BORIDE
Engineered Abrasives









EDM Polishing Stones

General Purpose Stones

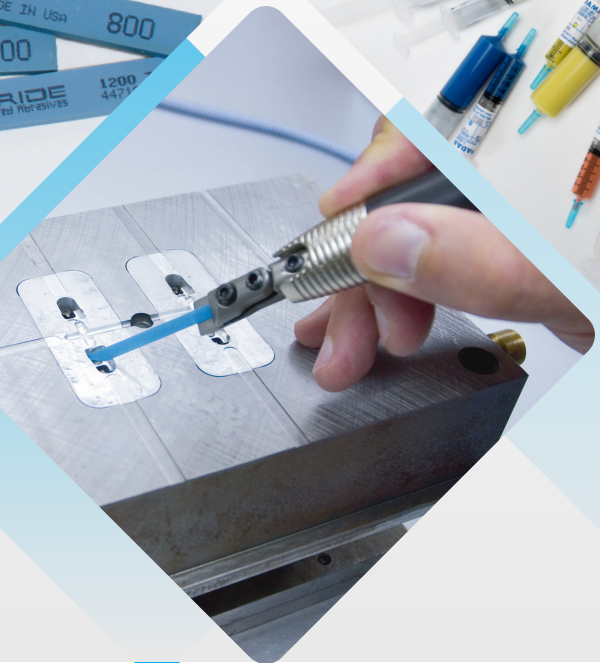
Detail Stones

Industrial Abrasives











COMMITTED TO PROVIDING
THE HIGHEST QUALITY
ABRASIVE PRODUCTS.

BORIDE
Engineered Abrasives

OUR COMMITMENT TO OUR CUSTOMERS IS SET IN STONE.

About Us

For nearly forty years BORIDE Engineered Abrasives has developed and manufactured abrasive products for industrial and consumer applications. Through our global network of suppliers and industry experts we distribute products that our customers need to improve their quality and productivity.

Our entire organization serves our worldwide customers and distributors with:

- **Consistent, high-quality products**
- **On-time, error-free shipments**
- **Prompt, accurate information and answers**

Both our Quality Policy and Core Values steer the company's operation.

Our dedication, skill and attitude is obvious. Every day our employees are working hard on improving our organization and all of our employees play a vital role in doing it better. It all starts with you; our customers, distributors and suppliers. Tell us what you need and we will do our best to accommodate your request.

Quality Policy

Our customers define product and service quality requirements. We listen to our customers, strive to understand their needs and meet their expectations with:

- **Quality products consisting of bonded abrasive articles and related products for metal and ceramic finishing and grinding applications**
- **Extraordinary customer service**
- **Competitive pricing**
- **Technological leadership**

We will encourage and support our employees to actively participate in the success of our business by:

- **Providing a safe workplace**
- **Providing an environment of trust and respect**
- **Communicating thoroughly about our business**
- **Providing training to increase knowledge and skill**

We will document, plan, control, monitor and audit our processes as a foundation for continuous improvement. We will measure our performance based on quality, safety, service, and manufacturing effectiveness and efficiency.

BORIDE Engineered Abrasives



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	57	Diprofil® Di-Profiler & Set The preferred choice for tool and mold makers worldwide
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Radial Discs	89-90	Dedeco® SUNBURST® Radial Discs Best for finishing and polishing hard-to-access areas

Mold Polishing Stone Usage Key:

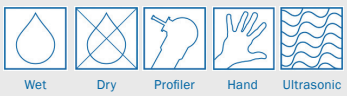


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	132	Solid Carbide Bur Sets
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	139-141	American Pattern Files Uniform in cut to permit removal of more metal faster
	142	File Holders and Cards

Mold Polishing Stone Usage Key:

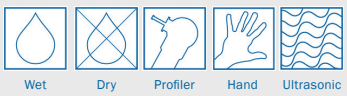


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Accessories

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144 Rib Light, Rib Light Reach, and Batteries High intensity LED lights for hard to see areas, ribs and slots

144 Plastigauge

145 Work Finisher Tool Ceramic blade ideal for deburring and deflashing

146 Dressing Sticks Aluminum oxide sticks used to clean and dress wheels

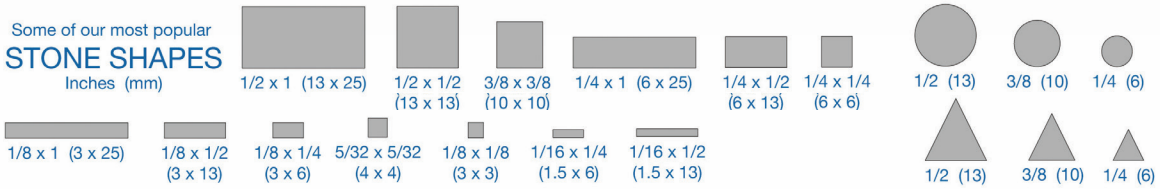
146 Boron Carbide Dressing Stick B4C Extremely wear resistant

BORIDE POLISHING STONE APPLICATIONS

Type of Stone		SURFACE	Tool Steel	Aluminum	Non-Ferrous	Stainless Steel	EDM	METHOD	Hand	Profiler	Ultrasonic	USE	Wet	Dry	BREAKDOWN	0 = Slow	5 = Fast	HARDNESS	0 = Soft	5 = Hard
EDM Polishing Stones	**AM-8**		•				▲		•	•	•		•			2			4	
	AS-9		•				▲		•	•			•	•		3			3	
	AS-9 PLUS		▲				▲		•	•			•	•		3			3	
	Orange EDM		•				•		•	•			•	•		3			3	
	Golden Star		▲				▲		•	•			•			4			3	
General Purpose Stones	**AM-2**		▲	•	▲	•			•	•			•	•		4			2	
	Die Stone		•			•			•	•			•	•		3			3	
	AM-K		•	•					•	•			•	•		3			3	
	AS-H		•	•	•	•			•	•			•	•		4			2	
	CS		•		•				•				•	•		5			2	
	CS-M		•	•	▲				•	•			•	•		4			2	
	CS-HD		•			•	•		•	•			•	•		3			3	
Specialty Stones	**RASP**		•	•	•	•	▲		•	•			•	•		4			2	
	PC		•	•	•	•			•	•			•			4			3	
	T2		•			▲	•		•	•			•			2			4	
	T4		•	▲	•	•			•	•			•			4			3	
	TH		▲				•		•	•			•			3			3	
	AO		•				•		•	•			•			3			3	
	900-F		•						•				•			5			0	
	Ruby Dark		•						•	•			•	•		2			4	
Detail Stones	**Ceramics**		Detail Areas, Ribs & Slots										•	•						
	CNB - 80 & 120		Aggressive - Fast Cutting/Welds-Blending EDM										•							
	CRISTONE®		Extremely Strong and Thin - Fine Detail Polishing										•	•						

▲ Indicates most popular stone for the application

Some of our most popular STONE SHAPES
Inches (mm)



AM-8

The AM-8 is designed for removing EDM scale on all types of mold and die steel. Additionally, it is an excellent tool for polishing sharp corners and small details either by hand or with the use of polishing machines.



Hand Profiler Ultrasonic Wet MADE IN USA

AM-8		100	120	150	180	220	320	400	600	800	1000	1200
1/16	1/16 x 1/4 x 6	020010	020120	020230	020340	020450	020670	020780	021000	078500	078520	078540
	1/16 x 1/2 x 6	020020	020130	020240	020350	020460	020680	020790	021010	078501	078521	078541
1/8	1/8 x 1/8 x 6	020030	020140	020250	020360	020470	020690	020800	021020	078502	078522	078542
	1/8 x 1/4 x 6	020040	020150	020260	020370	020480	020700	020810	021030	078503	078523	078543
	1/8 x 1/2 x 6	020050	020160	020270	020380	020490	020710	020820	021040	078504	078524	078544
	1/8 x 1 x 6	020060	020170	020280	020390	020500	020720	020830	021050	078505	078525	078545
5/32	5/32 x 5/32 x 6	020070	020180	020290	020400	020510	020730	020840	021060	078506	078526	078546
1/4	1/4 x 1/4 x 6	020090	020200	020310	020420	020530	020750	020860	021080	078507	078527	078547
	1/4 x 1/2 x 6	020100	020210	020320	020430	020540	020760	020870	021090	078508	078528	078548
	1/4 x 1 x 6	020110	020220	020330	020440	020550	020770	020880	021100	078509	078529	078549
3/8	3/8 x 3/8 x 6	020112	020222	020332	020442	020552	020772	020885	021102	078510	078530	078550
SHAPES	1/4 x Round x 5.5	020114	020227	020334	020447	020557	020777	020887	021107	078511	078531	078551
	3/8 x Round x 5.5	020116	020228	020336	020448	020558	020778	020889	021108	078512	078532	078552
	1/4 x Triangle x 6	020118	020224	020338	020444	020554	020774	020900	021104	078513	078533	078553
	3/8 x Triangle x 6	020119	020225	020339	020445	020555	020775	020902	021105	078514	078534	078554

3 pcs/box	6 pcs/box	12 pcs/box

AS-9

Similar to the AM-8, the AS-9 is engineered for hand stoning EDM scale surfaces. The special formulation provides a fast, smooth cutting action during hand stoning.



Hand | Profiler | Wet | Dry | MADE IN USA

AS-9		100	120	150	180	220	320	400	600	800	1000	1200
1/16	1/16 x 1/4 x 6	021150	021260	021370	021480	021590	021810	021920	022140	032005	032055	032105
	1/16 x 1/2 x 6	021160	021270	021380	021490	021600	021820	021930	022150	032010	032060	032110
1/8	1/8 x 1/8 x 6	021170	021280	021390	021500	021610	021830	021940	022160	032015	032065	032115
	1/8 x 1/4 x 6	021180	021290	021400	021510	021620	021840	021950	022170	032020	032070	032120
	1/8 x 1/2 x 6	021190	021300	021410	021520	021630	021850	021960	022180	032025	032075	032125
	1/8 x 1 x 6	021200	021310	021420	021530	021640	021860	021970	022190	032030	032080	032130
5/32	5/32 x 5/32 x 6	021210	021320	021430	021540	021650	021870	021980	022200	032035	032085	032135
1/4	1/4 x 1/4 x 6	021230	021340	021450	021560	021670	021890	022000	022220	032040	032090	032140
	1/4 x 1/2 x 6	021240	021350	021460	021570	021680	021900	022010	022230	032045	032095	032145
	1/4 x 1 x 6	021250	021360	021470	021580	021690	021910	022020	022240	032050	032100	032150
3/8	3/8 x 3/8 x 6	021277	021377	021577	021677	021777	021977	022077	022177	022277	022377	032146
1/2	1/2 x 1 x 6	021253	021363	021473	021583	021693	021913	022023	022243	022250	022255	022260

3 pcs/box	6 pcs/box	12 pcs/box

AS-9 PLUS

An enhanced version of our popular AS-9 stone. The AS-9 PLUS is engineered to produce the same fast, smooth cutting action our customers have come to expect from the AS-9, but with superior finishing capabilities. Manufactured using premium aluminum oxide grain, the AS-9 PLUS produces wider scratches on the mold surface which results in an overall smoother and more brilliant finish.



Hand Profiler Wet Dry MADE IN USA

AS-9 PLUS		320	400	600	800
1/8	1/8 x 1/4 x 6	023059	023061	023062	023071
	1/8 x 1/2 x 6	023063	023064	023065	023072
1/4	1/4 x 1/2 x 6	023066	023067	023068	023069
	1/4 x 1 x 6	023074	023075	023076	023077
1/2	1/2 x 1 x 6	023081	023082	023083	023084

3 pcs/box	6 pcs/box	12 pcs/box

Orange EDM

Designed as an excellent tool for fast EDM scale removal, the Orange EDM holds its shape and provides consistent cutting.



Hand | Profiler | Wet | Dry | MADE IN USA

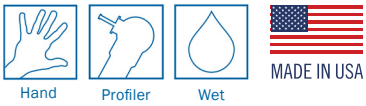
Orange EDM		120	180	220	320	400	600
1/16	1/16 x 1/4 x 6	082005	082080	082203	082307	082405	082604
	1/16 x 1/2 x 6	082011	082085	082215	082311	082412	082606
1/8	1/8 x 1/8 x 6	082015	082101	082219	082319	082417	082615
	1/8 x 1/4 x 6	082019	082115	082225	082322	082419	082619
	1/8 x 1/2 x 6	082021	082120	082230	082325	082421	082623
	1/8 x 1 x 6	082023	082126	082232	082330	082425	082627
5/32	5/32 x 5/32 x 6	082029	082129	082236	082335	082430	082633
1/4	1/4 x 1/4 x 6	082035	082137	082239	082340	082439	082637
	1/4 x 1/2 x 6	082042	082142	082242	082342	082442	082642
	1/4 x 1 x 6	082045	082149	082252	082346	082455	082659
3/8	3/8 x 3/8 x 6	082055	082144	082254	082355	082457	082661
SHAPES	1/4 x Round x 5.5	082083	082145	082283	082367	082471	082695
	1/4 x Triangle x 6	082066	082150	082270	082362	082465	082700
	3/8 x Triangle x 6	082070	082155	082275	082365	082467	082705

3 pcs/box	6 pcs/box	12 pcs/box

Golden Star

Made from select premium aluminum oxide grain and a proprietary treatment process, the Golden Star is of medium hardness with a fast breakdown offering quick material removal while contouring quickly and leaving a silky smooth finish. The Golden Star works on all tool steels and performs exceptionally on EDM surfaces, milling and machining marks. This stone does not require a lengthy pre-lubrication process and is terrific when used during hand stoning as well as with profilers.





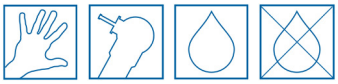
Golden Star		150	180	220	320	400	600	800	1000
	1/8 x 1/8 x 6	088100	088101	088102	088103	088104	088105	088106	088107
1/8	1/8 x 1/4 x 6	088120	0881 21	088122	088123	088124	088125	088126	088127
	1/8 x 1/2 x 6	088130	088131	088132	088133	088134	088135	088136	088137
5/32	5/32 x 5/32 x 6	088111	088112	088113	088114	088115	088116	088117	088118
	1/4 X 1/4 X 6	088140	088141	088142	088143	088144	088145	088146	088147
1/4	1/4 X 1/2 X 6	088150	088151	088152	088153	088154	088155	088156	088157
	1/4 X 1 X 6	088180	088181	088182	088183	088184	088185	088186	088187
3/8	3/8 X 3/8 X 6	088190	088191	088192	088193	088194	088195	088196	088197

3 pcs/box	6 pcs/box	12 pcs/box

AM-2

The AM-2 is an excellent all around finishing stone engineered for hand polishing all types of mold and die steels, including SAE 1030 pre-heat treated P-20, H-13, S-7 and T-420. Soft action combined with perfect breakdown also permits pre-finishing on non-ferrous metals such as aluminum, beryllium, kirksite and high chrome/nickel stainless steel.





AM-2		100	150	180	220	280	320	400	600	900	1200
1/16	1/16 x 1/4 x 6	023210	023340	023465	023600	023730	023860	023990	024250	024510	077870
	1/16 x 1/2 x 6	023220	023350	023470	023610	023735	023870	024000	024260	024520	077871
1/8	1/8 x 1/8 x 6	023230	023360	023490	023620	023740	023880	024010	024270	024530	077872
	1/8 x 1/4 x 6	023240	023370	023500	023630	023760	023890	024020	024280	024540	077873
	1/8 x 1/2 x 6	023250	023380	023510	023640	023770	023900	024030	024290	024550	077874
	1/8 x 1 x 6	023260	023390	023520	023650	023780	023910	024040	024300	024560	077875
5/32	5/32 x 5/32 x 6	023270	023400	023530	023660	023785	023920	024050	024310	024570	077876
1/4	1/4 x 1/4 x 6	023290	023420	023550	023680	023810	023940	024070	024330	024590	077877
	1/4 x 1/2 x 6	023300	023430	023560	023690	023820	023950	024080	024340	024600	077878
	1/4 x 1 x 6	023310	023440	023570	023700	023830	023960	024090	024350	024610	077879
3/8	3/8 x 3/8 x 6	023315	023445	023575	023705	023835	023965	024095	024355	024615	077880
1/2	1/2 x 1/2 x 6	023320	023450	023580	023710	023840	023970	024100	024360	024620	077881
	1/2 x 1 x 6	023330	023460	023590	023720	023850	023980	024110	024370	024630	077882
1	1 x 1 x 6	023331	023461	023591	023721	023851	023981	024111	024371	024635	077883
SHAPES	1/4 x Round x 5.5	023336	023466	023593	023726	023852	023986	024116	024376	024636	077884
	3/8 x Round x 5.5	023337	023467	023594	023727	023853	023987	024117	024377	024645	077885
	1/2 x Round x 5.5	023338	023468	023595	023728	023854	023988	024118	024378	024650	077886
	1/4 x Triangle x 6	023333	023463	023596	023723	023855	023983	024113	024379	024655	077887
	3/8 x Triangle x 6	023334	023464	023597	023724	023856	023984	024114	024375	024660	077888

3 pcs/box	6 pcs/box	12 pcs/box

Die Stone

The Die Stone is engineered for use on all tool steels. It provides consistent breakdown and fast cutting action. It is slightly harder than the AM-2.



Hand Profiler Wet Dry MADE IN USA

Die Stone		150	180	220	320	400	600
1/16	1/16 x 1/4 x 6	081017	081070	081203	081323	081405	081611
	1/16 x 1/2 x 6	081012	081075	081210	081324	081409	081620
1/8	1/8 x 1/8 x 6	081015	081112	081215	081329	081412	081625
	1/8 x 1/4 x 6	081019	081117	081223	081333	081419	081629
	1/8 x 1/2 x 6	081022	081123	081225	081335	081421	081631
	1/8 x 1 x 6	081025	081128	081231	081336	081422	081633
5/32	5/32 x 5/32 x 6	081030	081135	081235	081339	081425	081639
1/4	1/4 x 1/4 x 6	081037	081139	081236	081340	081436	081640
	1/4 x 1/2 x 6	081042	081142	081242	081342	081442	081642
	1/4 x 1 x 6	081045	081149	081273	081349	081449	081646
3/8	3/8 x 3/8 x 6	081048	081150	081278	081353	081452	081655
1/2	1/2 x 1/2 x 6	081053	081154	081283	081354	081455	081662
	1/2 x 1 x 6	081057	081157	081286	081355	081460	081664
1	1 x 1 x 6	081062	081163	081289	081359	081465	081669
SHAPES	1/4 x Round x 5.5	081073	081165	081295	081367	081488	081670
	3/8 x Round x 5.5	081078	081167	081297	081371	081489	081675
	1/2 x Round x 5.5	081099	081169	081299	081374	081495	081680
	1/4 x Triangle x 6	081065	081170	081290	081361	081469	081685
	3/8 x Triangle x 6	081069	081175	081291	081364	081470	081690

3 pcs/box	6 pcs/box	12 pcs/box

AM-K

The AM-K is a white aluminum oxide stone of medium hardness that performs well on all types of mold steel. Generally, it is used dry for rough forming and removal of machine marks. Lubricants are used for finer grits. Some polishers use the 400 and 600 grits for finishing plastic molds and blow molds.



Hand Profiler Wet Dry MADE IN USA

AM-K		100	150	180	220	320	400	600
1/16	1/16 x 1/4 x 6	025980	026120	026260	026400	026680	026820	027100
	1/16 x 1/2 x 6	025990	026130	026270	026410	026690	026830	027110
1/8	1/8 x 1/8 x 6	025995	026140	026280	026420	026700	026840	027120
	1/8 x 1/4 x 6	026010	026150	026290	026430	026710	026850	027130
	1/8 x 1/2 x 6	026020	026160	026300	026440	026720	026860	027140
	1/8 x 1 x 6	026030	026170	026310	026450	026730	026870	027150
5/32	5/32 x 5/32 x 6	026040	026180	026320	026460	026740	026880	027160
1/4	1/4 x 1/4 x 6	026060	026200	026340	026480	026760	026900	027180
	1/4 x 1/2 x 6	026070	026210	026350	026490	026770	026910	027190
	1/4 x 1 x 6	026080	026220	026360	026500	026780	026920	027200
3/8	3/8 x 3/8 x 6	026085	026225	026365	026505	026785	026925	027205
1/2	1/2 x 1/2 x 6	026090	026230	026370	026510	026790	026930	027210
	1/2 x 1 x 6	026100	026240	026380	026520	026800	026940	027220
1	1 x 1 x 6	026110	026250	026390	026530	026810	026950	027230

3 pcs/box	6 pcs/box	12 pcs/box

AS-H

The AS-H is similar to the AM-K but slightly softer. It conforms quickly to varied pre-shaped surfaces. AS-H stones are more suitable for hand stoning.



Hand Profiler Wet Dry MADE IN USA

AS-H		100	150	180	220	320	400	600	800	1000	1200
1/8	1/8 x 1/4 x 6	027310	027450	027590	027730	028010	028150	028430	077300	077310	077320
	1/8 x 1/2 x 6	027320	027460	027600	027740	028020	028160	028440	077301	077311	077321
1/4	1/4 x 1/4 x 6	027360	027500	027640	027780	028060	028200	028480	077302	077312	077322
	1/4 x 1/2 x 6	027370	027510	027650	027790	028070	028210	028490	077303	077313	077323

3 pcs/box	6 pcs/box	12 pcs/box

CS

The CS is a fast cutting, black silicon carbide stone. It is a soft stone designed to conform rapidly to a variety of details and is mostly used for hand polishing. It breaks down rapidly. CS stones are used on all tool steels, as well as for roughing out some non-ferrous materials.



Hand Wet Dry MADE IN USA

CS		150	180	220	320	400	600	800	1000	1200
1/8	1/8 x 1/4 x 6	024850	024990	025130	025410	025550	025830	077600	077700	077800
	1/8 x 1/2 x 6	024860	025000	025140	025420	025560	025840	077610	077710	077810
1/4	1/4 x 1/4 x 6	024900	025040	025180	025460	025600	025880	077620	077720	077820
	1/4 x 1/2 x 6	024910	025050	025190	025470	025610	025890	077630	077730	077830
	1/4 x 1 x 6	024920	025060	025200	025480	025620	025900	077640	077740	077840
3/8	3/8 x 3/8 x 6	024915	025055	025192	025475	025615	025895	077625	077735	077835
1/2	1/2 x 1/2 x 6	024930	025070	025210	025490	025630	025910	077650	077750	077850
	1/2 x 1 x 6	024940	025080	025220	025500	025640	025920	077660	077760	077860

3 pcs/box	6 pcs/box	12 pcs/box

CS-M

This premium green silicon carbide abrasive polishing stone has superb cutting abilities. A special bond makes the CS-M non-loading with a medium soft hardness for excellent polishing.



Hand Profiler Wet Dry MADE IN USA

CS-M		120	150	220	320	400	600	800	1000	1200
1/16	1/16 x 1/2 x 6	035110	035205	035305	035505	035605	035805	078300	078320	078335
1/8	1/8 x 1/4 x 6	035113	035213	035313	035513	035613	035813	078301	078321	078336
	1/8 x 1/2 x 6	035117	035217	035317	035517	035617	035817	078302	078322	078337
5/32	5/32 x 5/32 x 6	035120	035220	035320	035525	035625	035825	078303	078323	078338
1/4	1/4 x 1/4 x 6	035129	035229	035329	035529	035629	035829	078304	078324	078339
	1/4 x 1/2 x 6	035133	035233	035333	035533	035633	035833	078305	078325	078340
	1/4 x 1 x 6	035137	035237	035337	035537	035637	035837	078306	078326	078341
3/8	3/8 x 3/8 x 6	035140	035241	035341	035541	035641	035841	078307	078327	078342
1/2	1/2 x 1/2 x 6	035145	035245	035345	035545	035645	035845	078308	078328	078343
	1/2 x 1 x 6	035149	035249	035349	035549	035649	035849	078309	078329	078344
1	1 x 1 x 6	035150	035253	035353	035553	035653	035853	078310	078330	078345
SHAPES	1/4 x Round x 5.5	035155	035255	035373	035573	035673	035873	078311	078331	078346

3 pcs/box	6 pcs/box	12 pcs/box

CS-HD

Compared to the CS or CS-M, the CS-HD is harder acting and slower to break down. It can be used to polish even the hardest die and mold steels. Polishers claim excellent results when finishing dies ranging in hardness from 47 to 63Rc. Some mold makers also use the CS-HD for removal of EDM.



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CS-HD		120	150	220	320	400	600	800	1000	1200
1/16	1/16 x 1/2 x 6	036110	036205	036305	036505	036605	036805	078400	078420	078440
1/8	1/8 x 1/4 x 6	036113	036213	036313	036513	036613	036813	078401	078421	078441
	1/8 x 1/2 x 6	036117	036217	036317	036517	036617	036817	078402	078422	078442
	1/8 x 1 x 6	036146	036221	036321	036521	036621	036821	078404	078424	078443
5/32	5/32 x 5/32 x 6	036118	036225	036325	036525	036625	036825	078403	078423	078444
1/4	1/4 x 1/4 x 6	036129	036229	036329	036529	036629	036829	078405	078425	078445
	1/4 x 1/2 x 6	036133	036233	036333	036533	036633	036833	078406	078426	078446
	1/4 x 1 x 6	036141	036237	036337	036537	036637	036835	078407	078427	078447
3/8	3/8 x 3/8 x 6	036143	036240	036341	036541	036641	036840	078408	078428	078448
1/2	1/2 x 1/2 x 6	036145	036245	036345	036545	036645	036845	078409	078429	078449
	1/2 x 1 x 6	036147	036249	036349	036549	036649	036850	078410	078430	078450
1	1 x 1 x 6	036150	036253	036353	036553	036653	036853	078411	078431	078451

3 pcs/box	6 pcs/box	12 pcs/box

RASP

Made from select premium aluminum oxide grain, the RASP is our most versatile all-around finishing stone. It has an outstanding cut and finish on most tool steel, aluminum and even EDM surfaces. It is an excellent stone for flat lapping and contours quickly with a moderate breakdown.



Hand Profiler Wet Dry MADE IN USA

RASP		80	100	150	220	320	400	600	900	1200
1/8	1/8 x 1/4 x 6	056100	056120	056230	056320	056410	056500	056590	056700	077900
	1/8 x 1/2 x 6	056101	056121	056240	056330	056420	056510	056595	056710	077901
5/32	5/32 x 5/32 x 6	056102	056122	056250	056340	056430	056520	056610	056720	077902
1/4	1/4 x 1/4 x 6	056103	056123	056260	056350	056440	056530	056620	056730	077903
	1/4 x 1/2 x 6	056104	056124	056270	056360	056450	056540	056630	056740	077904
	1/4 x 1 x 6	056105	056125	056280	056370	056460	056550	056640	056750	077905
1/2	1/2 x 1/2 x 6	056106	056126	056290	056380	056470	056560	056650	056760	077906
	1/2 x 1 x 6	056107	056127	056300	056390	056480	056570	056660	056770	077907
1	1 x 1 x 6	056108	056128	056310	056400	056490	056580	056670	056780	077908

3 pcs/box	6 pcs/box	12 pcs/box

PC

The PC (Polisher's Choice) is made from premium select grain, premium bond and a proprietary treatment process. It is a quick contouring finishing stone designed for rapid stock removal. The PC is engineered to be used as a final finishing stone on molds requiring a near mirror finish.



Hand Wet MADE IN USA

PC		150	220	320	400	600	900	1200
1/8	1/8 x 1/4 x 6	059230	059330	059530	059630	059730	059830	059930
	1/8 x 1/2 x 6	059240	059340	059540	059640	059740	059840	059940
5/32	5/32 x 5/32 x 6	059215	059315	059515	059615	059715	059815	059915
1/4	1/4 x 1/4 x 6	059250	059350	059550	059650	059750	059850	059950
	1/4 x 1/2 x 6	059260	059360	059560	059660	059760	059860	059960
	1/4 x 1 x 6	059265	059365	059565	059665	059765	059865	059965
1/2	1/2 x 1/2 x 6	059270	059370	059570	059670	059770	059870	059970
	1/2 x 1 x 6	059275	059375	059575	059675	059775	059875	059975
1	1 x 1 x 6	059280	059380	059580	059680	059780	059880	059980

3 pcs/box	6 pcs/box	12 pcs/box

T2

This specialty treated medium-hard aluminum oxide stone cuts very fast and yet provides a silky, smooth finish. Even the most selective polishing 'pro' will like the T2 for high quality mold steel such as P-20, H-13, and 420 stainless.



Hand Profiler Wet MADE IN USA

T2		150	220	320	400	600	800	1000	1200
1/16	1/16 x 1/4 x 6	036900	037096	037292	037492	037688	077550	077565	077580
	1/16 x 1/2 x 6	036910	037100	037296	037496	037690	077551	077566	077581
1/8	1/8 x 1/4 x 6	036912	037108	037304	037504	037700	077552	077567	077582
	1/8 x 1/2 x 6	036916	037112	037316	037508	037704	077553	077568	077583
	1/8 x 1 x 6	036918	037114	037318	037510	037706	077554	077569	077584
5/32	5/32 x 5/32 x 6	036924	037120	037320	037516	037712	077555	077570	077585
1/4	1/4 x 1/4 x 6	036928	037124	037324	037520	037716	077556	077571	077586
	1/4 x 1/2 x 6	036932	037128	037328	037524	037736	077557	077572	077587
	1/4 x 1 x 6	036936	037132	037332	037528	037738	077558	077573	077588
3/8	3/8 x 3/8 x 6	036935	037130	037330	037525	037735	077561	077576	077591
1/2	1/2 x 1 x 6	036952	037148	037348	037544	037740	077559	077574	077589
1	1 x 1 x 6	036956	037152	037352	037548	037744	077560	077575	077590

3 pcs/box	6 pcs/box	12 pcs/box

T4

The T4 is a specially treated medium aluminum oxide stone that cuts fast and leaves an excellent finish. The T4 is similar to the T2 but breaks down faster. It works very well on aluminum, not scratching or tearing the surface.



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T4		150	220	320	400	600	800	1000	1200
1/8	1/8 x 1/4 x 6	038192	038352	038432	038512	038592	077330	077440	077500
	1/8 x 1/2 x 6	038196	038356	038436	038516	038596	077331	077441	077501
	1/8 x 1 x 6	038214	038357	038437	038517	038597	077332	077442	077502
1/4	1/4 x 1/4 x 6	038208	038368	038448	038528	038608	077333	077443	077503
	1/4 x 1/2 x 6	038212	038372	038452	038532	038612	077334	077444	077504
	1/4 x 1 x 6	038216	038376	038456	038536	038616	077335	077445	077505
1/2	1/2 x 1 x 6	038226	038388	038468	038551	038631	077336	077446	077506
1	1 x 1 x 6	038232	038392	038472	038552	038632	077337	077447	077507

3 pcs/box	6 pcs/box	12 pcs/box

AO

The AO offers excellent breakdown characteristics and yet retains its shape well, especially when polishing mold cavity details. Because the AO is filled with lubricant during the manufacturing process, it does not require lengthy pre-lubrication. 220 grit is an ideal “start up stone" for machined surfaces. Grits 220 and 320 work well in removing EDM scale.



Hand Profiler Wet MADE IN USA

AO		120	150	220	320	400	600	800	1000	1200
1/16	1/16 x 1/4 x 6	033101	033201	033401	033601	033701	033901	077001	077101	077201
	1/16 x 1/2 x 6	033105	033205	033405	033605	033705	033905	077005	077105	077205
1/8	1/8 x 1/8 x 6	033109	033209	033409	033609	033709	033909	077009	077109	077209
	1/8 x 1/4 x 6	033113	033213	033413	033613	033713	033913	077013	077113	077213
	1/8 x 1/2 x 6	033117	033217	033417	033617	033717	033917	077017	077117	077217
	1/8 x 1 x 6	033121	033221	033421	033621	033721	033920	077020	077120	077220
5/32	5/32 x 5/32 x 6	033125	033225	033425	033625	033725	033925	077025	077125	077225
1/4	1/4 x 1/4 x 6	033129	033229	033429	033629	033729	033929	077029	077129	077229
	1/4 x 1/2 x 6	033133	033233	033433	033633	033733	033933	077033	077133	077233
	1/4 x 1 x 6	033137	033237	033437	033637	033737	033937	077037	077137	077237
3/8	3/8 x 3/8 x 6	033141	033241	033441	033641	033741	033841	077041	077141	077241
1/2	1/2 x 1/2 x 6	033145	033245	033445	033645	033745	033945	077045	077145	077245
	1/2 x 1 x 6	033149	033249	033449	033649	033749	033949	077049	077149	077249
1	1 x 1 x 6	033153	033253	033453	033653	033753	033953	077053	077153	077253
SHAPES	1/4 x Round x 5.5	033189	033289	033489	033689	033789	033989	077089	077189	077289
	3/8 x Round x 5.5	033168	033293	033493	033693	033793	033993	077093	077193	077293
	1/2 x Round x 5.5	033191	033295	033497	033697	033797	033997	077097	077197	077297
	1/4 x Triangle x 6	033171	033294	033471	033669	033769	033998	077098	077198	077298
	3/8 x Triangle x 6	033173	033297	033473	033667	033773	033999	077099	077199	077299
	1/2 x Triangle x 6	033177	033300	033475	033665	033775	033991	077091	077191	077291
	1 x Triangle x 6	033181	033302	033478	033663	033777	033992	077092	077192	077292

3 pcs/box	6 pcs/box	12 pcs/box

TH

The TH is made from premium grade aluminum oxide, then specially treated to provide a load resistant, smooth cutting action. The TH holds its shape and is an excellent stone choice for EDM surfaces. It performs well on all types of tool steels.



Hand Profiler Wet MADE IN USA

TH		150	220	320	400	600	800	1000	1200
1/8	1/8 x 1/4 x 6	034912	034108	034304	034504	034700	077520	077530	077540
	1/8 x 1/2 x 6	034916	034112	034316	034508	034704	077521	077531	077541
1/4	1/4 x 1/4 x 6	034928	034124	034324	034520	034716	077522	077532	077542
	1/4 x 1/2 x 6	034932	034128	034328	034524	034736	077523	077533	077543
	1/4 x 1 x 6	034936	034132	034332	034528	034738	077524	077534	077544
3/8	3/8 x 3/8 x 6	034934	034129	034329	034529	034741	077527	077537	077547
1/2	1/2 x 1 x 6	034933	034125	034333	034536	034737	077525	077535	077545
1	1 x 1 x 6	034937	034126	034334	034537	034740	077526	077536	077546

3 pcs/box | 6 pcs/box | 12 pcs/box

900-F

This stone has super-fine structure and excellent breakdown properties for final finishing prior to mirror (diamond polishing) finishing. The 900-F works especially well on P-20 mold steel with a hardness ranging from 29 to 32Rc.



Hand Wet MADE IN USA

900-F		900
1/8	1/8 x 1/4 x 6	028600
	1/8 x 1/2 x 6	028610
1/4	1/4 x 1/4 x 6	028630
	1/4 x 1/2 x 6	028640
	1/4 x 1 x 6	028650
1/2	1/2 x 1/2 x 6	028660
SHAPES	1/4 x Triangle x 6	028672



BORI-LUBE 10 POLISHING LUBRICANT

L10G - GALLON
L10P - PINT

BORI-LUBE 10 is formulated for mold polishing to clean, lubricate and prevent stone loading. Environmentally friendly and non-hazardous, BORI-LUBE 10 Polishing Lubricant is available in gallon and pint size containers.

MADE IN USA



PREMIUM STONING OIL

336050 - 2 OZ BOTTLE
336040 - PINT
336030 - GALLON

Premium Stoning Oil is an ideal lubricant to use with all of our mold and die polishing stones and coated abrasives. Prevents stone loading and allows for more consistent and free cutting action.

MADE IN USA

3 pcs/box	6 pcs/box	12 pcs/box

Ruby Dark

The Ruby Dark is a specialty roughing stone designed with blockier, less friable grains. This innovative stone resists breakdown under pressure, ensuring a longer lifespan and consistent performance. Ideal for controlled, precise work, the Ruby Dark cuts more slowly, preserving its shape and cutting ability for extended use.



Hand Profiler Wet Dry MADE IN USA

RUBY DARK		100	120	220
1/2	1/2 X 1 X 6	074854	074855	074856
	1/2 X 1/2 X 6	074859	074857	074858
1/4	1/4 X 1 X 6	074861	074862	074860
	1/4 X 1/2 X 6	074551	074556	074863
	1/4 X 1/4 X 6	074865	074866	074864
1/8	1/8 X 1/2 X 6	074562	074557	074867
	1/8 X 1/4 X 6	074561	074552	074868

3 pcs/box	6 pcs/box	12 pcs/box

Roughing Stones

From soft to hard, BORIDE Roughing Stones enable rapid, aggressive stock removal. Following is our line of roughing stones in order of hardness, softest to hardest: RO-GS, Roughout, RO-MED, Ruby, RO-HARD.



Hand Profiler Wet Dry MADE IN USA

RO-GS		100	120
1/4	1/4 x 1/2 x 8	029316	029340
	1/4 x 1 x 8	029318	029342
1/2	1/2 x 1 x 8	029320	029350

Roughouts		80	100	120	180
1/4	1/4 x 1 x 8	029516	029530	029545	029575
1/2	1/2 x 1 x 8	029519	029533	029548	029578
1	1 x 1 x 8	029521	029536	029551	029581
	1 x 2 x 8	029524	029539	029554	029584

RO-MED		80	100	150	220
1/4	1/4 x 1 x 8	029200	029230	029260	029290
1/2	1/2 x 1 x 8	029210	029240	029270	029300
1	1 x 2 x 8	029220	029250	029280	029310

Ruby		60	80	100	150	220
1/8	1/8 x 1/4 x 6	074213	074313	074513	074613	074813
	1/8 x 1/2 x 6	074217	074317	074517	074617	074817
1/4	1/4 x 1/4 x 6	074229	074329	074529	074629	074829
	1/4 x 1/2 x 6	074233	074333	074533	074633	074833
	1/4 x 1 x 6	074243	074343	074543	074643	074843
1/2	1/2 x 1/2 x 6	074241	074341	074541	074641	074841
	1/2 x 1 x 6	074245	074345	074545	074645	074845

RO-HARD		150	220
1/4	1/4 x 1 x 8	029460	029490
1/2	1/2 x 1 x 8	029470	029500
1	1 x 2 x 8	029480	029510

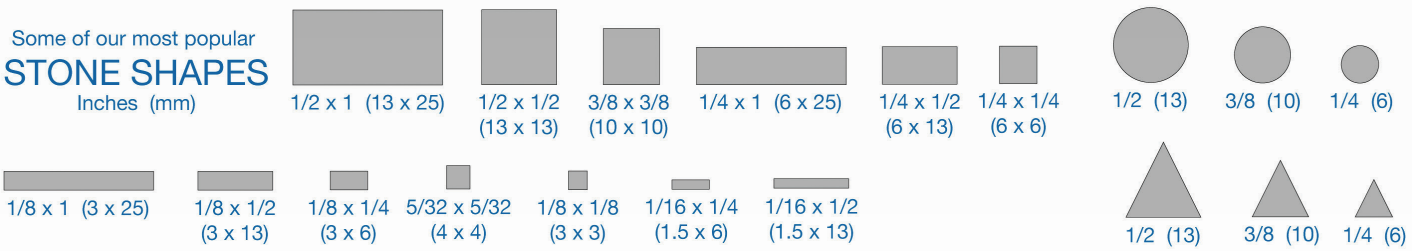
3 pcs/box	6 pcs/box	12 pcs/box

FALCON POLISHING STONE APPLICATIONS

Stone Types		Color	Grits Available	Surface	Tool Steel	Aluminum	Non-Ferrous	Stainless Steel	EDM	Method	Hand	Profiler	Ultrasonic	Use	Wet	Dry	Breakdown	0 = Slow	5 = Fast	Hardness	0 = Soft	5 = Hard	
EDM Finishing Stones	EDM	Dark Brown	100 - 1200		•				▲		•	•	•		•			2			4		
General Purpose Stones Aluminum Oxide	N	Tan	100 - 1200		▲	•	▲	•			•	•			•	•		4			2		
	SE	White	100 - 1000		•	•	•	•			•	•			•	•		3			3		
General Purpose Stones Silicon Carbide	SO	Grey	46 - 1200		•		•				•	•			•	•		2			3		
	PO	Blue-Grey	150 - 1200		•	•	▲				•				•	•		4			2		
Specialty Stones	HA	Cream	100 - 1200		▲				•		•	•			•			3			4		
	PRO	White	120 - 1200		•				•		•	•			•			3			3		

▲ **Indicates most popular stone for the application**

Some of our most popular
STONE SHAPES
Inches (mm)



EDM

The Falcon Tool "EDM" finishing stone is a hard-structured aluminum oxide stone for polishing EDM (electrical discharge machining) surfaces on all types of mold and die steel. It performs particularly well on heat treated steels. This stone is hard, strong and will hold its shape while penetrating surface scale easily making it ideal for polishing sharp corners and small details.



Hand | Profiler | Ultrasonic | Wet | MADE IN USA

SIZE (IN)	100	150	220	320	400	600	800	1000	1200
1/16 X 1/4 X 6	02F-EDM1000	02F-EDM1001	02F-EDM1002	02F-EDM1003	02F-EDM1004	02F-EDM1006	02F-EDM1007	02F-EDM1008	02F-EDM1009
1/16 X 1/2 X 6	02F-EDM1010	02F-EDM1011	02F-EDM1012	02F-EDM1013	02F-EDM1014	02F-EDM1016	02F-EDM1017	02F-EDM1018	02F-EDM1019
1/8 X 1/8 X 6	02F-EDM1020	02F-EDM1021	02F-EDM1022	02F-EDM1023	02F-EDM1024	02F-EDM1026	02F-EDM1027	02F-EDM1028	02F-EDM1029
1/8 X 1/4 X 6	02F-EDM1030	02F-EDM1031	02F-EDM1032	02F-EDM1033	02F-EDM1034	02F-EDM1036	02F-EDM1037	02F-EDM1038	02F-EDM1039
1/8 X 1/2 X 6	02F-EDM1040	02F-EDM1041	02F-EDM1042	02F-EDM1043	02F-EDM1044	02F-EDM1046	02F-EDM1047	02F-EDM1048	02F-EDM1049
5/32 X 5/32 X 6	–	02I-PEN1500	02I-PEN1501	02I-PEN1502	02I-PEN1503	02I-PEN1505	02I-PEN1506	02I-PEN1507	02I-PEN1508
3/16 X 3/16 X 6	02F-EDM1050	02F-EDM1051	02F-EDM1052	02F-EDM1053	02F-EDM1054	02F-EDM1056	02F-EDM1057	02F-EDM1058	02F-EDM1059
1/4 X 1/4 X 6	02F-EDM1060	02F-EDM1061	02F-EDM1062	02F-EDM1063	02F-EDM1064	02F-EDM1066	02F-EDM1067	02F-EDM1068	02F-EDM1069
1/4 X 1/2 X 6	02F-EDM1070	02F-EDM1071	02F-EDM1072	02F-EDM1073	02F-EDM1074	02F-EDM1076	02F-EDM1077	02F-EDM1078	02F-EDM1079
1/4 X 1 X 6	02F-EDM1090	02F-EDM1091	02F-EDM1092	02F-EDM1093	02F-EDM1094	02F-EDM1096	02F-EDM1097	02F-EDM1098	02F-EDM1099

3 pcs/box	6 pcs/box	12 pcs/box

N

The Falcon Tool “N” finishing stone is a fast-cutting stone that can be used on nearly any material. The “N” is engineered for hand polishing all types of mold and die steels including SAE 1030 pre-heat treated P-20, H-13, S-7 and T-420. Soft cutting action combined with the perfect breakdown speed of the “N” permits pre-finishing on non-ferrous metals such as aluminum, beryllium, kirksite and high chrome/ nickel stainless steel. Some polishers obtain excellent results using water when finishing kirksite.



Hand Profiler Wet Dry MADE IN USA

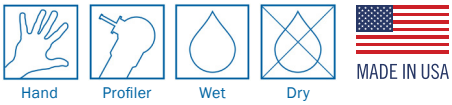
SIZE (IN)	100	150	220	320	400	600	900	1200
1/16 X 1/4 X 6	02A-NDS1000	02A-NDS1001	02A-NDS1002	02A-NDS1003	02A-NDS1004	02A-NDS1006	02A-NDS1007	02A-NDS1008
1/16 X 1/2 X 6	02A-NDS1010	02A-NDS1011	02A-NDS1012	02A-NDS1013	02A-NDS1014	02A-NDS1016	02A-NDS1017	02A-NDS1018
1/8 X 1/8 X 6	02A-NDS1020	02A-NDS1021	02A-NDS1022	02A-NDS1023	02A-NDS1024	02A-NDS1026	02A-NDS1027	02A-NDS1028
1/8 X 1/4 X 6	02A-NDS1030	02A-NDS1031	02A-NDS1032	02A-NDS1033	02A-NDS1034	02A-NDS1036	02A-NDS1037	02A-NDS1038
1/8 X 1/2 X 6	02A-NDS1040	02A-NDS1041	02A-NDS1042	02A-NDS1043	02A-NDS1044	02A-NDS1046	02A-NDS1047	02A-NDS1048
1/8 X 1 X 6	02A-NDS1050	02A-NDS1051	02A-NDS1052	02A-NDS1053	02A-NDS1054	02A-NDS1056	02A-NDS1058	02A-NDS1059
5/32 X 5/32 X 6	–	02I-PEN1000	02I-PEN1001	02I-PEN1002	02I-PEN1003	02I-PEN1005	02I-PEN1007	02I-PEN1008
3/16 X 3/16 X 6	02A-NDS1060	02A-NDS1061	02A-NDS1062	02A-NDS1063	02A-NDS1064	02A-NDS1066	02A-NDS1067	02A-NDS1068
3/16 X 1/2 X 6	02A-NDS1070	02A-NDS1071	02A-NDS1072	02A-NDS1073	02A-NDS1074	02A-NDS1076	02A-NDS1077	02A-NDS1078
1/4 X 1/4 X 6	02A-NDS1080	02A-NDS1081	02A-NDS1082	02A-NDS1083	02A-NDS1084	02A-NDS1086	02A-NDS1087	02A-NDS1088
1/4 X 1/2 X 6	02A-NDS1090	02A-NDS1091	02A-NDS1092	02A-NDS1093	02A-NDS1094	02A-NDS1096	02A-NDS1098	02A-NDS1099
1/4 X 1 X 6	02A-NDS1100	02A-NDS1101	02A-NDS1102	02A-NDS1103	02A-NDS1104	02A-NDS1106	02A-NDS1108	02A-NDS1109
3/8 X 3/8 X 6	02A-NDS1110	02A-NDS1111	02A-NDS1112	02A-NDS1113	02A-NDS1114	02A-NDS1116	02A-NDS1117	02A-NDS1118
1/2 X 1/2 X 6	02A-NDS1120	02A-NDS1121	02A-NDS1122	02A-NDS1123	02A-NDS1124	02A-NDS1126	02A-NDS1127	02A-NDS1128
1/2 X 1 X 6	02A-NDS1130	02A-NDS1131	02A-NDS1132	02A-NDS1133	02A-NDS1134	02A-NDS1136	02A-NDS1138	02A-NDS1139
3/4 X 3/4 X 6	02A-NDS1140	02A-NDS1141	02A-NDS1142	02A-NDS1143	02A-NDS1144	02A-NDS1146	02A-NDS1147	02A-NDS1148
1 X 1 X 6	02A-NDS1150	02A-NDS1151	02A-NDS1152	02A-NDS1153	02A-NDS1154	02A-NDS1156	02A-NDS1157	02A-NDS1158
ROUND								
3/16 DIA.	02A-NDS1160	02A-NDS1161	02A-NDS1162	02A-NDS1163	02A-NDS1164	02A-NDS1166	02A-NDS1167	02A-NDS1168
1/4 DIA.	02A-NDS1170	02A-NDS1171	02A-NDS1172	02A-NDS1173	02A-NDS1174	02A-NDS1176	02A-NDS1177	02A-NDS1178
3/8 DIA.	02A-NDS1180	02A-NDS1181	02A-NDS1182	02A-NDS1183	02A-NDS1184	02A-NDS1186	02A-NDS1187	02A-NDS1188
1/2 DIA.	02A-NDS1190	02A-NDS1191	02A-NDS1192	02A-NDS1193	02A-NDS1194	02A-NDS1196	02A-NDS1197	02A-NDS1198

3 pcs/box	6 pcs/box	12 pcs/box

SE

The Falcon Tool “SE” finishing stone is a semi-hard aluminum oxide stone with slow breakdown used for general polishing on all tool steels as well as non-ferrous materials. It is load resistant and can be used wet or dry.





SIZE (IN)	100	150	220	320	400
1/16 X 1/4 X 6	02E-SES1000	02E-SES1001	02E-SES1002	02E-SES1003	02E-SES1004
1/16 X 1/2 X 6	02E-SES1010	02E-SES1011	02E-SES1012	02E-SES1013	02E-SES1014
1/8 X 1/8 X 6	02E-SES1020	02E-SES1021	02E-SES1022	02E-SES1023	02E-SES1024
1/8 X 1/4 X 6	02E-SES1030	02E-SES1031	02E-SES1032	02E-SES1033	02E-SES1034
1/8 X 1/2 X 6	02E-SES1040	02E-SES1041	02E-SES1042	02E-SES1043	02E-SES1044
1/8 X 1 X 6	02E-SES1050	02E-SES1051	02E-SES1052	02E-SES1053	02E-SES1054
5/32 X 5/32 X 6	–	02I-PEN1400	02I-PEN1401	02I-PEN1402	02I-PEN1403
3/16 X 3/16 X 6	02E-SES1060	02E-SES1061	02E-SES1062	02E-SES1063	02E-SES1064
3/16 X 1/2 X 6	02E-SES1070	02E-SES1071	02E-SES1072	02E-SES1073	02E-SES1074
1/4 X 1/4 X 6	02E-SES1080	02E-SES1081	02E-SES1082	02E-SES1083	02E-SES1084
1/4 X 1/2 X 6	02E-SES1090	02E-SES1091	02E-SES1092	02E-SES1093	02E-SES1094
1/4 X 1 X 6	02E-SES1100	02E-SES1101	02E-SES1102	02E-SES1103	02E-SES1104
3/8 X 3/8 X 6	02E-SES1110	02E-SES1111	02E-SES1112	02E-SES1113	02E-SES1114
1/2 X 1/2 X 6	02E-SES1120	02E-SES1121	02E-SES1122	02E-SES1123	02E-SES1124
1/2 X 1 X 6	02E-SES1130	02E-SES1131	02E-SES1132	02E-SES1133	02E-SES1134
3/4 X 3/4 X 6	02E-SES1140	02E-SES1141	02E-SES1142	02E-SES1143	02E-SES1144
1 X 1 X 6	02E-SES1150	02E-SES1151	02E-SES1152	02E-SES1153	02E-SES1154
ROUND					
3/16 DIA.	02E-SES1160	02E-SES1161	02E-SES1162	02E-SES1163	02E-SES1164
1/4 DIA.	02E-SES1170	02E-SES1171	02E-SES1172	02E-SES1173	02E-SES1174
3/8 DIA.	02E-SES1180	02E-SES1181	02E-SES1182	02E-SES1183	02E-SES1184
1/2 DIA.	02E-SES1190	02E-SES1191	02E-SES1192	02E-SES1193	02E-SES1194

3 pcs/box	6 pcs/box	12 pcs/box

SE

GRITS 600-1000

SIZE (IN)	600	800	1000
1/16 X 1/4 X 6	02E-SES1006	02E-SES1007	02E-SES1009
1/16 X 1/2 X 6	02E-SES1016	02E-SES1017	02E-SES1019
1/8 X 1/8 X 6	02E-SES1026	02E-SES1027	02E-SES1029
1/8 X 1/4 X 6	02E-SES1036	02E-SES1037	02E-SES1039
1/8 X 1/2 X 6	02E-SES1046	02E-SES1047	02E-SES1049
1/8 X 1 X 6	02E-SES1056	02E-SES1057	02E-SES1059
5/32 X 5/32 X 6	02I-PEN1405	02I-PEN1406	02I-PEN1408
3/16 X 3/16 X 6	02E-SES1066	02E-SES1067	02E-SES1069
3/16 X 1/2 X 6	02E-SES1076	02E-SES1077	02E-SES1079
1/4 X 1/4 X 6	02E-SES1086	02E-SES1087	02E-SES1089
1/4 X 1/2 X 6	02E-SES1096	02E-SES1097	02E-SES1099
1/4 X 1 X 6	02E-SES1106	02E-SES1107	02E-SES1109
3/8 X 3/8 X 6	02E-SES1116	02E-SES1117	02E-SES1119
1/2 X 1/2 X 6	02E-SES1126	02E-SES1127	02E-SES1129
1/2 X 1 X 6	02E-SES1136	02E-SES1137	02E-SES1139
3/4 X 3/4 X 6	02E-SES1146	02E-SES1147	02E-SES1149
1 X 1 X 6	02E-SES1156	02E-SES1157	02E-SES1159
ROUND			
3/16 DIA.	02E-SES1166	02E-SES1167	02E-SES1169
1/4 DIA.	02E-SES1176	02E-SES1177	02E-SES1179
3/8 DIA.	02E-SES1186	02E-SES1187	02E-SES1189
1/2 DIA.	02E-SES1196	02E-SES1197	02E-SES1199

3 pcs/box	6 pcs/box	12 pcs/box

SO

The Falcon Tool “SO” finishing stone is a medium-hard structured silicon carbide stone with moderate breakdown used for general polishing on tool steel and non-ferrous materials. It is harder than our “PO” finishing stone.



Hand Profiler Wet Dry MADE IN USA

SIZE (IN)	60	80	100	150
1/16 X 1/4 X 6	–	02B-SOS1000	02B-SOS1001	02B-SOS1002
1/16 X 1/2 X 6	–	02B-SOS1010	02B-SOS1011	02B-SOS1012
1/8 X 1/8 X 6	–	02B-SOS1020	02B-SOS1021	02B-SOS1022
1/8 X 1/4 X 6	02B-SOS1031	02B-SOS1032	02B-SOS1033	02B-SOS1034
1/8 X 1/2 X 6	02B-SOS1041	02B-SOS1042	02B-SOS1043	02B-SOS1044
1/8 X 1 X 6	02B-SOS1051	02B-SOS1052	02B-SOS1053	02B-SOS1054
5/32 X 5/32 X 6	–	–	–	02I-PEN1200
3/16 X 3/16 X 6	02B-SOS1061	02B-SOS1062	02B-SOS1063	02B-SOS1064
3/16 X 1/2 X 6	02B-SOS1071	02B-SOS1072	02B-SOS1073	02B-SOS1074
1/4 X 1/4 X 6	02B-SOS1081	02B-SOS1082	02B-SOS1083	02B-SOS1084
1/4 X 1/2 X 6	02B-SOS1091	02B-SOS1092	02B-SOS1093	02B-SOS1094
1/4 X 1 X 6	02B-SOS1101	02B-SOS1102	02B-SOS1103	02B-SOS1104
3/8 X 3/8 X 6	02B-SOS1111	02B-SOS1112	02B-SOS1113	02B-SOS1114
1/2 X 1/2 X 6	02B-SOS1121	02B-SOS1122	02B-SOS1123	02B-SOS1124
1/2 X 1 X 6	02B-SOS1131	02B-SOS1132	02B-SOS1133	02B-SOS1134
3/4 X 3/4 X 6	02B-SOS1141	02B-SOS1142	02B-SOS1143	02B-SOS1144
1 X 1 X 6	02B-SOS1151	02B-SOS1152	02B-SOS1153	02B-SOS1154
ROUND				
3/16 DIA.	–	02B-SOS1160	02B-SOS1161	02B-SOS1162
1/4 DIA.	–	02B-SOS1170	02B-SOS1171	02B-SOS1172
3/8 DIA.	–	02B-SOS1180	02B-SOS1181	02B-SOS1182
1/2 DIA.	–	02B-SOS1190	02B-SOS1191	02B-SOS1192
3/4 DIA.	–	–	02B-SOS1201	02B-SOS1202
1 DIA.	02B-SOS1210	02B-SOS1211	02B-SOS1212	02B-SOS1213

3 pcs/box	6 pcs/box	12 pcs/box

SO

GRITS 220-1200

SIZE (IN)	220	320	400	600	800	1000	1200
1/16 X 1/4 X 6	02B-SOS1003	02B-SOS1004	02B-SOS1005	02B-SOS1007	02B-SOS1219	02B-SOS1220	02B-SOS1221
1/16 X 1/2 X 6	02B-SOS1013	02B-SOS1014	02B-SOS1015	02B-SOS1017	02B-SOS1229	02B-SOS1230	02B-SOS1231
1/8 X 1/8 X 6	02B-SOS1023	02B-SOS1024	02B-SOS1025	02B-SOS1027	02B-SOS1239	02B-SOS1240	02B-SOS1241
1/8 X 1/4 X 6	02B-SOS1035	02B-SOS1036	02B-SOS1037	02B-SOS1039	02B-SOS1249	02B-SOS1250	02B-SOS1251
1/8 X 1/2 X 6	02B-SOS1045	02B-SOS1046	02B-SOS1047	02B-SOS1049	02B-SOS1259	02B-SOS1260	02B-SOS1261
1/8 X 1 X 6	02B-SOS1055	02B-SOS1056	02B-SOS1057	02B-SOS1059	02B-SOS1269	02B-SOS1270	02B-SOS1271
5/32 X 5/32 X 6	02I-PEN1201	02I-PEN1202	02I-PEN1203	02I-PEN1205	02I-PEN1206	02I-PEN1207	02I-PEN1208
3/16 X 3/16 X 6	02B-SOS1065	02B-SOS1066	02B-SOS1067	02B-SOS1069	02B-SOS1279	02B-SOS1280	02B-SOS1281
3/16 X 1/2 X 6	02B-SOS1075	02B-SOS1076	02B-SOS1077	02B-SOS1079	02B-SOS1289	02B-SOS1290	02B-SOS1291
1/4 X 1/4 X 6	02B-SOS1085	02B-SOS1086	02B-SOS1087	02B-SOS1089	02B-SOS1299	02B-SOS1300	02B-SOS1301
1/4 X 1/2 X 6	02B-SOS1095	02B-SOS1096	02B-SOS1097	02B-SOS1099	02B-SOS1309	02B-SOS1310	02B-SOS1311
1/4 X 1 X 6	02B-SOS1105	02B-SOS1106	02B-SOS1107	02B-SOS1109	02B-SOS1319	02B-SOS1320	02B-SOS1321
3/8 X 3/8 X 6	02B-SOS1115	02B-SOS1116	02B-SOS1117	02B-SOS1119	02B-SOS1329	02B-SOS1330	02B-SOS1331
1/2 X 1/2 X 6	02B-SOS1125	02B-SOS1126	02B-SOS1127	02B-SOS1129	02B-SOS1339	02B-SOS1340	02B-SOS1341
1/2 X 1 X 6	02B-SOS1135	02B-SOS1136	02B-SOS1137	02B-SOS1139	02B-SOS1349	02B-SOS1350	02B-SOS1351
3/4 X 3/4 X 6	02B-SOS1145	02B-SOS1146	02B-SOS1147	02B-SOS1149	02B-SOS1359	02B-SOS1360	02B-SOS1361
1 X 1 X 6	02B-SOS1155	02B-SOS1156	02B-SOS1157	02B-SOS1159	02B-SOS1369	02B-SOS1370	02B-SOS1371
ROUND							
3/16 DIA.	02B-SOS1163	02B-SOS1164	02B-SOS1165	02B-SOS1167	02B-SOS1379	02B-SOS1380	02B-SOS1381
1/4 DIA.	02B-SOS1173	02B-SOS1174	02B-SOS1175	02B-SOS1177	02B-SOS1389	02B-SOS1390	02B-SOS1391
3/8 DIA.	02B-SOS1183	02B-SOS1184	02B-SOS1185	02B-SOS1187	02B-SOS1399	02B-SOS1400	02B-SOS1401
1/2 DIA.	02B-SOS1193	02B-SOS1194	02B-SOS1195	02B-SOS1197	02B-SOS1409	02B-SOS1410	02B-SOS1411
3/4 DIA.	02B-SOS1203	02B-SOS1204	02B-SOS1205	02B-SOS1207	02B-SOS1419	02B-SOS1420	02B-SOS1421
1 DIA.	02B-SOS1214	02B-SOS1215	02B-SOS1216	02B-SOS1218	02B-SOS1429	02B-SOS1430	02B-SOS1431

3 pcs/box	6 pcs/box	12 pcs/box

PO

The Falcon Tool “PO” finishing stone is a soft silicon carbide stone with porous structure resulting in a fast, even breakdown and fine, velvet finish. The “PO” is mostly used for hand polishing and is designed to conform easily to detail areas. We do not recommend using the “PO” in reciprocating profilers. The “PO” finishing stones are ideal for roughing out non-ferrous materials including aluminum, kirksite, copper and beryllium and can also be used on all tool steels.




Hand


Wet


Dry

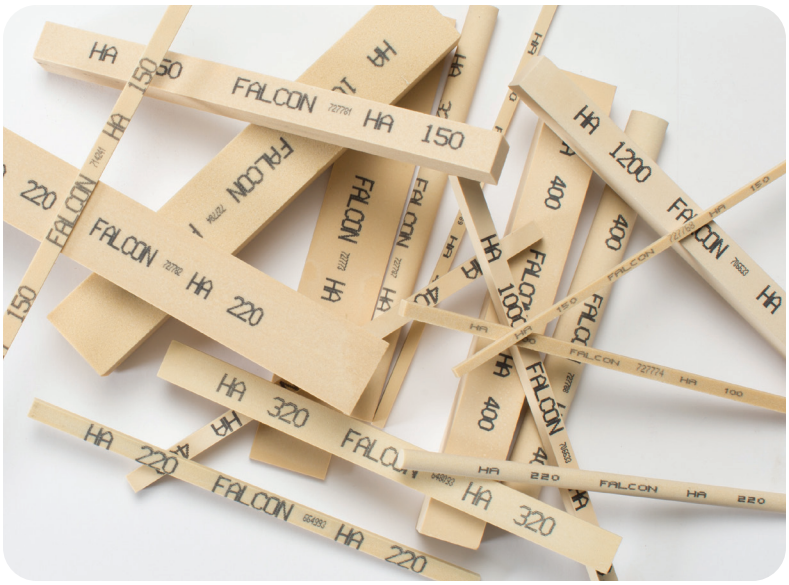

MADE IN USA

SIZE (IN)	150	220	320	400	600	800	1000	1200
1/16 X 1/4 X	02C-POS1000	02C-POS1001	02C-POS1002	02C-POS1003	02C-POS1005	02C-POS1006	02C-POS1007	02C-POS1008
1/16 X 1/2 X 6	02C-POS1010	02C-POS1011	02C-POS1012	02C-POS1013	02C-POS1015	02C-POS1016	02C-POS1017	02C-POS1018
1/8 X 1/8 X 6	02C-POS1020	02C-POS1021	02C-POS1022	02C-POS1023	02C-POS1025	02C-POS1026	02C-POS1027	02C-POS1028
1/8 X 1/4 X 6	02C-POS1030	02C-POS1031	02C-POS1032	02C-POS1033	02C-POS1035	02C-POS1036	02C-POS1037	02C-POS1038
1/8 X 1/2 X 6	02C-POS1040	02C-POS1041	02C-POS1042	02C-POS1043	02C-POS1045	02C-POS1046	02C-POS1047	02C-POS1048
1/8 X 1 X 6	02C-POS1050	02C-POS1051	02C-POS1052	02C-POS1053	02C-POS1055	02C-POS1056	02C-POS1057	02C-POS1058
5/32 X 5/32 X 6	02I-PEN1800	02I-PEN1801	02I-PEN1802	02I-PEN1803	02I-PEN1805	02I-PEN1806	02I-PEN1807	02I-PEN1808
3/16 X 3/16 X 6	02C-POS1060	02C-POS1061	02C-POS1062	02C-POS1063	02C-POS1065	02C-POS1066	02C-POS1067	02C-POS1068
3/16 X 1/2 X 6	02C-POS1070	02C-POS1071	02C-POS1072	02C-POS1073	02C-POS1075	02C-POS1076	02C-POS1077	02C-POS1078
1/4 X 1/4 X 6	02C-POS1080	02C-POS1081	02C-POS1082	02C-POS1083	02C-POS1085	02C-POS1086	02C-POS1087	02C-POS1088
1/4 X 1/2 X 6	02C-POS1090	02C-POS1091	02C-POS1092	02C-POS1093	02C-POS1095	02C-POS1096	02C-POS1097	02C-POS1098
1/4 X 1 X 6	02C-POS1100	02C-POS1101	02C-POS1102	02C-POS1103	02C-POS1105	02C-POS1106	02C-POS1107	02C-POS1108
3/8 X 3/8 X 6	02C-POS1110	02C-POS1111	02C-POS1112	02C-POS1113	02C-POS1115	02C-POS1116	02C-POS1117	02C-POS1118
1/2 X 1/2 X 6	02C-POS1120	02C-POS1121	02C-POS1122	02C-POS1123	02C-POS1125	02C-POS1126	02C-POS1127	02C-POS1128
1/2 X 1 X 6	02C-POS1130	02C-POS1131	02C-POS1132	02C-POS1133	02C-POS1135	02C-POS1136	02C-POS1137	02C-POS1138
3/4 X 3/4 X 6	02C-POS1140	02C-POS1141	02C-POS1142	02C-POS1143	02C-POS1145	02C-POS1146	02C-POS1147	02C-POS1148
1 X 1 X 6	02C-POS1150	02C-POS1151	02C-POS1152	02C-POS1153	02C-POS1155	02C-POS1156	02C-POS1157	02C-POS1158
ROUND								
3/16 DIA.	02C-POS1160	02C-POS1161	02C-POS1162	02C-POS1163	02C-POS1165	02C-POS1166	02C-POS1167	02C-POS1168
1/4 DIA.	02C-POS1170	02C-POS1171	02C-POS1172	02C-POS1173	02C-POS1175	02C-POS1176	02C-POS1177	02C-POS1178
3/8 DIA.	02C-POS1180	02C-POS1181	02C-POS1182	02C-POS1183	02C-POS1185	02C-POS1186	02C-POS1187	02C-POS1188
1/2 DIA.	02C-POS1190	02C-POS1191	02C-POS1192	02C-POS1193	02C-POS1195	02C-POS1196	02C-POS1197	02C-POS1198
3/4 DIA.	02C-POS1200	02C-POS1201	02C-POS1202	02C-POS1203	02C-POS1205	02C-POS1206	02C-POS1207	02C-POS1208
1 DIA.	02C-POS1210	02C-POS1211	02C-POS1212	02C-POS1213	02C-POS1215	02C-POS1216	02C-POS1217	02C-POS1218

3 pcs/box	6 pcs/box	12 pcs/box

HA

The Falcon Tool “HA” finishing stone is a hard-structured premium grade aluminum oxide stone that it specially treated to create a load resistant, smooth cutting action. The “HA” is the perfect stone for polishing ribs, slots, letters, and hard to reach places because of its hardness and will hold its shape making it ideal for polishing sharp corners. It is an excellent stone for polishing EDM (electrical discharge machining) surfaces and performs well on all types of tool steels.





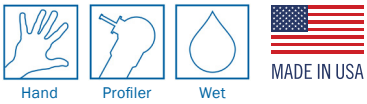
SIZE (IN)	100	150	220	320	400	600	800	1000	1200
1/16 X 1/4 X 6	02D-HAS1000	02D-HAS1001	02D-HAS1002	02D-HAS1003	02D-HAS1004	02D-HAS1006	02D-HAS1007	02D-HAS1008	02D-HAS1009
1/16 X 1/2 X 6	02D-HAS1010	02D-HAS1011	02D-HAS1012	02D-HAS1013	02D-HAS1014	02D-HAS1016	02D-HAS1017	02D-HAS1018	02D-HAS1019
1/8 X 1/8 X 6	02D-HAS1020	02D-HAS1021	02D-HAS1022	02D-HAS1023	02D-HAS1024	02D-HAS1026	02D-HAS1027	02D-HAS1028	02D-HAS1029
1/8 X 1/4 X 6	02D-HAS1030	02D-HAS1031	02D-HAS1032	02D-HAS1033	02D-HAS1034	02D-HAS1036	02D-HAS1037	02D-HAS1038	02D-HAS1039
1/8 X 1/2 X 6	02D-HAS1040	02D-HAS1041	02D-HAS1042	02D-HAS1043	02D-HAS1044	02D-HAS1046	02D-HAS1047	02D-HAS1048	02D-HAS1049
1/8 X 1 X 6	02D-HAS1050	02D-HAS1051	02D-HAS1052	02D-HAS1053	02D-HAS1054	02D-HAS1056	02D-HAS1057	02D-HAS1058	02D-HAS1059
5/32 X 5/32 X 6	–	02I-PEN1300	02I-PEN1301	02I-PEN1302	02I-PEN1303	02I-PEN1305	02I-PEN1306	02I-PEN1307	02I-PEN1308
3/16 X 3/16 X 6	02D-HAS1060	02D-HAS1061	02D-HAS1062	02D-HAS1063	02D-HAS1064	02D-HAS1066	02D-HAS1067	02D-HAS1068	02D-HAS1069
3/16 X 1/2 X 6	02D-HAS1070	02D-HAS1071	02D-HAS1072	02D-HAS1073	02D-HAS1074	02D-HAS1076	02D-HAS1077	02D-HAS1078	02D-HAS1079
1/4 X 1/4 X 6	02D-HAS1080	02D-HAS1081	02D-HAS1082	02D-HAS1083	02D-HAS1084	02D-HAS1086	02D-HAS1087	02D-HAS1088	02D-HAS1089
1/4 X 1/2 X 6	02D-HAS1090	02D-HAS1091	02D-HAS1092	02D-HAS1093	02D-HAS1094	02D-HAS1096	02D-HAS1097	02D-HAS1098	02D-HAS1099
1/4 X 1 X 6	02D-HAS1100	02D-HAS1101	02D-HAS1102	02D-HAS1103	02D-HAS1104	02D-HAS1106	02D-HAS1107	02D-HAS1108	02D-HAS1109
3/8 X 3/8 X 6	02D-HAS1110	02D-HAS1111	02D-HAS1112	02D-HAS1113	02D-HAS1114	02D-HAS1116	02D-HAS1117	02D-HAS1118	02D-HAS1119
1/2 X 1/2 X 6	02D-HAS1120	02D-HAS1121	02D-HAS1122	02D-HAS1123	02D-HAS1124	02D-HAS1126	02D-HAS1127	02D-HAS1128	02D-HAS1129
1/2 X 1 X 6	02D-HAS1130	02D-HAS1131	02D-HAS1132	02D-HAS1133	02D-HAS1134	02D-HAS1136	02D-HAS1137	02D-HAS1138	02D-HAS1139
3/4 X 3/4 X 6	02D-HAS1140	02D-HAS1141	02D-HAS1142	02D-HAS1143	02D-HAS1144	02D-HAS1146	02D-HAS1147	02D-HAS1148	02D-HAS1149
1 X 1 X 6	02D-HAS1150	02D-HAS1151	02D-HAS1152	02D-HAS1153	02D-HAS1154	02D-HAS1156	02D-HAS1157	02D-HAS1158	02D-HAS1159
ROUND									
3/16 DIA.	–	02D-HAS1160	02D-HAS1161	02D-HAS1162	02D-HAS1163	02D-HAS1165	02D-HAS1167	02D-HAS1168	02D-HAS1169
1/4 DIA.	–	02D-HAS1170	02D-HAS1171	02D-HAS1172	02D-HAS1173	02D-HAS1175	02D-HAS1176	02D-HAS1177	02D-HAS1178
3/8 DIA.	–	02D-HAS1180	02D-HAS1181	02D-HAS1182	02D-HAS1183	02D-HAS1185	02D-HAS1186	02D-HAS1187	02D-HAS1188
1/2 DIA.	–	02D-HAS1190	02D-HAS1191	02D-HAS1192	02D-HAS1193	02D-HAS1195	02D-HAS1206	02D-HAS1207	02D-HAS1208

3 pcs/box	6 pcs/box	12 pcs/box

PRO

The Falcon Tool “PRO” (Premium Oil) finishing stone is an aluminum oxide stone which is pre-filled with lubricant during the manufacturing process which reduces pre-lubrication time. The “PRO” with its medium-hard structure offers excellent breakdown characteristics and retains its shape making it ideal for polishing mold cavity details. Grits 220 and 320 work well for removing EDM (electrical discharge machining) scale. The “PRO” works great on A2, A6, D2, DC53, O6, S7, and P20.





SIZE (IN)	120	150	220	320	400	600	800	1000	1200
1/16 X 1/4 X 6	02T-PRO1000	02T-PRO1021	02T-PRO1042	02T-PRO1063	02T-PRO1084	02T-PRO1105	02T-PRO1126	02T-PRO1147	02T-PRO1168
1/16 X 1/2 X 6	02T-PRO1001	02T-PRO1022	02T-PRO1043	02T-PRO1064	02T-PRO1085	02T-PRO1106	02T-PRO1127	02T-PRO1148	02T-PRO1169
1/8 X 1/8 X 6	02T-PRO1002	02T-PRO1023	02T-PRO1044	02T-PRO1065	02T-PRO1086	02T-PRO1107	02T-PRO1128	02T-PRO1149	02T-PRO1170
1/8 X 1/4 X 6	02T-PRO1003	02T-PRO1024	02T-PRO1045	02T-PRO1066	02T-PRO1087	02T-PRO1108	02T-PRO1129	02T-PRO1150	02T-PRO1171
1/8 X 1/2 X 6	02T-PRO1004	02T-PRO1025	02T-PRO1046	02T-PRO1067	02T-PRO1088	02T-PRO1109	02T-PRO1130	02T-PRO1151	02T-PRO1172
1/8 X 1 X 6	02T-PRO1005	02T-PRO1026	02T-PRO1047	02T-PRO1068	02T-PRO1089	02T-PRO1110	02T-PRO1131	02T-PRO1152	02T-PRO1173
5/32 X 5/32 X 6	02T-PRO1006	02T-PRO1027	02T-PRO1048	02T-PRO1069	02T-PRO1090	02T-PRO1111	02T-PRO1132	02T-PRO1153	02T-PRO1174
1/4 X 1/4 X 6	02T-PRO1007	02T-PRO1028	02T-PRO1049	02T-PRO1070	02T-PRO1091	02T-PRO1112	02T-PRO1133	02T-PRO1154	02T-PRO1175
1/4 X 1/2 X 6	02T-PRO1008	02T-PRO1029	02T-PRO1050	02T-PRO1071	02T-PRO1092	02T-PRO1113	02T-PRO1134	02T-PRO1155	02T-PRO1176
1/4 X 1 X 6	02T-PRO1009	02T-PRO1030	02T-PRO1051	02T-PRO1072	02T-PRO1093	02T-PRO1114	02T-PRO1135	02T-PRO1156	02T-PRO1177
3/8 X 3/8 X 6	02T-PRO1010	02T-PRO1031	02T-PRO1052	02T-PRO1073	02T-PRO1094	02T-PRO1115	02T-PRO1136	02T-PRO1157	02T-PRO1178
1/2 X 1/2 X 6	02T-PRO1011	02T-PRO1032	02T-PRO1053	02T-PRO1074	02T-PRO1095	02T-PRO1116	02T-PRO1137	02T-PRO1158	02T-PRO1179
1/2 X 1 X 6	02T-PRO1012	02T-PRO1033	02T-PRO1054	02T-PRO1075	02T-PRO1096	02T-PRO1117	02T-PRO1138	02T-PRO1159	02T-PRO1180
1 X 1 X 6	02T-PRO1013	02T-PRO1034	02T-PRO1055	02T-PRO1076	02T-PRO1097	02T-PRO1118	02T-PRO1139	02T-PRO1160	02T-PRO1181
ROUND									
1/4 DIA.	02T-PRO1019	02T-PRO1035	02T-PRO1060	02T-PRO1081	02T-PRO1102	02T-PRO1119	02T-PRO1140	02T-PRO1161	02T-PRO1182
3/8 DIA.	02T-PRO1014	02T-PRO1036	02T-PRO1061	02T-PRO1082	02T-PRO1103	02T-PRO1122	02T-PRO1143	02T-PRO1164	02T-PRO1185
1/2 DIA.	02T-PRO1020	02T-PRO1038	02T-PRO1062	02T-PRO1083	02T-PRO1104	02T-PRO1123	02T-PRO1144	02T-PRO1165	02T-PRO1186
TRIANGLE									
1/4 X 6	02T-PRO1015	02T-PRO1037	02T-PRO1056	02T-PRO1080	02T-PRO1098	02T-PRO1124	02T-PRO1145	02T-PRO1166	02T-PRO1187
3/8 X 6									
1/2 X 6	02T-PRO1017	02T-PRO1040	02T-PRO1058	02T-PRO1078	02T-PRO1100	02T-PRO1120	02T-PRO1141	02T-PRO1162	02T-PRO1183
1 X 6	02T-PRO1018	02T-PRO1041	02T-PRO1059	02T-PRO1077	02T-PRO1101	02T-PRO1121	02T-PRO1142	02T-PRO1163	02T-PRO1184

3 pcs/box	6 pcs/box	12 pcs/box

All Grit Stone Kits

Our Mold Polishing All Grit Stone Kits offer one stone of each grit in size 1/8 X 1/2 X 6, 1/4 X 1/2 X 6 or 1/4 X 1 X 6 allowing you to try a variety of grits without having to purchase a full box of one size and grit.



MADE IN USA



AM-8: 11 Stones
Grits: 100, 120, 150, 180, 220, 320, 400, 600, 800, 1000, 1200

027915 1/8 x 1/2
027914 1/4 x 1/2
027913 1/4 x 1



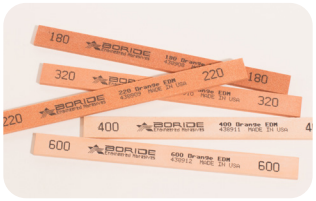
AS-9: 11 Stones
Grits: 100, 120, 150, 180, 220, 320, 400, 600, 800, 1000, 1200

027919 1/8 x 1/2
027925 1/4 x 1/2
027924 1/4 x 1



AS-9 PLUS: 4 Stones
Grits: 320, 400, 600, 800

027928 1/8 x 1/2
027927 1/4 x 1/2
027926 1/4 x 1



Orange EDM: 6 Stones
Grits: 120, 180, 220, 320, 400, 600

027948 1/8 x 1/2
027947 1/4 x 1/2
027945 1/4 x 1



Golden Star: 8 Stones
Grits: 150, 180, 220, 320, 400, 600, 800, 1000

027944 1/8 x 1/2
027943 1/4 x 1/2
027942 1/4 x 1



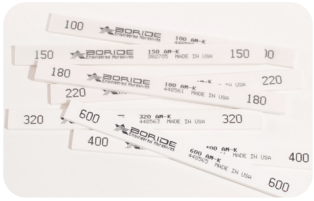
AM-2: 9 Stones
Grits: 100, 150, 180, 220, 320, 400, 600, 900, 1200

027910 1/8 x 1/2
027912 1/4 x 1/2
027911 1/4 x 1



Die Stone: 6 Stones
Grits: 150, 180, 220, 320, 400, 600

027941 1/8 x 1/2
027940 1/4 x 1/2
027939 1/4 x 1



AM-K: 7 Stones
Grits: 100, 150, 180, 220, 320, 400, 600

027921 1/8 x 1/2
027916 1/4 x 1/2
027920 1/4 x 1



AS-H: 10 Stones
Grits: 100, 150, 180, 220, 320, 400, 600, 800, 1000, 1200

027930 1/8 x 1/2
027929 1/4 x 1/2



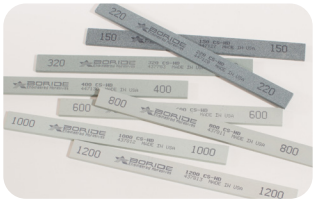
CS: 9 Stones
Grits: 150, 180, 220, 320, 400, 600, 800, 1000, 1200

027933 1/8 x 1/2
027932 1/4 x 1/2
027931 1/4 x 1



CS-M: 9 Stones
Grits: 120, 150, 220, 320, 400, 600, 800, 1000, 1200

027917 1/8 x 1/2
027938 1/4 x 1/2
027937 1/4 x 1



CS-HD: 9 Stones
Grits: 120, 150, 220, 320, 400, 600, 800, 1000, 1200

027936 1/8 x 1/2
027935 1/4 x 1/2
027934 1/4 x 1



RASP: 9 Stones
Grits: 80, 100, 150, 220, 320, 400, 600, 900, 1200

027959 1/8 x 1/2
027958 1/4 x 1/2
027960 1/4 x 1



PC: 7 Stones
Grits: 150, 220, 320, 400, 600, 900, 1200

027950 1/8 x 1/2
027949 1/4 x 1/2
027951 1/4 x 1



T2: 8 Stones
Grits: 150, 220, 320, 400, 600, 800, 1000, 1200

027974 1/8 x 1/2
027973 1/4 x 1/2
027975 1/4 x 1



T4: 8 Stones
Grits: 150, 220, 320, 400, 600, 800, 1000, 1200

027977 1/8 x 1/2
027976 1/4 x 1/2
027978 1/4 x 1



TH: 8 Stones
Grits: 150, 220, 320, 400, 600, 800, 1000, 1200

027980 1/8 x 1/2
027979 1/4 x 1/2
027981 1/4 x 1



AO: 9 Stones
Grits: 120, 150, 220, 320, 400, 600, 800, 1000, 1200

027987 1/8 x 1/2
027923 1/4 x 1/2
027922 1/4 x 1



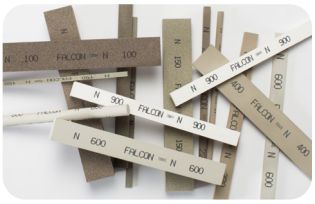
Ruby: 5 Stones
Grits: 60, 80, 100, 150, 220

027962 1/8 x 1/2
027961 1/4 x 1/2
027963 1/4 x 1



Ruby Dark: 3 Stones
Grits: 100, 120, 220

027965 1/8 x 1/2
027964 1/4 x 1/2
027966 1/4 x 1



N: 8 Stones
Grits: 100, 150, 220, 320, 400, 600, 900, 1200

02A-NDS9001 1/8 x 1/2
02A-NDS9201 1/4 x 1/2
02A-NDS9401 1/4 x 1



EDM: 9 Stones
Grits: 100, 150, 220, 320, 400, 600, 800, 1000, 1200

02F-EDM9001 1/8 x 1/2
02F-EDM9201 1/4 x 1/2
02F-EDM9401 1/4 x 1



SE: 8 Stones
Grits: 100, 150, 220, 320, 400, 600, 800, 1000

027968 1/8 x 1/2
027967 1/4 x 1/2
027969 1/4 x 1



PO: 8 Stones
Grits: 150, 220, 320, 400, 600, 800, 1000, 1200

027953 1/8 x 1/2
027952 1/4 x 1/2
027954 1/4 x 1



SO: 11 Stones
Grits: 60, 80, 100, 150, 220, 320, 400, 600, 800, 1000, 1200

027971 1/8 x 1/2
027970 1/4 x 1/2
027972 1/4 x 1



HA: 9 Stones
Grits: 100, 150, 220, 320, 400, 600, 800, 1000, 1200

02D-HAS9001 1/8 x 1/2
02D-HAS9201 1/4 x 1/2
02D-HAS9401 1/4 x 1

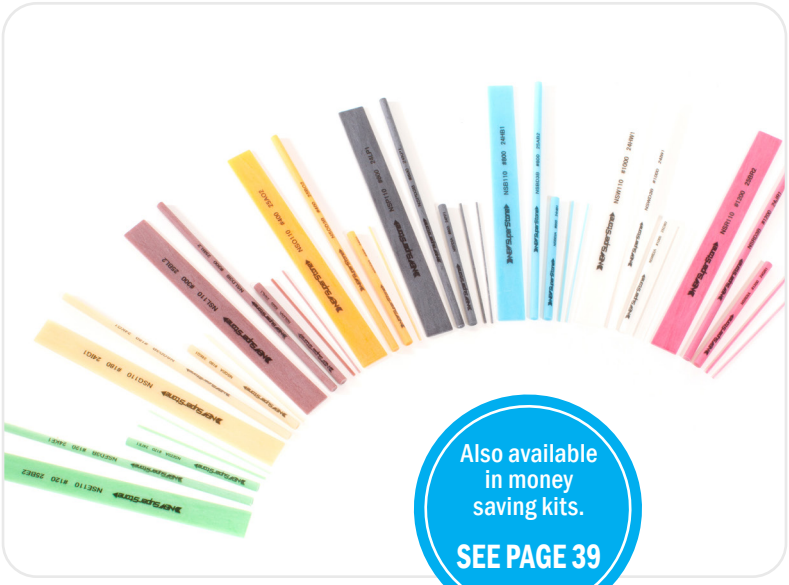


R: 5 Stones
Grits: 60, 80, 100, 150, 220

027956 1/8 x 1/2
027955 1/4 x 1/2
027957 1/4 x 1

Ceramic Super Stones

The new and improved Ceramic Super Stone is used for fine detail polishing. It is extremely strong and thin for tight ribs and slots, and is an excellent stone for EDM removal.



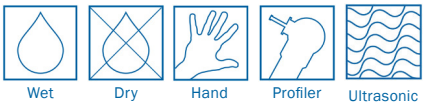


SHAPE	DIMENSION (MM)	VIOLET 80	GREEN 120	GOLD 180	LT BRN 300	ORANGE 400	BLACK 600	BLUE 800	WHITE 1000	RED 1200	YELLOW 1500	CREAM 2000	PINK 3000
FLAT	.5 x 2 x 100	669800	669900	670100	670200	670300	670500	670700	670800	670900	–	–	–
	.5 x 4 x 100	669810	669910	670110	670210	670310	670510	670710	670810	670910	–	–	–
	.5 x 6 x 100	669830	669930	670130	670230	670330	670530	670730	670830	670930	–	–	–
	.8 x 4 x 100	669812	669912	670112	670212	670312	670512	670712	670812	670912	–	–	–
	.8 x 6 x 100	669832	669932	670132	670232	670332	670532	670732	670832	670932	–	–	–
	.8 x 10 x 100	669852	669952	670152	670252	–	670552	670752	670852	–	–	–	–
	1 x 4 x 50	669886	669896	670113	–	–	670587	670787	–	–	–	–	–
	1 x 1 x 100	–	–	–	–	–	–	–	–	–	670001	670004	670007
	1 x 2 x 100	669804	669904	670104	670204	670304	670504	670704	670804	670904	671004	671014	671024
	1 x 4 x 100	669814	669914	670114	670214	670314	670514	670714	670814	670914	671005	–	–
	1 x 6 x 100	669834	669934	670134	670234	670334	670534	670734	670834	670934	671006	–	–
	1 x 10 x 100	669854	669954	670154	670254	670354	670554	670754	670854	670954	671007	–	–
	1.5 x 4 x 100	669816	669916	670116	670216	670316	670516	670716	670816	670916	–	–	–
	1.5 x 6 x 100	669836	669936	670136	670236	670336	670536	670736	–	–	–	–	–
ROUND	2.35 x 50	–	–	–	––	670371	670571	670771	–	670971	–	–	–
	2.35 x 100	669870	669970	669971	670245	–	670545	670745	–	670945	–	–	–
	3 x 50	669881	669981	670181	670281	670381	670581	670781	670881	670981	–	–	–
	3 x 100	669851	669951	670151	670251	670351	670551	670751	670851	670951	–	–	–
	3.175 x 50	669891	669991	670091	670191	670391	670591	670791	670891	670991	–	–	–

Mini Ceramic Super Stones

The new and improved Miniature Ceramic Super Stone is extremely strong for its size and thin for tight ribs and slots. The Miniature is an excellent stone for EDM removal and is suitable for use on all types of mold and die materials. Great tool for engraving finishing.





SHAPE	DIMENSION (MM)	VIOLET 80	GREEN 120	GOLD 180	LT BRN 300	ORANGE 400	BLACK 600	BLUE 800	WHITE 1000	RED 1200
FLAT	0.5 x 0.5 x 50	675040	675000	675001	675002	675003	675004	675005	675006	675007
	0.7 x 0.7 x 50	675041	675008	675009	675010	675011	675012	675013	675014	675015
	0.9 x 0.9 x 50	675042	675016	675017	675018	675019	675020	675021	675022	675023
	1.4 x 1.4 x 50	675043	675024	675025	675026	675027	675028	675029	675030	675031

Mounted Ceramic Super Stones

Mounted Ceramic Super Stones are the same exceptional round ceramic super stones you know, now available mounted on a 3mm mandrel for a wider range of use. Can support high-speed rotation up to 50,000 - 60,000 rpm for use in air grinders. Also compatible with electric grinders and ultrasonic polishers. The entire surface has grinding power making it the perfect tool for deburring, polishing, and removing EDM (electrical discharge machining) scale. Suitable for general steel, mold steel, stainless steel, various alloy steels and aluminum.



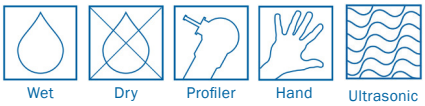
SHAPE	DIMENSION (MM)	VIOLET 80	GREEN 120	GOLD 180	LT BRN 300	ORANGE 400	BLACK 600	BLUE 800	WHITE 1000	RED 1200
ROUND	1.0 x 9 x 3	–	675084	675085	675086	675087	675088	675089	675090	675091
	1.5 x 9 x 3	675075	675076	675077	675078	675079	675080	675081	675082	675083
	2.0 x 9 x 3	675092	675093	675094	675095	675096	675097	675098	675099	675100

Caution: When using with rotary tools, please wear the protective glasses for the safety.

Cristone® Crystal Fiber Stones

Cristone® Crystal Fiber Stones are made from using the highest quality, chemically produced crystal fibers. The crystalline structure of the crystal fibers offers high polishing efficiency and incredible bending strength. These are the perfect stones for detail polishing.



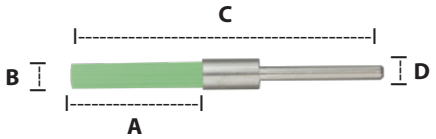


SHAPE	DIMENSION (MM)	GREEN 150	PINK 200	VIOLET 400	ORANGE 600	BLUE 800	WHITE 1000
FLAT	1 x 2 x 100	674000	674110	674210	674310	674410	674510
	1 x 4 x 100	674020	674120	674220	674320	674420	674520
	1 x 6 x 100	674030	674130	674230	674330	674430	674530
	1 x 10 x 100	674040	674140	674240	674340	674440	674540
	1 x 13 x 100	674050	674150	674250	674350	674450	674550
ROUND	2.35 x 50	674060	674160	674260	674360	674460	674560
	2.35 x 100	674070	674170	674270	674370	674470	674570
	3 x 50	674080	674180	674280	674380	674480	674580
	3 x 100	674090	674190	674290	674390	674490	674590

Cristone® End Bristle Brushes

Cristone® Bristle Brushes are excellent for aggressive finishing and tool mark removal and works well on hardened steels, carbon steels, stainless steel (grits 150 – 800), alloy steels, brass, aluminum (grits 800 –3000) and composite/copper (grits 3000 & 6000). Perfect tool to use for cross hole deburring, surface finishing and polishing for aircraft parts, engine blocks and medical devices.

***Do Not Use with a pneumatic tool. Electric tools or CNC machines only.**



CRISTONE® End Bristle Brushes			
BRUSH LENGTH (A)	BRISTLE DIAMETER (B)	OVERALL LENGTH (C)	SHANK DIAMETER (D)
20mm	5mm	49mm	3mm



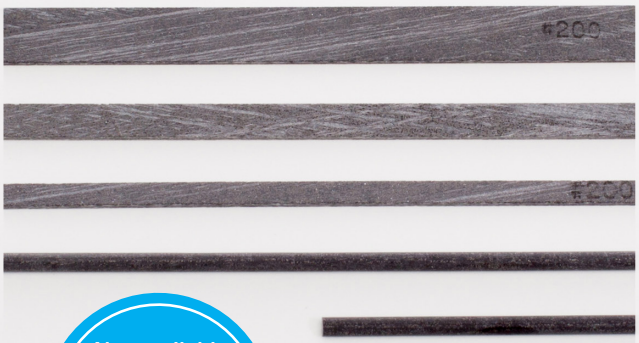
CRISTONE® End Bristle Brushes

GREEN (150 GRIT)	PINK (200 GRIT)	VIOLET (400 GRIT)	ORANGE (600 GRIT)	BLUE (800 GRIT)	WHITE (1000 GRIT)	RED (1200 GRIT)	DK GREEN (2000 GRIT)	DK RED (3000 GRIT)	LT VIOLET (6000 GRIT)
674800	674801	674802	674803	674804	674805	674806	674807	674808	674809

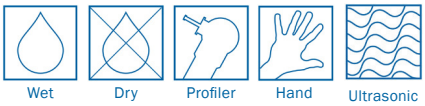
*Recommended RPM for grits #150 - #1000: 6,000 - 12,000. **Max Speed** is 15,000 RPM
*Recommended RPM for grit #1200: 6,000 - 8000. **Max Speed** is 12,000 RPM
*Recommended RPM for grit #3000: 5,000 - 8,000. **Max Speed** is 10,000 RPM
*Recommended RPM for grit #6000: 3,000 - 4,000. **Max Speed** is 6,000 RPM

Ceramic Diamond Stones

Excellent for polishing carbide and hardened surfaces, Ceramic Diamond Stones are made from a combination of ceramic fibers and evenly distributed diamond particles and impart a continuous cutting action. They can be used either by hand, in ultrasonic polishers or profilers.



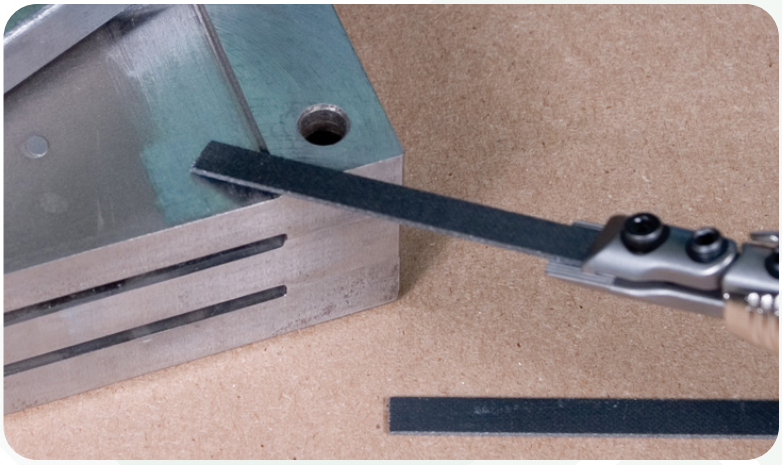
Also available in money saving kits. SEE PAGE 39

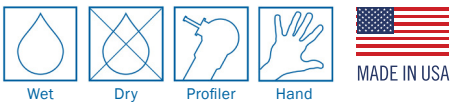


SHAPE DIMENSION (MM)		BLACK 200	BLUE 400	GRAY 800
FLAT	1 x 4 x 100	673110	673210	673335
	1 x 6 x 100	673120	673220	673340
	1 x 10 x 100	673130	673230	673345
ROUND	3 x 50	–	673420	–
	3 x 100	–	673425	–

CNB

Made in the USA from advanced composite, the CNB-80 and CNB-120 are fabricated to provide incredible strength and cutting action. The CNB is an ideal tool for blending welds and mold repairs. The CNB-120 fibers are approximately 30% finer than the CNB-80 fibers.





SHAPE DIMENSION (MM)		80
FLAT	1.2 x 4 x 75	046903
	1.2 x 6 x 75	046917
	1.2 x 10 x 75	046921
	1.2 x 10 x 150	046944

SHAPE DIMENSION (MM)		120
FLAT	0.8 x 4 x 75	046959
	0.8 x 6 x 75	046962
	0.8 x 10 x 75	046973
	0.8 x 10 x 150	046978

Detail Polishing Stone Kits

Detail Stone Kits are the most cost effective way to complete detail polishing jobs. Each kit contains stones in the most popular sizes and grits.





Ceramic Super Stone Kit
1 x 4 x 100mm
Contains one piece of each stone in size 1 x 4 x 100mm, grits 120, 180, 300, 800, and 1000

674644



Ceramic Super Stone Kit
1 x 4 x 100mm
Contains one piece of each stone in size 1 x 4 x 100mm, grits 80, 120, and 180

674675



Ceramic Super Stone Kit
1 x 6 x 100mm
Contains one piece of each stone in size 1 x 6 x 100mm, grits 120, 180, 300, 800, and 1000

674664



Ceramic Super Stone Kit
1 x 6 x 100mm
Contains one piece of each stone in size 1 x 4 x 100mm, grits 80, 120, and 180

674676



Miniature Ceramic Super Stone Kit
0.5 x 0.5 x 50mm
Contains a 0.5mm stone holder and one piece of each stone in size 0.5 x 0.5 x 50mm, grits 120, 300, 600, and 1200

674650



Miniature Ceramic Super Stone Kit
0.7 x 0.7 x 50mm
Contains a 0.7mm stone holder and one piece of each stone in size 0.7 x0.7 x 50mm, grits 120, 300, 600, and 1200

674640



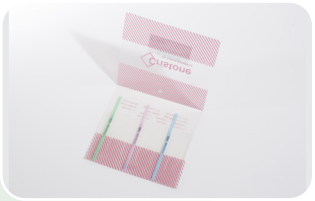
Miniature Ceramic Super Stone Kit
0.9 x 0.9 x 50mm
Contains 0.9mm stone holder and one piece of each stone in size 0.9 x 0.9 x 50mm, grits 120, 300, 600, and 1200

674660



Miniature Ceramic Super Stone Kit
1.4 x 1.4 x 50mm
Contains 1.4mm stone holder and one piece of each stone in size 1.4 x 1.4 x 50mm, grits 120, 300, 600, and 1200

674670



Cristone® 3 Piece Kit
Contains one piece of each stone in size 1 x 4 x 100mm, grits 150, 400, and 800

674620



Cristone® 6 Piece Kit
Contains one piece of each stone in size 1 x 4 x 100mm, grits 150, 200, 400, 600, 800, and 1000

674630



Ceramic Diamond Stone Kit
1 x 4 x 100mm
Contains one piece of each stone in size 1 x 4 x 100mm, grits 200, 400, and 800

674666



Ceramic Diamond Stone Kit
1 x 6 x 100mm
Contains one piece of each stone in size 1 x 6 x 100mm, grits 200, 400, and 800

674665

Sharpening Stones

Used for deburring, sharpening and honing.
Oil treated for quick, non-loading tool sharpening.
All items 6 pieces per box unless otherwise noted.



MADE IN USA

SQUARE SHARPENING FILE

6 pieces per box	
076251	SFA-C42, Coarse (120) Grit, 1/4 x 1/4 x 4"
076253	SFA-C43, Coarse (120) Grit, 3/8 x 3/8 x 4"
076255	SFA-C44, Coarse (120) Grit, 1/2 x 1/2 x 4"
076265	SFA-C65, Coarse (120) Grit, 5/8 x 5/8 x 6"
076280	SFA-M42, Medium (220) Grit, 1/4 x 1/4 x 4"
076285	SFA-M43, Medium (220) Grit, 3/8 x 3/8 x 4"
076290	SFA-M44, Medium (220) Grit, 1/2 x 1/2 x 4"
076300	SFA-M65, Medium (220) Grit, 5/8 x 5/8 x 6"
076315	SFA-F42, Fine (320) Grit, 1/4 x 1/4 x 4"
076320	SFA-F43, Fine (320) Grit, 3/8 x 3/8 x 4"
076325	SFA-F44, Fine (320) Grit, 1/2 x 1/2 x 4"
076335	SFA-F65, Fine (320) Grit, 5/8 x 5/8 x 6"
2 pieces per box	
076275	SFA-C67, Coarse (120) Grit, 1 x 1 x 6"
076310	SFA-M67, Medium (220) Grit, 1 x 1 x 6"
076345	SFA-F67, Fine (320) Grit, 1 x 1 x 6"

TRIANGLE SHARPENING FILE

6 pieces per box	
076455	TFA-C42, Coarse (120) Grit, 1/4 x 4"
076460	TFA-C43, Coarse (120) Grit, 3/8 x 4"
076465	TFA-C44, Coarse (120) Grit, 1/2 x 4"
076490	TFA-M42, Medium (220) Grit, 1/4 x 4"
076495	TFA-M43, Medium (220) Grit, 3/8 x 4"
076500	TFA-M44, Medium (220) Grit, 1/2 x 4"
076525	TFA-F42, Fine (320) Grit, 1/4 x 4"
076530	TFA-F43, Fine (320) Grit, 3/8 x 4"
076535	TFA-F44, Fine (320) Grit, 1/2 x 4"

ROUND SHARPENING FILE

6 pieces per box	
076665	RFA-C42, Coarse (120) Grit, 1/4 x 4"
076667	RFA-C43, Coarse (120) Grit, 3/8 x 4"
076669	RFA-C44, Coarse (120) Grit, 1/2 x 4"
076679	RFA-M42, Medium (220) Grit, 1/4 x 4"
076681	RFA-M43, Medium (220) Grit, 3/8 x 4"
076683	RFA-M44, Medium (220) Grit, 1/2 x 4"
076693	RFA-F42, Fine (320) Grit, 1/4 x 4"
076695	RFA-F43, Fine (320) Grit, 3/8 x 4"
076697	RFA-F44, Fine (320) Grit, 1/2 x 4"

SINGLE GRIT BENCH SHARPENING STONE

6 pieces per box	
076000	SBA-C42, Coarse (120) Grit, 1/4 x 1 x 4"
076005	SBA-C44, Coarse (120) Grit, 1/2 x 1 x 4"
076025	SBA-M42, Medium (220) Grit, 1/4 x 1 x 4"
076030	SBA-M44, Medium (220) Grit, 1/2 x 1 x 4"
076050	SBA-F42, Fine (320) Grit, 1/4 x 1 x 4"
076055	SBA-F44, Fine (320) Grit, 1/2 x 1 x 4"
1 piece per box	
076015	SBA-C67, Coarse (120) Grit, 1 x 2 x 6"
076040	SBA-M67, Medium (220) Grit, 1 x 2 x 6"
076065	SBA-F67, Fine (320) Grit, 1 x 2 x 6"

HALF ROUND SHARPENING FILE

6 pieces per box	
076747	HFA-C43, Coarse (120) Grit, 3/8 x 4"
076754	HFA-M43, Medium (220) Grit, 3/8 x 4"
076761	HFA-F43, Fine (320) Grit, 3/8 x 4"

SHARPENING STONES & FILES

COMBINATION BENCH SHARPENING STONES (GRIT 120/320)	
1 piece per box	
076210	CBA-FC45, Aluminum Oxide, 5/8 x 1-5/8 x 4-1/2"
076220	CBA-FC67, Aluminum Oxide, 1 x 2 x 6"
076225	CBA-FC87, Aluminum Oxide, 1 x 2 x 8"
076235	CBS-FC45, Silicon Carbide, 5/8 x 1-5/8 x 4-1/2"
076245	CBS-FC67, Silicon Carbide, 1 x 2 x 6"
076250	CBS-FC87, Silicon Carbide, 1 x 2 x 8"

KNIFE BLADE SHARPENING STONES (ALUMINUM OXIDE)	
6 pieces per box	
076770	KBA-C41, Coarse (120) Grit, 1/8 x 1 x 4"
076775	KBA-M41, Medium (220) Grit, 1/8 x 1 x 4"
076780	KBA-F41, Fine (320) Grit, 1/8 x 1 x 4"

SHARPENING FILE ASSORTMENT KIT		
Kit includes 1 of each of the following:		
076999	• SBA-F42 Bench • CBA-FC45 Combo • SFA-M42 Square	• TFA-C42 Triangle • RFA-F42 Round • KBA-F41 Knife









Combination Round Knife Stone

This 120/320 grit silicon carbide combination round knife stone is used for deburring, sharpening and honing.



MADE IN USA

CRYSTOLON COMBINATION STONE		
076230	120/320	4 Dia. x 1-1/2"

Round Crystolon Combination Stone

Quickly sharpens & finishes cutting edges. 120/320grit silicon carbide abrasive sharpens & removes stock fast.



MADE IN USA

ROUND CRYSTOLON COMBINATION STONE (SILICON CARBIDE)		
02K-IAF1929	120/320	4 Dia. x 1"

Natural Arkansas Stones

Falcon Tool's Arkansas Files are classic, natural sharpening and finishing stones. They are made of novaculite and are very dense, fine-grained natural stones that are ideal for creating the sharpest edges and the most precise, polished finishes. They are the ultimate finishing stone!



MADE IN USA

NATURAL ARKANSAS STONES		
1 piece per box		
02L-AAF1000	HF13 Arkansas Stone Square	3-3-1/2 x 1/4"
02L-AAF1001	HF33 Arkansas Stone Square	3-3-1/2 x 3/8"
02L-AAF1002	HF43 Arkansas Stone Square	3-3-1/2 x 1/2"
02L-AAF1100	HF113 Arkansas Stone Triangle	3-3-1/2 x 1/4"
02L-AAF1101	HF133 Arkansas Stone Triangle	3-3-1/2 x 3/8"
02L-AAF1102	HF143 Arkansas Stone Triangle	3-3-1/2 x 1/2'
02L-AAF1200	HF813 Arkansas Stone Round	3-3-1/2 x 1/4-5/16'
02L-AAF1201	HF823 Arkansas Stone Flat	3-3-1/2 x 3/8-1/2 x 1/8-3/16"
02L-AAF1202	HF833 Arkansas Stone Bevel	3-3-1/2 x 3/8-1/2 x 1/8-3/16"
02L-AAF1203	HF843 Arkansas Stone Diamond	3-3-1/2 x 1/2 x 3/16-1/4"
02L-AAF1204	HF853 Arkansas Stone Oval	3-3-1/2 x 1/2 x 3/16-1/4"
02L-AAF1205	HF863 Arkansas Stone Point	3-3-1/2 x 1/4" Base
02L-AAF1206	HF873 Arkansas Stone Knife Blade	3-4 x 3/4-1 x 1/8-1/4"
02L-AAF1207	HB14 Ultra Fine Arkansas Stone Pen Knife	4 x 1 x 1/4"









ARKANSAS ENGRAVERS POINT & CHUCK		
02L-AAF1400	Point AT11	1 x 1/8"
02K-IAF2100	Point AT11	N/A

India Abrasive Stones

India stones are made of aluminum oxide abrasive, brown in color. This abrasive is preferred for producing exceptionally keen, long lasting edges, and for high quality steel tool work. India stones are available in coarse, medium and fine grits.

Fine (F)	320 Grit
Medium (M)	240 Grit
Coarse (C)	100 Grit

MADE IN USA



INDIA SQUARE FILES

Ideal for a variety of applications including lapping/honing to close tolerances to produce the finest edge on precision parts, die work & delicate tools.

FF14	02K-IAF1000	4 x 1/4
MF14	02K-IAF1001	4 x 1/4
CF14	02K-IAF1002	4 x 1/4
FF34	02K-IAF1003	4 x 3/8
MF34	02K-IAF1004	4 x 3/8
CF34	02K-IAF1005	4 x 3/8
FF44	02K-IAF1006	4 x 1/2
MF44	02K-IAF1007	4 x 1/2
CF44	02K-IAF1008	4 x 1/2
FF46	02K-IAF1009	6 x 1/2
MF46	02K-IAF1010	6 x 1/2
CF46	02K-IAF1011	6 x 1/2
FF56	02K-IAF1012	6 x 5/8
MF56	02K-IAF1013	6 x 5/8
CF56	02K-IAF1014	6 x 5/8
FF66	02K-IAF1015	6 x 3/4
MF66	02K-IAF1016	6 x 3/4
CF66	02K-IAF1017	6 x 3/4
FF76	02K-IAF1018	6 x 1
MF76	02K-IAF1019	6 x 1
CF76	02K-IAF1020	6 x 1



INDIA THREE SQUARE FILES

Ideal for a variety of deburring, chamfering & radiusing applications. Produces strong, long-lasting edges & uniform finishes.

FF114	02K-IAF1100	4 x 1/4
MF114	02K-IAF1101	4 x 1/4
CF114	02K-IAF1102	4 x 1/4
FF134	02K-IAF1103	4 x 3/8
MF134	02K-IAF1104	4 x 3/8
CF134	02K-IAF1105	4 x 3/8
FF144	02K-IAF1106	4 x 1/2
MF144	02K-IAF1107	4 x 1/2
CF144	02K-IAF1108	4 x 1/2
FF146	02K-IAF1109	6 x 1/2
MF146	02K-IAF1110	6 x 1/2
CF146	02K-IAF1111	6 x 1/2
FF156	02K-IAF1112	6 x 5/8
MF156	02K-IAF1113	6 x 5/8
CF156	02K-IAF1114	6 x 5/8
FF166	02K-IAF1115	6 x 3/4
MF166	02K-IAF1116	6 x 3/4
CF166	02K-IAF1117	6 x 3/4
FF176	02K-IAF1118	6 x 1
MF176	02K-IAF1119	6 x 1
CF176	02K-IAF1120	6 x 1



INDIA ROUND FILES

Ideal for deburring, chamfering, radiusing, lapping, honing, & cleaning radius tools to a burr-free edge.

FF214	02K-IAF1200	4 x 1/4
MF214	02K-IAF1201	4 x 1/4
CF214	02K-IAF1202	4 x 1/4
FF234	02K-IAF1203	4 x 3/8
MF234	02K-IAF1204	4 x 3/8
CF234	02K-IAF1205	4 x 3/8
FF244	02K-IAF1206	4 x 1/2
MF244	02K-IAF1207	4 x 1/2
CF244	02K-IAF1208	4 x 1/2
FF246	02K-IAF1209	6 x 1/2
MF246	02K-IAF1210	6 x 1/2
CF246	02K-IAF1211	6 x 1/2
FF256	02K-IAF1212	6 x 5/8
MF256	02K-IAF1213	6 x 5/8
CF256	02K-IAF1214	6 x 5/8
FF266	02K-IAF1215	6 x 3/4
MF266	02K-IAF1216	6 x 3/4
CF266	02K-IAF1217	6 x 3/4
FF276	02K-IAF1218	6 x 1
MF276	02K-IAF1219	6 x 1
CF276	02K-IAF1220	6 x 1



INDIA TAPER THREE SQUARE FILES

These impart the correct edge in the least amount of time & are used for a variety of deburring, chamfering & radiusing applications.

FF544	02K-IAF1500	4 x 1/2 x 1/4
MF544	02K-IAF1501	4 x 1/2 x 1/4
CF544	02K-IAF1502	4 x 1/2 x 1/4



INDIA DIAMOND FILES

Ideal for cleaning acute angles in dies & molds & stoning geometric chasers. Produces strong, long-lasting edges & uniform finishes.

FT134	02K-IAF1600	4 x 9/16 x 3/16
MT134	02K-IAF1601	4 x 9/16 x 3/16
CT134	02K-IAF1602	4 x 9/16 x 3/16



INDIA TAPER ROUND FILES

Ideal for deburring, chamfering, radiusing, lapping, honing, & cleaning radius tools to a burr-free edge on unique shapes.

FF644	02K-IAF1400	4 x 1/2 x 1/4
MF644	02K-IAF1401	4 x 1/2 x 1/4
CF644	02K-IAF1402	4 x 1/2 x 1/4



INDIA HALF ROUND FILES

Offer both a round & a flat surface & are made for imparting a fine finish on precision machine parts, tools & dies. Designed to produce keen edges & uniform finishes.

FF314	02K-IAF1300	4 x 1/4
MF314	02K-IAF1301	4 x 1/4
CF314	02K-IAF1302	4 x 1/4
FF324	02K-IAF1303	4 x 5/16
MF324	02K-IAF1304	4 x 5/16
CF324	02K-IAF1305	4 x 5/16
FF334	02K-IAF1306	4 x 3/8
MF334	02K-IAF1307	4 x 3/8
CF334	02K-IAF1308	4 x 3/8
FF344	02K-IAF1309	4 x 1/2
MF344	02K-IAF1310	4 x 1/2
CF344	02K-IAF1311	4 x 1/2



INDIA COMBINATION STONES

Produce keen, long-lasting edges with unique combination of coarse & fine grit aluminum oxide. Offers a coarse (120 grit) surface & a fine (320 grit) surface.

IB64	02K-IAF1931	4 Dia. x 1
IB134	02K-IAF1935	4 x 1-3/4 x 5/8
IB6	02K-IAF1928	6 x 2 x 1
IB45	02K-IAF1945	5 x 2 x 3/4
IB8	02K-IAF1943	8 x 2 x 1



INDIA KNIFE BLADES

Quickly sharpen, hone & maintain the edges and points of cutting tools. Also the choice for clock & watchmakers for ability to quickly produce sharp edges & points.

FF724	02K-IAF1800	4 x 1 x 1/8 Back
MF724	02K-IAF1801	4 x 1 x 1/8 Back
CF724	02K-IAF1802	4 x 1 x 1/8 Back



INDIA POINTS

Allows quick cleaning of tight corners & recesses without removing too much material. Ideal for applications requiring close tolerances & accuracy.

FF723	02K-IAF1700	3 x 5/16 Base
MF723	02K-IAF1701	3 x 5/16 Base
CF723	02K-IAF1702	3 x 5/16 Base



INDIA SILVERSMITH'S STONES

Specially shaped for use by silversmiths & mechanics. Ideal for close tolerance lapping & cleaning tools & dies.

FF414	02K-IAF1900	4 x 5/16 x 3/16 x 5/16 x 1/16
MF414	02K-IAF1901	4 x 5/16 x 3/16 x 5/16 x 1/16
CF414	02K-IAF1902	4 x 5/16 x 3/16 x 5/16 x 1/16
FF424	02K-IAF1903	4 x 3/8 x 3/16 x 1/8 x 1/16
MF424	02K-IAF1904	4 x 3/8 x 3/16 x 1/8 x 1/16
CF424	02K-IAF1905	4 x 3/8 x 3/16 x 1/8 x 1/16
FF433	02K-IAF1906	3-1/2 x 7/16 x 3/16
MF433	02K-IAF1907	3-1/2 x 7/16 x 3/16
CF433	02K-IAF1908	3-1/2 x 7/16 x 3/16
FF434	02K-IAF1909	4 x 7/16 x 3/16 x 1/8
MF434	02K-IAF1910	4 x 7/16 x 3/16 x 1/8
CF434	02K-IAF1911	4 x 7/16 x 3/16 x 1/8
FF444	02K-IAF1912	4 x 1/2 x 1/16
MF444	02K-IAF1913	4 x 1/2 x 1/16
CF444	02K-IAF1914	4 x 1/2 x 1/16
FF454	02K-IAF1915	4 x 1/2 x 3/16 x 3/16 x 1/16
MF454	02K-IAF1916	4 x 1/2 x 3/16 x 3/16 x 1/16
CF454	02K-IAF1917	4 x 1/2 x 3/16 x 3/16 x 1/16
FF464	02K-IAF1918	4 x 1/2 x 1/4 x 5/16 x 1/8
MF464	02K-IAF1919	4 x 1/2 x 1/4 x 5/16 x 1/8
CF464	02K-IAF1920	4 x 1/2 x 1/4 x 5/16 x 1/8
FF474	02K-IAF1921	4 x 1/2 x 1/4 x 5/16 x 1/8
MF474	02K-IAF1922	4 x 1/2 x 1/4 x 5/16 x 1/8
CF474	02K-IAF1923	4 x 1/2 x 1/4 x 5/16 x 1/8



INDIA BENCH STONES

Produce a strong, long-lasting edge on all types of knives, plane blades, chisels, & more. Ideal for hand dimensioning & sharpening of tools requiring a flat, sharp edge.

CB14	02K-IAF1939	4 x 1 x 1/4
MB14	02K-IAF1925	4 x 1 x 1/4
FB14	02K-IAF1934	4 x 1 x 1/4
CB24	02K-IAF1938	4 x 1 x 1/2
MB24	02K-IAF1926	4 x 1 x 1/2
FB24	02K-IAF1937	4 x 1 x 1/2
MB6	02K-IAF1936	6 x 2 x 1
FB8	02K-IAF1940	8 x 2 x 1
MB8	02K-IAF1941	8 x 2 x 1
CB8	02K-IAF1942	8 x 2 x 1

INDIA ROUND EDGE SLIPS

Precision tools designed to maintain their shape while achieving a uniform finish. Quickly produces strong, keen long-lasting edges & quality finishes.

MS24	02K-IAF1932	4-1/2 x 1-3/4 x 1/4 x 1/16
FS24	02K-IAF1933	4-1/2 x 1-3/4 x 1/4 x 1/16
CS34	02K-IAF1948	4-1/2 x 1-3/4 x 3/8 x 1/8
FS34	02K-IAF1944	4-1/2 x 1-3/4 x 3/8 x 1/8
MS44	02K-IAF1930	4-1/2 x 1-3/4 x 1/2 x 3/16
FS44	02K-IAF1927	4-1/2 x 1-3/4 x 1/2 x 3/16



INDIA REAMER STONES

Shaped to impart a professional edge on reamers & taps. Durable & fast cutting, they deliver a fine finish & long-lasting edge.

MT123	02K-IAF1946	3-1/2 x 3/4 x 3
MT124	02K-IAF1924	4-1/2 x 1 x 5/16
FT124	02K-IAF1947	4-1/2 x 1 x 5/16
MT125	02K-IAF1950	5 x 1 x 3/16

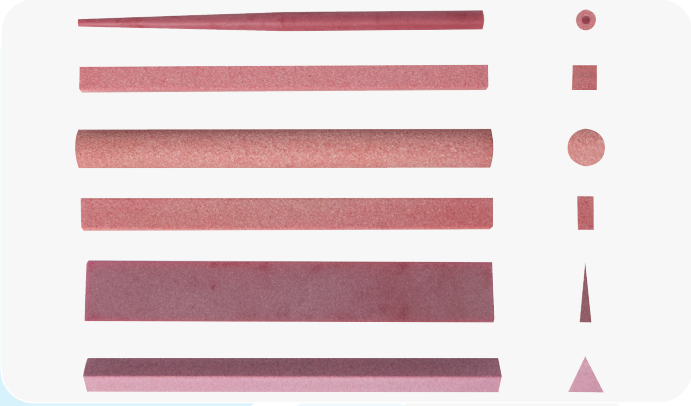
Ruby Degussit Abrasive Stones

Ruby Degussit Abrasive Stones, Midget Stones, and Whetstones are manufactured from pure, synthetic polycrystalline ruby, delivering unmatched hardness and performance without the use of bonding agents. Their highly sintered aluminum oxide structure provides exceptional wear resistance, allowing users to work even the hardest materials efficiently. The result is superior surface finishes on machined parts and extended tool life in demanding applications.

Available in a wide range of sizes and shapes, these versatile tools are ideal for precision sharpening, polishing, deburring, and fine grinding. Commonly used on hardened steel as well as abrasive materials such as glass, quartz, and ceramics, they are a go-to solution for tool, die, and mold makers. Midget Stones are especially effective for finishing holes, slots, and intricate forms. Suitable for both wet and dry use, Ruby Degussit Stones offer consistent, reliable performance across a variety of detailed finishing applications.

DEGUSSIT ABRASIVE FILES

	Approximate Dimensions	Course	Medium	Fine
THREE SQUARE	4 x 5/16	–	02J-DEG1004	02J-DEG1005
SQAURE	4 x 1/4	02J-DEG1013	–	–
	4-3/4 x 1/2	–	02J-DEG1021	–
RECTANGULAR	4 x 1/4 x 1/8	–	02J-DEG1023	
	4 x 5/16 x 1/4	02J-DEG1025	–	–
ROUND (One End Tapered)	4 x 3/16 x 3/32	–	–	02J-DEG1032
ROUND	4 x 3/16	–	–	02J-DEG1035
KNIFE	4 x 5/8 x 1/8	–	02J-DEG1044	–



Different shapes and sizes available upon request.



WHETSTONES

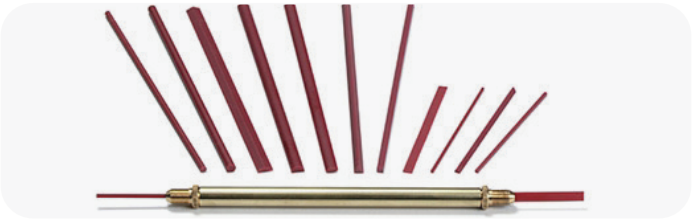
	Approximate Dimensions	Course	Medium	Fine
RECTANGULAR	4 x 1 x 3/8	–	02J-DEG1101	02J-DEG1102



RUBY DEGUSSIT MIDGET STONES

SQUARE	02J-DEG1200	1 x 50mm
ROUND	02J-DEG1201	1 x 50mm
3-SQUARE	02J-DEG1202	2 x 50mm
SQUARE	02J-DEG1203	2 x 100mm
ROUND	02J-DEG1204	2 x 100mm
ROUND	02J-DEG1210	3 x 100mm
RECTANGULAR	02J-DEG1205	3 x 0.3mm
HALF-ROUND	02J-DEG1206	4 x 2mm
BARRETTE	02J-DEG1207	5 x 1.5mm
CROSSING	02J-DEG1208	4 x 1.5mm
TRIANGULAR	02J-DEG1209	3 x 100mm
COMPLETE KIT	02J-DEG9000	

Ruby Degussit Midget Stones Complete Kit includes one of each of the 11 files listed above, all in fine grit, one holder and two collets.



Gunsmith Kits

Our Gunsmith Kits offer high quality abrasive polishing stones designed for cutting sear angles, truing hammer hooks, dressing trigger ways, cleaning slots, shaping & contouring and general use.



MADE IN USA



Gunsmith Action Kit
028964

Kit includes one each of:

For cutting sear angles and truing the hammer hooks:
- 1/4 x 1/2 x 6, AM-8, 400 grit
- 1/4 x 1/2 x 6, AM-8, 600 grit
- 1/4 x 1/2 x 6, 900-F, 900 grit
- 1/4 x 6 Triangle, 900-F, 900 grit

For dressing trigger ways/cleaning slots:
- 1/8 x 1/2 x 6, Golden Star, 150 grit
- 1/8 x 1/2 x 6, Golden Star, 220 grit
- 1/8 x 1/2 x 6, Golden Star, 320 grit
- 1/8 x 1/2 x 6, Golden Star, 600 grit
- 1/4 x 6 Triangle, Golden Star, 800 grit



Pro Pistolsmithing Kit
028966

Kit includes one each of:

For cutting sear angles and truing hammer hooks:
- 1/4 x 1/2 x 6, AM-8, 400 and 600 grit, 900-F 900 grit
- 1/4 x 6 Triangle, 900-F, 900 grit and Golden Star 800

For dressing trigger ways and cleaning slots:
- 1/8 x 1/2 x 6, Golden Star, 150, 220, 320 and 600 grit

For shaping and contouring (fast breakdown):
- 1/8 x 1/2 x 6, CS-M, 150 and 220 grit
- 1/8 x 1/2 x 6, CS-HD, 320 grit

For general use:
- 1/4 x 1/2 x 6, AM-8, 180 and 320 grit, Golden Star 400 grit
- 1/16 x 1/2 x 6, AM-8, 220 and 400 grit
- 3/8 Round, AM-8, 320 grit



All Purpose Gunsmith Kit
028951

Kit includes one each of:
- 1/16 x 1/2 x 6, AS-9, 220 grit
- 1/16 x 1/2 x 6, AS-9, 400 grit
- 1/8 x 1/4 x 6, AS-9, 220 grit
- 1/8 x 1/4 x 6, AS-9, 400 grit
- 1/8 x 1/4 x 6, AS-9, 600 grit
- 1/4 x 1x 6, AS-9, 220 grit
- 1/4 x 1x 6, AS-9, 400 grit
- 1/2 x 1/2 x 6, AS-9, 220 grit
- 1/2 x 1/2 x 6, AS-9, 440 grit
- 1/2 x 1/2 x 6, AS-9, 600 grit
- 1/2 x 1x 6, T2, 200 grit
- 3/8 x 6 Triangle, T2, 220 grit
- 3/8 x 6 Triangle, T2, 400 grit
- 1/4 x 5/16 x 6, T2, 320 grit
- 1/4 x 5/16x 6, T2, 600 grit
- 3/32 x 1/4x 6, T2, 220 grit
- 3/32 x 1/4x 6, T2, 400 grit
- 3/32 x 1/4 x 6, T2, 600 grit
- Stone Holder (1/8 x 1/4, 1/4 x 1/4, 1/8 x 1/2)
- Stone Holder (1/16 x 1/4, 1/16 x 1/2)
- Premium Stoning Oil (pint)

Beginner's Polishing Bundle

Complete solution to achieve a professional 600 grit finish on your mold or die.

The Beginner's Polishing Bundle was designed specifically with the beginner polisher in mind. It includes the essential tools and supplies to streamline your polishing process, allowing you to achieve a 600 grit finish. Also ideal for experienced polishers who want to round out their toolbox with a conveniently packaged bundle of high-quality polishing products and equipment.



BUNDLE INCLUDES:

PRODUCT	ITEM #	DESCRIPTION
U-LAP 70 Profiler	U-LAP 70	Air operated reciprocating profiler with a 0.7mm stroke length, 35,000 RPM.
AM-2 Standard Kit	028956	Bundle includes one 1/8 x 1/2 x 6" stone in each of the following grits: 150, 220, 320, 400, 600
AS-9 Standard Kit	028954	Bundle includes one 1/8 x 1/2 x 6" stone in each of the following grits: 150, 220, 320, 400, 600
Golden Star Standard Kit	028993	Bundle includes one 1/8 x 1/2 x 6" stone in each of the following grits: 150, 220, 320, 400, 600
CS-HD Standard Kit	028969	Bundle includes one 1/8 x 1/2 x 6" stone in each of the following grits: 150, 220, 320, 400, 600
Ceramic Stone Kit 1 x 4	674644	Bundle includes one of each of the following stones in size 1x4x100mm: • 120 Grit / Green • 180 Grit / Gold • 300 Grit / Light Brown • 800 Grit / Blue • 1000 Grit / White
Stoning Oil Pint	336040	Petroleum based lubricant
Hand Holder	029910	Holder for 1/8 x 1/4, 1/4 x 1/4 and 1/8 x 1/2 sizes
Ceramic Stone Holder	029930	Hold 4mm detail stones



Mold Repair Starter Kit

This convenient, all-in-one mold repair & polishing kit includes a variety of our most popular products to get you from start to final finish. Perfect for beginner polishers and expert polishers alike, the Mold Repair Starter Kit comes in a portable lightweight plastic case that can be carried directly to the mold for instant repair or neatly stored at your workstation.



Standard Item # 90800 | Metric Item # 90801

Mold Polishing Stones & Holder

(1) 027910 - AM-2 All Grit Kit in 1/8 x 1/2
(1) 027919 - AS-9 All Grit Kit in 1/8 x 1/2
(1) 027917 - CS-M All Grit Kit in 1/8 x 1/2
(1) 029910 - Stone Hand Holder

Diamond Compound (all medium, 2gm)

(1) 331131 - Mold Makers Diamond #15 Blue
(1) 331113 - Mold Makers Diamond #9 Green
(1) 331053 - Mold Makers Diamond #3 Yellow

Mounted Points (1/8" # / 3mm #)

(3) 209783 / 209733 - B97 Blue, 1/8 x 3/8
(3) 204483 / 204433 - B44 Blue, 7/32 x 3/8
(3) 216381 / 216331 - W163 Red, 1/4 x 1/2
(3) 212381 / 212331 - B123 Red, 3/16 x 3/16

Woodsticks & Accessories

(5) 90311 - 1/4 x 1/4 x 6 Bevel, Soft
(5) 90310 - 1/8 x 1/4 x 6 Bevel, Soft
(1) 90494 - 3/16 x 6 Round, Rockwood
(1) 93082 - Green Belt Stick, 1/4 x 6, 320 Grit
(1) 336050 - Premium Stoning Oil (2oz)
(1) 332002 - Simichrome Polish, 50gm Tube

Brushes & Felt (1/8" Mandrel # / 3mm Mandrel #)

(3) 08W-BRU1600 / 08W-BRU1606
End Brush, .003 Steel, 1/4 x 3/16
(3) 08W-BRU2000 / 08W-BRU2002
Cup Brush, Hard, 1/4 x 9/16
(3) 08W-BRU1100 / 08W-BRU1104
End Brush, Hard, 1/4 x 3/16
(3) 08V-MFB1023 / 08V-MFB1025
Felt Bob, 1/4 x 3/8 Cylinder, Hard
(3) 90358 / 08V-MFB1026
Felt Bob, 3/8 x 1/2 Cone, Hard
(3) 08U-FLT5013 / 08U-FLT5015
Felt Stick, 1/4 Sq x 1 1/2, Hard



Handheld Stone Holders

These stone holders are for polishing with BORIDE Mold Polishing Stones by hand.







Handheld Stone Holder
029910
For 1/8" x 1/4", 1/4" x 1/4" and 1/8" x 1/2" stones



Handheld Stone Holder
029912
For 1/4" x 1/4" and 1/4" x 1/2" stones



Handheld Round Stone Holder
029913
For 3/8" and 1/4" round stones



Handheld Stone Holder
029914
For 1/16" x 1/4" and 1/16" x 1/2" stones



Handheld Stone Holder Kit
029915
Kit Includes: 029910, 029912, 029913, 029914



Handheld Pencil Stone Holder
02Z-MSC100
For 5/32" x 5/32" and 1/4" x 1/4" stones



Handheld Round Stone Holder
02Z-MSC1200
For 1/16", 1/8", and 1/4" round sizes

Profile Stone Holders

These stone holders are for use in a profiler with BORIDE Mold Polishing Stones.





Profiler Stone Holder
029923
Vice clamp, 3/16" shank



Profiler Stone Holder
029924
Vice clamp, 1/8" shank



Profiler Stone Holder
029960
1/4" stone, long, 3/16" shank



Profiler Stone Holder
029963
1/4" stone, short, 3/16" shank



Profiler Stone Holder
029967
1/8" stone, short, 3/16" shank



Replacement Ring
029958
Large brass replacement ring



Profiler Stone Holder
029916
3/16" shank - for 1/8" x 1/4" stones



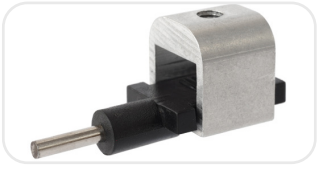
Profiler Stone Holder
029917
3/16" shank - for 1/8" x 1/2", and 1/4" x 1/4" stones



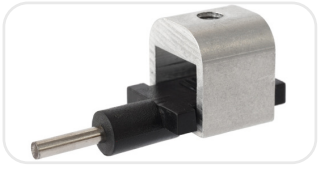
Profiler Stone Holder
029918
1/8" shank - for 1/8" x 1/4" stones



Profiler Stone Holder
029919
1/8" shank - for 1/8" x 1/2", and 1/4" x 1/4" stones



Profiler Stone Holder
029968
1/8" shank - for 1/4" x 1/2" stones



Profiler Stone Holder
029970
1/8" shank - for 1/8" x 1/2" stones

Detail Stone Holders

These stone holders are for hand polishing with Cristones®, Ceramic Super Stones, Ceramic Diamond Stones and CNB. A must for good control during the polishing process.





Round Detail Stone Holder
029925
Holds 3mm round detail stones



Detail Stone Holder
029941
Holds 1mm detail stones



Detail Stone Holder
029900
Holds 2mm detail stones



Detail Stone Holder
029930
Holds 4mm detail stones



Detail Stone Holder
029935
Holds 6mm detail stones



Detail Stone Holder
029940
Holds 8-10mm detail stones

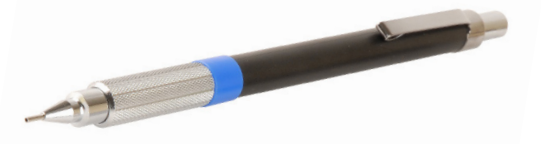


Detail Stone Holder Kit
029945
Set of three holders for 2, 4, 6, 8 & 10mm detail stones

Miniature Ceramic Super Stone Holders

These stone holders are for hand polishing with Miniature Ceramic Super Stones. A must for good control during the polishing process.





Miniature Ceramic Super Stone Holder
029946
Holds 0.5 x 0.5mm Miniature Ceramic Super Stones



Miniature Ceramic Super Stone Holder
029947
Holds 0.7 x 0.7mm Miniature Ceramic Super Stones



Miniature Ceramic Super Stone Holder
029948
Holds 0.9 x 0.9mm Miniature Ceramic Super Stones



Miniature Ceramic Super Stone Holder
029949
Holds 1.4 x 1.4mm Miniature Ceramic Super Stones

Air Profilers

Air Profilers are the perfect tools for a wide variety of fine detail polishing, filing, lapping, and honing applications. Available in two unique models, Turbo-Laps and U-LAPs, these air operated reciprocating profilers provide excellent performance with BORIDE Polishing Stones, Ceramic Super Stones, Cristones®, Ceramic Diamond Stones, CNB, and Diamond Files.

Turbo-Lap Profilers should be used at 80 psi or a maximum of 85 psi with clean, dry air. Lubrication is not needed.

U-LAPs require a connection to an air filter, regulator, lubricator such as our 3-in-1 Filter, Regulator, Lubricator system (item MFRL2-G). Adjust the air pressure to a maximum of 85 psi for proper use.





Turbo-Lap Profiler-Linear
TLL-03
Stroke 0.3mm / 52,000 RPM



Turbo-Lap Profiler-Linear
TLL-07
Stroke 0.7mm-.027mm / 28,000 RPM



Turbo-Lap Profiler-Swing
TLS-12
Stroke 1.5mm
3mm Left to Right and 1.2mm Linear
12,000 strokes per minute / 14,000 RPM



U-LAP 30 Profiler
U-LAP 30
0.3mm stroke length / 40,000 RPM



U-LAP 70 Profiler
U-LAP 70
0.7mm stroke length / 35,000 RPM



U-LAP 120 Profiler
U-LAP 120
1.2mm stroke length / 12,000 RPM



U-LAP 300 Profiler
U-LAP 300
3.0mm stroke length / 10,000 RPM

3-in-1
MFRL2-G
This 3-in-1 filter, regulator and lubricator trio can be used with any of our air operated profilers.



Profiler Repair Parts
Popular repair parts for U-Lap and Turbo-Lap Profilers



ITEM#	DESCRIPTION	ITEM#	DESCRIPTION	ITEM#	DESCRIPTION
50000	AIR HOSE SET U-LAP 30/70 H-A	50035	BEARING U-LAP30/70-18	50236	B-GRIP
50001	MUFFLER PIPE U-LAP 30/70 H-C	50042	SWITCH BODY U-LAP30/70	50243	END CAP FOR 07 (RED)
50004	SET SCREWS (2PK) U-LAP 30/70	50044	PROFILER, O-RING U-LAP 30/70-S3	50256	HEX WRENCH
50005	3MM TIP HOLDER U-LAP 30/70	50045	PROFILER, O-RING U-LAP 30/70-S4	50257	SUPER COLLET
50007	O-RING U-LAP 30/70-3A	50047	3.2MM SLOT HOLDER U-LAP 30/70	50274	TURBINE ASSY FOR 07
50014	SLIDING BUSHING U-LAP 30/70	50048	1 MM SLOT HOLDER U-LAP 30/70	50294	CONNECTING ROD FOR LINEAR
50019	MAINSHAFT U-LAP 30/70	50049	3MM ADJUSTABLE HOLDER	50303	BEARING CASE ASSY /TLL-07
50022	BEARING U-LAP 30/70-9	50050	BUSHING/FIX BALL U-LAP 30/70	50323	BUSHING U-LAP-120/300
50072	PLASTIC CRANK SET U-LAP 30/70	50055	HEX SCREW M3 X L10 (10PK) TLL-07	50324	O - RING U-LAP-300/120
50028	BEARING U-LAP - 70 -14	50120	S 5 O-RING	50328	MAIN SHAFT SET U-LAP-120/300
50031	O-RING U-LAP 30/70 - 16	50123	O-RING-S	50337	SWITCH BODY U-LAP-120/300
50032	AIRHOSE 1.5 M & BAND				

Air Grinders

Excellent, cost-effective tools that are perfect for a variety of applications including precision grinding, polishing and finishing. These tools provide low noise, low vibration and excellent performance with Mounted Points, Carbide Burs, MX Finishing Wheels, Miniature Brushes, mounted Felts and more.





MSG-32BSN
Straight pencil type with 1/8" collet 65,000 RPM



MSG-3BSN
Straight pencil type with 3mm collet 65,000 RPM



MAG-121N1/8
120° angle air grinder with 1/8" collet, 48,000 RPM



MAG-122N
120° angle air grinder
35,000 RPM



MAG-123N
120° angle air grinder
23,500 RPM



MAG-093N
90° angle air grinder
23,500 RPM



High Torque Air Grinder
HTSG-3S – 3mm Collet
HTSG-32S – 1/8" Collet
Rotational speed is limited to 24,000 RPM providing a stable torque with constant grinding performance under load, making it the ideal grinder for mounted abrasives with low maximum RPM speed requirements. Designed to be highly effective in deburring and die polishing.

Diprofil® Di-Profilers

For more than 65 years, Diprofil® Di-Profiling Machines have been the preferred choice for tool and mold makers worldwide. Their wide variety of handheld reciprocating polishing and filing machines are manufactured to the highest possible quality standards with ergonomics and the operator's well-being in mind. The Classic machine, with its rigid and ergonomic design, facilitates any filing, lapping, honing or polishing application. With their reciprocating (back and forth) movement, the Classic machines are an excellent alternative and complement to rotary handpieces.

The most popular Di-Profiler is the Classic FPH/R which is driven by an electrical motor with speed control and a flexible shaft with a ball-joint, square-hole connection. Other models and connections are available by request. Contact us for more information on Diprofil's full line of reciprocating polishing machines.



Spare parts are available.
Visit our website or contact us for a parts list.



FPH/R Di-Profiler
09G-DPF2000
Diprofil® Di-Profiling Machine · Heavy Duty Profiler · Flexible Shaft Driven
The Classic FPH/R is a world-wide best seller and the most popular Diprofil® Di-Profiling Machine. This reciprocating tool is used for light and/or heavy-duty filing, honing, deburring, lapping, polishing, reworking hardened materials, finishing complicated dies and molds, and other similar jobs. It is driven by an electrical motor with speed control and flexible shaft with a ball-joint, square-hole connection. Corresponding motors of other brands may be used – We recommend Foredom Flexible Shaft Motors.

TECHNICAL DATA	FPH/R DI-PROFILER
• Maximum Speed: 8,000 strokes per minute	(1) Bottle of Lubricating Oil (FNA-K)
• Recommended Speed: 5,000 - 6,000 strokes per minute	(1) 3mm Allen Key
• Stroke Length: Adjustable 0 - 6mm	(1) 2.5mm Allen Key
• Recommended Stroke Length: 0.5 - 3mm	(1) FXA-104 Tool Holder Extension Pipe
• Holds up to 1/4" Shank Tools	(2) FXA-106 Spare Lubricating Felts
Features:	(2) FXA-103 Spare Guide Bushings
• Made in Sweden since 1950	(2) 42055 Spare Tool Locking Screws
• Very simple handling/operation, improved ergonomic	(1) SGX-100 Maintenance Tool
• Adjustable stroke length 0" – 1/4"	(1) SGX-101 Maintenance Tool
• Completely versatile, parts are easily interchangeable	

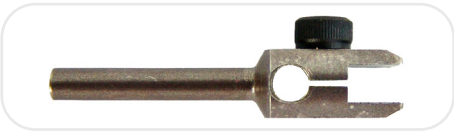


FPH/R Di-Profiler complete set
09G-DPF2001
Everything you need to run your FPH/R Di-Profiler. Includes the following:
- FPH/R Heavy Duty Di-Profiler
- Foredom SR Motor
- FCT-1 Foot Control
- #93S Square Drive Inner Cable
- #77 Outer Sheath

Sets may be assembled with other motors and controls if preferred. Visit our website borideabrasives.com or contact Customer Service for more information and for a list repair parts.



Stone Holders for Di-Profiler
09G-DPF3006
Holds 1mm stones w/3mm shank



Stone Holders for Di-Profiler
09G-DPF3007
Holds 3mm stones w/3mm shank



Stone Holders for Di-Profiler
09G-DPF3008
Holds 6mm stones w/3mm shank

Foredom Flexible Shaft Motors

Foredom is the leading manufacturer of flexible shaft rotary power tools in the world setting the standard for quality, power, and performance. Foredom flexible shaft machines are built to industrial standards and are used for many jobs including grinding, deburring, carving, engraving, and polishing on virtually any material. These tools are known to last for decades! Machine shop operators, engineers, designers, and manufacturers choose Foredom.

A complete Foredom flexible shaft machine has a motor that rotates a flexible shaft connected to a precision handpiece, plus – it needs a speed control adjustable by foot or hand. Choose between the SR, LX and TX Series Motors based on your application. All Foredom motor and speed control combinations come with a 2 year limited warranty.



Foredom Flexible Shaft Machine • SR

1/6 HP Series SR Motor

The Foredom Series SR has all the features most people need and want in a flexible shaft motor - it's your best choice for most of the work a flex shaft can do.

Powerful: The 1/6 HP, ball bearing Series SR motor runs up to 18,000 RPM with the power needed to accomplish most jobs on nearly any material – without stalling or slowing down while under normal load.

Reversible: For symmetry, left-handed users and maximizing longevity and usefulness of many rotary accessories. Not all rotary tools can run in reverse.











MOTORS	
09E-FRM3310	SR Hang-Up Motor Set (includes standard shaft and sheath; speed control of choice, purchased separately)
09E-FRM3301	SR Hang-Up Motor (motor only)
09E-FRM3302	SR Bench Motor (motor only)
09E-FRM3303	SR Bench Model w/ Built-In Speed Control Set (includes motor, stand, sheath and cable)
09E-FRM3309	SR Bench Model Set (includes motor, stand, sheath and cable; speed control of choice, purchased separately)
SPEED CONTROLS	
09F-MTA1100	FCT-1 Heavy-duty plastic housing foot control.
09F-MTA1102	SCT-1 Heavy cast iron metal housing foot control covered with non-skid material.
09F-MTA1105	EM-1 Electronic manual control has a dial speed control.
INNER CABLES & OUTER SHEATH	
09F-MTA1000	#93 Inner Cable is standard inner cable that is used with Foredom Handpieces
09F-MTA1009	#93S Inner Cable is a square end inner cable that is used with the FPH/R Die Profiler
09F-MTA1001	#77 Outer Sheath
ACCESSORIES	
09F-MTA1204	UA111P Motor Connector
09F-MTA1215	#132P Pair of Motor Brushes for SR Motor

FOREDOM EQUIPMENT

Spare parts are available.
Visit our website or contact us for a parts list.

Foredom Flexible Shaft Machine • LX

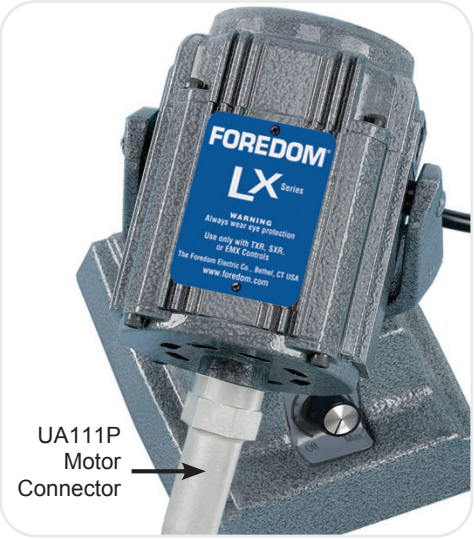
Series LX High Torque/Low Speed (up to 5,000 RPM)

The Foredom Series LX has the most power at startup to 5,000 RPMs – it's maximum speed.

Powerful: The 1/10 HP, ball bearing LX motor is a permanent magnet DC motor with advanced rare earth magnets in place of wire wound fields in other motors. It is Foredom's most powerful motor with better low-speed torque than either the SR or TX. The LX motor's maximum speed is 5,000 RPM. Ideal for low-speed jobs like stone setting, wax modeling, drilling and chisel carving.

Shafting: Series LX motors use standard length shafts and more flexible neoprene sheaths.

Speed Controls: All Series LX motors must be used with the speed controls listed below. These controls have the same housing as other Foredom speed controls, but they convert AC current from an electrical outlet to DC current required by Series LX motors. These controls have a different style plug that is made to fit the motor's shielded-type plug. Damage will result if the motor is connected to any other speed control.









MOTORS	
09E-FRM8309	LX Hang-Up Motor Set (includes standard shaft and sheath; speed control choice, purchased separately)
09E-FRM8300	LX Hang-Up Motor (motor only)
SPEED CONTROLS	
09F-MTA1112	TXR-1 Heavy-duty plastic housing foot control
09F-MTA1102	SCT-1 Heavy cast iron metal housing foot control
09F-MTA1114	EMX-1 Electronic manual control has a dial speed control
INNER CABLES & OUTER SHEATH	
09F-MTA1000	#93 Inner Cable is the standard inner cable that is used with Foredom Handpieces
09F-MTA1009	#93S Inner Cable is a square end inner cable that is used with FPH/R Die Profiler
09F-MTA1010	#77N Neoprene Outer Sheath
ACCESSORIES	
09F-MTA1204	UA111P Motor Connector
09F-MTA1214	#319P Pair of Motor Brushes for LX Motor

Foredom Flexible Shaft Machine • TX

Series TX 1/3 HP High Torque at All Speeds

The Foredom Series TX has extra power and torque for the most demanding work.

Powerful: The 1/3 HP, ball bearing TX motors deliver excellent field strength throughout the speed range of 500 – 15,000 RPM with great control of the cutting tool, drill, or bur under load. This permanent magnet DC motor has advanced rare earth magnets in place of wire wound fields found in other motors. Made for hogging out large quantities of wood or porting engines.

Speed Controls: All Series TX motors must be used with the speed controls listed below. They are similar in appearance to the others in our line but have TX specific electronics for smoother acceleration and extra control of the tool.

MOTORS	
09E-FRM7011	TX Hang-Up Motor Set (includes standard shaft and sheath; speed control of choice, purchased separately)
09F-FRM7000	TX Hang-Up Motor (motor only)
SPEED CONTROLS	
09F-MTA1112	TXR-1 Heavy-duty plastic housing foot control
09F-MTA1113	SCT-1 SXR-1 Heavy cast iron metal housing foot control
09F-MTA1114	EMX-1 Electronic manual control has dial speed control
INNER CABLES & OUTER SHEATH	
09F-MTA1000	#93 Inner Cable is the standard inner cable that is used will Foredom Handpieces
09F-MTA1009	#93S Inner Cable is a square end inner cable that is used with the FPH/R Die Profiler
09F-MTA1001	#77 Outer Sheath
ACCESSORIES	
09F-MTA1204	UA111P Motor Connector
09F-MTA1214	#319P Pair of Motor Brushes









BORIDE Engineered Abrasives

FLEX SHAFT MOTOR FEATURES & SPECIFICATIONS

	Series SR	Series TX	Series LX
Performance	Most popular motor has the power and speed needed for most jobs without stalling or slowing down while under normal load. Runs in both Forward and Reverse.	Extra power / torque for the most demanding work– hogging out large quantities of wood or porting engines. Offers excellent control of the cutting tool, drill, or bur under load.	Most powerful at low speeds (max speed is 5,000 RPM) even more than Se- ries TX at the low end. Ideal for low speed jobs: stone setting, wax modeling, drilling and chisel carving.
Horsepower*	1/6 HP*	1/3 HP*	1/10 HP*
Maximum Speed	18,000 RPM	15,000 RPM	5,000 RPM
Rotation	Forward & Reverse	Forward	Forward
Ball Bearing Motor Type	Universal	Permanent Magnet	Permanent Magnet
Compatible Speed Controls	115V: C.FCT-1, C.SCT-1, C.EM-1, C.EMF-1 230V: C.FCH-2, C.SCH-2, C.EMH-2, C. EMHF-2, C.FCT-21CE, C.FCT-22CE	115V ONLY C.TXR-1, C.SXR-1, C.EMX-1,C.EMXF-1	115V: C.TXR-1, C.SXR-1, C.EMX-1 230V: C.TXR-2, C.SXR-2, C.EMX-2
Voltage‡	115V & 230V Single Phase‡	115V ONLY Single Phase	115V & 230V Single Phase‡
Amp/Watt	115V: 1.7 Amp ac 230V: .9 Amp ac 125 Watt	115V: 3.5 Amp ac 250 Watt	115V: 1.2 Amp ac 230V: .6 Amp ac 75 Watt
Noise Level	68 Decibels	68 Decibels	68 Decibels

*** Horsepower:** Foredom motors are rated at continuous duty or maximum efficiency under load and NOT maximum output. If we adopted the maximum output rating used by other manufacturers, Series SR motors would qualify as 1/5 HP or 1/4 HP, Series TX would be considered 1/2 HP, and all of our other motors would have higher horsepower ratings.

‡Voltage: 110-120V vs. 220-240V–The performance of 115V & 230V machines in this catalog are identical. 230V machines are solely intended for use in areas where 110V – 120V power is not available.

Foredom Handpieces



No. 8 Foredom Handpiece

09C-FRH1300

Slim design for fine, detailed work. Collet-style handpiece with slim design for fine, detailed work. Great for narrow areas or smaller hands. It's chuck guard sleeve protects fingers when working close and slides back when changing collets and accessories. Pre-lubricated ball bearings require no maintenance.

Comes with 3/32" installed and 1/8" collets, and a set of chuck wrenches.



No. 28 Foredom Handpiece

09C-FRH2400

Slender handpiece with a comfortable design. Collet-style, slender handpiece with a comfortable design. It is a narrow version of the 44T handpiece and is great for narrow areas or smaller hands. Tapered grip and pre-lubricated ball bearings that do not require any additional lubrication. Comes with 3/32" and 1/8" collets, pin and chuck wrench for changing collets and accessories.



No. 30 Foredom Handpiece

09C-FRH2500

Most popular handpiece for general use and should be used with a key tip shaft only. Its geared 3-jaw chuck takes any size accessory shank or drill bit up to 5/32" in diameter. Pre-lubricated ball bearings require no maintenance.

Comes with a HPCK-O Chuck Key in a molded plastic handle for changing accessories (replacement chuck item 09D-FRP1210).



No. 44T Foredom Handpiece

09C-FRH2800

Collet-style handpiece that accepts accessories with up to 1/4″ diameter shanks. Should be used with a key tip shaft only. Tapered grip handpiece similar to the popular No. 30 except that it has a collet-style chuck adaptable to larger accessories. Pre-lubricated ball bearings require no additional lubrication.

Comes with 3/32″, 1/8″ and 1/4″ collets, pin and wrench for changing collets and accessories.

Collets for Foredom Handpieces



Collets for use with Handpiece 44T

FOREDOM NO.	ORDER NO.	SIZE
442	09C-FRH5442	3/32”
443	09C-FRH5443	1/8”
444	09C-FRH5444	5/32”
445	09C-FRH5445	3/16”
447	09C-FRH5447	1/4”
448	09C-FRH5448	3mm
449	09C-FRH5449	6mm

Collets for use with Handpieces 8, 8D & 5

FOREDOM NO.	ORDER NO.	SIZE
602	09C-FRH5602	1/16”
603	09C-FRH5603	3/32”
604	09C-FRH5604	1/8”
605	09C-FRH5605	3mm
447	09C-FRH5447	1/4”

600 Collet Set

Set of 1 of Foredom No. 602, 603, 604 and 605 for use with 8, 8D, and 5 Handpieces.

FOREDOM NO.	ORDER NO.
Set 600	09C-FRH5600

440 Collet Set

1 each of Foredom No. 442, 443, 444, 445, 447, 448 and 449 for use with 44T Handpiece.

FOREDOM NO.	ORDER NO.
Set 440	09C-FRH5440

Foredom Micromotors & Accessories



Portable Compact Micromotor System

- Control unit features a digital RPM display that makes it easy to monitor speed as you work. The dial on the front adjusts speed from 0-30,000 RPM.
- Run time is approximately 5 hours, depending on how long the micromotor is in continuous use when in battery mode, or plug in for a day long use.
- Built-in lithium-ion rechargeable battery for the ultimate in portability. Battery charge time is 3 hours.
- Handpiece is small and lightweight yet has plenty of power for fine detailing, polishing and even grinding on metal, wood, glass and many other materials.
- Fan cooled, brush type continuous duty motor runs cool and vibration-free. It has permanently lubricated, shielded ball bearings that require no additional lubrication.

Kit Includes:

- Collet
- Control Unit with Built-in Battery
- Charger/Adapter
- Handpiece Cradle
- Motor Brushes, Spare

ORDER NO.	DESCRIPTION
09E-FRM5000	Portable Micro Motor w/3/32" Collet
09E-FRM5001	Portable Micro Motor w/1/8" Collet
09F-MTA1338	Micromotor Plastic Case
09F-MTA1339	Micromotor Carrying Case
09F-MTA1341	On/Off Foot Switch for Micromotor
09C-FRH6000	3/32" Collet Adapter



Accessories:

Plastic Carrying Case
Great for securely storing your portable micromotor kit.

Nylon Carrying Pouch
Great for users who work at multiple station or outdoors with limited or no bench top space.

Foot Control
Optional on/off foot switch.

Collet Adapter
Optional 3/32" Collet adapter for your portable 1/8" collet micromotor kit. This is an adapter that fits inside a collet and allows the use of small shank size accessories.





NSK Products

Ultra precision electrically / pneumatically driven polishing tools including drilling, polishing, grinding, engraving and deburring spindles, as well as ultrasonic polishing and cutting equipment. Air, electric and air turbine spindles and motors are also available for small diameter milling, drilling, slitting, chamfering and grinding applications.





Emax EVOlution Standard Set

8231

1,000-40,000min-1 RPM. Speed Control Volume with Flash Load Indicator, Memory Speed Function FiXpeed®, Interchangeable with 16 attachments from the Emax system. NOTE: Never connect to Emax Series motor NK-351, NK-261 and NK-151. Use the exclusive motors ENK-410S and ENK-250T for Emax EVOlution.

Includes Standard Accessories: Micro Grinder (Ring Type IR-310 + ENK-410S), Collet Chuck 1/8" 1pc, 2.35mm 1pc, Control Unit (NE249) and Other Standard Accessories.



Emax EVOlution Ring Type Torque Set

8232

1,000-25,000min-1 RPM. For heavy duty and larger tools. Combines high torque and high speed to extend operation ranges. Ring Type IR-310 is the standard attachment for the Emax EVOlution torque set.

Includes: Micro Grinder (IR-310 + ENK-250T) 1pc., Collet 1/8", 2.35 mm: 1pc each, Control Unit (NE249 120) 1pc and Other Standard Accessories.

NSK Products

Ultra precision electrically / pneumatically driven polishing tools including drilling, polishing, grinding, engraving and deburring spindles, as well as ultrasonic polishing and cutting equipment. Air, electric and air turbine spindles and motors are also available for small diameter milling, drilling, slitting, chamfering and grinding applications.





Rotus Standard Set
1148
This model incorporates the top seller being used in many applications throughout the world. As well as providing an excellent balance of speed, torque, size and weight, it is capable of dealing with rough or precise work. 30,000 RPM.

Includes: Air Grinder, Air Line Kit, Foot Control, Hose for Piping, Lubricating Oil and Pin Wrenches.



Emax EVOlution Control Unit
8224
Compact, functional and easily portable design. Digital display enhances safety and efficiency. Speed Control Volume with Flash Load Indicator. Memory Speed Function FiXpeed®, allowing independent foot switch operation. Power Source: AC120V, 50 60Hz. Power Consumption: 30W, Weight: 5 lb. 1.13 oz., Dimensions: W5.12" x D10"x H3.82"

Includes: Hand Piece Holder, Handpiece Stand, Power Supply Cord.



Emax EVOlution Motor ENK 410S
08086
High speed, lightweight, small diameter, high torque. Compact general use type motor perfect for precision work. Speed: 1,000~40,000 RPM, 4.5' Straight Cord.



Emax EVOlution Torque Type Motor ENK 250T
08087
Excellent combination of high speed and high torque. Perfect for applications requiring large burs.
Speed: 1,000~25,000 RPM, 4.5' Straight Cord.

POLISHING EQUIPMENT



Emax EVOlution & Rotus IH 300 Attachment

RE10178

Lever type attachment with slim, light weight, ergonomic design providing powerful yet delicate grinding and polishing. Exchanging a burr is simply made by turning the chuck control lever. Wrench is not required for exchanging the chuck.



Emax EVOlution & Rotus IC 300 Attachment

RE10182

90° angle attachment with a 1/8" Collet Chuck. Most suitable for polishing flat surfaces, corners and internal surfaces of pipes with paper disk mounted on rubber pad. Speed Reduction Ratio: 3/4. Weight: 1.6 oz.



Emax EVOlution & Rotus KC 300 Attachment

RE10266

Ideal for work at a 45° angle, especially corners and deep concave surfaces. Use the motor in reverse rotation for clockwise rotation. Speed Reduction Ratio: 3/4. Weight: 1.6 oz.



Mini Luster ML 8 Attachment

LS51307

A pencil type polisher. Light weight, compact design and minimal vibration keep hands fatigue free for continuous operation. Grindstone holder provided, various tools such as oil stone, Super Stone, Cristone®, diamond files, etc. can be used. Reciprocating stroke approx 0-7,600 times/min. Stroke Range: 0.8 mm fixed.



NLS 110 Profiler (Built in Motor)

1483

Powerful reciprocating stroke polisher equipped with 1/4 Speed Reducer to multiply the torque by 4 times. The tilt angle is adjustable and the grinding surface can be set at any angle between 0 and 360 degrees enabling grinding of all sides of the surface without moving the profiler itself. Rubber grip absorbs vibration, reducing fatigue. Stroke: 0–7,600 times/min. Fully adjustable. Various standard attachment tools included.



Luster LS 100 Profiler

LS10815

The Luster LS-100 is a powerful reciprocating stroke polisher that is used with electric motor attachments such as the ENK-410S or ENK-250T. The tilt angle is adjustable and the grinding surface can be set at any angle between 0 and 360 degrees enabling grinding of all sides of the surface without moving the profiler itself. Rubber grip absorbs vibration, reducing fatigue. Stroke: 0–7,600 times/min. Fully adjustable. Various standard attachment tools included.



Swing Luster SLS 16

LS11380

Pencil type polisher suited for narrow grooves, and details. Compact design and minimal vibration keep hands fatigue free for continuous operation. Grindstone holder provided, tools such as oil stone, Super Stone, Cristone®, diamond files, etc. can be used. Stroke: 0–9,000 times/min. Stroke range variable: 0–1.6 mm.

Sheenus ZERO Ultrasonic Polisher Set

The perfect tool for grinding, polishing and mirror finishing on a wide range of materials from aluminum dies to cemented carbide dies. It quickly removes hard layers of EDM deposits and polishes difficult corners, ribs and slots with the use of rapid ultrasonic waves reducing finishing time by 40-65%.



Complete Set - Item #Sheenus7775
Control Unit only - Item #Sheenus7778
Handpiece only - Item #Sheenus7780



Set Includes:

(1) Controller
(1) Ultrasonic Handpiece
(1) Power Cable
(1) Fuse AC120V
(1) Ceramic Stone Holder
(1) Ceramic Fiber Grindstone Blue
(1) Electroplated Diamond Taper File
Tool Box (Plastic)
(1) 10mm Wrench
(1) 2.5mm Allen Wrench
(1) Tip Holder Set



ENESKAsonic Ultrasonic Polisher Set

Used for polishing and lapping in the frequency range of 20 and 30 kHz. The Auto Tune function determines the optimum frequency and the adjustable power control is suitable for fine, delicate work on narrow ribs and edges. Use the Boost Mode feature for power-intensive, extra abrasive work with sintered diamond files.



0012000-US1

Set Includes:

(1) Control Unit
(1) Ultrasonic Handpiece – 50 Watts
(1) Handpiece Support Stand
(1) Screen Protector – made of tempered glass
(1) Power Cord
(2) 4 A Fuse for 110V use
(1) Allen Key (2) Chuck Key
(1) 3mm round tool holder
(1) 1mm flat tool holder



Foot Pedal
0011002



M4 Thread Tool Adapter
0011002

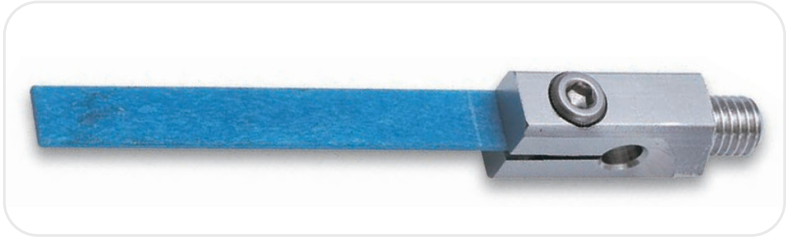


NSK Sheenus neo Handpiece Connect Cable
0012006

ENESKAsonic Stone Holders

ORDER NO.	DESCRIPTION
0006308	Flat Tool Holder 0.5mm
0006309	Flat Tool Holder 0.8mm
0006310-E	Flat Tool Holder 1mm
0006311	Flat Tool Holder 2mm
0006312	Flat Tool Holder 3mm
0006305	Round Tool Holder 2mm
0006306-E	Round Tool Holder 3mm





DIAMAX Diamond Compound

DIAMAX is BORIDE's premium brand of diamond compound and the leading choice for all polishing applications. It is formulated for a broad range of mold and die finishing work offering faster cut rates and better surface finishes than other brands. It also offers excellent surface tension and adhesion to tool surfaces. The precise blend of natural diamond's unsurpassed cutting capability and manufactured diamond's toughness and extended durability results in superior finishing. DIAMAX is a medium-heavy concentration that is both water and oil soluble.

MADE IN USA



GRADE	COLOR	APPLICATION	5 GRAM SYRINGE	18 GRAM SYRINGE
1	White	Final Polishing	332166	332323
3	Yellow	Final Polishing	332637	332794
6	Orange	Final & Pre-Polish	333108	333265
8	Green	Pre-Polish Lapping	333579	333736
14	Blue	Pre-Polish Lapping	334050	334207
25	Red	Stock Removal	334521	334678
45	Brown	Stock Removal	334992	335149

Diamond Compound Thinner

Diamond Compound Thinners are used to thin the slurry, extend the diamond compound and reduce gumming. These thinners penetrate quickly, lubricate every particle for maximum cutting action and help flush away abraded material while reducing lapping time. Made in the USA!



DIAMAX Thinner
Used to thin the slurry, extend the diamond compound and reduce gumming.

2 oz. Bottle	336006
4 oz. Bottle	336005
16 oz. Bottle	336010

Spray Bottle for DIAMAX Thinner
Empty plastic bottle with a fine mist spray head that is perfect for applying diamond compound thinner.

2 oz. Finger Spray Bottle	336211

Mold Makers Diamond

Mold Makers Diamond is our most versatile yet cost effective diamond compound. It is very well known in the industry as it was specially engineered for precision finishing for all types of mold and die applications. Consistent particle distribution and a wide thermal processing range allow it to be used under the most demanding conditions. It is the most versatile diamond compound that we offer due to the number of grades and concentrations available. Mold Makers Diamond consists of a combination of synthetic and natural diamond particles resulting in an aggressive yet cost effective product. Unique 5 and 18 gram syringes are dial controlled offering precise distribution. Available in either oil-based or water-based formulations and medium, heavy and extra heavy concentrations.

*Also available in 2 gram syringes.



Also available in money saving kits.
SEE PAGE 71

MADE IN USA

OIL-BASED

GRADE	MICRON	COLOR	APPLICATION	5 GRAM SYRINGE			18 GRAM SYRINGE		
				MEDIUM	HEAVY	EXTRA HEAVY	MEDIUM	HEAVY	EXTRA HEAVY
100	100-150	Black	Stock Removal	337001	337002	337003	337021	337022	337023
170	80-100	Dark Gray	Stock Removal	337041	337042	337043	337061	337062	337063
230	54-80	Purple	Stock Removal	337081	337082	337083	337101	337102	337103
45	36-54	Brown	Stock Removal	337161	337162	337163	337181	337182	337183
30	22-36	Red	Stock Removal	331169	331170	331171	331179	331180	331181
20	15-25	Light Blue	Pre-Polish Lapping	337281	337282	337283	337301	337302	337303
15	12-22	Blue	Pre-Polish Lapping	331139	331140	331141	331149	331150	331151
9	8-12	Green	Pre-Polish Lapping	331109	331110	331111	331119	331120	331121
6	4-8	Orange	Final & Pre-Polish	331079	331080	331081	331089	331090	331091
4	2-6	Pink	Final & Pre-Polish	337521	337522	337523	337541	337542	337543
3	2-4	Yellow	Final Polish	331049	331050	331051	331059	331060	331063
2	1-3	Lavender	Final Polish	337601	337602	337603	337621	337622	337623
1	0-2	White	Final Polish	331019	331020	331021	331029	331030	331031
1/2	0-1	Light Gray	Final Polish	337681	331005	337683	337701	331007	337703
1/4	0-1/2	Gray	Final Polish	337721	337722	337723	337741	337742	337743
1/10	0-1/4	Ivory	Final Polish	337761	337762	337763	337781	337782	337783

Mold Makers Diamond

Mold Makers Diamond is our most versatile yet cost effective diamond compound. It is very well known in the industry as it was specially engineered for precision finishing for all types of mold and die applications. Consistent particle distribution and a wide thermal processing range allow it to be used under the most demanding conditions. It is the most versatile diamond compound that we offer due to the number of grades and concentrations available. Mold Makers Diamond consists of a combination of synthetic and natural diamond particles resulting in an aggressive yet cost effective product. Unique 5 and 18 gram syringes are dial controlled offering precise distribution. Available in either oil-based or water-based formulations and medium, heavy and extra heavy concentrations.

*Also available in 2 gram syringes.

MADE IN USA



Also available in money saving kits.
SEE PAGE 71

WATER-BASED

GRADE	MICRON	COLOR	APPLICATION	5 GRAM SYRINGE			18 GRAM SYRINGE		
				MEDIUM	HEAVY	EXTRA HEAVY	MEDIUM	HEAVY	EXTRA HEAVY
100	100-150	Black	Stock Removal	337011	337012	337013	337031	337032	337033
170	80-100	Dark Gray	Stock Removal	337051	337052	337053	337071	337072	337073
230	54-80	Purple	Stock Removal	337091	337092	337093	337111	337112	337113
45	36-54	Brown	Stock Removal	337171	337172	337173	337191	337192	337193
30	22-36	Red	Stock Removal	337251	337252	337253	337231	337232	337233
20	15-25	Light Blue	Pre-Polish Lapping	337291	337292	337293	337311	337312	337313
15	12-22	Blue	Pre-Polish Lapping	337331	337332	337333	337351	337352	337353
9	8-12	Green	Pre-Polish Lapping	337411	337412	337413	337431	337432	337433
6	4-8	Orange	Final & Pre-Polish	337491	337492	337493	337511	337512	337513
4	2-6	Pink	Final & Pre-Polish	337531	337532	337533	337551	337552	337553
3	2-4	Yellow	Final Polish	337571	337572	337573	337591	331061	337593
2	1-3	Lavender	Final Polish	337611	337612	337613	337631	337632	337633
1	0-2	White	Final Polish	337651	337652	337653	337671	337672	337673
1/2	0-1	Light Gray	Final Polish	337691	337692	337693	337711	337712	337713
1/4	0-1/2	Gray	Final Polish	337731	337732	337733	337751	337752	337753
1/10	0-1/4	Ivory	Final Polish	337771	337772	337773	337791	337792	337793

Mold Makers Diamond Super Duty

Mold Makers Diamond Super Duty is our standard Mold Maker Diamond formulation but with a “super” concentration of consistently blended diamond particles making it our most aggressive, fastest cutting diamond compound. Made for the toughest jobs, Mold Makers Diamond Super Duty was engineered for polishing professionals looking for faster results and fewer polishing steps. Unique 5 and 18 gram syringes are dial controlled offering precise distribution. Available in either oil-based or water-based formulations.

*Also available in 2 gram syringes.



MADE IN USA

SUPER DUTY

GRADE	MICRON	COLOR	APPLICATION	OIL BASED		WATER BASED	
				5 GM	18GM	5 GM	18 GM
100	100-150	Black	Stock Removal	337004	337024	337014	337034
170	80-100	Dark Gray	Stock Removal	337044	337064	337054	337074
230	54-80	Purple	Stock Removal	337084	337104	337094	337114
45	36-54	Brown	Stock Removal	337164	337184	337174	337194
30	22-36	Red	Stock Removal	331172	331182	337254	337234
20	15-25	Light Blue	Pre-Polish Lapping	337284	337304	337294	337314
15	12-22	Blue	Pre-Polish Lapping	331142	331152	337334	337354
9	8-12	Green	Pre-Polish Lapping	331112	331122	337414	337434
6	4-8	Orange	Final & Pre-Polish	331082	331092	337494	337514
4	2-6	Pink	Final & Pre-Polish	337524	337544	337534	337554
3	2-4	Yellow	Final Polish	331052	331062	337574	337594
2	1-3	Lavender	Final Polish	337604	337624	337614	337634
1	0-2	White	Final Polish	331022	331032	337654	337674
1/2	0-1	Light Gray	Final Polish	337684	337704	337694	337714
1/4	0-1/2	Gray	Final Polish	337724	337744	337734	337754
1/10	0-1/4	Ivory	Final Polish	337764	337784	337774	337794

Mold Makers Diamond Compound Kits

Mold Makers Diamond Compound Kits are the perfect way to try a wide range of grades at a cost savings. Each kit contains (5) 2 gram syringes of Mold Makers Diamond Compound in grades #15 Blue, #9 Green, #6 Orange, #3 Yellow and #1 White plus a 2oz Bottle of DIAMAX Thinner. Available in oil and water based formulations as well as medium, heavy, extra heavy and super duty concentrations.

CONCENTRATION	OIL BASED	WATER BASED
MEDIUM	337800	337804
HEAVY	337801	337805
EXTRA HEAVY	337802	337806
SUPER DUTY	337803	337807

Falcon Diamond Compound

Falcon Diamond Compound is the ultimate polishing medium. Diamond is the hardest material by a large margin and therefore cuts all other materials with ease. Falcon Diamond Compound consists of extremely sharp, blocky diamond particles of uniform size suspended in a specially designed carrier. All of the features of the compound are optimum for achieving excellent finishes, rapidly, with minimum effort and cost.

All grades (except 1/2) are available in heavy (100% diamond concentration), standard (75% concentration) and medium light (50% concentration).

All Falcon Diamond Compounds are water and oil soluble and supplied in disposable 2 gram, 5 gram and 18 gram plastic applicators.



Also available in money saving kits.
SEE PAGE 73

GRADE NUMBER & CONCENTRATION	2 GRAM ORDER NO.	5 GRAM ORDER NO.	18 GRAM ORDER NO.	COLOR OF COMPOUND	MESH SIZE EQUIVALENT	MICRON RANGE	TYPE OF WORK
1/2 Standard	07A-CPD4000	07A-CPD1000	07A-CPD2000	Grey	60,000	0 - 1	Finest finish of metallographic and optical quality.
1 Med Light	07A-CPD4001	07A-CPD1001	07A-CPD2001	Blue	14,000	0 - 2	
1 Standard	07A-CPD4002	07A-CPD1002	07A-CPD2002	Blue	14,000	0 - 2	
1 Heavy	07A-CPD4003	07A-CPD1003	07A-CPD2003	Blue	14,000	0 - 2	
3 Med Light	07A-CPD4004	07A-CPD1004	07A-CPD2004	Green	8,000	1 - 5	Final finish on hardened steels and harder materials including carbides. Also beryllium copper.
3 Standard	07A-CPD4005	07A-CPD1005	07A-CPD2005	Green	8,000	1 - 5	
3 Heavy	07A-CPD4006	07A-CPD1006	07A-CPD2006	Green	8,000	1 - 5	
6 Med Light	07A-CPD4007	07A-CPD1007	07A-CPD2007	Yellow	3,000	4 - 8	
6 Standard	07A-CPD4008	07A-CPD1008	07A-CPD2008	Yellow	3,000	4 - 8	
6 Heavy	07A-CPD4009	07A-CPD1009	07A-CPD2009	Yellow	3,000	4 - 8	
9 Med Light	07A-CPD4010	07A-CPD1010	07A-CPD2010	Red	1,800	6 - 12	For one-step medium finish or intermediate in multiple-step finishing.
9 Standard	07A-CPD4011	07A-CPD1011	07A-CPD2011	Red	1,800	6 - 12	
9 Heavy	07A-CPD4012	07A-CPD1012	07A-CPD2012	Red	1,800	6 - 12	
15 Med Light	07A-CPD4013	07A-CPD1013	07A-CPD2013	Brown	1,200	8 - 22	
15 Standard	07A-CPD4014	07A-CPD1014	07A-CPD2014	Brown	1,200	8 - 22	
15 Heavy	07A-CPD4015	07A-CPD1015	07A-CPD2015	Brown	1,200	8 - 22	
30 Med Light	07A-CPD4016	07A-CPD1016	07A-CPD2016	Mahogany	600	20 - 40	Finish to dimension without final finish. Remove tool marks.
30 Standard	07A-CPD4017	07A-CPD1017	07A-CPD2017	Mahogany	600	20 - 40	
30 Heavy	07A-CPD4018	07A-CPD1018	07A-CPD2018	Mahogany	600	20 - 40	
45 Med Light	07A-CPD4019	07A-CPD1019	07A-CPD2019	Purple	325	30 - 60	
45 Standard	07A-CPD4020	07A-CPD1020	07A-CPD2020	Purple	325	30 - 60	
45 Heavy	07A-CPD4021	07A-CPD1021	07A-CPD2021	Purple	325	30 - 60	

Diamond Compound Sets

Falcon Diamond Compound sets are the perfect way to try a wide range of grades at a cost savings. All compounds are water and oil soluble.

Sets are available in either Medium Light, Standard or Heavy concentrations.

Each set contains:

(1) 6 oz bottle of Polishing Lubricant & Diamond Thinner

(5) 2 gram syringes: one of each of the following grades:



MADE IN USA

COLOR OF COMPOUND	MESH SIZE EQUIVALENT	MICRON RANGE	TYPE OF WORK
Green	8,000	1-5	Final finish on hardened steels and harder materials including carbides. Also beryllium & copper.
Yellow	3,000	4-8	
Red	1,800	6-12	For one-step medium finish or intermediate in multiple-step finishing.
Brown	1,200	8-22	
Mahogany	600	20-40	Finish to dimension without final finish. Remove tool marks.

Medium Light Concentration - 07A-CPD9000

Standard Concentration - 07A-CPD9100

Heavy Concentration - 07A-CPD9200

Simichrome Polish

332002 – 50 GM TUBE
332003 – 250 GM TIN
332004 – 1000 GM TIN

Simichrome Polish removes tarnish, dirt and oils, and generally renews polished metal surfaces while leaving a protective film which retards oxidation. Simichrome works well on brass, bronze, chromium, and aluminum and is recommended for use after diamond compound. It can be rubbed on and removed with a soft cloth; or it can be used with a clean felt bob.



PIKAL Care Metal Polish

332005 – 150 GM TUBE

Pikal Care is an oil based, nontoxic, emulsified white alumina-based metal polish for polishing metals such as stainless steel, brass, copper, aluminum, tin and iron. It contains very fine-grit alumina particles which help polish a variety of metals to a high luster.



Mold Polish

332000

Unique to the industry, our mold polish is offered in a 20 gram controlled syringe to allow precise application without the fear of contamination. BORIDE mold polish is odor and residue free, non-hazardous, and non-corrosive. It will remove rust, oxidation, diamond polish haze, plate out and stains on fine tooling surfaces.



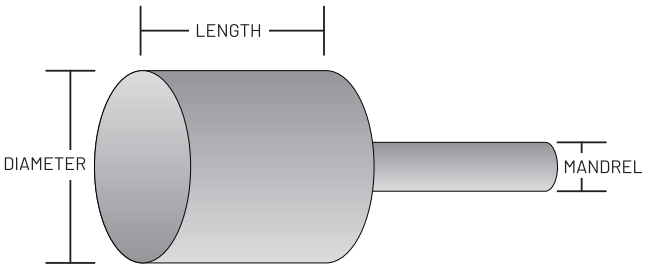
MADE IN USA

Mandrel Mounted Felt Bobs: Cylinders

Our felt bobs are made from the finest wool and materials. Felt bobs may be used with polishing compounds to produce a high surface finish on all dies and molds. Available in a variety of shapes, sizes, densities, and mandrels. Sold in packages of 12 pieces.



MADE IN USA



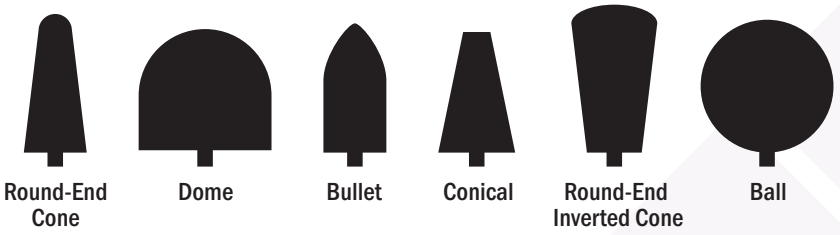
DIAMETER (INCHES)	LENGTH (INCHES)	MANDREL (INCHES)	SOFT	MEDIUM	HARD	ROCK HARD
			ORDER NO.	ORDER NO.	ORDER NO.	ORDER NO.
1/4	1/4	1/8	08V-MFB1011	08V-MFB1012	08V-MFB1013	08V-MFB1014
1/4	3/8	1/8	08V-MFB1021	08V-MFB1022	08V-MFB1023	08V-MFB1024
3/8	3/8	1/8	08V-MFB1031	08V-MFB1032	08V-MFB1033	08V-MFB1034
3/8	1/2	1/8	08V-MFB1041	08V-MFB1042	08V-MFB1043	08V-MFB1044
1/2	1/2	1/8	08V-MFB1051	08V-MFB1052	08V-MFB1053	08V-MFB1054
1/2	3/4	1/8	08V-MFB1061	08V-MFB1062	08V-MFB1063	08V-MFB1064
1/2	1	1/8	08V-MFB1071	08V-MFB1072	08V-MFB1073	08V-MFB1074
5/8	5/8	1/8	90353	90354	90355	–
3/4	3/4	1/8	08V-MFB1081	08V-MFB1082	08V-MFB1083	08V-MFB1084
3/4	1	1/8	08V-MFB1091	08V-MFB1092	08V-MFB1093	–
1	1	1/8	08V-MFB1111	08V-MFB1112	08V-MFB1113	08V-MFB1114
1	1	1/4	08V-MFB1115	08V-MFB1116	08V-MFB1117	08V-MFB1118
1	1-1/4	1/4	08V-MFB1121	08V-MFB1122	08V-MFB1123	08V-MFB1124
3/4	1-1/2	1/4	08V-MFB1101	08V-MFB1102	08V-MFB1103	–
1	1-1/2	1/4	08V-MFB1131	08V-MFB1132	–	–
1	2	1/4	08V-MFB1141	08V-MFB1142	–	–
1-1/4	1	1/4	08V-MFB1151	08V-MFB1152	08V-MFB1153	–
1-1/4	1-1/4	1/4	–	08V-MFB1162	08V-MFB1163	–
1-1/2	1	1/4	08V-MFB1171	08V-MFB1172	08V-MFB1173	08V-MFB1174
1-1/2	1-1/2	1/4	08V-MFB1181	08V-MFB1182	08V-MFB1183	–
2	2	1/4	90347	90348	90349	–

Mandrel Mounted Felt Bobs: All Shapes

Our felt bobs are made from the finest wool and materials. Felt bobs may be used with polishing compounds to produce a high surface finish on all dies and molds. Available in a variety of shapes, sizes, densities, and mandrels. Sold in packages of 12 pieces.

MADE IN USA





SHAPE	DIAMETER (INCHES)	LENGTH (INCHES)	MANDREL (INCHES)	SOFT	MEDIUM	HARD	ROCK HARD
				ORDER NO.	ORDER NO.	ORDER NO.	ORDER NO.
Ball	1/2	1/2	1/8	–	90379	–	–
Ball	1	1	1/4	–	–	08V-MFB2086	–
Bullet	1/4	1/2	1/8	–	08V-MFB2045	08V-MFB2046	08V-MFB2047
Bullet	3/8	3/4	1/8	08V-MFB2048	08V-MFB2049	–	–
Bullet	3/8	1/2	1/8	90360	90361	90281	–
Bullet	1/2	1	1/8	08V-MFB2032	08V-MFB2033	08V-MFB2034	08V-MFB2035
Bullet	3/4	1-1/2	1/4	08V-MFB2036	08V-MFB2037	08V-MFB2038	–
Bullet	1	2	1/4	–	08V-MFB2041	–	08V-MFB2043
Conical	1/2	3/4	1/8	–	08V-MFB2053	08V-MFB2054	–
Conical	3/4	1	1/4	–	08V-MFB2057	08V-MFB2058	08V-MFB2059
Conical	1	1-1/4	1/4	–	08V-MFB2061	08V-MFB2062	–
Round-End Cone	3/8	1/2	1/8	90356	90357	90358	–
Round-End Cone	1/2	1	1/8	08V-MFB2000	08V-MFB2001	08V-MFB2002	–
Round-End Cone	3/4	1-1/2	1/8	90383	90384	90385	–
Round-End Cone	3/4	1-1/2	1/4	–	08V-MFB2005	08V-MFB2006	–
Round-End Cone	1	2	1/4	–	08V-MFB2009	08V-MFB2010	–
Round-End Inverted Cone	3/8	1/2	1/8	90366	90367	90368	–
Round-End Inverted Cone	1/2	3/4	1/8	08V-MFB2064	08V-MFB2065	–	–
Dome	1/2	1/2	1/8	90369	90370	90371	–
Dome	3/4	3/4	1/8	90372	90373	90374	–

Mounted Felt Sticks

Our felt sticks are made from the finest wool and materials. Felt sticks may be used with polishing compounds to produce a high surface finish on all dies and molds. Sold in packages of 12 pieces.



MADE IN USA

SHAPE (INCHES)	LENGTH (INCHES)	MANDREL (INCHES)	MEDIUM	HARD
			ORDER NO.	ORDER NO.
1/4 x 1/4	1-1/2	1/8	08U-FLT5012	–
1/4 x 1/4	1-1/2	1/8	–	08U-FLT5013
1/2 x 1/2	1-1/2	1/8	–	90276
3/4 x 3/4	1-1/2	1/8	–	90275

Felt Sticks

Our felt sticks are made from the finest wool and materials. Felt sticks may be used with polishing compounds to produce a high surface finish on all dies and molds. Sold in packages of 12 pieces.



MADE IN USA

SIZE (INCHES)	LENGTH (INCHES)	SOFT	MEDIUM	HARD	ROCK HARD
		ORDER NO.	ORDER NO.	ORDER NO.	ORDER NO.
1/4 square	6	–	08U-FLT4012	08U-FLT4013	–
3/8 square	6	08U-FLT4021	08U-FLT4022	–	–
1/2 square	6	–	08U-FLT4032	08U-FLT4033	08U-FLT4034

Felt Touch-Up Pads

Our felt touch-up pads are made from the finest wool and materials. They are a great all-purpose polishing and buffing pad. Sold in packages of 6 pieces.

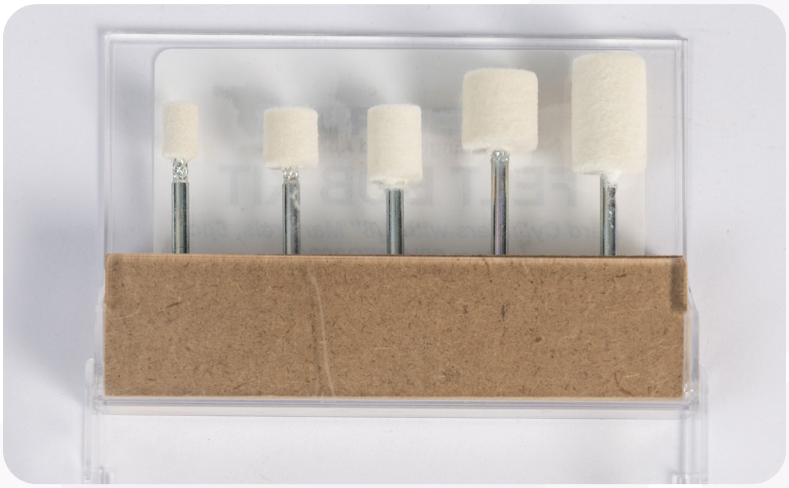


MADE IN USA

SIZE (INCHES)	THICKNESS (INCHES)	SOFT	MEDIUM
		ORDER NO.	ORDER NO.
1 x 3	1/8	08U-FLT4102	08U-FLT4100

Felt Bob Assortment Kit

This convenient kit offers 5 pieces of popular cylinder sizes, all with 1/8" mandrels. The perfect kit to be used with various polishing compounds to produce a clean, high finish on molds and dies. Made in the USA from the finest wool and materials.



MADE IN USA

KIT INCLUDES 1 PIECE EACH OF:

ORDER NO.	HARDNESS	DIAMETER (INCHES)	LENGTH (INCHES)	MANDREL (INCHES)
08V-MFB3000	Hard	1/4	3/8	1/8
		3/8	3/8	1/8
		3/8	1/2	1/8
		1/2	1/2	1/8
		1/2	3/4	1/8

Miniature Brushes

Our mandrel-mounted wire and hair brushes are of the most durable in the industry. Brush filaments are securely embedded in a steel ring construction offering the highest quality through consistent distribution. All with 1/8" mandrel.
12 pieces per package.



MADE IN USA



Bristle Wheel
08W-BRU3000
Hard Animal Hair 3/16" x 3/4"



Bristle Wheel
08W-BRU3101
Soft Animal Hair 3/16" x 3/4"



Bristle Cup
08W-BRU2000
Hard Animal Hair 1/4" x 9/16"



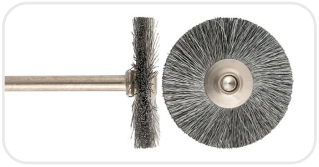
Bristle Cup
08W-BRU2100
Soft Animal Hair 1/4" x 9/16"



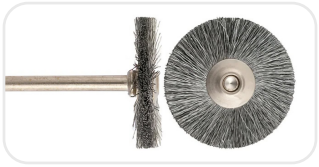
Bristle Cup
08W-BRU2001
Hard Animal Hair 1/2" x 1"



Wire Wheel
08W-BRU3200
Brass .003 3/16" x 3/4"



Wire Wheel
08W-BRU3401
Steel .003 5/16" x 1"



Wire Wheel
08W-BRU3501
Steel .005 5/16" x 1"



Wire Cup
08W-BRU2200
Brass .003 1/4" x 9/16"



Wire Cup
08W-BRU2300
Brass .005 1/4" x 9/16"



Wire Cup
08W-BRU2400
Steel .003 1/4" x 5/8"



Wire Cup
08W-BRU2500
Steel .005 1/4" x 9/16"

All with 1/8" mandrel. 12 pieces per package.



Bristle End
08W-BRU1000
Hard Animal Hair 1/4" x 3/16"



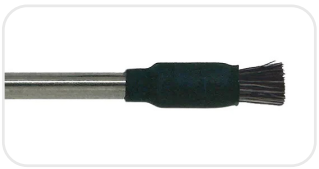
Bristle End
08W-BRU1003
Hard Animal Hair 9/16" x 5/16"



Bristle End - Rubber Ferrule
08W-BRU1100
Hard Animal Hair 1/4" x 3/16"



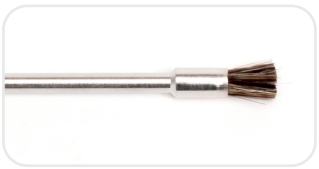
Bristle End - Rubber Ferrule
08W-BRU1101
Hard Animal Hair 3/8" x 3/16"



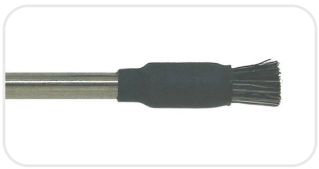
Bristle End - Rubber Ferrule
08W-BRU1102
Hard Animal Hair 3/8" x 1/4"



Bristle End - Rubber Ferrule
08W-BRU1103
Hard Animal Hair 9/16" x 5/16"



Bristle End
08W-BRU1200
Soft Animal Hair 1/4" x 3/16"



Bristle End - Rubber Ferrule
08W-BRU1300
Soft Animal Hair 1/4" x 3/16"



Bristle End - Rubber Ferrule
08W-BRU1302
Soft Animal Hair 3/8" x 1/4"



Bristle End - Rubber Ferrule
08W-BRU1303
Soft Animal Hair 9/16" x 5/16"



Wire End
08W-BRU1400
Brass .003 1/4" x 3/16"



Wire End
08W-BRU1500
Brass .005 3/8" x 1/4"



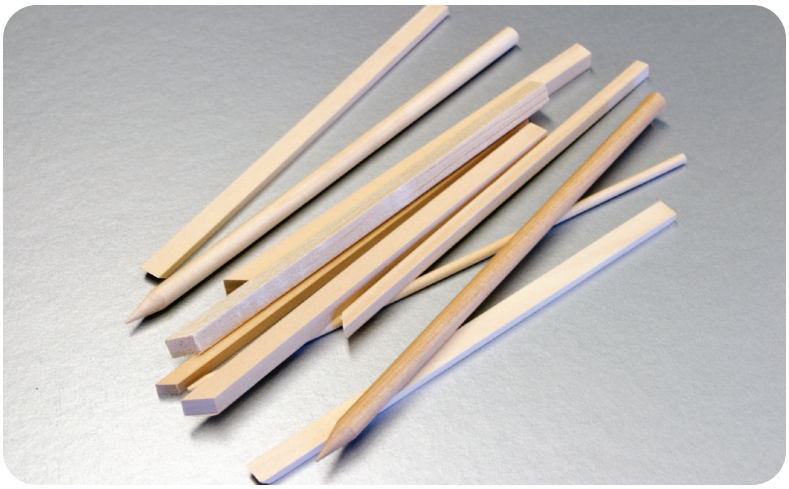
Wire End
08W-BRU1501
Brass .005 9/16" x 5/16"



Wire End
08W-BRU1600
Steel .003 1/4" x 3/16"

Wood Sticks

Our wood sticks are made of select Balsa wood (very soft), White Birch/Poplar (soft) and Rockwood laminated Beech wood (very hard). Very soft sticks are used for final finishing with diamond or other compounds. The soft sticks are used for immediate to final finishing with diamond or other compounds. Very hard sticks hold their shape when polishing with diamond compound.



MADE IN USA

1/4" X 1/4" X 6"
Very Soft - Balsa
Bevel - 1 square end, 1 beveled end
5 pcs per pack
90306

1/8" X 6"
Soft - White Birch/Poplar
Round - 1 blunt end, 1 pointed end
25 pcs per pack
90307

1/4" X 6"
Soft - White Birch/Poplar
Round - 1 blunt end, 1 pointed end
25 pcs per pack
90308

3/16" X 3/16" X 6"
Soft - White Birch/Poplar
Bevel - 1 square end, 1 beveled end
5 pcs per pack
90309

1/8" X 1/4" X 6"
Soft - White Birch/Poplar
Bevel - 1 rectangle end, 1 beveled end
5 pcs per pack
90310

1/4" X 1/4" X 6"
Soft - White Birch/Poplar
Bevel - 1 square end, 1 beveled end
5 pcs per pack
90311

1/8 X 1/8 X 6"
Soft - White Birch/Poplar
Bevel - 1 square end, 1 beveled end
5 pcs per pack
90312

1/8 X 1/4 X 6"
Very Hard - Rockwood
Rectangle - 2 rectangular ends
12 pcs per pack
90336

1/4" X 3/8" X 6"
Very Hard - Rockwood
Rectangle - 2 rectangular ends
12 pcs per pack
90337

1/8" X 6"
Very Hard - Rockwood
Round - 1 blunt end, 1 pointed end
5 pcs per pack
90363

1/4" X 6"
Very Hard - Rockwood
Round - 2 blunts ends
12 pcs per pack
90392

1/8" X 1/8" X 6"
Very Hard - Rockwood
Square - 1 square end, 1 beveled end
12 pcs per pack
90419

1/4" X 1/4" X 6"
Very Hard - Rockwood
Square - 2 square ends
12 pcs per pack
90420

3/16" X 6"
Very Hard - Rockwood
Round - 2 blunts ends
5 pcs per pack
90494

Cratex® Small Wheels

Cratex® Rubberized Abrasives are made with oil-resistant chemical rubber. In contrast to conventional grinding wheels, the Cratex® bond has unique cushioned action. It cuts freely, smoothly and softly without gouging or digging into the work surface. It resists clogging or smearing, and is ideal for a broad range of applications where metallic or non metallic surfaces must be smoothed and polished without loss of dimensional tolerances or control. 100 pieces per package.



Available in money saving kits.
SEE PAGE 87

KNIFE EDGE

SIZE (INCHES) DIAMETER X THICKNESS	ARBOR HOLE (INCHES)	CRATEX® #	ITEM			
			COARSE	MEDIUM	FINE	EXTRA FINE
3/8 x 3/32	1/16	#1	203000	203001	203002	203003
5/8 x 3/32	1/16	#2	203004	203005	203006	203007
1 x 1/8	1/16	#5	203012	203013	203014	203015

STRAIGHT EDGE

SIZE (INCHES) DIAMETER X THICKNESS	ARBOR HOLE (INCHES)	CRATEX® #	ITEM			
			COARSE	MEDIUM	FINE	EXTRA FINE
5/8 x 3/32	1/16	#53	203047	203048	203049	203050
5/8 x 1/8	1/16	#54	203051	203052	203053	203054
5/8 x 1/4	1/16	#59	203055	203056	–	203058
7/8 x 1/8	1/16	#74	203059	203060	203061	203062
7/8 x 3/16	1/16	#76	203063	203064	203065	203066
7/8 x 1/4	1/16	#79	203067	203068	203069	203070
1 x 1/8	1/16	#80	203071	203072	203073	203074
1 x 3/32	1/16	#83	203075	203076	203077	203078
1 x 3/16	1/16	#86	203079	203080	203081	203082
1 x 1/4	1/16	#88	203083	203084	203085	203086

Cratex® Large Wheels

Cratex® Rubberized Abrasives are made with oil-resistant chemical rubber. In contrast to conventional grinding wheels, the Cratex® bond has unique cushioned action. It cuts freely, smoothly and softly without gouging or digging into the work surface. It resists clogging or smearing, and is ideal for a broad range of applications where metallic or non metallic surfaces must be smoothed and polished without loss of dimensional tolerances or control. Sold individually.



			ITEM			
SIZE (INCHES) DIAMETER X THICKNESS	ARBOR HOLE (INCHES)	CRATEX® #	COARSE	MEDIUM	FINE	EXTRA FINE
2 x 1/4	1/4	#204	203115	203116	203117	203118
2 x 1/2	1/4	#208	–	203124	–	–
3 x 1/2	1/4	#308	203151	203152	203153	203154
4 x 1/4	1/2	#404	203167	203168	203169	203170

Cratex® Sticks

Cratex® Rubberized Abrasives are made with oil-resistant chemical rubber. In contrast to conventional grinding wheels, the Cratex® bond has unique cushioned action. It cuts freely, smoothly and softly without gouging or digging into the work surface. It resists clogging or smearing, and is ideal for a broad range of applications where metallic or non metallic surfaces must be smoothed and polished without loss of dimensional tolerances or control. Sold individually.



ROUND STICKS

		ITEM			
SIZE (INCHES) WIDTH X LENGTH	CRATEX® #	COARSE	MEDIUM	FINE	EXTRA FINE
3/16 x 6	#036	203256	203257	203258	203259
1/4 x 6	#046	203260	203261	203262	203263
5/16 x 6	#056	203264	203265	203266	203267
3/8 x 6	#066	203268	203269	203270	203271
1/2 x 6	#086	203272	203273	203274	203275
5/8 x 6	#0106	203276	203277	203278	203279
3/4 x 6	#0126	203280	203281	203282	203283

SQUARE STICKS

		ITEM			
SIZE (INCHES) WIDTH X LENGTH	CRATEX® #	COARSE	MEDIUM	FINE	EXTRA FINE
1/2 x 1/2 x 6	#6404	203296	203297	203298	203299

Cratex® Bullets, Cylinders, Points & Tapers

Cratex® Rubberized Abrasives are made with oil-resistant chemical rubber. In contrast to conventional grinding wheels, the Cratex® bond has unique cushioned action. It cuts freely, smoothly and softly without gouging or digging into the work surface. It resists clogging or smearing, and is ideal for a broad range of applications where metallic or non metallic surfaces must be smoothed and polished without loss of dimensional tolerances or control.



Available in money saving kits.
SEE PAGE 87

				ITEMS SOLD 100 PIECES PER PACKAGE			
SHAPE	SIZE (INCHES) DIAMETER X LENGTH	ARBOR HOLE (INCHES)	CRATEX® #	COARSE	MEDIUM	FINE	EXTRA FINE
BULLET	9/32 x 1	1/16	#8	203020	203021	203022	203023
BULLET	3/8 x 5/8	1/16	#10	203025	203026	203027	203028
BULLET	3/8 x 1	1/8	#11	203029	203030	203031	203032
BULLET	1/2" x 7/8"	1/8	#15	203043	203044	203045	203046
CYLINDER	1/4 x 1/2	1/16	#4	203008	203009	203010	203011
CYLINDER	1/4 x 7/8	1/16	#6	203016	203017	203018	203019
TAPER	3/8 to 5/16 x 7/8	1/8	#12	203033	203034	203035	203036
TAPER	5/8 to 1/8 x 7/8	1/8	#14	203039	203040	203041	203042

				ITEMS SOLD INDIVIDUALLY			
SHAPE	SIZE (INCHES) DIAMETER X LENGTH	ARBOR HOLE (INCHES)	CRATEX® #	COARSE	MEDIUM	FINE	EXTRA FINE
BULLET	7/8 x 1 3/4	1/4	#4707	203372	203373	203374	203375
CYLINDER	7/8 x 1	1/4	#1350	203352	203353	203354	203355
CYLINDER	1 x 1 1/2	1/4	#1351	203356	203357	203358	203359
TAPER	5/8 to 1/4 x 1	1/4	#1340	203340	203341	203342	203343
TAPER	1 to 1/2 x 2	1/4	#1848	203368	203369	203370	203371

Cratex® Mandrels

Cratex® Rubberized Abrasives are made with oil-resistant chemical rubber. In contrast to conventional grinding wheels, the Cratex® bond has unique cushioned action. It cuts freely, smoothly and softly without gouging or digging into the work surface. It resists clogging or smearing, and is ideal for a broad range of applications where metallic or non metallic surfaces must be smoothed and polished without loss of dimensional tolerances or control. Sold individually.



Available in money saving kits.
SEE PAGE 87

POINT MANDRELS

CRATEX® #	SHANK SIZE (INCHES)	FOR ARBOR HOLE SIZE (INCHES)	ITEM	FOR CRATEX® #'S
1	3/32	1/16	203450	#4, #6, #8, #10
4	1/8	1/16	203451	#4, #6, #8, #10
6	1/8	1/8	203452	#11, #12, #14, #15
9	1/4	1/8	203453	#11, #12, #14, #15

SMALL WHEEL MANDRELS

CRATEX® #	SHANK SIZE (INCHES)	FOR ARBOR HOLE SIZE (INCHES)	ITEM	FOR CRATEX® #'S
2	3/32	1/16	203454	#1, #2, #5, #53, #54, #59, #80
3	1/8	1/16	203455	#1, #2, #5, #53, #54, #59, #80
5	1/8	1/8	203456	#74, #76, #79, #83, #86, #88
8	1/4	1/8	203457	#74, #76, #79, #83, #86, #88

CONE MANDREL

CRATEX® #	SHANK SIZE (INCHES)	FOR ARBOR HOLE SIZE (INCHES)	ITEM	FOR CRATEX® #'S
1341	1/4	1/4	203458	#1340, #1345, #1349, #1350, #1351, #1848, #4707

LARGE WHEEL MANDREL

CRATEX® #	SHANK SIZE (INCHES)	FOR ARBOR HOLE SIZE (INCHES)	ITEM	FOR CRATEX® #'S
1342	1/4	1/4	203459	#202, #203, #204, #206, #208, #302, #304, #308



Cratex® Introductory Kit #777

80 Assorted Pieces & 4 Mandrels

203382

Kit contains 80 Wheels and Points plus 4 Mandrels. Packaged in a four compartment plastic box by grit textures Coarse (C), Medium (M), Fine (F), & Extra Fine (XF) for easy selection. Ideal for use in a wide range of polishing, smoothing and deburring applications.

Contents of Kit 203382

- 8 Tapered Edge Wheels No. 2 - 5/8" dia.
- 8 Straight Wheels No. 53 - 5/8" dia. x 3/32" thick
- 16 Straight Wheels No. 74 - 7/8" dia. x 1/8" thick
- 8 Straight Wheels No. 86 - 1" dia. x 3/16" thick
- 16 Cylinder Points No. 6 - 7/8" length x 1/4" dia.
- 16 Bullet Points No. 8 - 1" length x 9/32" dia.
- 8 Bullet Points No. 10 - 5/8" length x 3/8" dia.
- 2 Wheel Mandrels No. 3 - 1/8" shank
- 2 Point Mandrels No. 4 - 1/8" shank
- Equally assorted in four Cratex Grit Textures - C, M, F, XF



Cratex® Point Test Kit #778

64 Assorted Pieces & 4 Mandrels

203383

Kit contains two each of all eight Cratex® Point shapes equally assorted in four grit textures; Coarse (C), Medium (M), Fine (F), & Extra Fine (XF) - a total of 64 Points plus two No. 4 and two No. 6 Point Mandrels. Ideal for deburring, smoothing and polishing hard to reach surfaces.

Contents of Kit 203383

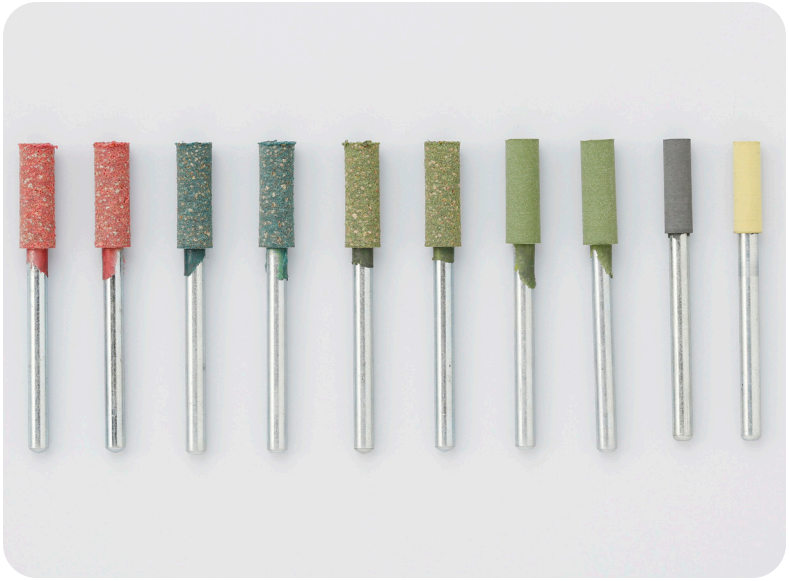
- 8 Cylinder Points No. 4 - 1/2" length x 1/4" dia.
- 8 Cylinder Points No. 6 - 7/8" length x 1/4" dia.
- 8 Bullet Points No. 8 - 1" length x 9/32" dia.
- 8 Bullet Points No. 10 - 5/8" length x 3/8" dia
- 8 Bullet Points No. 11 - 1" length x 3/8" dia.
- 8 Tapered Points No. 12 - 7/8" length x 3/8" to 5/16" dia.
- 8 Tapered Points No. 14 - 7/8" length x 5/8" to 1/8" dia.
- 8 Bullet Points No. 15 - 7/8" length x 1/2" dia.
- 2 Point Mandrels No. 4 - 1/8" shank
- 2 Point Mandrels No. 6 - 1/8" shank
- Equally assorted in four Cratex Grit Textures - C, M, F, XF





Daiwa Rabin Rubber Mounted Points

Daiwa Rabin rubber grinding points can do it all - from grinding and deburring applications to polishing and finishing on a wide variety of materials including tool steels, aluminum, stainless steel, resins, rubber, plastic, soft metals, brittle materials with high hardness, and even different types of coatings. Daiwa Rabin is soft, smooth, extremely durable, and clog resistant making it long-lasting for continuous use.



GRIT SIZE (MM)	80	120	180	220	320
2 x 5 x 3	219106	219110	219111	219112	219113
5 x 15 x 3	219114	219115	219116	219108	219117
6 x 17 x 3	296053	296052	219118	219100	296054
8 x 20 x 3	219119	219102	219107	219120	219121
10 x 20 x 3	219101	219122	219123	219103	296055
15 x 17 x 3	219124	219125	219126	219104	219127
20 x 25 x 6	219128	219129	219130	219105	219131
10 Piece Kit 219099	2 pcs ea - 5x15x3 in 80, 120, 220 & 320 grits				
	1 pc ea - 4x13x3 in 1000 & 3000 grits				







SUNBURST® Radial Discs

No matter what the material being worked, SUNBURST® Radial Discs are the absolute best for finishing and polishing hard-to-access areas without removing detail or causing flat spots. The sharp, clean, specially treated aluminum oxide abrasive grain embedded throughout their elastomer binder enable them to work faster and last longer than rubber wheels, brushes, buffs and conventional abrasives. SUNBURST® Radial Discs generate minimal dust and heat and eliminate the need for polishing compound.

Custom sizes for unique applications are available by request.

MADE IN USA



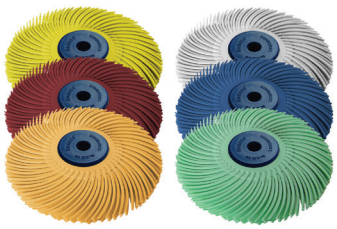
STANDARD RADIAL DISCS

COLOR	GRIT/MICRON	5/8"	7/8"	1"	2"	3"
BROWN	36 Grit	–	–	203522	–	–
DARK GREEN	50 Grit	–	–	203523	–	–
YELLOW	80 Grit	203501	203508	203524	203528	203546
WHITE	120 Grit	203502	203509	203525	203529	203547
RED	220 Grit	203503	203510	203526	203530	203548
BLUE	400 Grit	203504	203511	203527	203531	203549
PINK	600 Grit	203505	203512	–	–	–
PEACH	6 Micron	203506	203513	–	203532	203550
LIGHT GREEN	1 Micron	203507	203514	–	203533	203551

- Sold in packages of 12 pieces
- Mandrels sold separately
- Use a single disc for tight areas like slots & grooves or stack them for larger surface areas
- Stack with the Dedeco® logo facing up
- Custom sizes and grits are available upon request

3-PLY RADIAL DISCS

COLOR	GRIT/MICRON	2"	3"
YELLOW	80 Grit	203534	203552
WHITE	120 Grit	203535	203553
RED	220 Grit	203536	203554
BLUE	400 Grit	203537	203555
PEACH	6 Micron	203538	203556
LIGHT GREEN	1 Micron	203539	203557



- Sold individually
- Mandrels sold separately (see page 90 for mandrel options)
- Custom sizes and grits are available upon request

4-PLY RADIAL DISCS

COLOR	GRIT/MICRON	7/8"
YELLOW	80 Grit	203515
WHITE	120 Grit	203516
RED	220 Grit	203517
BLUE	400 Grit	203518
PINK	600 Grit	203519
PEACH	6 Micron	203520
LIGHT GREEN	1 Micron	203521

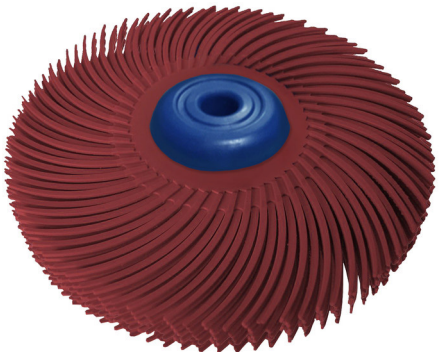


- Sold in packages of 6 pieces
- Comes mounted on a mandrel with 3/32" shank
- Custom sizes and grits are available upon request

MADE IN USA

6-PLY RADIAL DISCS

COLOR	GRIT/MICRON	2"	3"
YELLOW	80 Grit	203540	203558
WHITE	120 Grit	203541	203559
RED	220 Grit	203542	203560
BLUE	400 Grit	203543	203561
PEACH	6 Micron	203544	203562
LIGHT GREEN	1 Micron	203545	203563



- Sold individually
- Mandrels sold separately (see below for mandrel options)
- Custom sizes and grits are available upon request

MADE IN USA

MANDREL

MANDREL SIZE	ITEM	SUNBURST® USED WITH
1/8" x 1/16"	203605	5/8" and 7/8"
1/8" x 1/8"	203602	1"
1/4" x 1/16"	203603	5/8" and 7/8"
1/4" x 1/8"	203604	1"
1/4" x 1/4"	203606	2", 3", 3-Ply and 6-Ply
1/4" x 3/8"	203607	2" and 3" Standard



ADAPTER

ADAPTER	ITEM
Right Hand	203600
Left Hand	203601



- Sold individually
- Adapters for use with 2", 3", 3-Ply & 6-Ply Radial Discs with 3/8" arbor

Press-on Discs & Strips

Press-On Discs and Strips are manufactured using premium aluminum oxide grain and the highest quality pressure sensitive adhesive. The adhesive is also heat resistant which eliminates the possibility for discs to fly off during operation.

Press-On Discs are ideal for light blending and contoured areas and can be used on both ferrous and non-ferrous metals. Available in a variety of sizes and grits. Sold in packages of 100 pieces.

Press-On Strips measure 1" x 11" and are available in grits 80 – 400. They are great for polishing ribs, slots and hard-to-reach areas. Sold in packages of 25 pieces.



DIA. (IN.)	STYLE	50	80	100	120	150	180	240	320	400
1/2	PD10	08P-POD1001	08P-POD1003	08P-POD1004	08P-POD1005	–	08P-POD1007	08P-POD1008	08P-POD1009	–
3/4	PD11	–	08P-POD1103	08P-POD1104	–	–	08P-POD1107	08P-POD1108	08P-POD1109	–
1	PD12	–	08P-POD1203	08P-POD1204	08P-POD1205	08P-POD1206	08P-POD1207	08P-POD1208	08P-POD1209	08P-POD1210
1-1/2	PD13	–	08P-POD1303	08P-POD1304	08P-POD1305	–	08P-POD1307	–	08P-POD1309	–
2	PD14	–	–	–	08P-POD1405	–	08P-POD1407	08P-POD1408	08P-POD1409	–

PRESS-ON DISC HOLDERS



STYLE NO.	DIAMETER (INCHES)	ORDER NO. 1/8" SHANK SIZE	ORDER NO. 1/4" SHANK SIZE
RD10	1/2	08P-POD5010	08P-POD6010
RD11	3/4	08P-POD5011	08P-POD6011
RD12	1	08P-POD5012	08P-POD6012
RD13	1-1/2	08P-POD5013	08P-POD6013
RD14	2	–	08P-POD6014
RD15	3	–	08P-POD6015

Sold individually

ALUMINUM OXIDE PRESS-ON STRIPS



GRIT	ORDER NO.
80	08Q-POS1001
100	08Q-POS1002
120	08Q-POS1003
150	08Q-POS1004
180	08Q-POS1005
240	08Q-POS1006
320	08Q-POS1007
400	08Q-POS1008

25 strips per package

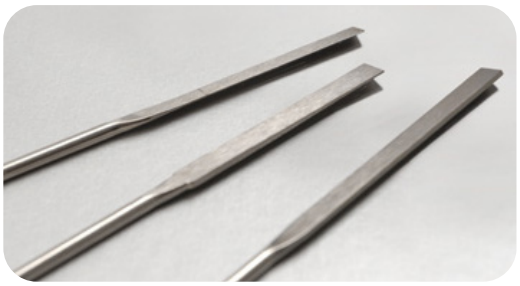
File Blanks & Press-On Strip Holder

Our Tapered Blank Files and Press-On Strip Holder are flexible and can be used with a variety of polishing products in those hard-to-reach areas of your molds and dies. Our Press-On Strips are an ideal match for these files. Sold Individually.



TAPERED BLANK FILES

Tapered Blank Files are flexible and can be used with a variety of polishing products in those hard to reach areas of molds and dies.



ITEM	SIZE
90580	1.5 x 5 x 140mm
90590	0.5 x 5 x 140mm
90600	0.4 x 6 x 130mm

PRESS-ON STRIP HOLDER

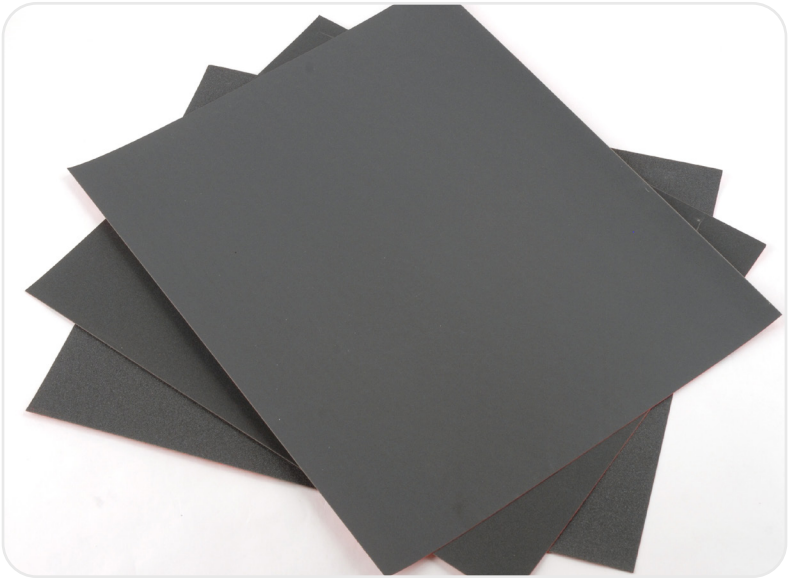
The perfect holder for our Aluminum Oxide Press-On Strips. Made of plastic and available in 1 size.



ITEM	SIZE
08Q-POS5000	1" x 11"

Abrasive Paper

Abrasive Papers from BORIDE Engineered Abrasives are used for a variety of polishing and deburring applications. Choose between Silicon Carbide and Aluminum Oxide abrasive types.



SILICON CARBIDE PAPER

Silicon Carbide Paper consists of a sharp, strong silicon carbide abrasive that offers exceptional finishing in wet applications. Available in grits 220-600.

- Extremely flexible, B-weight waterproof paper backing
- Longer life in wet applications
- Improved wet-curl resistance

ITEM	GRIT	PACK / QTY
93000	220	50
93010	240	50
93030	320	50
93050	400	50
93070	600	50

ALUMINUM OXIDE PAPER

Aluminum Oxide Paper is the ultimate choice for machine or hand sanding, deburring, polishing, and removing cutting tool marks on all metal parts. It is an outstanding paper for polishing aluminum. Available in grits 80-1200.

- Consistent finish without a deep scratch
- 30% - 50% faster cut rate than conventional aluminum oxide sheets
- Durable, yet flexible
- Superior load resistance and extended life
- Not waterproof, use with a light wetting or misting

ITEM	GRIT	PACK / QTY
93200	80	50
93220	120	100
93250	220	100
93280	320	100
93290	400	100
93300	600	100
93310	800	100
93320	1000	100
93330	1200	100

Cartridge Rolls

Resin Bond Cartridge Rolls are ideal for finishing operations on inside diameters, dead-end holds, and lapping operations. Their self-renewing feature of wearing through one layer of abrasive cloth to uncover the layer beneath makes them an excellent tool for blending where high finishes are required. They are available in a wide range of sizes and grits for every kind of application.

Always wear proper eye protection while using rotary power tool accessories. Sold in packages of 100 pieces.



RECOMMENDED RPM

DIAMETER	RPM
1/8" - 1/2"	16,000-22,000
5/8" - 1"	12,000-18,000
1" - 1-1/2"	10,000-15,000

Coarser grit and slower speed removes more material.

Finer grit and faster speed produces a finer finish.

Size No. 30R • Diameter: 1/8" • Center Hole: 5/64"

	¾" ROLL LENGTH	1" ROLL LENGTH
GRIT	ORDER NO.	ORDER NO.
80	08F-CTR4000	08F-CTR5000
100	–	08F-CTR5001
120	08F-CTR4002	08F-CTR5002
180	08F-CTR4004	08F-CTR5004
240	08F-CTR4005	08F-CTR5005
320	08F-CTR4006	08F-CTR5006

Size No. 31R • Diameter: 3/16" • Center Hole: 3/32"

	¾" ROLL LENGTH	1" ROLL LENGTH
GRIT	ORDER NO.	ORDER NO.
80	08F-CTR4100	08F-CTR5100
100	08F-CTR4101	08F-CTR5101
120	08F-CTR4102	08F-CTR5102
180	08F-CTR4104	08F-CTR5104
240	–	08F-CTR5105
320	08F-CTR4106	08F-CTR5106

Size No. 32R • Diameter: 1/4" • Center Hole: 1/8"

	¾" ROLL LENGTH	1" ROLL LENGTH	1½" ROLL LENGTH
GRIT	ORDER NO.	ORDER NO.	ORDER NO.
60	–	08F-CTR5200	08F-CTR6200
80	08F-CTR4201	08F-CTR5201	08F-CTR6201
100	–	08F-CTR5202	08F-CTR6202
120	08F-CTR4203	08F-CTR5203	08F-CTR6203
150	08F-CTR4204	–	–
180	08F-CTR4205	08F-CTR5205	08F-CTR6205
240	08F-CTR4206	08F-CTR5206	08F-CTR6206
320	08F-CTR4207	08F-CTR5207	08F-CTR6207

Size No. 33R • Diameter: 5/16" • Center Hole: 1/8"

	¾" ROLL LENGTH	1" ROLL LENGTH	1½" ROLL LENGTH
GRIT	ORDER NO.	ORDER NO.	ORDER NO.
60	–	08F-CTR5302	08F-CTR6302
80	08F-CTR4303	08F-CTR5303	08F-CTR6303
100	–	08F-CTR5304	08F-CTR6304
120	08F-CTR4305	08F-CTR5305	08F-CTR6305
150	–	08F-CTR5306	08F-CTR6306
180	–	08F-CTR5307	08F-CTR6307
240	08F-CTR4308	08F-CTR5308	08F-CTR6308
320	–	08F-CTR5309	08F-CTR6309

CARTRIDGE ROLLS

Size No. 34R • Diameter: 3/8” • Center Hole: 1/8”

	¾" ROLL LENGTH	1" ROLL LENGTH	1½" ROLL LENGTH
GRIT	ORDER NO.	ORDER NO.	ORDER NO.
60	–	08F-CTR5402	08F-CTR6402
80	08F-CTR4403	08F-CTR5403	08F-CTR6403
100	–	08F-CTR5404	08F-CTR6404
120	08F-CTR4405	08F-CTR5405	08F-CTR6405
150	–	08F-CTR5406	08F-CTR6406
180	–	08F-CTR5407	08F-CTR6407
240	08F-CTR4408	08F-CTR5408	08F-CTR6408
320	–	08F-CTR5409	08F-CTR6409

Size No. 35R • Diameter: 1/2” • Center Hole: 1/8”

	1" ROLL LENGTH	1½" ROLL LENGTH
GRIT	ORDER NO.	ORDER NO.
60	08F-CTR5502	08F-CTR6502
80	08F-CTR5503	08F-CTR6503
100	08F-CTR5504	08F-CTR6504
120	08F-CTR5505	08F-CTR6505
150	08F-CTR5506	–
180	08F-CTR5507	08F-CTR6507
240	08F-CTR5508	08F-CTR6508
320	08F-CTR5509	08F-CTR6509

Size No. 36R • Diameter: 5/8” • Center Hole: 3/16”

	1" ROLL LENGTH
GRIT	ORDER NO.
60	08F-CTR5602
80	08F-CTR5603
100	08F-CTR5604
120	08F-CTR5605
180	08F-CTR5607
240	08F-CTR5608

Different sizes and grits available upon request

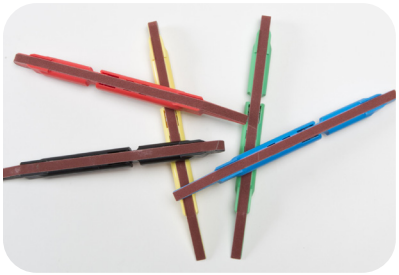
Belt Sticks

Versatile and economical for a wide variety of applications including mold finishing, metal finishing, woodworking, welding clean up, pattern making, gun repair and much more. They feature three working areas: a flat bottom, round end and a tapered end for intricate areas. Its spring-loaded tensioning device allows the abrasive belt to be quickly changed and/or rotated so that all areas of the belt can be used. The ergonomic shape of the Belt Stick adds comfort and the thumb and finger supports add control. Supplied in five colors to quickly distinguish one grit from another.



MADE IN USA

BELT STICKS



SIZE	RED 120 GRIT	BLUE 240 GRIT	GREEN 320 GRIT	YELLOW 400 GRIT	BLACK 600 GRIT
1/4 x 6	93080	93081	93082	93083	93084
1/2 x 8	93085	93086	93087	93088	93089
3/4 x 10	93090	93091	93092	93093	93094

REPLACEMENT BELTS



SOLD IN PACKAGES OF 10

SIZE	RED 120 GRIT	BLUE 240 GRIT	GREEN 320 GRIT	YELLOW 400 GRIT	BLACK 600 GRIT
1/4 x 6	93103	93104	93105	93107	93106
1/2 x 8	93095	93096	93097	93108	93098
3/4 x 10	93099	93100	93101	93109	93102



Belt Stick Kit
93110
10 Piece Belt Stick Kit includes 5 Belt Sticks in a ¼" size: 1 each of Red (120 grit), Blue (240 grit), Green (320 grit), Yellow (400 grit), Black (600 grit) each equipped with 1 abrasive belt. Replacement abrasive belts are available.

3M Micro-Finish Film Belts

Micro-Finish Film is a fast cutting abrasive for precise, uniform, close-tolerance finish. High strength polyester film backing and micron-graded aluminum oxide mineral resin is bonded for durability.

Sold individually or available in 3 different kits

MADE IN USA



THE SANDING DETAILER KIT

93130

1/4" wide x 6" long, includes 8 Sanding Detailers with 3M Micro Finishing Film Belts.

1 ea. Sanding Detailer, Black - 220 Grit / 60 µ
1 ea. Sanding Detailer, Gray - 270 Grit / 50 µ
1 ea. Sanding Detailer, Red - 320 Grit / 40 µ
1 ea. Sanding Detailer, Green - 400 Grit / 30 µ
1 ea. Sanding Detailer, Orange - 600 Grit / 15 µ
1 ea. Sanding Detailer, Yellow - 800 Grit / 14 µ)
1 ea. Sanding Detailer, White - 1000 Grit / 12 µ
1 ea. Sanding Detailer, Blue - 1200 Grit / 9 µ

THE SANDING DETAILER KIT

COARSER GRITS 93132

1 ea. Sanding Detailer, Black - 220 Grit / 60 µ
1 ea. Sanding Detailer, Gray - 270 Grit / 50 µ
1 ea. Sanding Detailer, Red - 320 Grit / 40 µ
1 ea. Sanding Detailer, Green - 400 Grit / 30 µ
5 ea. Micro-Finish Film Belts - 220 Grit / 60 µ
5 ea. Micro-Finish Film Belts - 270 Grit / 50 µ
5 ea. Micro Finish Film Belts - 320 Grit / 40 µ
5 ea. Micro Finish Film Belts - 400 Grit / 30 µ

THE SANDING DETAILER KIT

MEDIUM GRITS 93133

1 ea. Sanding Detailer Red - 320 Grit / 40 µ
1 ea. Sanding Detailer Green - 400 Grit / 30 µ
1 ea. Sanding Detailer Orange - 600 Grit / 15 µ
1 ea. Sanding Detailer Yellow - 800 Grit / 4 µ
5 ea. Micro-Finish Film Belts - 320 Grit / 40 µ
5 ea. Micro-Finish Film Belts - 400 Grit / 30 µ
5 ea. Micro Finish Film Belts - 600 Grit / 15 µ
5 ea. Micro Finish Film Belts - 800 Grit / 4 µ

THE SANDING DETAILER KIT

FINE GRITS 93131

1 ea. Sanding Detailer, Orange - 600 Grit / 15 µ
1 ea. Sanding Detailer, Yellow - 800 Grit / 4 µ
1 ea. Sanding Detailer, White - 1000 Grit / 12 µ
1 ea. Sanding Detailer, Blue - 1200 Grit / 9 µ
5 ea. Micro-Finish Film Belts - 600 Grit /15 µ
5 ea. Micro-Finish Film Belts - 800 Grit / 14 µ
5 ea. Micro Finish Film Belts - 1000 Grit / 12 µ
5 ea. Micro Finish Film Belts -1200 Grit / 9 µ

3M BELT STICKS WITH BELT 1/4" X 6"



ITEM	COLOR	GRIT	MICRON
93140	Black	220 Grit	60 µ
93141	Gray	270 Grit	50 µ
93142	Red	320 Grit	40 µ
93143	Green	400 Grit	30 µ
93144	Orange	600 Grit	15 µ
93145	Yellow	800 Grit	14 µ
93146	White	1000 Grit	12 µ
93147	Blue	1200 Grit	9 µ

REPLACEMENT BELTS SOLD IN PACKAGES OF 10



ITEM	COLOR	GRIT	MICRON
93120	Black	220 Grit	60 µ
93121	Gray	270 Grit	50 µ
93122	Red	320 Grit	40 µ
93123	Green	400 Grit	30 µ
93124	Orange	600 Grit	15 µ
93125	Yellow	800 Grit	14 µ
93126	White	1000 Grit	12 µ
93127	Blue	1200 Grit	9 µ

Mandrels

A wide selection of mandrels for use with Unmounted Wheels, Points, Felts, Cartridge Rolls and other products. Selection includes wheel mandrels, heavy duty mandrels, felt wheel and bob mandrels, and pilot mandrels.



MADE IN USA

WHEEL MANDRELS



STYLE NO.	105	106	108	109	110	111
ORDER NO.	08S-MDR0105	08S-MDR0106	08S-MDR0108	08S-MDR0109	08S-MDR0110	08S-MDR0111
SCREW	1/16	1/16	1/16	1/16	1/16	1/8
SHANK	3/32	3/32	1/8	1/8	1/8	1/8



STYLE NO.	112	113	114	116
ORDER NO.	08S-MDR0112	08S-MDR0113	08S-MDR0114	08S-MDR0116
SCREW	1/8	1/8	1/4	1/4
SHANK	1/8	1/8	1/8	1/4

PILOT MANDRELS



STYLE NO.	ORDER NO.	PILOT DIAMETER	PILOT LENGTH	SHANK DIAMETER
PM-1	08G-PLM1001	5/64”	1”	1/8”
PM-2	08G-PLM1002	3/32”	1”	1/8”
PM-3	08G-PLM1003	1/8”	1/2”	1/8”
PM-4	08G-PLM1004	1/8”	3/4”	1/8”
PM-5	08G-PLM1005	1/8”	1”	1/8”
PM-6	08G-PLM1006	1/8”	1/2”	1/4”
PM-7	08G-PLM1007	1/8”	3/4”	1/4”
PM-8	08G-PLM1008	1/8”	1”	1/4”
PM-12	08G-PLM1012	3/16”	3/4”	1/4”
PM-13	08G-PLM1013	3/16”	1”	1/4”
PM-16	08G-PLM1016	1/4”	1”	1/4”
PM-17	08G-PLM1017	1/4”	1-1/2”	1/4”

SPECIAL LONG LENGTH PILOT MANDRELS & OLD STYLE PM-2

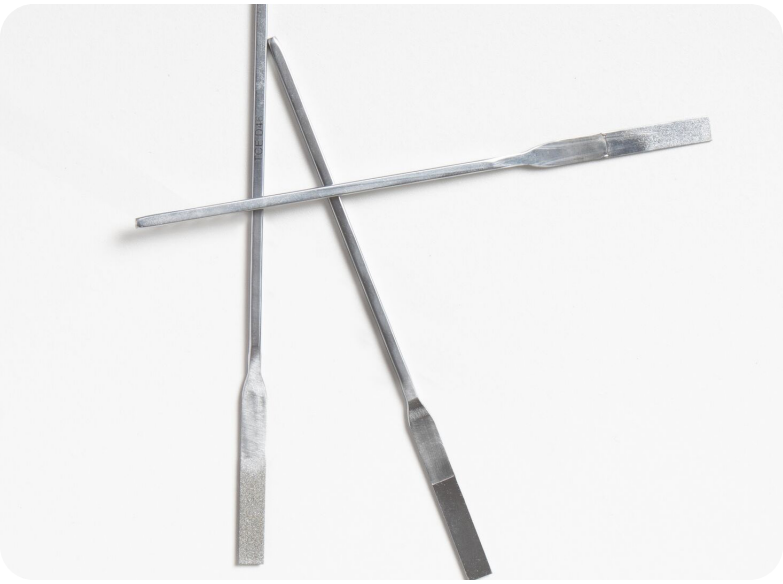


STYLE NO.	ORDER NO.	OVERALL LENGTH	PILOT DIAMETER	PILOT LENGTH	SHANK DIAMETER
PM-2 Special	08G-PLM1020	4”	3/32”	1”	1/4”
PM-8 Special	08G-PLM1021	4”	1/8”	1”	1/4”
PM-8 Special	08G-PLM1022	6”	1/8”	1”	1/4”
PM-13 Special	08G-PLM1023	6”	3/16”	1”	1/4”

CT Contact Diamond Files

These diamond files are commonly used in the mold and die industry for very accurate applications as well as in the electric, electronic and automotive industries.

Total Length: 116mm
Diamond Coated Length: 20mm
3.0 mm Round Shank



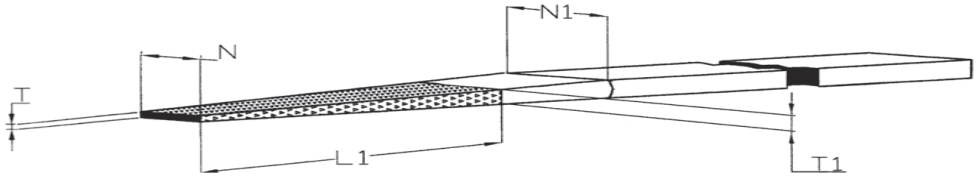
SHAPE	DESCRIPTION	SIZE (mm)	200 GRIT	300 GRIT
	1-Side	5.0 x 0.4	9042	9043
	2-Side	5.0 x 0.4	9044	9045

DH Diamond Files

Designed for the aluminum extruder and plastic mold industry, the main application of these tapered files is filing inside slots and grooves where access with parallel files is impossible.

Total Length: 170mm
Diamond Coated Length: 50mm
Standard flat handle





GRIT	N1 (mm)	T1 (mm)	TOTAL LENGTH (mm)	ITEM
120	4.0	2.0	170	9034
120	10	2.4	170	9033
200	4.0	2.0	170	9036/9037 (Sharp)
200	6.0	2.4	170	9038
200	8.0	2.4	170	9040
300	4.0	2.0	170	9035
300	8.0	2.4	170	9039



DH DIAMOND FILE KIT

9041

2 of each of the following:

- 120 Grit 4 x 2 x 170mm
- 200 Grit 4 x 2 x 170mm
- 200 Grit 6 x 2.4 x 170mm

1 of each of the following:

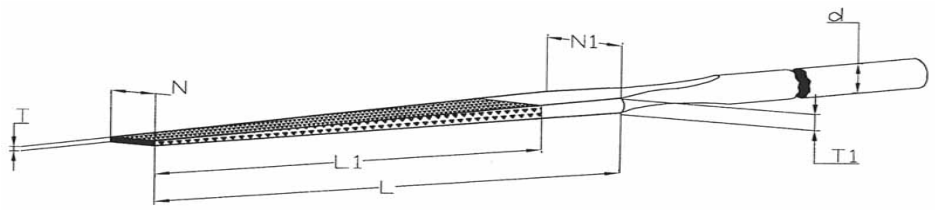
- 200 Grit 4 x 2 x 170mm (Sharp)
- 200 Grit 8 x 2.4 x 170mm
- 300 Grit 4 x 2 x 170mm
- 300 Grit 8 x 2.4 x 170mm

DHM Diamond Files

Designed for the aluminum extruder and plastic mold industry, the main application of these tapered files is filing inside slots and grooves where access with parallel files is impossible.

Total Length: 130mm
Diamond Coated Length: 30mm
3.0mm round shank, can be used by hand or in any reciprocating filing machine



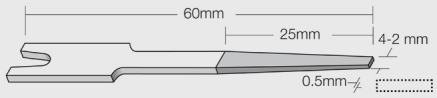
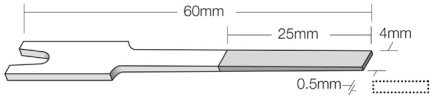
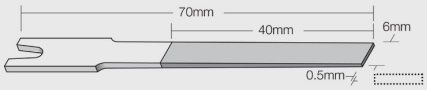
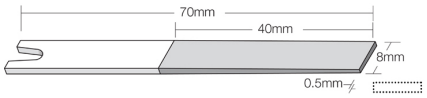
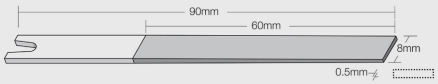
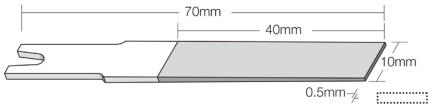
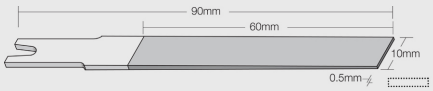


GRIT	N1 (mm)	T1 (mm)	d (mm)	TOTAL LENGTH (mm)	ITEM
200	2.0	30	3.0	130	9070
200	4.0	30	3.0	130	9071
200	6.0	30	3.0	130	9072
300	2.0	30	3.0	130	9073
300	4.0	30	3.0	130	9074
300	6.0	30	3.0	130	9075
600	2.0	30	3.0	130	9076
600	4.0	30	3.0	130	9077
600	6.0	30	3.0	130	9078

Diamond Tip Lapper Files

Specifically designed for use in high speed, short stroke profilers, these Diamond Tip Lapper Files have a unique design which locks the file in place. Precisely manufactured from the highest quality diamond they are excellent for hard to reach ribs and slots and detail areas.



	SIZE (mm)	120 GRIT	150 GRIT	200 GRIT
	0.5 x 4-2 x 60	9964	9965	9966
	0.5 x 4 x 60	9967	9968	9969
	0.5 x 6 x 70	9970	9971	9972
	0.5 x 8 x 70	9973	9974	9975
	0.5 x 8 x 90	9976	9977	9978
	0.5 x 10 x 70	9979	9980	9981
	0.5 x 10 x 90	9982	9983	9984



DIAMOND TIP LAPPER FILE KIT

9985

Kit includes 1 of each of the following:

- 0.5 x 4-2 x 60mm, 150 & 200 grit
- 0.5 x 4 x 60mm, 150 & 200 grit
- 0.5 x 6 x 70mm, 150 & 200 grit
- 0.5 x 8 x 90mm, 150 & 200 grit
- 0.5 x 10 x 90mm, 150 & 200 grit

Flexi Files (Plastic)

Flexi Files are the first files to be made on a non-steel based blank. These flat files are made on a special composite material which allows it to be flexible, yet extremely strong and light.



PLASTIC

Width 14mm x Plated Length 88mm x Length 170mm

ITEM	GRIT SIZE
9608	400
9609	200
9610	120

Super Flex Files (Metal)

Super Flex Files are unique metal files that are strong yet extremely thin, long and flexible for use in narrow slots where access is difficult.



METAL

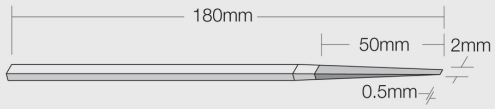
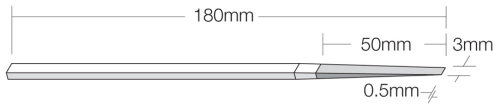
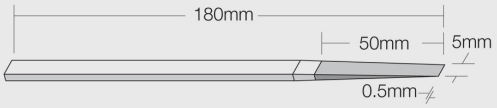
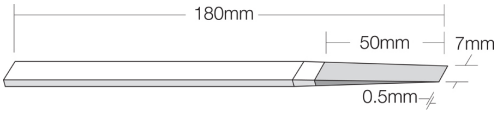
Width 12.7mm x Plated Length 50mm x Length 180mm

ITEM	THICKNESS (MM AFTER PLATING)	GRIT SIZE
9600	0.17	1200
9601	0.27	1200
9602	0.2	600
9603	0.3	600
9604	0.4	400
9605	0.5	400
9606	0.6	170
9607	0.8	170

Hand Taper Diamond Files

Our Hand Taper Diamond Files are precision manufactured with the highest quality diamond and give polishers easy access in difficult areas, such as ribs and slots.



	SIZE (mm)	80 GRIT	120 GRIT	200 GRIT	320 GRIT
	0.5 x 1 x 180	9960	9911	9912	9913
	0.5 x 3 x 180	9961	9908	9909	9910
	0.5 x 5 x 180	9962	9905	9906	9907
	0.5 x 7 x 180	9963	9902	9903	9904



HAND TAPER FILES – 12 PC ASSORTMENT KIT

9914

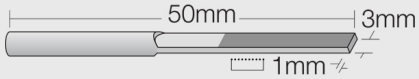
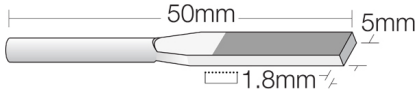
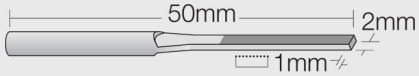
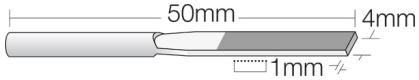
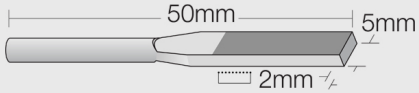
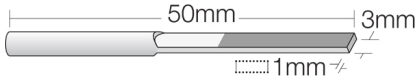
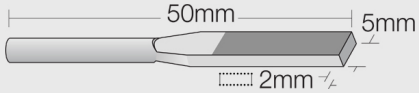
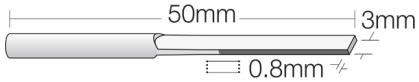
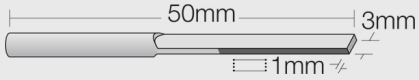
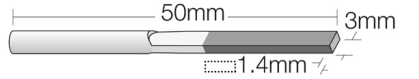
Kit includes 1 of each of the following:

- 0.5 x 2 x 180mm, 120, 200 & 320 grit
- 0.5 x 3 x 180mm, 120, 200 & 320 grit
- 0.5 x 5 x 180mm, 120, 200 & 320 grit
- 0.5 x 7 x 180mm, 120, 200 & 320 grit

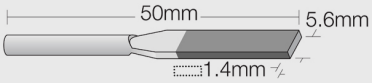
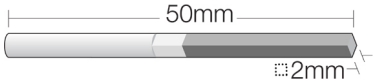
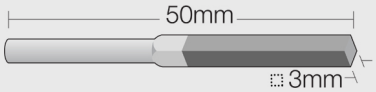
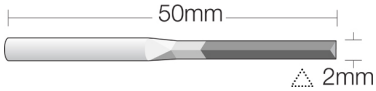
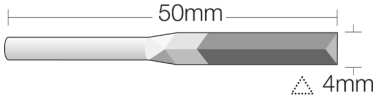
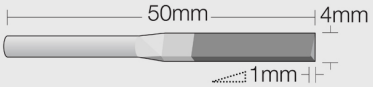
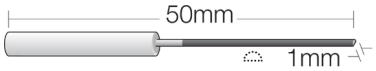
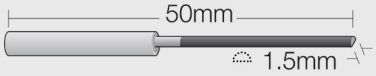
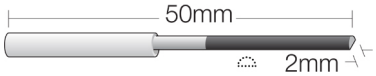
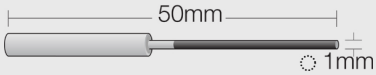
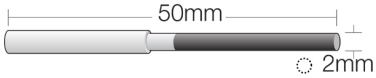
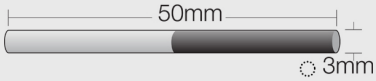
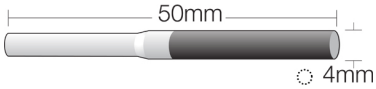
Machine Files (150 grit)

Our Machine Diamond Files are precision manufactured with the highest quality diamond for use in reciprocating hand-pieces. All with 3mm mandrels.



	SIZE (mm)	150 GRIT
	1 x 3 x 50mm, 1-side	9926
	1.8 x 5 x 50mm, 1-side	9927
	1 x 2 x 50mm, 1-side	9928
	1 x 4 x 50mm, 1-side	9929
	2 x 5 x 50mm, 1-side	9930
	1 x 3 x 50mm, 2-sides	9931
	1 x 2 x 50mm, 2-sides	9932
	.08 x 3 x 50mm, 2-sides	9933
	1 x 3 x 50mm, 2-sides	9934
	1.4 x 3 x 50mm, 4-sides	9935

DIAMOND FILES

	SIZE (mm)	150 GRIT
	1.4 x 5.6 x 50mm, 4-sides	9936
	2 x 2 x 50mm, 4-sides	9944
	3 x 3 x 50mm, 4-sides	9945
	2 x 50mm, TRI 3-sides	9946
	3 x 50mm, TRI 3-sides	9947
	4 x 50mm, TRI 3-sides	9948
	1 x 4 x 50mm, TRI 3-sides	9950
	1 x 50mm, Half Round	9937
	1.5 x 50mm, Half Round	9938
	2 x 50mm, Half Round	9939
	1 x 50mm, Round	9940
	2 x 50mm, Round	9941
	3 x 50mm, Round	9942
	4 x 50mm, Round	9943
	2.3 x 3.5 x 50mm, Ellipse	9949

Needle Files

These needle files are perfect for grinding different metals and hard materials such as tungsten carbide, steels of 40Hrc and harder, ceramic materials, and glass.

Total Length: 140 mm
Diamond Coated Length: 70 mm
3.0 mm Round Shank



SHAPE	DESCRIPTION	SIZE (mm)	80 GRIT	120 GRIT	200 GRIT	
	Barrette	5.0 x 1.7	07C-DNF3008	07C-DNF2008	07C-DNF1008	
	Equalling	5.1 x 1.4	07C-DNF3000	07C-DNF2000	07C-DNF1000	
	Equalling One Side	4.8 x 1.3	–	9002	9015	
	Equalling Round Edge	5.1 x 1.5	–	9003	9016	
	Warding	5.2 x 1.4	07C-DNF3004	07C-DNF2004	07C-DNF1004	
	Three Square	3.9	07C-DNF3005	07C-DNF2005	07C-DNF1005	
	Square	2.5	07C-DNF3006	07C-DNF2006	07C-DNF1006	
	Half Round	5.4 x 1.9	07C-DNF3001	07C-DNF2001	07C-DNF1001	
	Round	3.0	07C-DNF3007	07C-DNF2007	07C-DNF1007	
	Knife	5.4 x 1.6	07C-DNF3003	07C-DNF2003	07C-DNF1003	
	Slitting	5.1 x 2.3	07C-DNF3009	07C-DNF2009	07C-DNF1009	
	Crossing	4.7 x 2.2	07C-DNF3002	07C-DNF2002	07C-DNF1002	



NEEDLE FILE HOLDER

029971

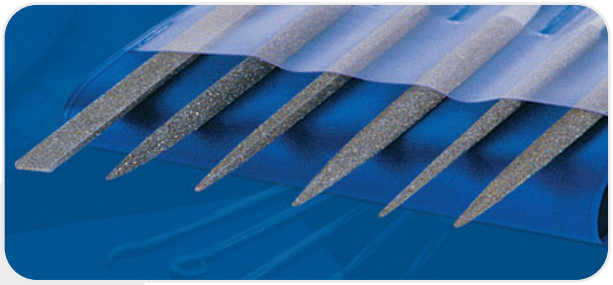
Extra Slim Needle Files

These needle files are perfect for grinding different metals and hard materials such as tungsten carbide, steels of 40Hrc and harder, ceramic materials, and glass.

Total Length: 140 mm
Diamond Coated Length: 70 mm
3.0 mm Round Shank



SHAPE	DESCRIPTION	SIZE (mm)	120 GRIT	200 GRIT	300 GRIT
	Equalling	5.1 x 0.9	9050	9055	9060
	Three Square	2.7	9051	9056	9061
	Square	2.9	9052	9057	9062
	Half Round	3.8 x 1.5	9053	9058	9063
	Round	2.8	9054	9059	9064

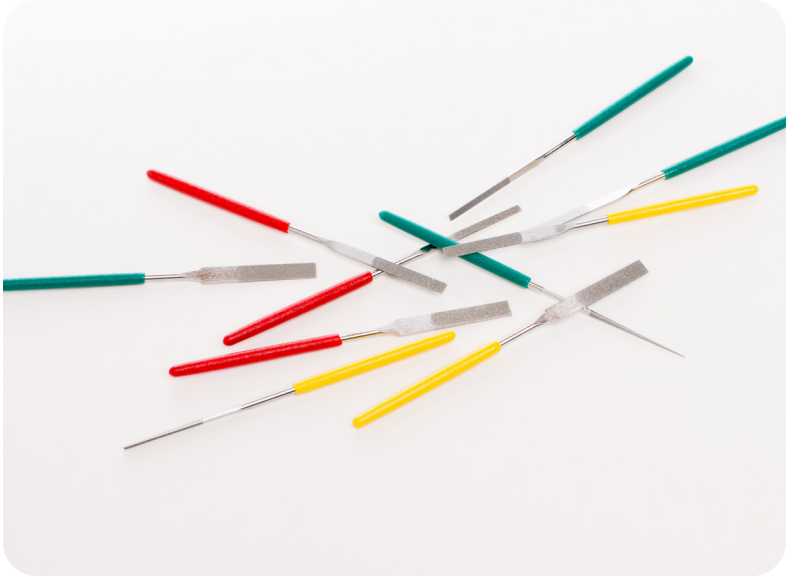


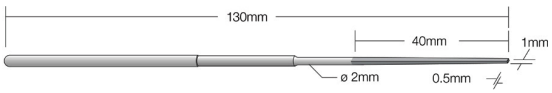
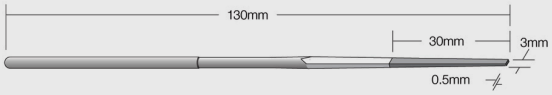
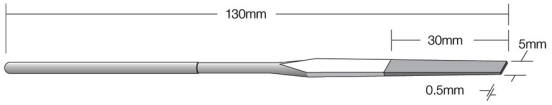
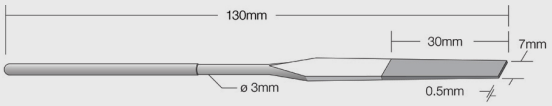
DIAMOND NEEDLE FILE KIT

6 Piece Kit includes the following 3 files in 120 Grit and 200 Grit.		#9026
	Equalling	9001, 9014
	Half Round	9008, 9021
	Round	9009, 9022

Needle Taper Diamond Files

Our Needle Taper Diamond Files are precision manufactured with the highest quality diamond allowing mold and die polishers easy access in difficult areas like ribs and slots.



	SIZE (mm)	140 GRIT	200 GRIT	320 GRIT
	0.5 x 1 x 130	–	–	9924
	0.5 x 3 x 130	9921	9922	9923
	0.5 x 5 x 130	9918	9919	9920
	0.5 x 7 x 130	9915	9916	9917



NEEDLE TAPER FILES – 10 PC ASSORTMENT KIT

9925

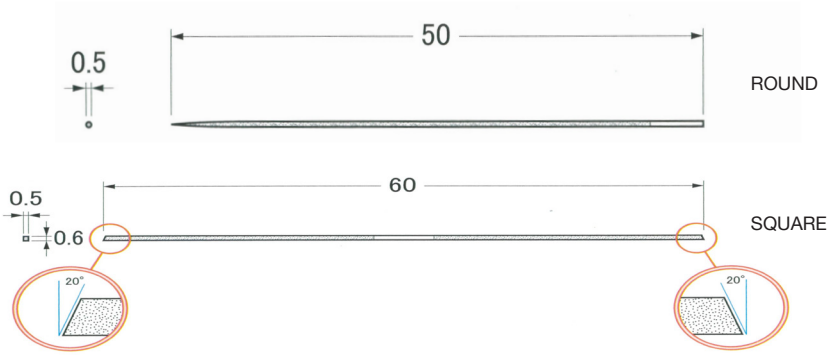
Kit includes 1 of each of the following:

- 0.5 x 1 x 130mm, 320 grit
- 0.5 x 3 x 130mm, 140, 200 & 320 grit
- 0.5 x 5 x 130mm, 140, 200 & 320 grit
- 0.5 x 7 x 130mm, 140, 200 & 320 grit

Spire Diamond Files

Spire Diamond Files are very thin and flexible electro-plated diamond files with excellent durability and grinding force. Functional, efficient and ideal file for polishing narrow and small spaces such as deep ribs and slots. For use in our double ended round holder.





GRIT	SHAPE	SIZE	ITEM
400	Round	0.5 x 50 mm	9100
600	Round	0.5 x 50 mm	9102
400	Square	0.5 x 0.6 x 50 mm	9103
600	Square	0.5 x 0.6 x 50 mm	9104



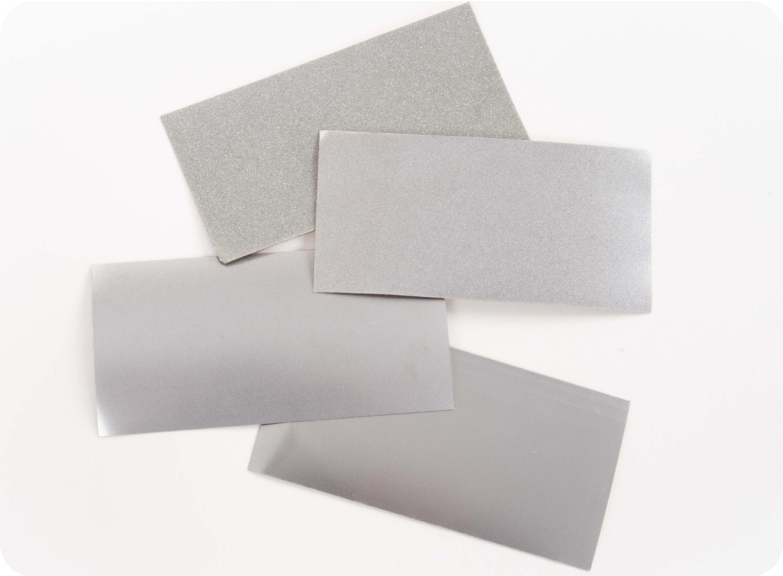
HAND HOLDER FOR SPIRE DIAMOND FILE

9105

- Double ended
- File can be held in the center position or in a side position
- Easy to grip round knurled handle

Diamond Foil

Fast cutting plated diamond foil in 2" x 4" sheets. Applied to flexible, adhesive backing sheet. Foil can also be glued to different sized tools and cut to size. 1 sheet per pack.



120 GRIT	150 GRIT	200 GRIT	600 GRIT	800 GRIT	1200 GRIT
95000	95010	95020	95040	95050	95060

Phono Points

High-quality miniature points with full-size, long-lasting diamonds used for precision intricate, small radius dressing. Overall length is 1” with a 1/8” shank.

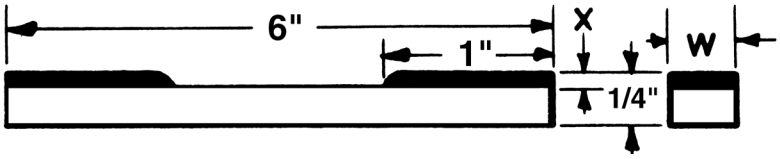


ANGLE	90°	75°	60°
ORDER NO.	07M-PPT1090	07M-PPT1075	07M-PPT1060

Diamond Hone

Sharpen, repair, and restore your edges quickly with this dual grit diamond hone.





GRIT SIDE 1	GRIT SIDE 2	ORDER NO.	W SIZE (INCHES)	X SIZE (INCHES)
150	320	07I-DHN1005	1/4”	1/16”

Diamond Wheel Dressing Stick

Soft aluminum oxide abrasive for cleaning diamond wheels to re-expose the diamond particles.



STYLE NO.	ORDER NO.	SIZE (INCHES)
DS-80	07Z-MSC1200	1/2 x 1/2 x 6

Mounted Points & Wheels

Made in the USA Mounted Points & Wheels can be used in many different applications for material removal, roughing, blending, deburring and finishing. Manufactured from premium aluminum oxide and special bonding materials, our Mounted Points & Wheels provide rapid stock removal and long life. They are carefully formed and securely mounted on the mandrels to run true. Available in industry standard “B” and “W” shapes and a variety of formulations and grits to meet the needs of nearly any application.

Our Falcon Tool & BORIDE Blue formulations are slightly different. BORIDE specifications are finer & harder catered toward mold & die applications, where as Falcon Tool’s are coarser & softer resulting in a great general purpose point.

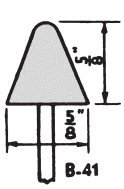


MADE IN USA

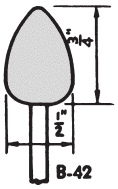
CHOOSING THE CORRECT FORMULATION AND/OR GRIT

COLOR	HARDNESS	ABRASIVE TYPE	DESCRIPTION
BORIDE Blue	Hard / Fine	Semi-Friable Aluminum Oxide	Most popular for mold & die applications. Used to grind low to high carbon steels. Holds shape very well while cutting fast & leaving a smooth finish.
FALCON Blue	Hard / Coarse	Semi-Friable Aluminum Oxide	Similar to BORIDE’s blue formulation with specifications that are slightly coarser and softer. Great for general purpose applications.
Red / Brown	Medium	Friable Aluminum Oxide	Fast cutting & non-loading with a clay bond structure for stability and life. A good general purpose choice for mild steel.
White	Soft	Friable Aluminum Oxide	Very fine, offers a great surface finish.
Purple	Hard / Sharp Cutting	Friable Pink Aluminum Oxide & Sol Gel Ceramic Grain	Long-lasting, cool running & non-loading. For use on all ferrous & non-ferrous metals including high nickel & exotic alloys for the aerospace industry.
Pink	Medium	Friable Pink Aluminum Oxide Alloyed w/ Chrome	Exceptionally tough & durable with sharp cutting action. Offers fast, cool cutting & will not load. Excellent form holding characteristics that make these the perfect application selection for work on harder alloys and tool steels.

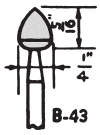
B SHAPES



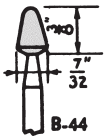
5/8 x 5/8



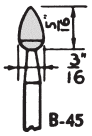
1/2 x 3/4



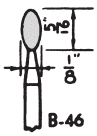
1/4 x 5/16



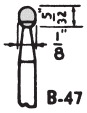
7/32 x 3/8



3/16 x 5/16

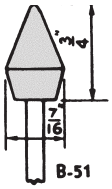


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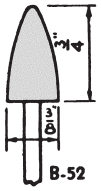


1/8 x 5/32

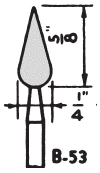
COLOR	MANDREL	B41	B42	B43	B44	B45	B46	B47
BORIDE Blue	1/8"	–	204283	–	204483	204583	–	–
	3mm	204133	204233	204333	204433	204533	–	–
FALCON Blue	1/8"	05A-MPT1041	05A-MPT1042	05A-MPT1043	05A-MPT1044	05A-MPT1045	05A-MPT1046	05A-MPT1047
Red /Brown	1/8"	05A-MPT2041	05A-MPT2042	–	204481	05A-MPT2045	–	–
	3mm	–	–	–	204431	204531	–	–
Pink	1/8"	–	241240	–	241244	241248	–	–
	3mm	–	241242	–	241246	241250	–	–



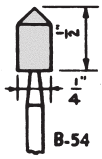
7/16 x 3/4



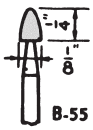
3/8 x 3/4



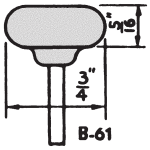
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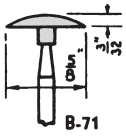
1/4 x 1/2



1/8 x 1/4

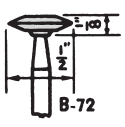


3/4 x 5/16

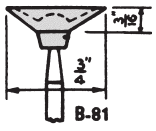


5/8 X 1/8

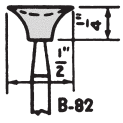
COLOR	MANDREL	B51	B52	B53	B54	B55	B61	B71
BORIDE Blue	1/8"	205183	205283	205383	–	205583	–	–
	3mm	205133	205233	205333	–	205533	–	–
FALCON Blue	1/8"	05A-MPT1051	05A-MPT1052	05A-MPT1053	05A-MPT1054	05A-MPT1055	05A-MPT1061	05A-MPT1071
Red /Brown	1/8"	–	205281	205381	–	05A-MPT2055	–	–
	3mm	–	205231	205331	–	205531	–	–
White	1/8"	–	05A-MPT3052	05A-MPT3053	–	–	–	–
Pink	1/8"	–	241252	241256	–	241260	–	–
	3mm	–	205234	241258	–	241262	–	–



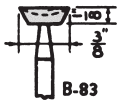
1/2 X 1/8



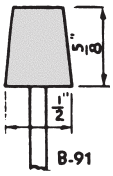
3/4 x 3/16



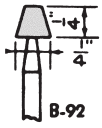
1/2 x 1/4



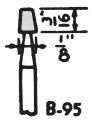
3/8 x 3/16



1/2 x 5/8



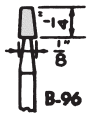
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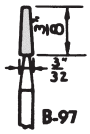
1/8 X 3/16

COLOR	MANDREL	B72	B81	B82	B83	B91	B92	B95
FALCON Blue	1/8"	05A-MPT1072	05A-MPT1081	05A-MPT1082	05A-MPT1083	05A-MPT1091	05A-MPT1092	05A-MPT1095
Red /Brown	1/8"	05A-MPT2072	–	–	–	209181	–	–

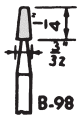
B SHAPES



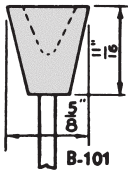
1/8 X 1/4



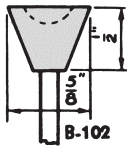
1/8 X 3/8



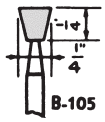
3/32 X 1/4



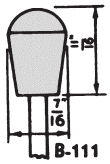
5/8 X 11/16



5/8 X 1/2

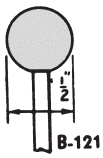


1/4 X 1/4

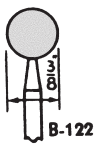


7/16 X 11/16

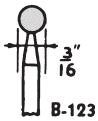
COLOR	MANDREL	B96	B97	B98	B101	B102	B105	B111
BORIDE Blue	1/8"	209683	209783	209883	–	–	210583	–
	3mm	209633	209733	209833	–	–	–	–
FALCON Blue	1/8"	05A-MPT1096	05A-MPT1097	05A-MPT1098	05A-MPT1101	05A-MPT1102	05A-MPT1105	05A-MPT1111
Red /Brown	1/8"	209681	209781	–	–	–	–	–
	3mm	209631	209731	209831	–	–	–	–
White	1/8"	05A-MPT3096	05A-MPT3097	–	–	–	–	–
Pink	1/8"	–	241264	–	–	–	–	–
	3mm	–	241266	–	–	–	–	–



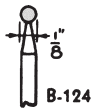
1/2 X 1/2



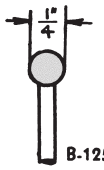
3/8 X 3/8



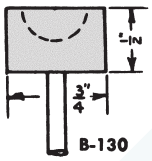
3/16 X 3/16



1/8 X 1/8

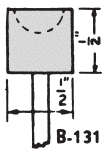


1/4 X 1/4

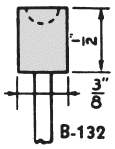


3/4 X 1/2

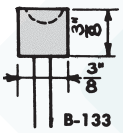
COLOR	MANDREL	B121	B122	B123	B124	B125	B130
BORIDE Blue	1/8"	212183	212283	212383	212483	212583	–
	3mm	212133	212233	212333	212433	212533	–
FALCON Blue	1/8"	05A-MPT1121	05A-MPT1122	05A-MPT1123	05A-MPT1124	05A-MPT1125	05A-MPT1130
Red /Brown	1/8"	–	05A-MPT2122	212381	212481	212581	–
	3mm	–	–	212331	212431	212531	–
White	1/8"	–	–	05A-MPT3123	05A-MPT3124	05A-MPT3125	–
Pink	1/8"	–	241306	–	–	–	–
	3mm	241314	241304	241267	241269	–	–



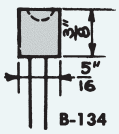
1/2 X 1/2



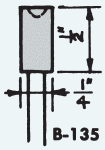
3/8 X 1/2



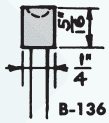
3/8 X 3/8



5/16 X 3/8



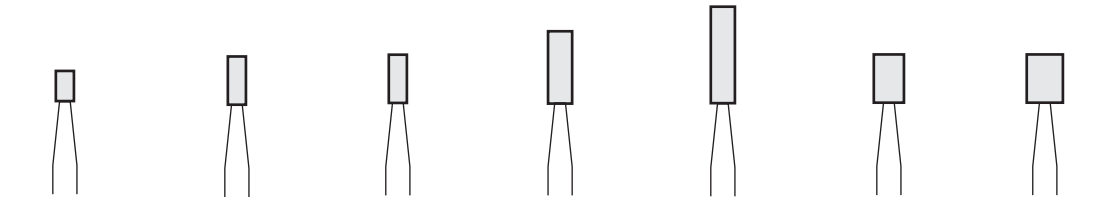
1/4 X 1/2



1/4 X 5/16

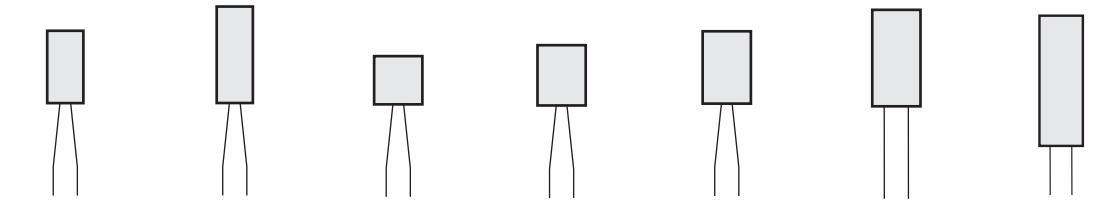
COLOR	MANDREL	B131	B132	B133	B134	B135	B136
BORIDE Blue	1/8"	–	–	213383	–	213583	–
	3mm	–	213233	213333	–	213533	–
FALCON Blue	1/8"	05A-MPT1131	05A-MPT1132	05A-MPT1133	05A-MPT1134	05A-MPT1135	05A-MPT1136
Red /Brown	1/8"	–	213281	–	–	213581	–
	3mm	–	213231	213331	–	213531	–
Pink	1/8"	–	241268	–	–	241272	–
	3mm	–	241270	–	–	241274	–

W SHAPES



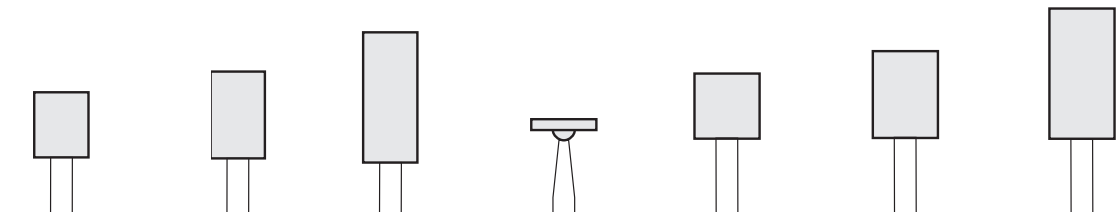
3/32 x 5/32 | 3/32 x 1/4 | 1/8 x 1/4 | 1/8 x 3/8 | 1/8 x 1/2 | 5/32 X 1/4 | 3/16 X 1/4

COLOR	MANDREL	W141	W142	W144	W145	W146	W149	W152
BORIDE Blue	1/8"	–	214283	214483	214583	214683	–	–
	3mm	–	214233	214433	214533	214633	214933	215233
FALCON Blue	1/8"	05B-MWH1141	05B-MWH1142	05B-MWH1144	05B-MWH1145	05B-MWH1146	05B-MWH1149	05B-MWH1152
Red /Brown	1/8"	–	214281	05B-MWH2144	05B-MWH2145	214681	–	–
	3mm	–	214231	214431	214531	214631	214931	215231
White	1/8"	–	05B-MWH3142	05B-MWH3144	05B-MWH3145	05B-MWH3146	–	05B-MWH3152
Pink	1/8"	–	–	241276	241280	241284	–	–
	3mm	–	244233	241278	241282	241286	–	–



3/16 X 3/8 | 3/16 X 1/2 | 1/4 X 1/4 | 1/4 X 5/16 | 1/4 X 3/8 | 1/4 X 1/2 | 1/4 X 3/4

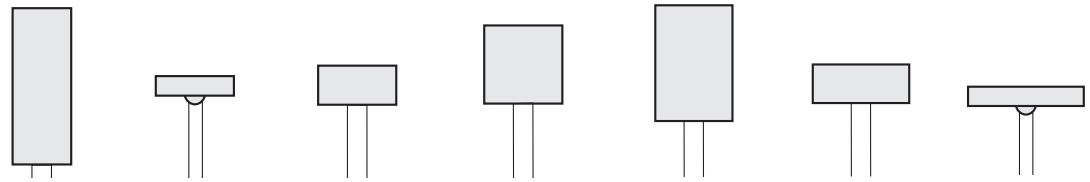
COLOR	MANDREL	W153	W154	W160	W161	W162	W163	W164
BORIDE Blue	1/8"	215383	215483	216083	216183	216283	216383	–
	3mm	215333	215433	216033	–	216233	216333	–
FALCON Blue	1/8"	05B-MWH1153	05B-MWH1154	05B-MWH1160	05B-MWH1161	05B-MWH1162	05B-MWH1163	05B-MWH1164
Red /Brown	1/8"	215381	215481	–	–	05B-MWH2162	216381	05B-MWH2164
	3mm	215331	215431	216031	–	216231	216331	–
White	1/8"	05B-MWH3153	05B-MWH3154	–	–	MWH3162	05B-MWH3163	–
Pink	1/8"	241288	241302	–	–	241292	241296	241308
	3mm	241290	241300	–	–	241294	241298	–



5/16 X 3/8 | 5/16 X 1/2 | 5/16 X 3/4 | 3/8 X 1/16 | 3/8 X 3/8 | 3/8 X 1/2 | 3/8 X 3/4

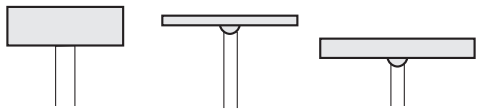
COLOR	MANDREL	W169	W170	W171	W172	W175	W176	W177
BORIDE Blue	1/8"	–	217083	–	–	–	217683	–
	3mm	–	217033	217133	–	217533	217633	–
FALCON Blue	1/8"	05B-MWH1169	05B-MWH1170	05B-MWH1171	05B-MWH1172	05B-MWH1175	05B-MWH1176	05B-MWH1177
Red /Brown	1/8"	–	217081	–	–	–	217681	–
	3mm	–	–	–	–	–	217631	–
White	1/8"	–	–	05B-MWH3171	–	–	05B-MWH3176	–

W SHAPES



3/8 X 1 | 1/2 X 1/8 | 1/2 X 1/4 | 1/2 X 1/2 | 1/2 X 3/4 | 5/8 X 1/4 | 3/4 X 1/8

COLOR	MANDREL	W178	W182	W183	W185	W186	W192	W200
BORIDE Blue	1/8"	–	–	–	218583	–	–	220083
	3mm	–	218233	218833	–	–	–	–
FALCON Blue	1/8"	05B-MWH1178	05B-MWH1182	05B-MWH1183	05B-MWH1185	05B-MWH1186	05B-MWH1192	05B-MWH1200
White	1/8"	–	05B-MWH3182	–	05B-MWH3185	–		
Red /Brown	1/8"	–	218281	–	–	05B-MWH2186	05B-MWH2192	220081
Pink	3mm	–	–	–	241312	–	–	–

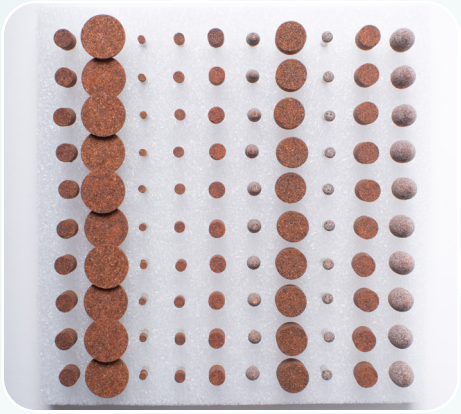


3/4 X 1/4 | 7/8 X 1/16 | 1 X 1/8

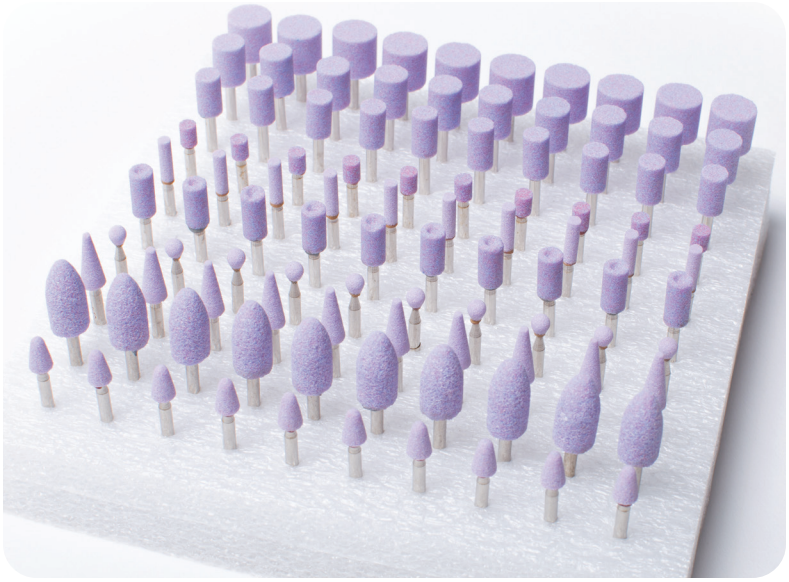
COLOR	MANDREL	W201	W210	W215
FALCON Blue	1/8"	05B-MWH1201	05B-MWH1210	05B-MWH1215







Premium Purple Mounted Points & Wheels



Premium Purple Mounted Points & Wheels are manufactured with Premium Pink fused aluminum oxide grain combined with unique Sol Gel ceramic grain for an extremely long lasting, but cool cutting mounted point. Double the life of a standard mounted point in most cases, the Premium Purple can be used on all ferrous & non-ferrous materials. They offer less loading & cooler running lessening the possibility of thermal damage during polishing. Other shapes and sizes available upon request. Made in USA!

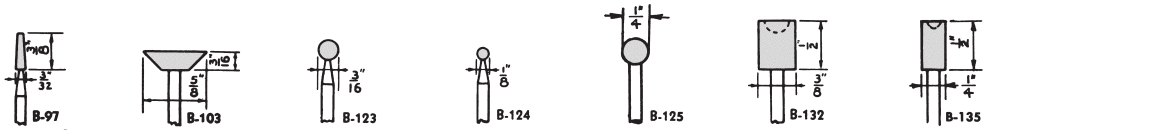
MADE IN USA

B SHAPES



1/4 x 5/16 | 7/32 x 3/8 | 3/16 x 5/16 | 7/16 x 3/4 | 3/8 x 3/4 | 1/4 x 5/8 | 1/8 x 1/4 | 1/2 x 1/8

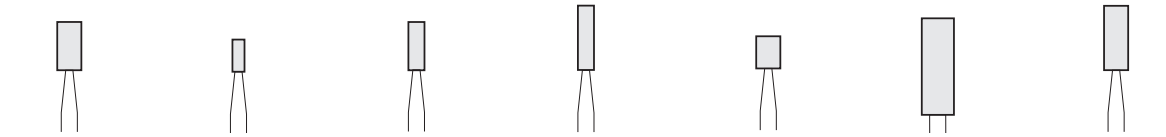
GRIT	MANDREL	B43	B44	B45	B51	B52	B53	B55	B73
80	1/8"	241110	–	–	241114	241118	–	–	241122
	3mm	241112	–	–	241116	241120	–	–	241124
100	1/8"	–	241134	241138	–	–	–	–	–
	3mm	–	241136	241140	–	–	–	–	–
120	1/8"	–	–	–	–	–	241154	241158	–
	3mm	–	–	–	–	–	241156	241160	–



1/8 x 3/8 | 5/8 x 3/16 | 3/16 x 3/16 | 1/8 x 1/8 | 1/4 x 1/4 | 3/8 x 1/2 | 1/4 x 1/2

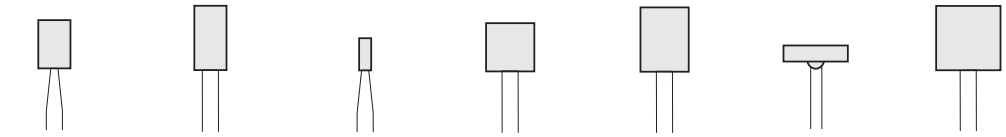
GRIT	MANDREL	B97	B103	B123	B124	B125	B132	B135
80	1/8"	–	–	–	–	–	241126	241130
	3mm	–	–	–	–	–	241128	241132
100	1/8"	–	241142	241146	–	241150	–	–
	3mm	–	241144	241148	–	241152	–	–
120	1/8"	241162	–	–	241166	–	–	–
	3mm	241164	–	–	241168	–	–	–

W SHAPES



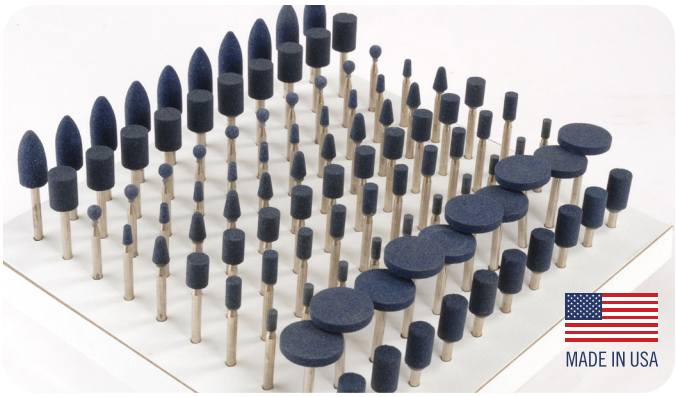
3/32 x 1/4 | 1/8 x 1/4 | 1/8 x 3/8 | 1/8 x 1/2 | 3/16 x 1/4 | 3/16 x 3/8 | 3/16 x 1/2 | 1/4 X 1/4

GRIT	MANDREL	W142	W144	W145	W146	W152	W153	W154	W160
80	1/8"	–	–	–	–	241170	241174	241178	241182
	3mm	–	–	–	–	241172	241176	241180	241184
120	1/8"	241216	241220	241224	241228	–	–	–	–
	3mm	241218	241222	241226	241230	–	–	–	–



1/4 x 3/8 | 1/4 x 1/2 | 1/4 x 3/4 | 3/8 x 3/8 | 3/8 x 1/2 | 1/2 x 1/8 | 1/2 x 1/2

GRIT	MANDREL	W162	W163	W164	W175	W176	W182	W185
80	1/8"	241188	241192	–	241196	241200		241204
	3mm	241190	241194	–	241198	241202		241206
100	1/8"	–	–	241208	–		241212	
	3mm	–	–	241210	–		241214	



Mounted Point Kits

Premium aluminum oxide grain and special bonding materials to assure rapid stock removal and long life.

48 pcs, 3mm Mandrel - 299907
Kit includes 3 red (medium, 60-80 grit) and 3 BORIDE blue (hard, 120 grit) of the following:
• B44, B52, B123, W144, W146, W153, W162, W176

48 pcs, 1/8" Mandrel - 299901
Kit includes 3 red (medium, 60-80 grit) and 3 BORIDE blue (hard, 120 grit) of the following:
• B44, B52, B123, W144, W153, W162, W176, W200

100 pcs, BORIDE Blue, 1/8" Mandrel - 299902
Kit includes 10 BORIDE blue (hard, 120 grit) of the following:
• B44, B52, B96, B123, W144, W153, W162, W170, W176, W200

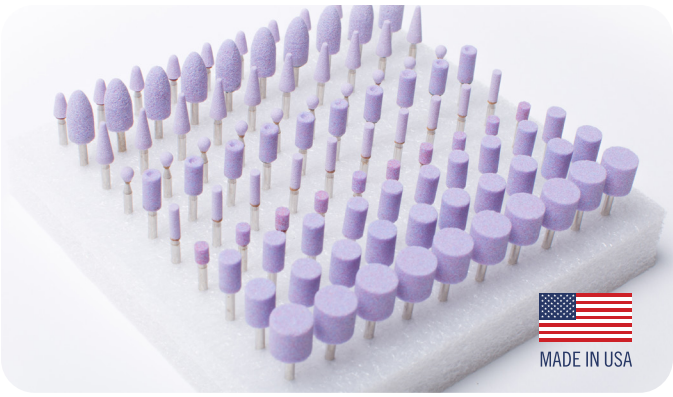
48 pcs, Pink, 1/8" Mandrel - 299915
Kit includes 6 pink of the following:
• B44, B52, B97, B135, W144, W146, W153, W163

48 pcs, Pink, 3mm Mandrel - 299916
Kit includes 6 pink of the following:
• B44, B52, B97, B135, W144, W146, W153, W163

100 pcs, Pink, 1/8" Mandrel - 299920
Kit includes 10 pink of the following:
• B44, B52, B53, B97, B135, W144, W146, W153, W162, W163

100 pcs, Pink, 3mm Mandrel - 299921
Kit includes 10 pink of the following:
• B44, B52, B53, B97, B135, W144, W146, W153, W162, W163





Premium Purple Mounted Point Kits

Premium Pink fused aluminum oxide grain combined with the unique Sol Gel Ceramic grain for an extremely long lasting, but cool cutting mounted point.

48 pcs, 1/8" Mandrel - 299911
Kit includes 6 of each of the following:
• 80 GRIT: B52, W152, W162, W176
• 100 GRIT: B44, B123
• 120 GRIT: W144, W146

48 pcs, 3mm Mandrel - 299912
Kit includes 6 of each of the following:
• 80 GRIT: B52, W152, W162, W176
• 100 GRIT: B44, B123
• 120 GRIT: W144, W146

100 pcs, 1/8" Mandrel - 299913
Kit includes 10 of each of the following:
• 80 GRIT: B52, B135, W152, W163, W176, W185
• 100 GRIT: B44, B123
• 120 GRIT: B53, W146

48 pcs, Assorted Kit, 1/8" Mandrel - 299914
Kit includes 2 red, 2 blue and 2 purple of each of the following:
• 80 GRIT: B52, W152, W162, W176
• 100 GRIT: B44, B123
• 120 GRIT: W144, W146

48 pcs, FALCON Blue, 1/8" Mandrel - 05A-MPT9300
Kit includes 6 Falcon Blue of the following:
• B44, B52, B123, B144, W152, W162, W176, W200

48 pcs, White, 1/8" Mandrel - 05A-MPT9302
Kit includes 6 white of the following:
• B44, B52, B123, B144, W152, W162, W176, W200

100 pcs, FALCON Blue, 1/8" Mandrel - 05A-MPT9000
Kit includes 10 Falcon Blue of the following:
• B44, B52, B123, W144, W152, W163, W170, W176, W185, W200

100 pcs, White, 1/8" Mandrel - 05A-MPT9200
Kit includes 10 white of the following:
• B44, B52, B123, W144, W152, W163, W170, W176, W185, W200

Truing Stones

Coarse silicon carbide stone with 1/16", 1/8", 3/16" and 1/4" grooves. Used to dress, shape and clean mounted points and abrasive stones. Quickly reshapes and resurfaces to like-new condition.

298905 (V-Grooves) / 298906 (Rounded Grooves)



MADE IN USA

Dressing Sticks for Mounted Points & Wheels

These Dressing Sticks are used for dressing, cleaning and shaping mounted points. Quickly reshape and resurface points to like-new condition. Sold individually.



MADE IN USA

STYLE NO.	ORDER NO.	SIZE/INCHES
1032	05I-DRS1032	1/2 x 1/2 x 4
1035	05I-DRS1035	1 x 1/2 x 4
1040	05I-DRS1040	1 x 1 x 4

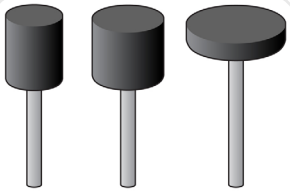
MX Mounted Points

Abrasive impregnated cotton fiber mounted points are used for chamfering, deburring, cleaning, blending and finishing. Ideal for use on stainless steel, aluminum, mild steels and exotic metals. Non-loading on aluminum, brass and other non-ferrous metals.

Bond/Hardness:
Soft=GFX (latex bond), Medium=JTX (resin bond), Hard=MTX (resin bond)
Available with 1/8" and1/4" mandrels. 10 pieces per package.
Other shapes, sizes and grits available upon request

MADE IN USA





"W" Shape Point

SIZE Shape / Diameter / Thickness	MANDREL	DENSITY	50 GRIT	80 GRIT	120 GRIT	180 GRIT	320 GRIT
MX-W144 1/8 X 1/4"	1/8"	Soft	08D-MXW1000	08D-MXW2000	08D-MXW3000	08D-MXW4000	08D-MXW5000
MX-W152 3/16 X 1/4"	1/8"	Soft	08D-MXW1001	08D-MXW2001	08D-MXW3001	08D-MXW4001	08D-MXW5001
MX-W154 3/16 X 1/2"	1/8"	Soft	08D-MXW1002	08D-MXW2002	08D-MXW3002	08D-MXW4002	08D-MXW5002
		Medium	–	202531	202534	202537	–
		Hard	–	202532	202535	202538	–
MX-W160 1/4 X 1/4"	1/8"	Soft	–	08D-MXW2003	08D-MXW3003	08D-MXW4003	08D-MXW5003
MX-W163 1/4 X 1/2"	1/8"	Soft	08D-MXW1004	08D-MXW2004	08D-MXW3004	08D-MXW4004	08D-MXW5004
		Medium	–	202540	202546	202549	–
		Hard	–	202544	202547	202550	–
MX-W176 3/8 X 1/2"	1/8"	Soft	–	08D-MXW2005	08D-MXW3005	08D-MXW4005	08D-MXW5005
		Medium	–	202552	202555	202558	–
		Hard	–	202553	202556	202559	–
MX-W185 1/2 X 1/2"	1/8"	Soft	08D-MXW1006	08D-MXW2006	08D-MXW3006	08D-MXW4006	08D-MXW5006
		Medium	–	–	202666	–	–
		Hard	–	202664	202667	202670	–
MX-W186 1/2 X 3/4"	1/8"	Soft	–	08D-MXW2007	08D-MXW3007	08D-MXW4007	08D-MXW5007
MX-W187 1/2 X 1"	1/4"	Soft	08D-MXW1008	–	08D-MXW3008	–	08D-MXW5008
MX-W204 3/4 X 3/4"	1/4"	Soft	–	08D-MXW2009	08D-MXW3009	08D-MXW4009	–
MX-W220 1 X 1"	1/4"	Soft	–	08D-MXW2010	08D-MXW3010	08D-MXW4010	–

Polishing Points

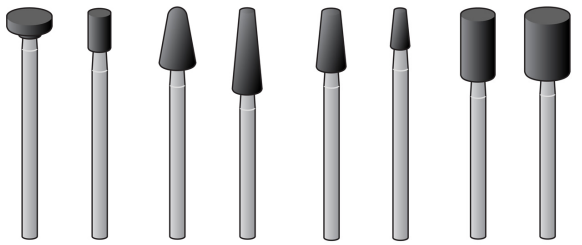
Our standard lines of mounted abrasive points are designed specifically for mold and die work. They are manufactured from premium aluminum oxide and special bonding materials to assure rapid stock removal and long life. Carefully formed and securely mounted on the mandrels to run true.

Red: 60-80 grit Blue: 120 grit White: 400 grit

All with 3/32" mandrel. 25 pcs per package.

MADE IN USA





SIZE Shape / Diameter / Thicknes	RED	BLUE	WHITE
HP3 1/4 x 7/64"	–	–	290352
HP12 1/8 x 1/4"	291251	291253	291252
HP22 13/64 x 11/32"	–	–	292252
HP23 .131 x 13/32"	–	292353	–
HP26 1/8 x 9/32"	–	292653	292652
HP28 3/32 x 17/64"	–	292853	–
HP59 1/4 x 1/2"	–	295953	–
HP60 3/16 x 1/2"	296051	–	–

Cotton Fiber Mounted Points

Our Cotton Fiber Mounted Points are used for blending and finishing and are carefully formed and securely mounted on the mandrels to run true.

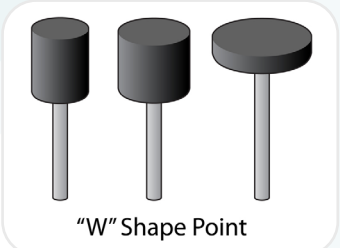
Available in 80, 120 and 180 grit.

All with 1/8" mandrel. 12 pieces per package.

MADE IN USA



SIZE Shape / Diameter / Thicknes	80 GRIT	120 GRIT	180 GRIT
W144 1/8 x 1/4"	251441	251444	251446
W154 3/16 x 1/2"	251541	251544	251546
W163 1/4 x 1/2"	251631	251634	251636
W176 3/8 x 1/2"	251761	251764	251766
W185 1/2 x 1/2"	251851	251854	251856

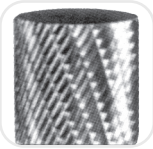

"W" Shape Point

Carbide Burs

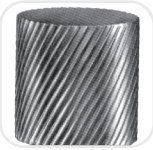
You can expect tool-to-tool consistency from our made in USA Carbide Burs. Lab inspected raw materials, machine-ground cutting flutes and an automated temperature-controlled brazing process results in a premium quality bur. We offer a select group of popular shapes and sizes including standard 1-1/2" length, special 2" and 3" length and midget burs. Meet the demands of most deburring, milling, cleaning and surface finishing applications with this selection or contact Customer Service to find the right bur for your job. Other shapes and lengths are available by request.



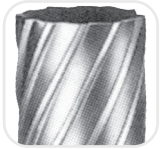
BASIC FLUTING STYLES FOR CARBIDE BURS



DOUBLE CUT
Very efficient stock removal. Creates a small chip. Good finish. Excellent operator control.



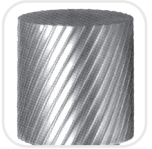
SINGLE CUT
General purpose fluting. Produces long chips. Ideal for finishing.



NONFERROUS
For nonferrous materials. Aggressive stock removal.



DIAMOND CUT
For heat treated and tough alloy steels where control is important. Creates a powder-like chip. Excellent finish.



COARSE CUT
Provides large flute area for softer ferrous materials. Fast stock removal.



FINE CUT
For general use on hard materials requiring a fine finish.

DEBURRING RECOMMENDATIONS

These are recommended speeds for standard length burs only. “Extra Long” burs with 1/4” shanks over 6” long and 1/8” shank burs over 2” long, should be used at reduced speeds. This chart should be considered a starting point, with possible variations to achieve optimum results.

BURR DIAMETER	MINIMUM RPM	MEDIUM RPM	MAXIMUM RPM (STAINLESS)
1/16	50000	75000	100000
1/8	30000	60000	90000
3/16	25000	50000	75000
1/4	20000	40000	65000
5/16	15000	35000	60000
3/8	15000	35000	60000
7/16	15000	35000	60000
1/2	10000	30000	50000
5/8	10000	30000	50000
3/4	10000	20000	35000
1	5000	15000	30000

Solid Carbide Burs

Our full line of Solid Carbide Burs offers a range of deburring, surface grinding and finishing applications. You can expect tool-to-tool consistency from our made in USA burs. Lab inspected raw materials, machine ground cutting flutes and an automated temperature controlled brazing process results in a premium quality bur.
Standard length is 1-1/2". We also offer 2" and 3" lengths. Choose between 1/8" and 1/4" mandrel options and a variety of shapes, sizes and fluting styles to fit your application. Standard length burs are also available in cost saving Carbide Bur Sets. Other shapes and lengths are available by request.



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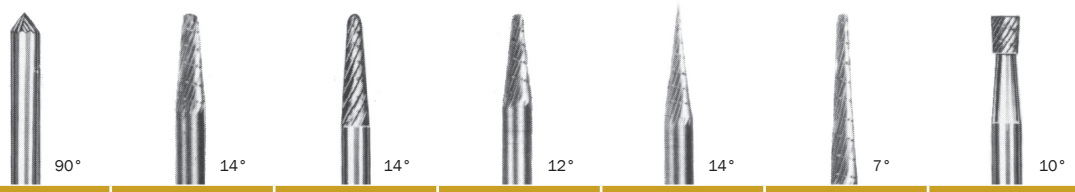
SHAPE NO.	1 (SA-41)	2 (SA-42)	3 (SA-43)	4 (SC-41)	5 (SC-42)	6 (SD-41)	7 (SD-42)
Cutter Diameter	1/16"	3/32"	1/8"	3/32"	1/8"	3/32"	1/8"
Flute Length	1/4"	7/16"	9/16"	7/16"	9/16"	3/32"	1/8"
Standard Double Cut	03A-BUR1000	03A-BUR1007	03A-BUR1014	03A-BUR1028	03A-BUR1035	03A-BUR1042	03A-BUR1049
Coarse Double Cut	–	–	–	–	–	–	03A-BUR1050
Fine Double Cut	–	–	–	–	–	–	03A-BUR1051
Standard Diamond Cut	–	–	–	–	–	–	03A-BUR1052
Standard Single Cut	03A-BUR1004	03A-BUR1011	03A-BUR1018	03A-BUR1032	03A-BUR1039	03A-BUR1046	03A-BUR1053
Coarse Single Cut	–	–	–	–	–	–	03A-BUR1054
Fine Single Cut	–	–	–	–	03A-BUR1041	–	–



SHAPE NO.	8 (SE-41)	9 (SF-41)	10 (SF-42)	11 (SG-41)	12 (SG-44)	13 (SH-41)	14 (SJ-42)
Cutter Diameter	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"
Flute Length	7/32"	1/4"	1/2"	1/4"	1/2"	1/4"	3/32"
Standard Double Cut	03A-BUR1056	03A-BUR1063	03A-BUR1070	03A-BUR1077	03A-BUR1084	03A-BUR1091	03A-BUR1098
Coarse Double Cut	–	–	–	–	–	03A-BUR1092	–
Standard Diamond Cut	–	–	–	–	–	03A-BUR1094	–
Standard Single Cut	03A-BUR1060	03A-BUR1067	03A-BUR1074	–	03A-BUR1088	03A-BUR1095	03A-BUR1102

Other cuts, shafts and lengths available by request. Contact Customer Service for assistance.

SOLID CARBIDE BURS



SHAPE NO.	15 (SK-42)	16 (SL-41)	17 (SL-42)	18 (SM-41)	19 (SM-42)	20 (SM-43)	21 (SN-42)
Cutter Diameter	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"
Flute Length	1/16"	3/8"	1/2"	11/32"	7/16"	5/8"	3/16"
Standard Double Cut	03A-BUR1105	03A-BUR1112	03A-BUR1119	03A-BUR1126	03A-BUR1133	03A-BUR1140	03A-BUR1147
Coarse Double Cut	03A-BUR1106	–	03A-BUR1120	03A-BUR1127	–	–	–
Fine Double Cut	–	–	–	–	03A-BUR1135	–	–
Standard Single Cut	03A-BUR1109	03A-BUR1116	03A-BUR1123	03A-BUR1130	03A-BUR1137	03A-BUR1144	03A-BUR1151
Coarse Single Cut	–	–	–	–	03A-BUR1138	–	–



SHAPE NO.	101 (SA-51)	101A (SA-53)	102 (SA-50)	103 (SC-51)	103A (SC-53)	104 (SD-51)
Cutter Diameter	1/4"	3/16"	1/4"	1/4"	3/16"	1/4"
Flute Length	1/2"	1/2"	3/16"	1/2"	1/2"	7/32"
Standard Double Cut	03A-BUR1200	03A-BUR1207	03A-BUR1214	03A-BUR1228	03A-BUR1235	03A-BUR1242
Standard Single Cut	03A-BUR1204	–	03A-BUR1218	03A-BUR1232	–	03A-BUR1246

INDUSTRY DESIGNATION	SHAPE	APPLICATION
SA	Cylinder	Universal Surface Grinding
SB	Cylinder with End Cut	Blind Holes & Inner Contours
SC	Cylinder with Radius	Contouring & Bore Holes
SD	Ball	Contouring & Bore Holes
SE	Oval/Egg	Molds & Fillet Welds
SF	Radius Tree	Molds & Contouring
SG	Pointed Tree	Chamfering & Bore Holes
SH	Flame	Molds & Contouring
SJ	60° Cone	Chamfering & Beveling & Countersinking
SK	90° Cone	Chamfering & Beveling & Countersinking
SL	Taper with Radius	Contouring & Difficult to Access Areas
SM	Pointed Cone	Conical Holes & Grooves & Model Building
SN	Inverted Cone	Inner Edges & Conical Profiles

Other cuts, shafts and lengths available by request. Contact Customer Service for assistance.

1/8" SHANK
1 ½" LENGTH

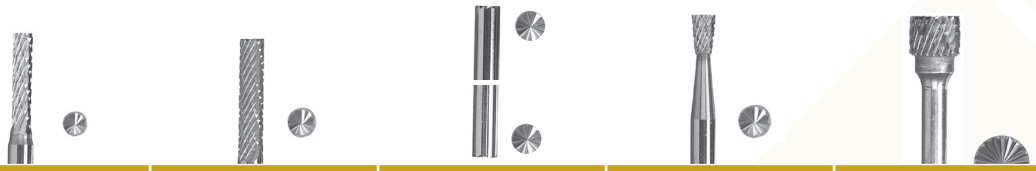
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SHAPE NO.	104A (SD-53)	105 (SE-51)	106 (SF-51)	107 (SG-51)	108 (SM-51)	109 (SN-51)
Cutter Diameter	3/16"	1/4"	1/4"	1/4"	1/4"	1/4"
Flute Length	5/32"	3/8"	1/2"	1/2"	1/2"	1/4"
Standard Double Cut	03A-BUR1249	03A-BUR1256	03A-BUR1263	03A-BUR1270	03A-BUR1277	03A-BUR1284
Coarse Double Cut	–	–	–	03A-BUR1271	–	–
Standard Single Cut	03A-BUR1253	03A-BUR1260	03A-BUR1267	03A-BUR1274	03A-BUR1281	–

END CUT BURS

Special End Cut 1/8" Shank
End of Bur Is Single Cut



SHAPE NO.	2 (SB-42)	3 (SB-43)	SB-ECO	21 (SN-42)	102 (SB-51)
Cutter Diameter	3/32"	1/8"	1/8"	1/8"	1/4"
Flute Length	7/16"	9/16"	End Only	3/16"	3/16"
Standard Double Cut	–	03A-BUR1021	–	03A-BUR1156	03A-BUR1221
Standard Single Cut	–	–	03A-BUR1157	–	–

Other cuts, shafts and lengths available by request. Contact Customer Service for assistance.

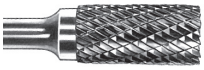
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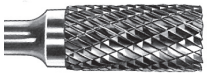
MADE IN USA





CYLINDER SHAPE

SHAPE NO.	CUTTER DIA.	CUT LENGTH	STANDARD DOUBLE CUT	STANDARD SINGLE CUT
1103 (SA-14)	3/16"	5/8"	03A-BUR1314	–
1104 (SA-1)	1/4"	5/8"	03A-BUR1321	–
1106 (SA-3)	3/8"	3/4"	03A-BUR1335	03A-BUR1339
1112 (SA-16)	3/4"	3/4"	03A-BUR1377	–




CYLINDER SHAPE WITH END CUT

SHAPE NO.	CUTTER DIA.	CUT LENGTH	STANDARD DOUBLE CUT	STANDARD SINGLE CUT
1203 (SB-14)	3/16"	5/8"	03A-BUR1414	–
1204 (SB-1)	1/4"	5/8"	03A-BUR1421	–
1206 (SB-3)	3/8"	3/4"	03A-BUR1435	–
1208 (SB-5)	1/2"	1"	03A-BUR1449	–
1213 (SB-9)	1"	1"	03A-BUR1484	–

Other cuts, shafts and lengths available by request. Contact Customer Service for assistance.



CYLINDER SHAPE WITH RADIUS END

1/4" SHANK
1 ½" LENGTH

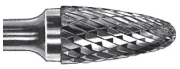
MADE IN USA

SHAPE NO.	CUTTER DIA.	CUT LENGTH	STANDARD DOUBLE CUT	STANDARD SINGLE CUT
1303 (SC-14)	3/16"	5/8"	03A-BUR1514	–
1304 (SC-1)	1/4"	5/8"	03A-BUR1521	–
1306 (SC-3)	3/8"	3/4"	03A-BUR1535	03A-BUR1539
1307 (SC-4)	7/16"	1"	03A-BUR1542	–
1309 (SC-6)	5/8"	1"	03A-BUR1556	–



BALL SHAPE

SHAPE NO.	CUTTER DIA.	CUT LENGTH	STANDARD DOUBLE CUT	STANDARD SINGLE CUT
1401 (SD-11)	1/8”	3/32"	03A-BUR1600	03A-BUR1604
1402 (SD-14)	3/16"	1/8"	03A-BUR1607	03A-BUR1611
1403 (SD-1)	1/4"	7/32"	03A-BUR1614	03A-BUR1618
1404 (SD-2)	5/16"	1/4"	03A-BUR1621	03A-BUR1625
1405 (SD-3)	3/8"	5/16"	03A-BUR1628	03A-BUR1632
1407 (SD-5)	1/2"	7/16"	03A-BUR1642	03A-BUR1646
1409 (SD-7)	3/4"	11/16"	03A-BUR1656	–



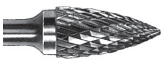
TREE SHAPE WITH RADIUS END

SHAPE NO.	CUTTER DIA.	CUT LENGTH	STANDARD DOUBLE CUT	STANDARD SINGLE CUT
1601 (SF-11)	1/8"	1/2"	03A-BUR1800	–
1602 (SF-1)	1/4"	5/8"	03A-BUR1807	–
1603 (SF-3)	3/8"	3/4"	03A-BUR1814	–
1605 (SF-5)	1/2"	1"	03A-BUR1821	–



OVAL SHAPE

SHAPE NO.	CUTTER DIA.	CUT LENGTH	STANDARD DOUBLE CUT	STANDARD SINGLE CUT
1502 (SE-1)	1/4"	3/8"	03A-BUR1707	–
1503 (SE-3)	3/8"	5/8"	–	03A-BUR1718
1504 (SE-5)	1/2"	7/8"	03A-BUR1721	–



TREE SHAPE WITH POINTED END

SHAPE NO.	CUTTER DIA.	CUT LENGTH	STANDARD DOUBLE CUT	STANDARD SINGLE CUT
1701 (SG-1)	1/4"	5/8”	03A-BUR1900	–
1703 (SG-3)	3/8"	3/4”	03A-BUR1914	03A-BUR1918
1704 (SG-5)	1/2"	1”	03A-BUR1921	–

Other cuts, shafts and lengths available by request. Contact Customer Service for assistance.

SOLID CARBIDE BURS



FLAME SHAPE

SHAPE NO.	CUTTER DIA.	CUT LENGTH	STANDARD DOUBLE CUT	STANDARD SINGLE CUT
1805 (SH-5)	1/2"	1-1/4"	03A-BUR2007	03A-BUR2011
1807 (SH-7)	3/4"	1-5/8"	03A-BUR2021	–



90° CONE SHAPE

SHAPE NO.	CUTTER DIA.	CUT LENGTH	STANDARD DOUBLE CUT	STANDARD SINGLE CUT
2002 (SK-3)	3/8"	3/16"	03A-BUR2207	03A-BUR2211
2003 (SK-5)	1/2"	1/4"	03A-BUR2214	03A-BUR2218
2004 (SK-6)	5/8"	5/16”	–	03A-BUR2225
2005 (SK-7)	3/4"	3/8"	03A-BUR2228	–



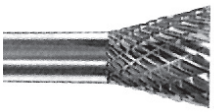
14° TAPER WITH RADIUS END

SHAPE NO.	CUTTER DIA.	CUT LENGTH	STANDARD DOUBLE CUT	STANDARD SINGLE CUT
2101 (SL-1)	1/4"	5/8"	03A-BUR2300	–
2102 (SL-2)	5/16"	7/8"	03A-BUR2307	03A-BUR2311
2103 (SL-3)	3/8"	1-1/16"	03A-BUR2314	03A-BUR2318
2104 (SL-4)	1/2"	1-1/8"	03A-BUR2321	–
2105 (SL-5)	5/8"	1-3/16"	03A-BUR2328	–



POINTED CONE SHAPE

SHAPE NO.	CUTTER DIA.	CUT LENGTH	INCLUDED ANGLE	STANDARD DOUBLE CUT	STANDARD SINGLE CUT
2201 (SM-1)	1/4"	1/2"	22°	03A-BUR2400	–
2202 (SM-2)	1/4"	3/4"	14°	–	03A-BUR2411
2203 (SM-3)	1/4"	1"	10°	–	03A-BUR2418
2204 (SM-4)	3/8"	5/8"	28°	03A-BUR2421	–



INVERTED CONE SHAPE

SHAPE NO.	CUTTER DIA.	CUT LENGTH	INCLUDED ANGLE	STANDARD DOUBLE CUT	STANDARD SINGLE CUT
2301 (SN-1)	1/4"	5/16"	10°	03A-BUR2500	–
2302 (SN-2)	3/8"	3/8"	13°	03A-BUR2507	–

Other cuts, shafts and lengths available by request. Contact Customer Service for assistance.

Solid Carbide Bur Sets

Solid Carbide Bur Sets: Available in 4 unique sets in either Standard Double Cut or Standard Single Cut options. Overall Length for all the burs in these sets is 1-1/2".



MADE IN USA

SET	CUT	SHANK	INCLUDED SHAPES	ITEM #
Set A	Double Cut	1/8"	12 Burs, 1 of each: 2, 3, 4, 5, 6, 7, 8, 10, 12, 13, 18, 21	03A-BUR9000
Set A	Single Cut	1/8"	12 Burs, 1 of each: 2, 3, 4, 5, 6, 7, 8, 10, 12, 13, 18, 21	03A-BUR9004
Set B	Double Cut	1/8"	12 Burs, 1 of each:101, 101A, 102, 103, 103A, 104, 104A, 105, 106, 107, 108, 109	03A-BUR9100
Set C	Double Cut	1/4"	12 Burs, 1 of each:1103, 1104, 1303, 1304, 1402, 1403, 1502, 1602, 1701, 2101, 2201, 2301	03A-BUR9200

Other cuts, shafts and lengths available by request. Contact Customer Service for assistance.

Solid Carbide Burs

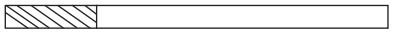
Special length carbide burs for tough, hard-to-reach deburring and surface finishing applications. You can expect tool-to-tool consistency from our made in USA burs. Lab inspected raw materials, machine ground cutting flutes and an automated temperature controlled brazing process results in a premium quality bur.

Special lengths include 2"& 3" lengths on an 1/8" shank.

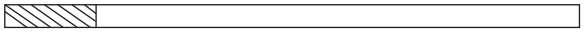
MADE IN USA

1/8" SHANK
2" & 3" LENGTH

2" Overall Length

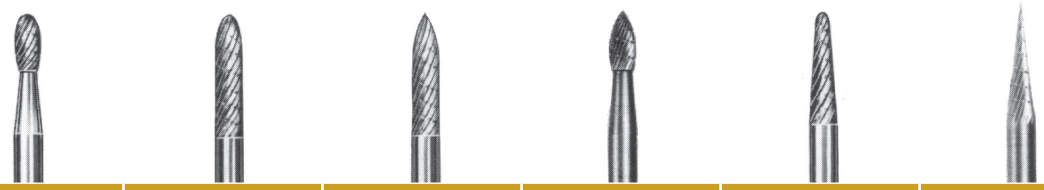


3" Overall Length





SHAPE NO.	1 (SA-41)	2 (SA-42)	3 (SA-43)	3 (SB-43)	5 (SC-42)	6 (SD-42)
Cutter Diameter	1/16"	3/32"	1/8"	1/8"	1/8"	1/8"
Flute Length	1/4"	7/16"	9/16"	9/16"	9/16"	1/8"
2" OAL Double Cut	–	–	03A-BUR2703	03A-BUR2704	03A-BUR2705	03A-BUR2706
2" OAL Single Cut	–	–	–	–	–	03A-BUR2718
3" OAL Double Cut	–	03A-BUR2726	03A-BUR2727	03A-BUR2728	03A-BUR2729	03A-BUR2730
3" OAL Single Cut	–	–	–	–	–	03A-BUR2742



SHAPE NO.	8 (SE-41)	10 (SF-42)	12 (SG-44)	13 (SH-41)	17 (SL-42)	19 (SM-42)
Cutter Diameter	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"
Flute Length	7/32"	1/2"	1/2"	1/4"	1/2"	7/16"
2" OAL Double Cut	03A-BUR2707	03A-BUR2708	03A-BUR2709	03A-BUR2710	03A-BUR2711	03A-BUR2712
2" OAL Single Cut	03A-BUR2719	–	03A-BUR2721	03A-BUR2722	03A-BUR2723	03A-BUR2724
3" OAL Double Cut	03A-BUR2731	–	–	03A-BUR2734	03A-BUR2735	03A-BUR2736
3" OAL Single Cut	03A-BUR2743	–	–	03A-BUR2746	–	03A-BUR2748

Other cuts, shafts and lengths available by request. Contact Customer Service for assistance.

Midget Carbide Burs

Midget Carbide Burs are manufactured using high performance carbide of the best grade using a special process which assures a strong bond between the carbide and steel, not affected by temperature. This results in exact concentricity, unusual durability and resistance to wear even under unfavorable conditions.

Overall Length is approximately 1-3/4" and all burs have a 3/32" shank. Sold in packages of 6.

Leverage and planing motions must be avoided to prevent breakage. Use only with true running handpieces and chucks. Not recommended for use above 120,000 RPM. Use of eye, face and ear protection is strongly recommended.





ROUND

SHAPE	SHAPE NO.	ORDER NO.	ISO NO.	DIA.
	1/2	03B-MCB1000	007	.028"
	1	03B-MCB1001	008	.031"
	2	03B-MCB1002	010	.039"
	3	03B-MCB1003	012	.047"
	4	03B-MCB1004	014	.055"
	5	03B-MCB1005	016	.063"
	6	03B-MCB1006	018	.071"
	8	03B-MCB1007	023	.091"
	10	03B-MCB1008	027	.106"



WHEEL

SHAPE	SHAPE NO.	ORDER NO.	ISO NO.	DIA.
	14	03B-MCB1009	012	.047"



INVERTED CONE

SHAPE	SHAPE NO.	ORDER NO.	ISO NO.	DIA.
	35	03B-MCB1012	010	.039"
	38	03B-MCB1015	016	.063"
	39	03B-MCB1016	018	.071"



CYLINDER SQUARE SINGLE CUT

SHAPE	SHAPE NO.	ORDER NO.	ISO NO.	DIA.
	56	03B-MCB1017	009	.035"
	58	03B-MCB1019	012	.047"
	59	03B-MCB1020	016	.063"



UNIVERSAL SINGLE CUT

SHAPE	SHAPE NO.	ORDER NO.	ISO NO.	DIA.
	57U	03B-MCB1021	010	.039"
	58U	03B-MCB1022	012	.047"

SOLD IN PACKAGES OF 6 PIECES

Other cuts, shafts and lengths available by request. Contact Customer Service for assistance.

MIDGET CARBIDE BURS



CONE SQUARE TAPER – SINGLE CUT

SHAPE	SHAPE NO.	ORDER NO.	ISO NO.	DIA.
	169	03B-MCB1023	008	.031"
	170	03B-MCB1024	010	.039"
	171	03B-MCB1025	014	.055"



CONE SQUARE TAPER – CROSS CUT

SHAPE	SHAPE NO.	ORDER NO.	ISO NO.	DIA.
	700	03B-MCB1038	010	.039"



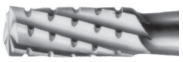
UNIVERSAL TAPER - SINGLE CUT

SHAPE	SHAPE NO.	ORDER NO.	ISO NO.	DIA.
	170U	03B-MCB1026	010	.039"
	171U	03B-MCB1027	014	.055"



UNIVERSAL TAPER – CROSS CUT

SHAPE	SHAPE NO.	ORDER NO.	ISO NO.	DIA.
	700U	03B-MCB1042	010	.039"
	701U	03B-MCB1043	014	.055"
	703U	03B-MCB1045	018	.071"



CYLINDER SQUARE CROSS CUT

SHAPE	SHAPE NO.	ORDER NO.	ISO NO.	DIA.
	557	03B-MCB1028	010	.039"
	559	03B-MCB1030	014	.055"

SOLD IN PACKAGES OF 6 PIECES

Other cuts, shafts and lengths available by request. Contact Customer Service for assistance.

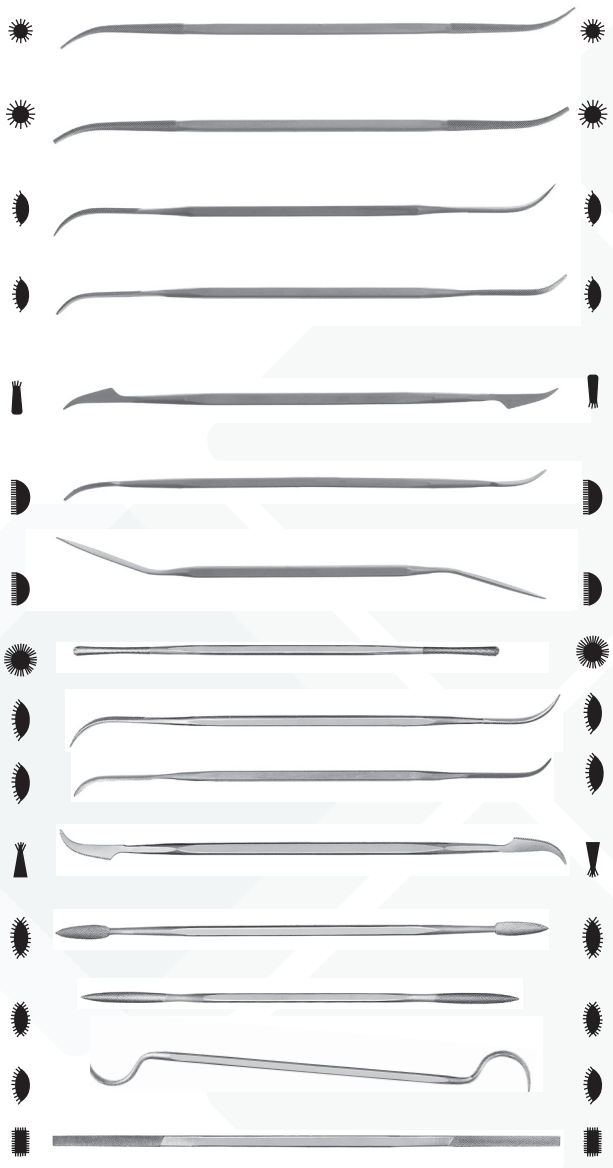
Die Sinkers Rifflers

Die Sinkers Rifflers are double-ended files used for removing metal and smoothing tight areas and hard-to-reach surfaces. Teeth are cut on small areas at the ends of each file leaving a long middle portion as a handle. Available in 6" and 7" overall lengths and cuts 0, 2, 4 and 6.

Originally used and hand forged by die sinkers, die makers, silversmiths, etc., in shapes and cross-sections appropriate to their work, Riffler Files are great for hard-to-reach surfaces and for detail finishing on molds, castings and engravings.

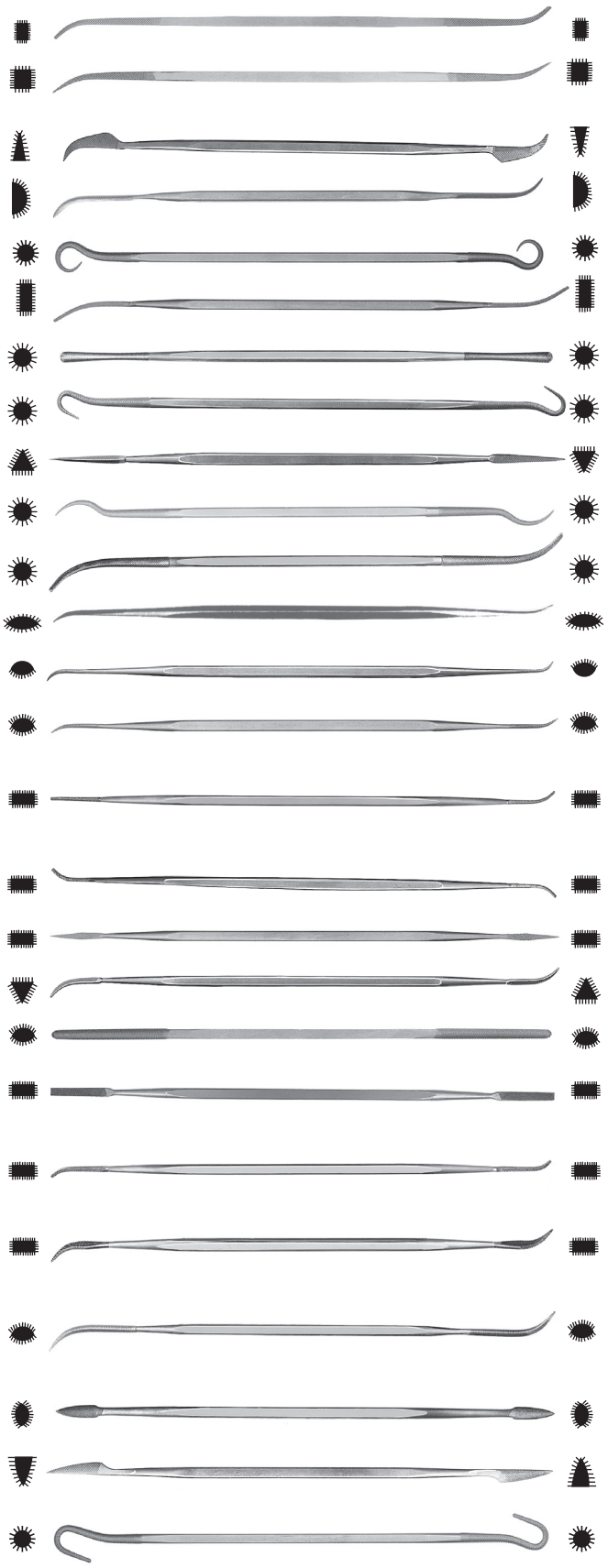


	LENGTH	CUT 0	CUT 2	CUT 4	CUT 6
1	6"	01A-DSR1000	01A-DSR1100	01A-DSR1200	–
	7"	01A-DSR5000	–	–	–
2	6"	01A-DSR1001	–	01A-DSR1201	01A-DSR1301
	7"	–	01A-DSR5101	01A-DSR5201	–
3	6"	01A-DSR1002	01A-DSR1102	01A-DSR1202	01A-DSR1302
	7"	01A-DSR5002	01A-DSR5102	01A-DSR5202	–
4	6"	–	01A-DSR1103	01A-DSR1203	01A-DSR1303
	7"	01A-DSR5003	01A-DSR5103	–	–
6	6"	01A-DSR1005	01A-DSR1105	01A-DSR1205	01A-DSR1305
	7"	01A-DSR5004	–	–	–
7	6"	01A-DSR1006	01A-DSR1106	01A-DSR1206	01A-DSR1306
	7"	01A-DSR5005	–	01A-DSR5205	–
8	6"	01A-DSR1007	01A-DSR1107	01A-DSR1207	01A-DSR1307
	7"	01A-DSR5006	01A-DSR5106	–	–
9	6"	01A-DSR1008	01A-DSR1108	01A-DSR1208	01A-DSR1308
	7"	01A-DSR5007	01A-DSR5107	–	–
10	6"	01A-DSR1009	01A-DSR1109	01A-DSR1209	01A-DSR1309
11	6"	01A-DSR1010	01A-DSR1110	01A-DSR1210	01A-DSR1310
12	6"	01A-DSR1011	01A-DSR1111	01A-DSR1211	01A-DSR1311
	7"	01A-DSR5008	01A-DSR5108	01A-DSR5208	–
14	6"	01A-DSR1013	–	01A-DSR1213	01A-DSR1313
	7"	01A-DSR5009	01A-DSR5109	–	–
15	6"	01A-DSR1014	01A-DSR1114	01A-DSR1214	01A-DSR1314
16	6"	01A-DSR1015	01A-DSR1115	01A-DSR1215	01A-DSR1315
	7"	01A-DSR5010	01A-DSR5110	01A-DSR5210	–
17	6"	01A-DSR1016	01A-DSR1116	01A-DSR1216	01A-DSR1316

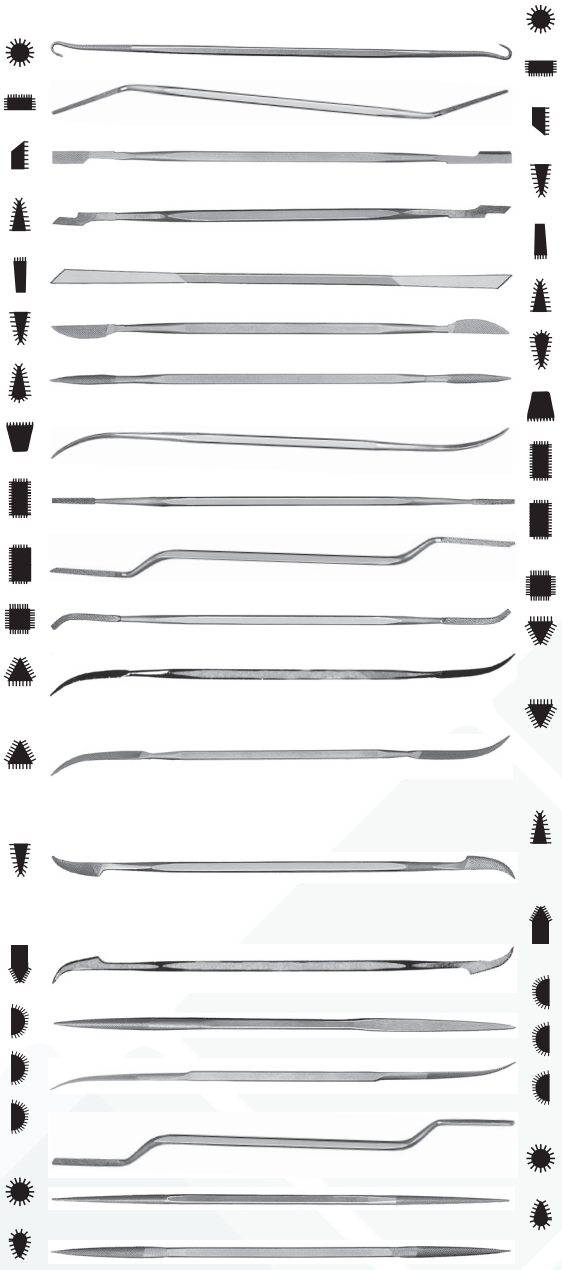


DIE SINKERS RIFFLERS

	LENGTH	CUT 0	CUT 2	CUT 4	CUT 6
18	6"	01A-DSR1017	01A-DSR1117	01A-DSR1217	01A-DSR1317
19	6"	01A-DSR1018	01A-DSR1118	01A-DSR1218	01A-DSR1318
21	6"	01A-DSR1020	01A-DSR1120	01A-DSR1220	01A-DSR1320
35	6"	01A-DSR1022	01A-DSR1122	01A-DSR1222	01A-DSR1322
80	6"	01A-DSR1028	01A-DSR1128	01A-DSR1228	01A-DSR1328
96	6"	01A-DSR1029	01A-DSR1129	01A-DSR1229	01A-DSR1329
101	6"	01A-DSR1030	01A-DSR1130	01A-DSR1230	01A-DSR1330
102	6"	01A-DSR1031	01A-DSR1131	01A-DSR1231	01A-DSR1331
104	6"	01A-DSR1033	01A-DSR1133	01A-DSR1233	–
105	6"	01A-DSR1034	01A-DSR1134	01A-DSR1234	–
108	6"	–	01A-DSR1136	01A-DSR1236	01A-DSR1336
112	6"	01A-DSR1037	01A-DSR1137	01A-DSR1237	01A-DSR1337
116	6"	01A-DSR1038	01A-DSR1138	01A-DSR1238	01A-DSR1338
123	6"	01A-DSR1041	01A-DSR1141	01A-DSR1241	01A-DSR1341
125	6"	01A-DSR1042	01A-DSR1142	01A-DSR1242	01A-DSR1342
	7"	01A-DSR5011	01A-DSR5111	–	–
126	6"	01A-DSR1043	01A-DSR1143	01A-DSR1243	01A-DSR1343
128	6"	01A-DSR1045	01A-DSR1145	01A-DSR1245	01A-DSR1345
131	6"	01A-DSR1046	01A-DSR1146	01A-DSR1246	01A-DSR1346
152	6"	01A-DSR1050	01A-DSR1150	01A-DSR1250	01A-DSR1350
153	6"	01A-DSR1051	01A-DSR1151	01A-DSR1251	01A-DSR1351
154	6"	01A-DSR1052	01A-DSR1152	01A-DSR1252	01A-DSR1352
	7"	01A-DSR5012	01A-DSR5112	01A-DSR5212	–
160	6"	–	01A-DSR1155	01A-DSR1255	01A-DSR1355
167	6"	01A-DSR1060	01A-DSR1160	01A-DSR1260	01A-DSR1360
	7"	01A-DSR5013	01A-DSR5113	01A-DSR5213	–
172	6"	01A-DSR1063	01A-DSR1163	01A-DSR1263	01A-DSR1363
173	6"	01A-DSR1064	01A-DSR1164	01A-DSR1264	01A-DSR1364
197	6"	01A-DSR1067	01A-DSR1167	01A-DSR1267	01A-DSR1367
	7"	01A-DSR5014	01A-DSR5114	01A-DSR5214	–



	LENGTH	CUT 0	CUT 2	CUT 4	CUT 6
198	6"	01A-DSR1068	01A-DSR1168	01A-DSR1268	01A-DSR1368
201	6"	01A-DSR1069	01A-DSR1169	01A-DSR1269	01A-DSR1369
204	6"	01A-DSR1071	01A-DSR1171	01A-DSR1271	01A-DSR1371
205	6"	01A-DSR1072	01A-DSR1172	01A-DSR1272	01A-DSR1372
206	6"	01A-DSR1073	01A-DSR1173	01A-DSR1273	01A-DSR1373
207	6"	01A-DSR1074	01A-DSR1174	–	–
209	6"	01A-DSR1075	01A-DSR1175	01A-DSR1275	01A-DSR1375
12901	6"	01A-DSR1077	01A-DSR1177	01A-DSR1277	01A-DSR1377
12910	6"	01A-DSR1078	01A-DSR1178	01A-DSR1278	01A-DSR1378
12918	6"	–	01A-DSR1179	01A-DSR1279	01A-DSR1379
12931	6"	01A-DSR1080	01A-DSR1180	01A-DSR1280	01A-DSR1380
12942	6"	01A-DSR1081	01A-DSR1181	01A-DSR1281	01A-DSR1381
12943	6"	–	01A-DSR1182	01A-DSR1282	01A-DSR1382
	7"	01A-DSR5015	01A-DSR5115	–	–
12955	6"	01A-DSR1083	01A-DSR1183	–	–
	7"	01A-DSR5016	01A-DSR5116	–	–
12958	6"	01A-DSR1084	01A-DSR1184	01A-DSR1284	01A-DSR1384
12960	6"	01A-DSR1085	01A-DSR1185	01A-DSR1285	01A-DSR1385
12961	6"	01A-DSR1086	01A-DSR1186	01A-DSR1286	01A-DSR1386
12962	6"	01A-DSR1087	01A-DSR1187	01A-DSR1287	01A-DSR1387
12980	6"	01A-DSR1088	–	01A-DSR1288	01A-DSR1388
12991	6"	01A-DSR1089	01A-DSR1189	01A-DSR1289	01A-DSR1389

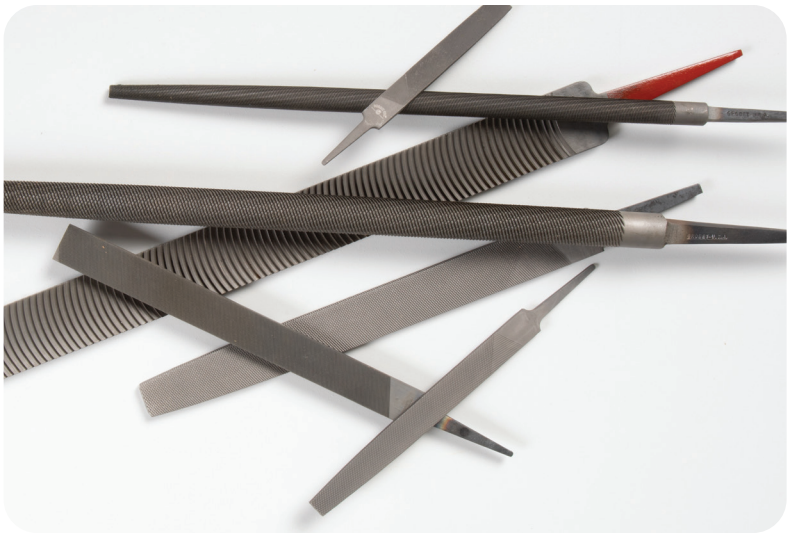


Files are available in limited quantities and may be discontinued without notification.

Die SINKERs Rifflers are sold individually.

American Pattern Files

American Pattern Files are uniform in cut to permit removal of more metal faster. Extremely durable and scientifically balanced, each file is the product of a long tradition of superior craftsmanship combined with the most advanced technology. Every file is heat treated to exacting standards for greater performance, long life and accuracy of shape and size. Used for rapid metal removal on sharp corners, shoulders and flat surfaces. Reduce or smooth surfaces and remove nicks or burrs with ease.



	CUT LENGTH	WIDTH	THICKNESS	BASTARD	2ND CUT	SMOOTH
Mill	4"	7/16"	5/64"	01K-APF1000	01K-APF1001	01K-APF1002
	6"	19/32"	7/64"	01K-APF1010	01K-APF1011	01K-APF1012
	8"	25/32"	9/64"	01K-APF1020	01K-APF1021	01K-APF1022
	10"	31/32"	11/64"	01K-APF1030	01K-APF1031	01K-APF1032
	12"	1-5/32"	7/32"	01K-APF1040	01K-APF1041	01K-APF1042
	14"	1-5/16"	1/4"	01K-APF1050	–	01K-APF1051
	16"	1-1/2"	9/32"	–	–	–
Half Round	4"	7/16"	1/8"	01K-APF1100	01K-APF1101	–
	6"	19/32"	5/32"	01K-APF1110	01K-APF1111	–
	8"	3/4"	7/32"	01K-APF1120	01K-APF1121	01K-APF1122
	10"	15/16"	9/32"	01K-APF1130	01K-APF1131	01K-APF1132
	12"	1-1/8"	11/32"	01K-APF1140	01K-APF1141	01K-APF1142
	14"	1-9/32"	13/32"	01K-APF1150	–	01K-APF1152
Flat	4"	15/32"	5/64"	01K-APF1200	01K-APF1201	01K-APF1202
	6"	5/8"	5/32"	01K-APF1210	01K-APF1211	01K-APF1212
	8"	25/32"	7/32"	01K-APF1220	01K-APF1221	01K-APF1222
	10"	31/32"	1/4"	01K-APF1230	01K-APF1231	01K-APF1232
	12"	1-5/32"	9/32"	01K-APF1240	01K-APF1241	–
	14"	1-11/32"	5/16"	01K-APF1250	–	01K-APF1252
	CUT LENGTH	WIDTH	THICKNESS	BASTARD	2ND CUT	SMOOTH
Round	4"	5/32"	–	01K-APF1300	01K-APF1301	01K-APF1302
	6"	7/32"	–	–	01K-APF1311	01K-APF1312
	8"	5/16"	–	01K-APF1320	01K-APF1321	01K-APF1322
	10"	3/8"	–	01K-APF1330	01K-APF1331	01K-APF1332
	12"	1/2"	–	01K-APF1340	01K-APF1341	01K-APF1342
	14"	5/8"	–	–	–	–







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American pattern files are sold individually.

	CUT LENGTH	WIDTH	THICKNESS	BASTARD	2ND CUT	SMOOTH
Square	4"	5/32"	–	01K-APF1400	01K-APF1401	–
	6"	7/32"	–	01K-APF1410	01K-APF1411	01K-APF1412
	8"	5/16"	–	01K-APF1420	01K-APF1421	01K-APF1422
	10"	3/8"	–	01K-APF1430	01K-APF1431	–
	12"	1/2"	–	01K-APF1440	01K-APF1441	01K-APF1442
Three Square	6"	15/32"	–	01K-APF1500	01K-APF1501	–
	8"	5/8"	–	01K-APF1510	01K-APF1511	–
	10"	3/4"	–	01K-APF1520	01K-APF1521	01K-APF1522
Warding	4"	15/32"	3/64"	01K-APF2000	01K-APF2001	01K-APF2002
	6"	5/8"	5/64"	01K-APF2010	01K-APF2011	01K-APF2012
	8"	23/32"	3/32"	–	–	01K-APF2022









	CUT LENGTH	WIDTH	ORDER NO.
Regular Taper	6"	15/32"	01K-APF1600
	7"	17/32"	01K-APF1601
	8"	19/32"	01K-APF1602
	10"	25/32"	01K-APF1603



	CUT LENGTH	WIDTH	ORDER NO.
Extra Slim Taper	4"	3/16"	01K-APF1620
	5"	15/64"	01K-APF1621
	6"	9/32"	01K-APF1622
	7"	5/16"	01K-APF1623
	8"	13/32"	01K-APF1624



	CUT LENGTH	WIDTH	ORDER NO.
Slim Taper	4"	7/32"	01K-APF1610
	5"	9/32"	01K-APF1611
	6"	11/32"	–
	7"	13/32"	01K-APF1613
	8"	15/32"	01K-APF1614
	10"	5/8"	01K-APF1615

	CUT LENGTH	WIDTH	ORDER NO.
Double Extra Slim Taper	5"	3/16"	01K-APF1631
	6"	7/32"	01K-APF1632
	7"	1/4"	01K-APF1633
	8"	5/16"	01K-APF1634

Files are available in limited quantities and may be discontinued without notification.

American pattern files are sold individually.

AMERICAN PATTERN



	CUT LENGTH	WIDTH	THICKNESS	BASTARD	2ND CUT	SMOOTH
Knife	4"	15/32"	7/64"	–	01K-APF1701	01K-APF1702
	6"	21/32"	5/32"	01K-APF1710	01K-APF1711	01K-APF1712
	8"	27/32"	3/16"	01K-APF1720	01K-APF1721	01K-APF1722
	10"	1-1/32"	1/4"	01K-APF1730	01K-APF1731	01K-APF1732





	CUT LENGTH	WIDTH	ORDER NO.
Round Chain Saw • Smooth Cut	8"	5/32"	01K-APF1800
	8"	3/16"	01K-APF1801
	8"	7/32"	01K-APF1802
	8"	1/4"	01K-APF1803
	8"	5/16"	01K-APF1804





	CUT LENGTH	WIDTH	THICKNESS	BASTARD	2ND CUT	SMOOTH
Hand	6"	5/8"	5/32"	01K-APF1900	01K-APF1901	01K-APF1902
	8"	25/32"	7/32"	01K-APF1910	01K-APF1911	01K-APF1912
	10"	31/32"	1/4"	01K-APF1920	01K-APF1921	01K-APF1922











	CUT LENGTH	WIDTH	THICKNESS	ORDER NO.
Long Angle Lathe • Bastard Cut	10"	31/32"	1/4"	01K-APF2100
	12"	1-5/32"	9/32"	01K-APF2110
	14"	1-11/32"	5/16"	01K-APF2120
Pillar • One Safe Edge	10"	21/32"	11/32"	01K-APF2221
Aluminum Flat • Double Cut	6"	5/8"	5/32"	01K-APF2300
	8"	25/32"	7/32"	01K-APF2310
	10"	31/32"	1/4"	01K-APF2320
	12"	1-5/32"	9/32"	01K-APF2330
Aluminum Half Round • Double Cut	6"	19/32"	5/32"	01K-APF2400
	8"	3/4"	7/32"	01K-APF2410
	10"	15/16"	9/32"	01K-APF2420
	12"	1-1/8"	11/32"	01K-APF2430









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File Holders and Handles

Long Ferrule File Handles are made of wood and coated with a premium shellac finish for appearance, comfort and durability. They have metal ferrules that are made of heavy gauge steel and zinc-plated to prevent corrosion. Available in 4 sizes for files ranging from 3" to 16" and made in the USA.



MADE IN USA



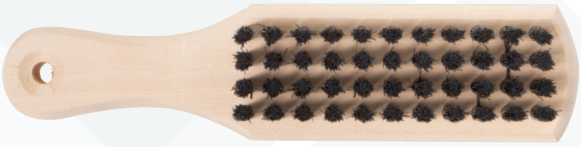
	SIZE NO.	SIZE	LENGTH	DIAMETER	ORDER NO.
Long Ferrule Handle	1	for 3-6" files	4"	1	01Z-MSC1300
	2	for 6-8" files	4-1/2"	1-3/16"	01Z-MSC1301
	3	for 8-12" files	5"	1-5/16"	01Z-MSC1302
	4	for 12-16" files	5-1/2"	1-7/16"	01Z-MSC1303

The #10 File Card cleans and restores your file grooves to clean cutting capacity. It's sharp steel bristles dig into and quickly remove filings collected with use. Ideal for machinists, mechanics, woodworkers and others involved in cutting, cleaning and roughing applications



	LENGTH	ORDER NO.
No. 10 File Card	8"	01Z-MSC1310

The #20 Combination File Card and Brush combines the functionality and cleaning power of short steel bristles with a softer, longer bristle brush ideally suited for removing filings on finer cut files. The brush can also be used to clean saws and drill bits.



	LENGTH	ORDER NO.
No. 20 Combination File Card and Brush	9-1/4"	01Z-MSC1320

OptiVISOR

The OptiVISOR is a precision binocular headband magnifier, which permits unrestricted user efficiency while reducing eye strain. It can be worn over prescription or safety eyeglasses, leaves both hands free, and allows three dimensional vision. The OptiVISOR can be used by anyone whose profession or craft requires close, accurate work. Features include optical glass prismatic lenses, adjustable pivots allowing the visor to tilt, adjustable headband, high impact visor, and genuine leather comfort band. Replacement parts and lenses are available.

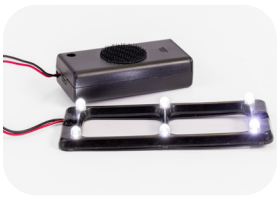


OPTIVISOR

STYLE	ITEM	FOCAL LENGTH	MAGNIFICATION
DA-2	380150	20"	1.5x Power
DA-3	380155	14"	1.75x Power
DA-4	380160	10"	2x Power
DA-5	380165	8"	2.5x Power
DA-7	380170	6"	2.75x Power
DA-10	380175	4"	3.5x Power

OPTIVISOR REPLACEMENT LENSES

STYLE	ITEM	DESCRIPTION
DA-2 Lens	380151	Lens Plate - 1.5x magnification @ 20"
DA-3 Lens	380156	Lens Plate - 1.75x magnification @ 14"
DA-4 Lens	380161	Lens Plate - 2x magnification @ 10"
DA-5 Lens	380166	Lens Plate - 2.5x magnification @ 8"
DA-7 Lens	380171	Lens Plate - 2.75x magnification @ 6"
DA-10 Lens	380176	Lens Plate - 3.5x magnification @ 4"





OPTIVISOR LIGHT KIT

380140

An LED lighting system designed specifically for the OptiVISOR. The OptiVISOR Light Kit consists of six LED bulbs with over 100,000 hour life expectancies which have been specifically chosen to give you the best possible LED lighting solution available based on intensity, radiant pattern, color temperature, and battery life. It reduces shadows and increases visibility in any environment lighting up holes, ribs and cavities. 2 – AA batteries are included.



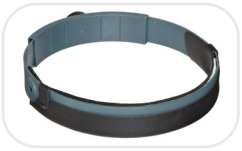


OPTILOUPE

380180

The OptiLOUPE is an attachable lens that adds the additional power of an eye loupe to the OptiVISOR. It is designed for monocular use attaching to either eye of any OptiVISOR and easily flips up or down providing additional 2.5 times magnification.





COMFORT HEADBAND

380181

Genuine leather comfort band designed specifically for the OptiVISOR. Padded orthopedic felt adds to comfort. Easy to replace. Shown installed on the standard OptiVISOR Headband.





VISORLIGHT

10" Cord: 380182 **42" Cord: 380183** **Replacement Bulb : 380184**

The VisorLIGHT is a unique hands-free lightweight battery-powered light that illuminates a magnified viewing area and attaches to the top of the OptiVISOR. Two models are available to allow complete mounting: a 10″ short cord for mounting on a headband and a 42" long cord so the battery pack can be worn on a belt or placed in a pocket. Swivels up and down for optimal light coverage, Xenon laser beam bulb (brighter than LEDs), 6000 candle power, 4-5 hours battery life (if used continuously), operates on two AA batteries which are not included.



LED ILLUMINATING HEADBAND MAGNIFIER

380190

Designed to be worn by professionals and craftsman whose tasks require close, accurate work, these magnifier visors leave both hands free and allow three dimensional vision. Product features include a detachable LED light source, 11 different magnifications, handy storage box, single-plate lens: 1.0X, 1.5X, 2.0X, 2.5X, 3.5X and Bi-plate lens: 3.0X, 4.0X, 4.5X, 5.0X, 5.5X, 6.0X.

Rib Light and Rib Light Reach

Excellent for illuminating those hard to see spots like ribs and slots. Standard pen light or the bendable 'gooseneck' style. Includes 3 AAAA batteries.



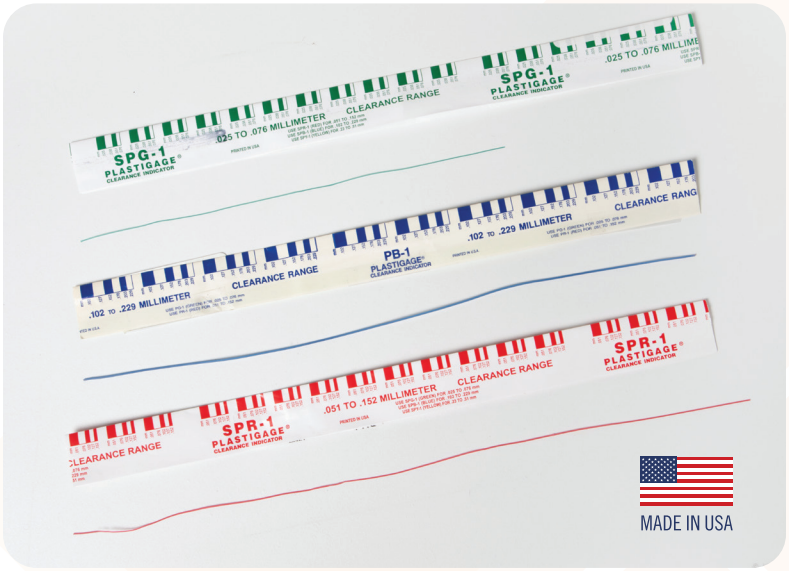
MADE IN USA

ITEM	DESCRIPTION
380100	Rib Light – Blue LED
380110	Rib Light – White LED
380130	Rib Light Reach – White LED
380090	Rib Light Battery – AAAA (3 per bag)

Plastigage

Clean, Accurate Method for Checking Die Clearance

Plastigages offer a quick, clean and accurate method for checking die clearance. Their innovative design utilizes leading edge materials ensuring they flatten precisely. To use, compare the width of the flattened Plastigage at its widest point with the graduations on the envelope. The number within the graduation on the envelope indicates die clearance in thousands of an inch or in millimeters, depending on which side of the envelope is used. Taper is indicated when one end of the flattened Plastigage is wider than the other. Measure each end of the flattened Plastigage. The difference between the readings is the approximate amount of taper.

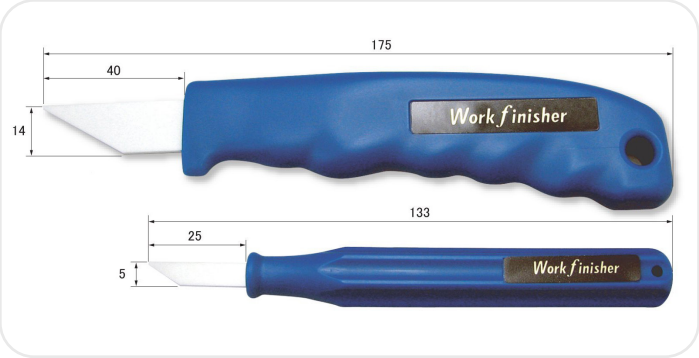


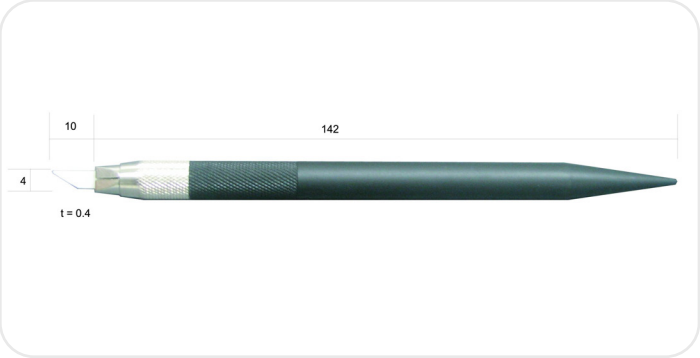
MADE IN USA

STYLE NO.	ORDER NO.	COLOR	CLEARANCE RANGE
PG-1	10J-PLA1000	Green	.001 - .003
PR-1	10J-PLA1001	Red	.002 - .006
PB-1	10J-PLA1002	Blue	.004 - .009

Work Finisher Tool

Work Finisher Tools feature a ceramic blade ideal for deburring and deflashing hard plastics while eliminating the fear of cutting your hands, fingers or damaging the molded part in the process. These tools excel on ultra-hard resins like glass-fiber, carbon-fiber and talc filled plastics. They also work well for deburring and chamfering non-ferrous metal such as copper, aluminum and brass products. The blade holds its edge indefinitely without re-sharpening, will never rust, and is non-magnet and chemical resistant. To Use: Incline the ceramic blade on the workpiece at an angle of 30-70 degrees depending on the amount of flash/ burr to be removed and pull toward yourself. Available in 3 different sizes.





WORK FINISHER TOOL – LARGE

93700

Has an easy-grip, plastic handle and measures 175mm overall with a 40mm long blade. Blade is not replaceable.

WORK FINISHER TOOL – SMALL

93701

Has a non-roll, plastic handle and measures 133mm overall with a 25mm long blade. Blade is not replaceable.

MICRO PEN

93702

Has a 2-jaw chuck for easy blade replacement and a plastic handle. Measures 142mm overall with a 10mm long blade. Blades are replaceable and sold separately in packages of 5. The Micro Pen is excellent for deburring and deflashing precision parts.

MICRO PEN REPLACEMENT BLADES

93703

5 pcs

Dressing Sticks

High-performance dressing sticks are made using Aluminum Oxide or Silicon Carbide abrasive with our vitrified bond engineered for dressing and cleaning super-abrasive wheels. Our dressing sticks produce a free-cutting, load resistant stick which results in rapid removal of grinding debris and glazing (dulling) of the wheel abrasive grain and efficient grinding operations. Your wheel's bond integrity and abrasive will be protected by lower heat generation, during dressing as well as reduced force requirements to dress effectively.

Custom sizes and specifications available.



WHITE ALUMINUM OXIDE			
SIZE	GRIT	SOFT SPEC ITEM	MEDIUM SPEC ITEM
3/8 x 3/4 x 4	150	040210	040260
1/2 x 1/2 x 4	150	040211	040261
1/2 x 1/2 x 4	220	040212	040262
1/2 x 1/2 x 4	320	040213	040263
1/2 x 1/2 x 6	150	040214	040264
1/2 x 1/2 x 6	220	040215	040265
3/4 x 3/4 x 4	80	040216	040266
3/4 x 3/4 x 4	100	040217	040267
3/4 x 3/4 x 4	150	040218	040268
3/4 x 3/4 x 4	220	040219	040269
3/4 x 3/4 x 4	320	040220	040270
3/4 x 3/4 x 8	150	040221	040271
3/4 x 3/4 x 8	220	040222	040272
3/4 x 3/4 x 8	320	040223	040273
1 x 1 x 6	150	040224	040274
1 x 1 x 6	220	040225	040275
1 x 1 x 6	320	040226	040276
1 x 1 x 8	120	040227	040277
1 x 1 x 8	150	040228	040278
1 x 1 x 8	220	040229	040279
1 x 1 x 8	320	040230	040280

SILICON CARBIDE			
SIZE	GRIT	SOFT SPEC ITEM	MEDIUM SPEC ITEM
1/2 x 1/2 x 6	100	040240	040290
1/2 x 1/2 x 6	150	040241	040291
1/2 x 1/2 x 6	220	040242	040292
1/2 x 1/2 x 6	320	040243	040293
3/4 x 3/4 x 6	150	040244	040294
3/4 x 3/4 x 6	320	040245	040295
1 x 1 x 6	80	040246	040296
1 x 1 x 6	120	040247	040297
1 x 1 x 6	150	040248	040298
1 x 1 x 6	220	040249	040299
1 x 1 x 6	400	040250	040300
1 x 1 x 6	320	040252	040302
1 x 1 x 8	320	040251	040301

SOLD IN PACKS ACCORDING TO SIZE:			
Size	Pack Qty	Size	Pack Qty
3/8 x 3/4 x 4	25	3/4 x 3/4 x 6	10
1/2 x 1/2 x 4	25	3/4 x 3/4 x 8	10
1/2 x 1/2 x 6	25	1 x 1 x 6	8
3/4 x 3/4 x 4	25	1 x 1 x 8	8

BORON CARBIDE DRESSING STICK	
	
3/16 x 1/2 x 3 1pc/pack	079021



BORIDE
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