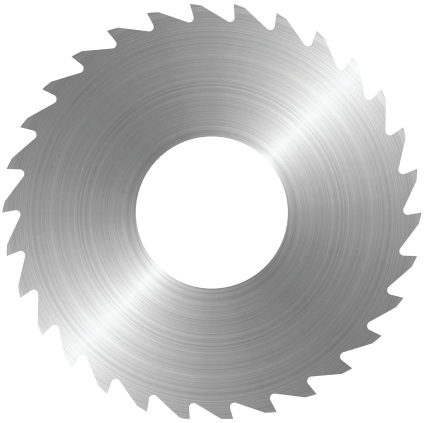
FERROUS SAW

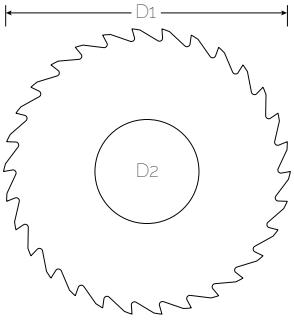


D1	SIZE RANGE	D2	TEETH	EDP Number
				UC
2 1/2	.0100 - .0199	1	48	2450075
	.0200 - .0459	1	48	2450076
	.0460 - .0639	1	48	2450077
	.0640 - .0949	1	48	2450078
	.0950 - .1300	1	48	2450079
2 3/4	.0100 - .0199	1	60	2450080
	.0200 - .0459	1	60	2450081
	.0460 - .0649	1	60	2450082
	.0650 - .0949	1	60	2450083
	.0950 - .1300	1	60	2450084
3	.0100 - .0199	1	72	2450085
	.0200 - .0459	1	72	2450086
	.0460 - .0649	1	72	2450087
	.0650 - .0949	1	72	2450088
	.0950 - .1259	1	72	2450089
	.1260 - .1889	1	72	2450090
	.1890 - .2500	1	72	2450091
3 1/2	.0200 - .0399	1	76	2450092
	.0400 - .0649	1	76	2450093
	.0650 - .0949	1	76	2450094
	.0950 - .1300	1	76	2450095
4	.0200 - .0399	1	80	2450096
	.0400 - .0639	1	80	2450097
	.0640 - .0949	1	80	2450098
	.0950 - .1259	1	80	2450099
	.1260 - .1889	1	80	2450100
	.1890 - .2500	1	80	2450101
5	.0450 - .0639	1	100	2450102
	.0640 - .0949	1	100	2450103
	.0950 - .1300	1	100	2450104
6	.0450 - .0639	1	120	2450105
	.0640 - .0949	1	120	2450106
	.0950 - .1300	1	120	2450107

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AD 2020 PROMO ITEM





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THE 2455 JIT SAW EXCELS IN ALUMINUM, MAGNESIUM, BRASS, COPPER, COMPOSITES, PLASTICS, AND WOOD. The 2455 JIT Saw offers 24-hour and 48-hour just-in-time delivery of saws sized to exact size requirements. It comes in various arbor diameters in relation to their outer cutting diameter. The 2455 JIT Saw is stocked uncoated.

FOR SIZE RANGES: .25 - 3”
1-12 pieces, **24-Hours**
13-25 pieces, **48-Hours**
26-49 pieces, **5 Working Days**
50+ pieces, Contact Fullerton Tool

FOR SIZE RANGES: > 3”
1-6 pieces, **24-Hours**
7-12 pieces, **48-Hours**
13-25 pieces, **5 Working Days**
26-49 pieces, **10 Working Days**
50+ pieces, Contact Fullerton Tool

TOLERANCE:		
CUTTING DIAMETER: D1	+.005”	-.000”
HOLE DIAMETER: D2	+.0005”	+.0001”
THICKNESS:	+.00025”	-.00025”

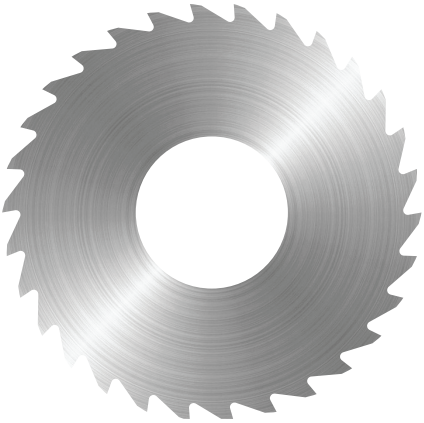
1/4 - 6” Outside Diameters (OD) Available
1/8 - 1” Inside Diameter Available Depending on OD Size
.0060 - .2500” Thickness Available Depending on OD Size
.0005” Concavity per Inch of Diameter for Clearance

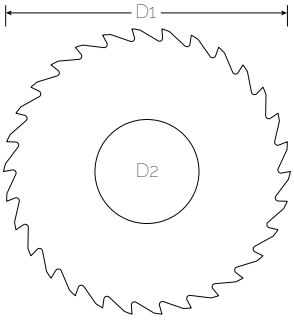
D1	D2	SIZE RANGE	TEETH	Part Number
.7500	.2500	.0060 - .0149	10	SWD75-D25-10-xxxx
		.0150 - .0409	10	
		.0410 - .0639	10	
		.0640 - .0949	10	
		.0950 - .1300	10	
1.0000	.2500	.0100 - .0199	12	SW100-D25-12-xxxx
		.0200 - .0409	12	
		.0410 - .0639	12	
		.0640 - .0949	12	
		.0950 - .1300	12	
1.0000	.3125	.0100 - .0199	12	SW100-D31-12-xxxx
		.0200 - .0409	12	
		.0410 - .0639	12	
		.0640 - .0949	12	
		.0950 - .1300	12	
1.0000	.3750	.0100 - .0199	12	SW100-D37-12-xxxx
		.0200 - .0409	12	
		.0410 - .0639	12	
		.0640 - .0949	12	
		.0950 - .1300	12	
1.2500	.5000	.0100 - .0199	16	SW125-D50-16-xxxx
		.0200 - .0459	16	
		.0460 - .0639	16	
		.0640 - .0949	16	
		.0950 - .1300	16	
1.5000	.5000	.0100 - .0199	16	SW150-D50-16-xxxx
		.0200 - .0459	16	
		.0460 - .0639	16	
		.0640 - .0949	16	
		.0950 - .1300	16	
1.7500	.5000	.0100 - .0199	24	SW175-D50-24-xxxx
		.0200 - .0459	24	
		.0460 - .0639	24	
		.0640 - .0949	24	
		.0950 - .1300	24	
1.7500	.6250	.0100 - .0199	24	SW175-D62-24-xxxx
		.0200 - .0459	24	
		.0460 - .0639	24	
		.0640 - .0949	24	
		.0950 - .1300	24	
1.7500	.8750	.0100 - .0199	24	SW175-D87-24-xxxx
		.0200 - .0459	24	
		.0460 - .0639	24	

EDP offering continued on next page.

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THE 2455 JIT SAW EXCELS IN ALUMINUM, MAGNESIUM, BRASS, COPPER, COMPOSITES, PLASTICS, AND WOOD. The 2455 JIT Saw offers 24-hour and 48-hour just-in-time delivery of saws sized to exact size requirements. It comes in various arbor diameters in relation to their outer cutting diameter. The 2455 JIT Saw is stocked uncoated.

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TOLERANCE:		
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HOLE DIAMETER: D2	+.0005”	+.0001”
THICKNESS:	+.00025”	-.00025”

1/4 - 6” Outside Diameters (OD) Available
1/8 - 1” Inside Diameter Available Depending on OD Size
.0060 - .2500” Thickness Available Depending on OD Size
.0005” Concavity per Inch of Diameter for Clearance

NON-FERROUS SAW

D1	D2	SIZE RANGE	TEETH	Part Number
1.7500	.8750	.0640 - .0949	24	SW175-D87-24-xxxx
		.0950 - .1300	24	
2.0000	.5000	.0100 - .0199	24	SW200-D50-24-xxxx
		.0200 - .0459	24	
		.0460 - .0639	24	
		.0640 - .0949	24	
		.0950 - .1300	24	
2.0000	1.0000	.0100 - .0199	24	SW200-100-24-xxxx
		.0200 - .0459	24	
		.0460 - .0639	24	
		.0640 - .0949	24	
		.0950 - .1300	24	
2.2500	.6250	.0100 - .0199	28	SW225-D62-28-xxxx
		.0200 - .0459	28	
		.0460 - .0639	28	
		.0640 - .0949	28	
		.0950 - .1300	28	
2.2500	1.0000	.0100 - .0199	28	SW225-100-28-xxxx
		.0200 - .0459	28	
		.0460 - .0639	28	
		.0640 - .0949	28	
		.0950 - .1300	28	
2.5000	1.0000	.0100 - .0199	28	SW250-100-28-xxxx
		.0200 - .0459	28	
		.0460 - .0639	28	
		.0640 - .0949	28	
		.0950 - .1300	28	
2.7500	1.0000	.0100 - .0199	30	SW275-100-30-xxxx
		.0200 - .0459	30	
		.0460 - .0639	30	
		.0640 - .0949	30	
		.0950 - .1300	30	
3.0000	1.0000	.0100 - .0199	30	SW300-100-30-xxxx
		.0200 - .0459	30	
		.0460 - .0639	30	
		.0640 - .0949	30	
		.0950 - .1300	30	
4.0000	1.0000	.0200 - .0399	36	SW400-100-36-xxxx
		.0400 - .0639	36	
		.0640 - .0949	36	
		.0950 - .1300	36	

Fullerton's Advanced Solutions Team Our Fullerton Advanced Solutions Team (F.A.S.T.) is the foundation of our commitment to continuously improve, innovate, and provide product diversity. This includes helping our customers reduce cycle times, minimize cost per piece, combine multiple operations in a single tool, and provide a complete turnkey tooling process.

Our fully equipped Research & Development Lab along with our advanced engineers and application specialists enable our F.A.S.T. team to support our customers in maximizing benefits of using Fullerton tooling solutions, in obtaining manufacturer's goals of optimal process parameters, as well as becoming lean, efficient, and profitable manufacturers.

F.A.S.T. defines what we do for our customers and ensures we deliver on that promise every time.

FAST

FULLERTON ADVANCED SOLUTIONS TEAM

R & D / ENGINEERING SUPPORT

PROCESS & TOOLING DEVELOPMENT UTILIZING THE FULLERTON R & D LAB.

In-house support for machinability and tooling optimization.

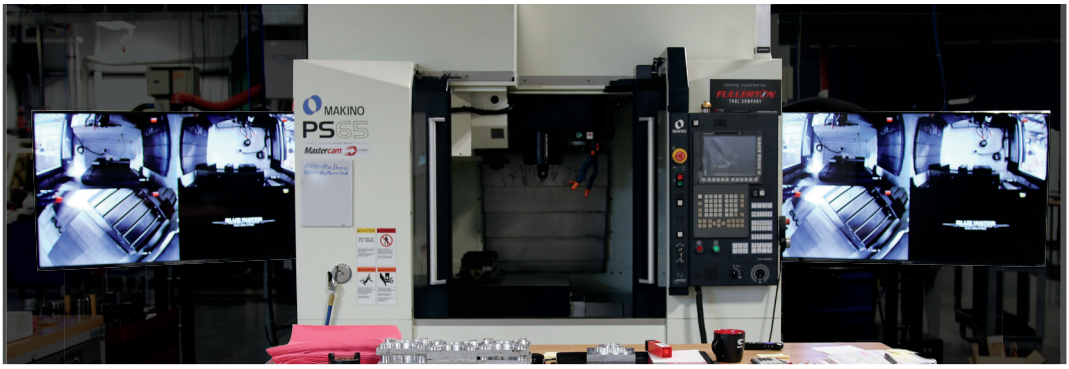
Fully Six Sigma Staff

Programming support with Master Cam to identify and evaluate processing techniques for specified materials.

Provide targeted and optimized parameters utilizing customer supplied materials.

Assist in maximizing tool efficiency, as well as reducing cycle times and overall tool costs.

State of the Market Inspection Technology



Our R&D Lab Allows Fullerton to:

- Develop New Tooling Solutions
- Improve Manufacturing Processes for Customers
- Solve Customer Manufacturing Problems
- Test Parts for Customers
- Define Tooling Geometries
- Create Video Content for Application Training

Contact Fullerton To:

- Test a Fullerton Carbide Tooling Solution
- Design & Engineer a Turnkey Tooling Process
- Combine Multiple Operations into a Single Tool
- Reduce Cycle Times
- Minimize Cost Per Piece
- Improve Manufacturing Processes

CUSTOM TOOLING SOLUTIONS

Complex machining often requires custom tooling. We provide custom tooling solutions that increase efficiency and reduce costs, specific to your complex machining applications.

Fullerton can assess your machining needs through a collaboration with your machinists and product development teams and our engineering and technical support teams. This allows us to better understand your struggles and overall goals, which helps us design and manufacture the right tooling for you. Sometimes that means making a slight alteration to one of our standard tools, while at other times we create innovative, custom tooling specific for your application. Regardless of how simple or complex your machining needs are, we manufacture every tool with precision and concise parameters that produces tooling with exceptional performance.

COMPOSITE ROUTER



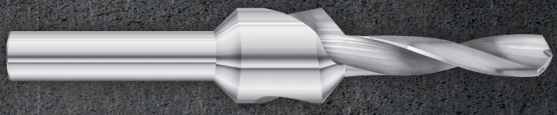
MULTI-STEP COOLANT DRILL



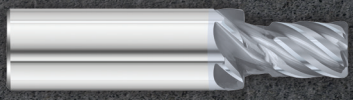
MULTI-STEP POLY DRILL



AEROSPACE DRILL



6-FLUTE STEP FORM END MILL



FULL RADIUS KEYSEAT CUTTER



BACK CHAMFER TOOL



MULTI-STEP COOLANT REAMER



FULLERTON

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