



EDM Polishing Stones • General Purpose Stones • Detail Stones • Industrial Abrasives



**COMMITTED TO PROVIDING
THE HIGHEST QUALITY
ABRASIVE PRODUCTS.**



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

Precise process management, fact-based problem solving and extensive material science are important parts of our foundation. Our quality management system is based on ISO9001:2008. 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 are our reason for being." 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

"Employees are key to business success." 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

"Everything is done with a process." 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.



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	
	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	
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

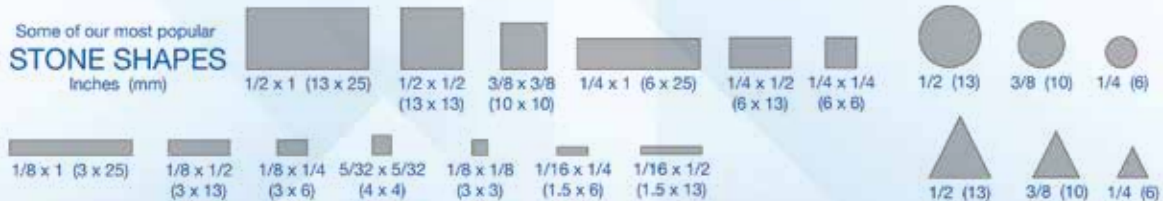


Table of Contents

EDM Polishing Stones	AM-8 Excellent ultrasonic stone, strong, holds shape	1
	AS-9 Great for profiler and hand stoning	2
	Orange EDM Fast cutting action with consistent breakdown	3
	Golden Star Offers superior breakdown characteristics and a smooth, silky finish	4
General Purpose Stones (Aluminum Oxide)	AM-2 General purpose stone, soft, fast breakdown	5
	Die Stone Slightly harder than AM-2	6
	AM-K White aluminum oxide stone good for machined surfaces	7
	AS-H White aluminum oxide stone softer than AM-K	8
General Purpose Stones (Silicon Carbide)	CS Fast-cutting black silicon carbide	9
	CS-M Premium green silicon carbide, fast-cutting, medium hardness	10
	CS-HD Harder stone than CS-M, excellent for hardened steel, 47-63Rc	11
Specialty Stones	RASP Our most versatile all around finishing stone	12
	PC Premium polishing stone for final finish work	13
	T2 Excellent stone for stainless steel	14
	T4 Engineered for finishing aluminum and soft metals	15
	A0 Aggressive stone for general mill removal and EDM	16
	TH Performs well on all types of tool steels	17
	900-F Very soft stone for super-fine finishing	18
Roughing Stones	Ruby Extremely fast cutting stone	19
	RO-GS Soft aluminum oxide, excellent for large tools and dies	19
	Roughout Softer stone, aggressive cutting, 80–220 grits	19
Sharpening Stones	Used for deburring, sharpening and honing	20-21
Polishing Stone Kits and Holders	Polishing Stone Kits Mold stone formulations in a convenient sample kit	22
	Polishing Stone Fine Grit Kits Mold stone formulations in a convenient sample kit	23
	Detail Polishing Stone Kits Cristone®, Ceramic Super Stone & Ceramic Diamond Stone Kits	24
	Gunsmith Kits	25
	Polishing Stone Holders Specially designed for hand use and in profilers	26-30
Polishing Equipment	Air & Ultrasonic Profilers The perfect tools for polishing fine detail areas, ribs and slots	
	Turbo-Laps, U-Laps, 3-in-1 (Filter, regulator, lubricator)	31
	Ultrasonic Eco Polisher High performance, ideal for precision polishing & deburring	31
	Air & Electric Grinders Excellent tools for many applications including polishing & precision grinding	32
	Die Grinders Excellent tools for many applications including polishing & precision grinding	33
	NSK Products Ultra-precision electrically/pneumatically driven polishing tools	34-37
Detail Stones and Holders	Cristone® Crystal Fiber Stone Tremendous bending strength and outstanding polishing efficiency	38
	Ceramic Stones/Super Stones Very strong, used for EDM removal in ribs and slots	39
	Miniature Ceramic Super Stones Ideal for very fine detail polishing and engraving	40
	Ceramic Diamond Stones Combination of ceramic fibers & evenly distributed diamond particles	41
	CNB-80 & CNB-120 Extremely aggressive advanced composite fiber – Made in USA	42
	Detail Stone Holders Specially designed for hand use and in profilers	43

Table of Contents

Diamond Compound	Mold Makers Diamond Compound Used for precision finishing of all types of molds & dies	44-45
	DIAMAX Diamond Compound Offers a precise blend of man-made and natural diamond	46
Felt Bobs & Felt Sticks	Felt Bobs & Felt Sticks Made of the finest 100% wool for a high surface finish on all dies & molds	47-48
Miniature Brushes	Miniature Brushes Mandrel mounted wire and natural hair brushes	49
Wood Sticks	Wood Sticks For lapping and finishing by hand	50
Diamond Foil	Diamond Foil Highest quality diamond, fast-cutting and flexible with adhesive backing	50
Cratex® Rubberized Abrasives Made with premium grade oil-resistant chemical rubber for a unique cushioned action	Wheels	51-52
	Blocks & Sticks	53
	Bullets, Cylinders, Points & Tapers	54
	Mandrels	55
	Cratex® Rubberized Abrasive Kits	56
Carbide Burs	Premium Carbide Burs Made from high quality materials ensuring reliability and consistency	57-60
Diamond Files Manufactured from the highest quality diamond	Hand Taper Diamond Files	61
	Needle Taper Diamond Files	62
	Machine Files	63-64
	Diamond Taper Lapper Files	65
	Flexi and Super Flex Files	66
Coated Abrasives Broad offering of high quality coated abrasives for finishing work	PSA Strips & Tapered Blank Files	67
	Tapered Blank Files, Aluminum Oxide Paper, Silicon Carbide Paper	68
	PSA Discs and Holders	69
	Cartridge Rolls and Mandrels	70
	Belt Sticks & Replacement Belts	71-72
Mounted Points Vitrified aluminum oxide points designed specifically for mold and die work	MX Mounted Points	73
	Megabrite Mounted Points	74
	Premium Purple Mounted Points	75-78
	B Shapes	79-80
	W Shapes	81-82
	Polishing Points	83
	Ceramic Mounted Points and Cotton Fiber Mounted Points	84
	Mounted Point Kits	85
Accessories	BORI-LUBE 10 To clean, lubricate and prevent stone loading – environmentally safe	86
	Premium Stoning Oil Petroleum-based lubricant to allow for consistent and free cutting action	86
	Mold Polish Safely removes haze, plate-out, rust, oxidation and stains	86
	Simichrome Polish Removes tarnish, dirt and oils	86
	Rib Light, Rib Light Reach, and replacement batteries High intensity LED lights to illuminate hard to see areas, ribs and slots	86
	OptiVISOR and Accessories Precision binocular headband magnifier	87
	LED Illuminating Headband Magnifier The latest innovation in headband magnifiers	87
	Dressing Sticks Aluminum oxide sticks used to clean and dress wheels	88
	Boron Carbide Dressing Stick B4C Extremely wear resistant	88

Mold Polishing Stone Usage Key:



EDM Polishing Stones (Aluminum Oxide)



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

Wet

Ultrasonic

AM-8		100	120	150	180	220	320	400	600	800	1000	1200
1/16	1/16 x 1/4 x 6 12 pcs/box	020010	020120	020230	020340	020450	020670	020780	021000	078500	078520	078540
	1/16 x 1/2 x 6 12 pcs/box	020020	020130	020240	020350	020460	020680	020790	021010	078501	078521	078541
1/8	1/8 x 1/8 x 6 12 pcs/box	020030	020140	020250	020360	020470	020690	020800	021020	078502	078522	078542
	1/8 x 1/4 x 6 12 pcs/box	020040	020150	020260	020370	020480	020700	020810	021030	078503	078523	078543
	1/8 x 1/2 x 6 12 pcs/box	020050	020160	020270	020380	020490	020710	020820	021040	078504	078524	078544
	1/8 x 1 x 6 12 pcs/box	020060	020170	020280	020390	020500	020720	020830	021050	078505	078525	078545
5/32	5/32 x 5/32 x 6 12 pcs/box	020070	020180	020290	020400	020510	020730	020840	021060	078506	078526	078546
1/4	1/4 x 1/4 x 6 12 pcs/box	020090	020200	020310	020420	020530	020750	020860	021080	078507	078527	078547
	1/4 x 1/2 x 6 12 pcs/box	020100	020210	020320	020430	020540	020760	020870	021090	078508	078528	078548
	1/4 x 1 x 6 12 pcs/box	020110	020220	020330	020440	020550	020770	020880	021100	078509	078529	078549
3/8	3/8 x 3/8 x 6 12 pcs/box	020112	020222	020332	020442	020552	020772	020885	021102	078510	078530	078550
SHAPES	1/4 x Round x 5.5 12 pcs/box	020114	020227	020334	020447	020557	020777	020887	021107	078511	078531	078551
	3/8 x Round x 5.5 12 pcs/box	020116	020228	020336	020448	020558	020778	020889	021108	078512	078532	078552
	1/4 x Triangle x 6 12 pcs/box	020118	020224	020338	020444	020554	020774	020900	021104	078513	078533	078553
	3/8 x Triangle x 6 12 pcs/box	020119	020225	020339	020445	020555	020775	020902	021105	078514	078534	078554



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	280	320	400	600	800	1000	1200
1/16	1/16 x 1/4 x 6 12 pcs/box	021150	021260	021370	021480	021590	021700	021810	021920	022140	032005	032055	032105
	1/16 x 1/2 x 6 12 pcs/box	021160	021270	021380	021490	021600	021710	021820	021930	022150	032010	032060	032110
1/8	1/8 x 1/8 x 6 12 pcs/box	021170	021280	021390	021500	021610	021720	021830	021940	022160	032015	032065	032115
	1/8 x 1/4 x 6 12 pcs/box	021180	021290	021400	021510	021620	021730	021840	021950	022170	032020	032070	032120
	1/8 x 1/2 x 6 12 pcs/box	021190	021300	021410	021520	021630	021740	021850	021960	022180	032025	032075	032125
	1/8 x 1 x 6 12 pcs/box	021200	021310	021420	021530	021640	021750	021860	021970	022190	032030	032080	032130
5/32	5/32 x 5/32 x 6 12 pcs/box	021210	021320	021430	021540	021650	021760	021870	021980	022200	032035	032085	032135
1/4	1/4 x 1/4 x 6 12 pcs/box	021230	021340	021450	021560	021670	021780	021890	022000	022220	032040	032090	032140
	1/4 x 1/2 x 6 12 pcs/box	021240	021350	021460	021570	021680	021790	021900	022010	022230	032045	032095	032145
	1/4 x 1 x 6 12 pcs/box	021250	021360	021470	021580	021690	021800	021910	022020	022240	032050	032100	032150
3/8	3/8 x 3/8 x 6 12 pcs/box	021277	021377	021577	021677	021777	021877	021977	022077	022177	022277	022377	032146
1/2	1/2 x 1 x 6 12 pcs/box	021253	021363	021473	021583	021693	022245	021913	022023	022243	022250	022255	022260

EDM Polishing Stones (Aluminum Oxide)



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 12 pcs/box	082005	082080	082203	082307	082405	082604
	1/16 x 1/2 x 6 12 pcs/box	082011	082085	082215	082311	082412	082606
1/8	1/8 x 1/8 x 6 12 pcs/box	082015	082101	082219	082319	082417	082615
	1/8 x 1/4 x 6 12 pcs/box	082019	082115	082225	082322	082419	082619
	1/8 x 1/2 x 6 12 pcs/box	082021	082120	082230	082325	082421	082623
	1/8 x 1 x 6 12 pcs/box	082023	082126	082232	082330	082425	082627
5/32	5/32 x 5/32 x 6 12 pcs/box	082029	082129	082236	082335	082430	082633
1/4	1/4 x 1/4 x 6 12 pcs/box	082035	082137	082239	082340	082439	082637
	1/4 x 1/2 x 6 12 pcs/box	082042	082142	082242	082342	082442	082642
	1/4 x 1 x 6 12 pcs/box	082045	082149	082252	082346	082455	082659
3/8	3/8 x 3/8 x 6 12 pcs/box	082055	082144	082254	082355	082457	082661
SHAPES	1/4 x Round x 5.5 12 pcs/box	082083	082145	082283	082367	082471	082695
	1/4 x Triangle x 6 12 pcs/box	082066	082150	082270	082362	082465	082700
	3/8 x Triangle x 6 12 pcs/box	082070	082155	082275	082365	082467	082705



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.



Hand



Profiler



Wet



MADE IN USA

Golden Star		150	180	220	320	400	600	800	1000
1/8	1/8 x 1/8 x 6 12 pcs/box	088100	088101	088102	088103	088104	088105	088106	088107
	1/8 x 1/4 x 6 12 pcs/box	088120	0881 21	088122	088123	088124	088125	088126	088127
	1/8 x 1/2 x 6 12 pcs/box	088130	088131	088132	088133	088134	088135	088136	088137
5/32	5/32 x 5/32 x 6 12 pcs/box	088111	088112	088113	088114	088115	088116	088117	088118
1/4	1/4 X 1/4 X 6 12 pcs/box	088140	088141	088142	088143	088144	088145	088146	088147
	1/4 X 1/2 X 6 12 pcs/box	088150	088151	088152	088153	088154	088155	088156	088157
	1/4 X 1 X 6 12 pcs/box	088180	088181	088182	088183	088184	088185	088186	088187
3/8	3/8 X 3/8 X 6 12 pcs/box	088190	088191	088192	088193	088194	088195	088196	088197

General Purpose Stones (Aluminum Oxide)



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, kirkcote and high chrome/nickel stainless steel.



Hand



Profiler



Wet



Dry



MADE IN USA

AM-2		100	150	180	220	320	400	600	900	1200
1/16	1/16 x 1/4 x 6 12 pcs/box	023210	023340	023465	023600	023860	023990	024250	024510	077870
	1/16 x 1/2 x 6 12 pcs/box	023220	023350	023470	023610	023870	024000	024260	024520	077871
1/8	1/8 x 1/8 x 6 12 pcs/box	023230	023360	023490	023620	023880	024010	024270	024530	077872
	1/8 x 1/4 x 6 12 pcs/box	023240	023370	023500	023630	023890	024020	024280	024540	077873
	1/8 x 1/2 x 6 12 pcs/box	023250	023380	023510	023640	023900	024030	024290	024550	077874
	1/8 x 1 x 6 12 pcs/box	023260	023390	023520	023650	023910	024040	024300	024560	077875
5/32	5/32 x 5/32 x 6 12 pcs/box	023270	023400	023530	023660	023920	024050	024310	024570	077876
1/4	1/4 x 1/4 x 6 12 pcs/box	023290	023420	023550	023680	023940	024070	024330	024590	077877
	1/4 x 1/2 x 6 12 pcs/box	023300	023430	023560	023690	023950	024080	024340	024600	077878
	1/4 x 1 x 6 12 pcs/box	023310	023440	023570	023700	023960	024090	024350	024610	077879
3/8	3/8 x 3/8 x 6 12 pcs/box	023315	023445	023575	023705	023965	024095	024355	024615	077880
1/2	1/2 x 1/2 x 6 12 pcs/box	023320	023450	023580	023710	023970	024100	024360	024620	077881
	1/2 x 1 x 6 12 pcs/box	023330	023460	023590	023720	023980	024110	024370	024630	077882
1	1 x 1 x 6 6 pcs/box	023331	023461	023591	023721	023981	024111	024371	024635	077883
SHAPES	1/4 x Round x 5.5 12 pcs/box	023336	023466	023593	023726	023986	024116	024376	024636	077884
	3/8 x Round x 5.5 12 pcs/box	023337	023467	023594	023727	023987	024117	024377	024645	077885
	1/2 x Round x 5.5 12 pcs/box	023338	023468	023595	023728	023988	024118	024378	024650	077886
	1/4 x Triangle x 6 12 pcs/box	023333	023463	023596	023723	023983	024113	024379	024655	077887
	3/8 x Triangle x 6 12 pcs/box	023334	023464	023597	023724	023984	024114	024375	024660	077888



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 12 pcs/box	081017	081070	081203	081323	081405	081611
	1/16 x 1/2 x 6 12 pcs/box	081012	081075	081210	081324	081409	081620
1/8	1/8 x 1/8 x 6 12 pcs/box	081015	081112	081215	081329	081412	081625
	1/8 x 1/4 x 6 12 pcs/box	081019	081117	081223	081333	081419	081629
	1/8 x 1/2 x 6 12 pcs/box	081022	081123	081225	081335	081421	081631
	1/8 x 1 x 6 12 pcs/box	081025	081128	081231	081336	081422	081633
5/32	5/32 x 5/32 x 6 12 pcs/box	081030	081135	081235	081339	081425	081639
1/4	1/4 x 1/4 x 6 12 pcs/box	081037	081139	081236	081340	081436	081640
	1/4 x 1/2 x 6 12 pcs/box	081042	081142	081242	081342	081442	081642
	1/4 x 1 x 6 12 pcs/box	081045	081149	081273	081349	081449	081646
3/8	3/8 x 3/8 x 6 12 pcs/box	081048	081150	081278	081353	081452	081655
1/2	1/2 x 1/2 x 6 12 pcs/box	081053	081154	081283	081354	081455	081662
	1/2 x 1 x 6 12 pcs/box	081057	081157	081286	081355	081460	081664
1	1 x 1 x 6 6 pcs/box	081062	081163	081289	081359	081465	081669
SHAPES	1/4 x Round x 5.5 12 pcs/box	081073	081165	081295	081367	081488	081670
	3/8 x Round x 5.5 12 pcs/box	081078	081167	081297	081371	081489	081675
	1/2 x Round x 5.5 12 pcs/box	081099	081169	081299	081374	081495	081680
	1/4 x Triangle x 6 12 pcs/box	081065	081170	081290	081361	081469	081685
	3/8 x Triangle x 6 12 pcs/box	081069	081175	081291	081364	081470	081690

General Purpose Stones (Aluminum Oxide)



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 12 pcs/box	025980	026120	026260	026400	026680	026820	027100
	1/16 x 1/2 x 6 12 pcs/box	025990	026130	026270	026410	026690	026830	027110
1/8	1/8 x 1/8 x 6 12 pcs/box	025995	026140	026280	026420	026700	026840	027120
	1/8 x 1/4 x 6 12 pcs/box	026010	026150	026290	026430	026710	026850	027130
	1/8 x 1/2 x 6 12 pcs/box	026020	026160	026300	026440	026720	026860	027140
	1/8 x 1 x 6 12 pcs/box	026030	026170	026310	026450	026730	026870	027150
5/32	5/32 x 5/32 x 6 12 pcs/box	026040	026180	026320	026460	026740	026880	027160
1/4	1/4 x 1/4 x 6 12 pcs/box	026060	026200	026340	026480	026760	026900	027180
	1/4 x 1/2 x 6 12 pcs/box	026070	026210	026350	026490	026770	026910	027190
	1/4 x 1 x 6 12 pcs/box	026080	026220	026360	026500	026780	026920	027200
3/8	3/8 x 3/8 x 6 12 pcs/box	026085	026225	026365	026505	026785	026925	027205
1/2	1/2 x 1/2 x 6 12 pcs/box	026090	026230	026370	026510	026790	026930	027210
	1/2 x 1 x 6 12 pcs/box	026100	026240	026380	026520	026800	026940	027220
1	1 x 1 x 6 6 pcs/box	026110	026250	026390	026530	026810	026950	027230



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 12 pcs/box	027310	027450	027590	027730	028010	028150	028430	077300	077310	077320
	1/8 x 1/2 x 6 12 pcs/box	027320	027460	027600	027740	028020	028160	028440	077301	077311	077321
1/4	1/4 x 1/4 x 6 12 pcs/box	027360	027500	027640	027780	028060	028200	028480	077302	077312	077322
	1/4 x 1/2 x 6 12 pcs/box	027370	027510	027650	027790	028070	028210	028490	077303	077313	077323

General Purpose Stones (Silicon Carbide)



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 12 pcs/box	024850	024990	025130	025410	025550	025830	077600	077700	077800
	1/8 x 1/2 x 6 12 pcs/box	024860	025000	025140	025420	025560	025840	077610	077710	077810
1/4	1/4 x 1/4 x 6 12 pcs/box	024900	025040	025180	025460	025600	025880	077620	077720	077820
	1/4 x 1/2 x 6 12 pcs/box	024910	025050	025190	025470	025610	025890	077630	077730	077830
	1/4 x 1 x 6 12 pcs/box	024920	025060	025200	025480	025620	025900	077640	077740	077840
3/8	3/8 x 3/8 x 6 12 pcs/box	024915	025055	025192	025475	025615	025895	077625	077735	077835
1/2	1/2 x 1/2 x 6 12 pcs/box	024930	025070	025210	025490	025630	025910	077650	077750	077850
	1/2 x 1 x 6 12 pcs/box	024940	025080	025220	025500	025640	025920	077660	077760	077860



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 12 pcs/box	035110	035205	035305	035505	035605	035805	078300	078320	078335
1/8	1/8 x 1/4 x 6 12 pcs/box	035113	035213	035313	035513	035613	035813	078301	078321	078336
	1/8 x 1/2 x 6 12 pcs/box	035117	035217	035317	035517	035617	035817	078302	078322	078337
5/32	5/32 x 5/32 x 6 12 pcs/box	035120	035220	035320	035525	035625	035825	078303	078323	078338
1/4	1/4 x 1/4 x 6 12 pcs/box	035129	035229	035329	035529	035629	035829	078304	078324	078339
	1/4 x 1/2 x 6 12 pcs/box	035133	035233	035333	035533	035633	035833	078305	078325	078340
	1/4 x 1 x 6 12 pcs/box	035137	035237	035337	035537	035637	035837	078306	078326	078341
3/8	3/8 x 3/8 x 6 12 pcs/box	035140	035241	035341	035541	035641	035841	078307	078327	078342
1/2	1/2 x 1/2 x 6 12 pcs/box	035145	035245	035345	035545	035645	035845	078308	078328	078343
	1/2 x 1 x 6 12 pcs/box	035149	035249	035349	035549	035649	035849	078309	078329	078344
1	1 x 1 x 6 6 pcs/box	035150	035253	035353	035553	035653	035853	078310	078330	078345
SHAPES	1/4 x Round x 5.5 12 pcs/box	035155	035255	035373	035573	035673	035873	078311	078331	078346

General Purpose Stones (Silicon Carbide)



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.



Hand



Profiler



Wet



Dry



MADE IN USA

CS-HD		120	150	220	320	400	600	800	1000	1200
1/16	1/16 x 1/2 x 6 12 pcs/box	036110	036205	036305	036505	036605	036805	078400	078420	078440
1/8	1/8 x 1/4 x 6 12 pcs/box	036113	036213	036313	036513	036613	036813	078401	078421	078441
	1/8 x 1/2 x 6 12 pcs/box	036117	036217	036317	036517	036617	036817	078402	078422	078442
	1/8 x 1 x 6 12 pcs/box	036146	036221	036321	036521	036621	036821	078404	078424	078443
5/32	5/32 x 5/32 x 6 12 pcs/box	036118	036225	036325	036525	036625	036825	078403	078423	078444
1/4	1/4 x 1/4 x 6 12 pcs/box	036129	036229	036329	036529	036629	036829	078405	078425	078445
	1/4 x 1/2 x 6 12 pcs/box	036133	036233	036333	036533	036633	036833	078406	078426	078446
	1/4 x 1 x 6 12 pcs/box	036141	036237	036337	036537	036637	036835	078407	078427	078447
3/8	3/8 x 3/8 x 6 12 pcs/box	036143	036240	036341	036541	036641	036840	078408	078428	078448
1/2	1/2 x 1/2 x 6 12 pcs/box	036145	036245	036345	036545	036645	036845	078409	078429	078449
	1/2 x 1 x 6 12 pcs/box	036147	036249	036349	036549	036649	036850	078410	078430	078450
1	1 x 1 x 6 6 pcs/box	036150	036253	036353	036553	036653	036853	078411	078431	078451



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.



RASP		80	100	150	220	320	400	600	900	1200
1/8	1/8 x 1/4 x 6 12 pcs/box	056100	056120	056230	056320	056410	056500	056590	056700	077900
	1/8 x 1/2 x 6 12 pcs/box	056101	056121	056240	056330	056420	056510	056595	056710	077901
5/32	5/32 x 5/32 x 6 12 pcs/box	056102	056122	056250	056340	056430	056520	056610	056720	077902
1/4	1/4 x 1/4 x 6 12 pcs/box	056103	056123	056260	056350	056440	056530	056620	056730	077903
	1/4 x 1/2 x 6 12 pcs/box	056104	056124	056270	056360	056450	056540	056630	056740	077904
	1/4 x 1 x 6 12 pcs/box	056105	056125	056280	056370	056460	056550	056640	056750	077905
1/2	1/2 x 1/2 x 6 12 pcs/box	056106	056126	056290	056380	056470	056560	056650	056760	077906
	1/2 x 1 x 6 12 pcs/box	056107	056127	056300	056390	056480	056570	056660	056770	077907
1	1 x 1 x 6 6 pcs/box	056108	056128	056310	056400	056490	056580	056670	056780	077908

Specialty Stones (Aluminum Oxide)



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



Dry



MADE IN USA

PC		150	220	320	400	600	900	1200
1/8	1/8 x 1/4 x 6 12 pcs/box	059230	059330	059530	059630	059730	059830	059930
	1/8 x 1/2 x 6 12 pcs/box	059240	059340	059540	059640	059740	059840	059940
5/32	5/32 x 5/32 x 6 12 pcs/box	059215	059315	059515	059615	059715	059815	059915
1/4	1/4 x 1/4 x 6 12 pcs/box	059250	059350	059550	059650	059750	059850	059950
	1/4 x 1/2 x 6 12 pcs/box	059260	059360	059560	059660	059760	059860	059960
	1/4 x 1 x 6 12 pcs/box	059265	059365	059565	059665	059765	059865	059965
1/2	1/2 x 1/2 x 6 12 pcs/box	059270	059370	059570	059670	059770	059870	059970
	1/2 x 1 x 6 12 pcs/box	059275	059375	059575	059675	059775	059875	059975
1	1 x 1 x 6 6 pcs/box	059280	059380	059580	059680	059780	059880	059980



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 12 pcs/box	036900	037096	037292	037492	037688	077550	077565	077580
	1/16 x 1/2 x 6 12 pcs/box	036910	037100	037296	037496	037690	077551	077566	077581
1/8	1/8 x 1/4 x 6 12 pcs/box	036912	037108	037304	037504	037700	077552	077567	077582
	1/8 x 1/2 x 6 12 pcs/box	036916	037112	037316	037508	037704	077553	077568	077583
	1/8 x 1 x 6 12 pcs/box	036918	037114	037318	037510	037706	077554	077569	077584
5/32	5/32 x 5/32 x 6 12 pcs/box	036924	037120	037320	037516	037712	077555	077570	077585
1/4	1/4 x 1/4 x 6 12 pcs/box	036928	037124	037324	037520	037716	077556	077571	077586
	1/4 x 1/2 x 6 12 pcs/box	036932	037128	037328	037524	037736	077557	077572	077587
	1/4 x 1 x 6 12 pcs/box	036936	037132	037332	037528	037738	077558	077573	077588
3/8	3/8 x 3/8 x 6 12 pcs/box	036935	037130	037330	037525	037735	077561	077576	077591
1/2	1/2 x 1 x 6 12 pcs/box	036952	037148	037348	037544	037740	077559	077574	077589
1	1 x 1 x 6 6 pcs/box	036956	037152	037352	037548	037744	077560	077575	077590

Specialty Stones (Aluminum Oxide)



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.



Hand



Wet



Dry



MADE IN USA

T4		150	220	320	400	600	800	1000	1200
1/8	1/8 x 1/4 x 6 12 pcs/box	038192	038352	038432	038512	038592	077330	077440	077500
	1/8 x 1/2 x 6 12 pcs/box	038196	038356	038436	038516	038596	077331	077441	077501
	1/8 x 1 x 6 12 pcs/box	038214	038357	038437	038517	038597	077332	077442	077502
1/4	1/4 x 1/4 x 6 12 pcs/box	038208	038368	038448	038528	038608	077333	077443	077503
	1/4 x 1/2 x 6 12 pcs/box	038212	038372	038452	038532	038612	077334	077444	077504
	1/4 x 1 x 6 12 pcs/box	038216	038376	038456	038536	038616	077335	077445	077505
1/2	1/2 x 1 x 6 12 pcs/box	038226	038388	038468	038551	038631	077336	077446	077506
1	1 x 1 x 6 6 pcs/box	038232	038392	038472	038552	038632	077337	077447	077507



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 12 pcs/box	033101	033201	033401	033601	033701	033901	077001	077101	077201
	1/16 x 1/2 x 6 12 pcs/box	033105	033205	033405	033605	033705	033905	077005	077105	077205
1/8	1/8 x 1/8 x 6 12 pcs/box	033109	033209	033409	033609	033709	033909	077009	077109	077209
	1/8 x 1/4 x 6 12 pcs/box	033113	033213	033413	033613	033713	033913	077013	077113	077213
	1/8 x 1/2 x 6 12 pcs/box	033117	033217	033417	033617	033717	033917	077017	077117	077217
	1/8 x 1 x 6 12 pcs/box	033121	033221	033421	033621	033721	033920	077020	077120	077220
5/32	5/32 x 5/32 x 6 12 pcs/box	033125	033225	033425	033625	033725	033925	077025	077125	077225
1/4	1/4 x 1/4 x 6 12 pcs/box	033129	033229	033429	033629	033729	033929	077029	077129	077229
	1/4 x 1/2 x 6 12 pcs/box	033133	033233	033433	033633	033733	033933	077033	077133	077233
	1/4 x 1 x 6 12 pcs/box	033137	033237	033437	033637	033737	033937	077037	077137	077237
3/8	3/8 x 3/8 x 6 12 pcs/box	033141	033241	033441	033641	033741	033841	077041	077141	077241
1/2	1/2 x 1/2 x 6 12 pcs/box	033145	033245	033445	033645	033745	033945	077045	077145	077245
	1/2 x 1 x 6 12 pcs/box	033149	033249	033449	033649	033749	033949	077049	077149	077249
1	1 x 1 x 6 6 pcs/box	033153	033253	033453	033653	033753	033953	077053	077153	077253
SHAPES	1/4 x Round x 5.5 12 pcs/box	033189	033289	033489	033689	033789	033989	077089	077189	077289
	3/8 x Round x 5.5 12 pcs/box	033168	033293	033493	033693	033793	033993	077093	077193	077293
	1/2 x Round x 5.5 12 pcs/box	033191	033295	033497	033697	033797	033997	077097	077197	077297
	1/4 x Triangle x 6 12 pcs/box	033171	033294	033471	033669	033769	033998	077098	077198	077298
	3/8 x Triangle x 6 12 pcs/box	033173	033297	033473	033667	033773	033999	077099	077199	077299
	1/2 x Triangle x 6 12 pcs/box	033177	033300	033475	033665	033775	033991	077091	077191	077291
	1 x Triangle x 6 6 pcs/box	033181	033302	033478	033663	033777	033992	077092	077192	077292

Specialty Stones (Aluminum Oxide)



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



Wet



Dry



MADE IN USA

TH		150	220	320	400	600	800	1000	1200
1/8	1/8 x 1/4 x 6 12 pcs/box	034912	034108	034304	034504	034700	077520	077530	077540
	1/8 x 1/2 x 6 12 pcs/box	034916	034112	034316	034508	034704	077521	077531	077541
1/4	1/4 x 1/4 x 6 12 pcs/box	034928	034124	034324	034520	034716	077522	077532	077542
	1/4 x 1/2 x 6 12 pcs/box	034932	034128	034328	034524	034736	077523	077533	077543
	1/4 x 1 x 6 12 pcs/box	034936	034132	034332	034528	034738	077524	077534	077544
1/2	1/2 x 1 x 6 12 pcs/box	034933	034125	034333	034536	034737	077525	077535	077545
1	1 x 1 x 6 6 pcs/box	034937	034126	034334	034537	034740	077526	077536	077546



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 12 pcs/box	028600
	1/8 x 1/2 x 6 12 pcs/box	028610
1/4	1/4 x 1/4 x 6 12 pcs/box	028630
	1/4 x 1/2 x 6 12 pcs/box	028640
	1/4 x 1 x 6 12 pcs/box	028650
1/2	1/2 x 1/2 x 6 12 pcs/box	028660
SHAPES	1/4 x Triangle x 6 12 pcs/box	028672



Roughing Stones

From soft to hard the Roughout Stones enable rapid, aggressive stock removal. The RO-GS is the softest of the lineup followed by the RO-Med, the Roughout and finally the RO-Hard.



Hand



Profiler



Wet



Dry



MADE IN USA

Ruby		60	80	100	150	220
1/8	1/8 x 1/4 x 6 12 pcs/box	074213	074313	074513	074613	074813
	1/8 x 1/2 x 6 12 pcs/box	074217	074317	074517	074617	074817
1/4	1/4 x 1/4 x 6 12 pcs/box	074229	074329	074529	074629	074829
	1/4 x 1/2 x 6 12 pcs/box	074233	074333	074533	074633	074833
	1/4 x 1 x 6 12 pcs/box	074243	074343	074543	074643	074843
1/2	1/2 x 1/2 x 6 12 pcs/box	074241	074341	074541	074641	074841
	1/2 x 1 x 6 12 pcs/box	074245	074345	074545	074645	074845

Roughouts		80	100	120	180
1/4	1/4 x 1 x 8 12 pcs/box	029516	029530	029545	029575
1/2	1/2 x 1 x 8 12 pcs/box	029519	029533	029548	029578
1	1 x 1 x 8 6 pcs/box	029521	029536	029551	029581
	1 x 2 x 8 3 pcs/box	029524	029539	029554	029584

RO-Med		80	100	150	220
1/4	1/4 x 1 x 8 12 pcs/box	029200	029230	029260	029290
1/2	1/2 x 1 x 8 12 pcs/box	029210	029240	029270	029300
1	1 x 2 x 8 3 pcs/box	029220	029250	029280	029310

RO-GS		100	120
1/4	1/4 x 1/2 x 8 12 pcs/box	029316	029340
	1/4 x 1 x 8 12 pcs/box	029318	029342
1/2	1/2 x 1 x 8 12 pcs/box	029320	029350

RO-Hard		150	220
1/4	1/4 x 1 x 8 12 pcs/box	029460	029490
1/2	1/2 x 1 x 8 12 pcs/box	029470	029500
1	1 x 2 x 8 3 pcs/box	029480	029510



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.



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

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



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"

Combination Round Knife Stones (Silicon Carbide)

1 piece per box

076230	120/320 Grit, 4 x 1-1/2"
--------	--------------------------

Natural Arkansas Stones

1 piece per box

076810	HF13 ARKANSAS STONE SQUARE
076811	HF33 ARKANSAS STONE SQUARE
076812	HF43 ARKANSAS STONE SQUARE
076813	HF113 ARKANSAS STONE TRIANGLE
076814	HF133 ARKANSAS STONE TRIANGLE
076815	HF143 ARKANSAS STONE TRIANGLE
076816	HF813 ARKANSAS STONE ROUND
076817	HF823 ARKANSAS STONE FLAT
076818	HF833 ARKANSAS STONE BEVEL
076819	HF843 ARKANSAS STONE DIAMOND
076820	HF853 ARKANSAS STONE OVAL
076821	HF863 ARKANSAS STONE POINT
076822	HF873 ARKANSAS STONE KNIFE BLADE
076823	HB14 ULTRA FINE ARKANSAS STONE PEN KNIFE
076824	AT11 ARKANSAS STONE ENGRAVERS PT 1/8" x 1"

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
--------	---



Mold Polishing Stone Kits

Our Mold Polishing Stone Kits offer the same sizes and grits for each polishing stone type: 1/8 x 1/2 x 6 in 150, 220, 320, 400 and 600 grits.



AM-8 028952



AS-9 028954



Orange EDM 028963



Golden Star 028993



AM-2 028956



Die Stone 028960



CS-M 028971



CS-HD 028969



RASP 028972



PC 028968



T2 028958



T4 028965



AO 028970



TH 028967



Mold Polishing Stone Fine Grit Kits

Our Mold Polishing Stone Fine Grit Kits offer one stone of each grit listed below in size 1/8 x 1/2 x 6.

STONE / GRIT

AM-8	320, 400, 600, 800, 1000, 1200
AS-9	320, 400, 600, 800, 1000, 1200
Golden Star	320, 400, 600, 800, 1000
AM-2	320, 400, 600, 900, 1200
AS-H	320, 400, 600, 800, 1000, 1200
CS-M	320, 400, 600, 800, 1000, 1200
CS-HD	320, 400, 600, 800, 1000, 1200
RASP	320, 400, 600, 900, 1200
PC	320, 400, 600, 900, 1200
T2	320, 400, 600, 800, 1000, 1200
T4	320, 400, 600, 800, 1000, 1200
AO	320, 400, 600, 800, 1000, 1200
TH	320, 400, 600, 800, 1000, 1200



AM-8 028986



AS-9 028974



Golden Star 028994



AM-2 028990



AS-H 028978



CS-M 028988



CS-HD 028989



RASP 028991



PC 028975



T2 028987



T4 028973



AO 028976



TH 028977



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.



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 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 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 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



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 x 0.7 x 50mm, grits 120, 300, 600, and 1200

674640



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

0.9 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



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.



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)



Polishing Stone Holders

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



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 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



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



Polishing 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, long, 3/16" shank



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



Replacement Ring
029958
Large brass replacement ring



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

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



Detail Stone Holders

Excellent holding power and vibration reduction.
Designed for use in a profiler with detail stones.
Available in 3mm, 1/8" and 3/16" shanks.



**Profiler Stone Holder for
Detail Stones**
029950
1/8" shank



**Profiler Stone Holder for
Detail Stones**
029953
3mm shank



**Profiler Stone Holder for
Detail Stones**
029954
3/16" shank



Replacement Ring
029955
Small brass replacement ring



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 & Ultrasonic Profilers

The perfect tools for polishing fine detail areas and ribs and slots. The Turbo-Laps should be used at 80 psi or a maximum of 85 psi with clean, dry air. The U-Laps should be used at 80 psi or a maximum of 85 psi, and require a filter-lubricator. These tools provide excellent performance with BORIDE mold stones, Ceramic Super Stones and Cristones®.

The Ultrasonic Eco Polisher is a powerful, high performance ultrasonic polishing machine ideal for precision polishing and deburring and specially designed for efficient use of Ceramic Super Stones and Cristones®.



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 / 30,000 RPM



U-LAP 70 Profiler
U-LAP 70
0.7mm stroke length / 28,000 RPM



U-LAP 120 Profiler
U-LAP 120
1.2mm stroke length / 25,000 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.



Ultrasonic Eco Polisher – Electric
EPC-120ST

High performance ultrasonic polishing machine ideal for precision polishing and deburring. Specially designed for efficient use of detail stones including Ceramic Super Stones and Cristones®. Stable body design and smooth vibration to prevent fatigue even after long time use.

Includes: Hand Piece, Vertical and Flare Shape Controller, Speed Control Foot Pedal, Hand Piece Holder, and 3 ceramic stone holders to accommodate flat stones 0.5-1.5mm and 2.34mm and 3.0mm round stones.



Air & Electric Grinders

Excellent tools for many applications including polishing and precision grinding.



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, 52,500 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



Pencil Die Grinder SP75R-IMP
Straight pencil type with maximum speed of 75,000 RPM. Slim body design for intricate work and small diameter to facilitate precise control. 1/8" standard collet with 3/32", 3mm and 2.34mm collet options available. Removable collet guard for increased control and spindle protection.



Die Grinders

High speed, powerful Die Grinders perfect for use with our carbide burs, mounted points and other abrasives. Air tool repair service is available as well as repair parts.



High Speed Die Grinder SD45LR-IMP
Compact Die Grinder with a maximum speed of 45,000 RPM. 1/4" standard collet with 1/8", 6mm and 3mm collet options available. Hybrid design offers the best of a pencil grinder and standard die grinder. Powerful for digging out defects. Simple lever operation for when use is not continuous. Includes ergo sleeve fitted for operator comfort.

Grande BLH 600 Micromotor Grinder – ELECTRIC BLH 600ST
Super-high speed brushless micromotor hand piece with a maximum speed of 50,000 RPM. Torque control system and RPM digital display. Also compatible with 35,000 and 40,000 RPM brush type motor hand pieces (sold separately).
Includes: 50,000 RPM Hand Piece with 1/8" Collet, Hybrid Control Unit, Speed Control Foot Pedal, Hand Piece Holder and Collet Chuck Changing Jig Set. Additional optional equipment and accessories available.



Foredom Portable Micromotor 1030158
Small and lightweight tool that has plenty of power for high speed applications up to 30,000 RPM including light deburring, fine detailing, polishing and even grinding on metal, wood, glass and many other materials.
Kit Includes: 1/8" Collet Hand Piece, Control Unit with Built-in Battery, Charger/Adapter, Hand Piece Cradle, Motor Brushes (spare)



Carrying Pouch
A-KC300



Plastic Case
AP1130



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.



Sheenus neo Standard Set Ultrasonic Polisher 8094

Sheenus neo can be used for grinding, polishing and mirror finishing on a wide range of materials from aluminum dies to cemented carbide dies. It is also perfect for plastic molds, press, casting, forging, trimming and header dies.

Includes: Control Unit, Ultrasonic Hand Piece, 2 Tip Holders, 1 Ceramic Super Stone, 1 Diamond File, 1 Toolbox, 1 Hand Piece Stand, 2 Wrenches, 1 Foot Pedal.



Emax EVOLution Standard Set 8231

1,000-40,000min-1 RPM. Speed Control Volume with Flash Load Indicator, Memory Speed Function Fixspeed®, 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 R011149

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 Fixspeed®, 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.



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 & 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.



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.



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.



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.



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.



Also available in money saving kits.
SEE PAGE 24

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

Detail Stone Holders



Round Detail Stone Holder
029925
Holds 3mm round 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

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.



Also available in
money saving kits.
SEE PAGE 24

Shape Dimension (mm)		VIOLET 80	GREEN 120	GOLD 180	LT BRN 300	ORANGE 400	BLACK 600	BLUE 800	WHITE 1000	RED 1200
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 2 x 100	669804	669904	670104	670204	670304	670504	670704	670804	670904
	1 x 4 x 100	669814	669914	670114	670214	670314	670514	670714	670814	670914
	1 x 6 x 100	669834	669934	670134	670234	670334	670534	670734	670834	670934
	1 x 10 x 100	669854	669954	670154	670254	670354	670554	670754	670854	670954
	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
	3.16 x 50	669891	669991	670091	670191	670391	670591	670791	670891	670991



Miniature 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.



Also available in money saving kits.
SEE PAGE 24

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

Miniature Ceramic Super Stone Holders



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



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 24

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	—

Detail Stone Holders



Round Detail Stone Holder
029925
Holds 3mm round 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



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.



Wet



Dry



Profilor



Hand



MADE IN USA

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 Stone Holders



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



Detail Stone Holders

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



029925
Holds 3mm Round Detail Stones



029900
Holds 2mm Detail Stones



029930
Holds 4mm Detail Stones



029935
Holds 6mm Detail Stones



029940
Holds 8-10mm Detail Stones



029946
Holds 0.5 x 0.5mm Miniature Ceramic Super Stones



029947
Holds 0.7 x 0.7mm Miniature Ceramic Super Stones



029948
Holds 0.9 x 0.9mm Miniature Ceramic Super Stones



029949
Holds 1.4 x 1.4mm Miniature Ceramic Super Stones



029950
Profiler Stone Holder for Detail Stones - 1/8" shank



029953
Profiler Stone Holder for Detail Stones - 3mm shank



029954
Profiler Stone Holder for Detail Stones - 3/16" shank

029955
Ceramic Stone Holder small brass replacement ring





Mold Makers Diamond

Mold Makers Diamond has a wide thermal processing range allowing it to be used under the most demanding conditions. It is oil soluble with consistent diamond particles and is used for precision finishing for all types of molds and dies. The unique 5 and 18 gram syringes are dial controlled offering precise compound distribution. Syringes are individually packaged in boxes for easy stocking on shelves.



Water-Based Diamond Compounds

Grade	Micron	Color	5 GRAM SYRINGE				18 GRAM SYRINGE			
			Medium	Heavy	Extra Heavy	Super	Medium	Heavy	Extra Heavy	Super
100	100-150	Black	337011	337012	337013	337014	337031	337032	337033	337034
170	80-100	Dark Gray	337051	337052	337053	337054	337071	337072	337073	337074
230	54-80	Purple	337091	337092	337093	337094	337111	337112	337113	337114
45	36-54	Brown	337171	337172	337173	337174	337191	337192	337193	337194
30	22-36	Red	337251	337252	337253	337254	337231	337232	337233	337234
20	15-25	Light Blue	337291	337292	337293	337294	337311	337312	337313	337314
15	12-22	Blue	337331	337332	337333	337334	337351	337352	337353	337354
9	8-12	Green	337341	337412	337413	337414	337431	337432	337433	337434
6	4-8	Orange	337491	337492	337493	337494	337511	337512	337513	337514
4	2-6	Pink	337531	337532	337533	337534	337551	337552	337553	337554
3	2-4	Yellow	337571	337572	337573	337574	337591	331061	337593	337594
2	1-3	Lavender	337611	337612	337613	337614	337631	337632	337633	337634
1	0-2	White	337651	337652	337653	337654	337671	337672	337673	337674
1/2	0-1	Light Gray	337691	337692	337693	337694	337711	337712	337713	337714
1/4	0-1/2	Gray	337731	337732	337733	337734	337751	337752	337753	337754
1/10	0-1/4	Ivory	337771	337772	337773	337774	337791	337792	337793	337794

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 has a wide thermal processing range allowing it to be used under the most demanding conditions. It is oil soluble with consistent diamond particles and is used for precision finishing for all types of molds and dies. The unique 5 and 18 gram syringes are dial controlled offering precise compound distribution. Syringes are individually packaged in boxes for easy stocking on shelves.



Oil-Based Diamond Compounds

Grade	Micron	Color	5 GRAM SYRINGE				18 GRAM SYRINGE			
			Medium	Heavy	Extra Heavy	Super	Medium	Heavy	Extra Heavy	Super
100	100-150	Black	337001	337002	337003	337004	337021	3370022	337023	337024
170	80-100	Dark Gray	337041	337042	337043	337044	337061	337062	337063	337064
230	54-80	Purple	337081	337082	337083	337084	337101	337102	337103	337104
45	36-54	Brown	337161	337162	337163	337164	337181	337182	337183	337184
30	22-36	Red	331169	331170	331171	331172	331179	331180	331181	331182
20	15-25	Light Blue	337281	337282	337283	337284	337301	337302	337303	337304
15	12-22	Blue	331139	331140	331141	331142	331149	331150	331151	331152
9	8-12	Green	331109	331110	331111	331112	331119	331120	331121	331122
6	4-8	Orange	331079	331080	331081	331082	331089	331090	331091	331092
4	2-6	Pink	337521	337522	337523	337524	337541	337542	337543	337544
3	2-4	Yellow	331049	331050	331051	331052	331059	331060	331063	331052
2	1-3	Lavender	337601	337602	337603	337604	337621	337622	337623	337624
1	0-2	White	331019	331020	331021	331022	331029	331030	331031	331032
1/2	0-1	Light Gray	337681	331005	337683	337684	337701	331007	337703	337704
1/4	0-1/2	Gray	337721	337722	337723	337724	337741	337742	337743	337744
1/10	0-1/4	Ivory	337761	337762	337763	337764	337781	337782	337783	337784

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
---------------------------	--------



DIAMAX Diamond Compound

DIAMAX Diamond Compound is formulated for a broad range of mold and die finishing work. Manufactured diamond's toughness and extended durability are combined with the unsurpassed cutting capability of natural diamond. DIAMAX is either water based or oil soluble.



GRADE / COLOR / MESH	SIZE	APPLICATION	ITEM
1-STD / WHITE / 14,000	5 GM	Final Polish	332166
1-STD / WHITE / 14,000	18 GM	Final Polish	332323
3-STD / YELLOW / 8,000	5 GM	Final Polish	332637
3-STD / YELLOW / 8,000	18 GM	Final Polish	332794
6-STD / ORANGE / 3,000	5 GM	Final & Pre-Polish	333108
6-STD / ORANGE / 3,000	18 GM	Final & Pre-Polish	333265
8-STD / GREEN / 1,800	5 GM	Pre-Polish Lapping	333579
8-STD / GREEN / 1,800	18 GM	Pre-Polish Lapping	333736
14-STD / BLUE / 1,200	5 GM	Pre-Polish Lapping	334050
14-STD / BLUE / 1,200	18 GM	Pre-Polish Lapping	334207
25-STD / RED / 800	5 GM	Stock Removal	334521
25-STD / RED / 800	18 GM	Stock Removal	334678
45-STD / BROWN / 325	5 GM	Stock Removal	334992
45-STD / BROWN / 325	18 GM	Stock Removal	335149

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
---------------------------	--------



Felt Bobs & Felt Sticks

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. All items are on 1/8" mandrels unless otherwise specified. All felt bobs are 12 pieces per package. All felt sticks are 6 pieces per package.



Cylinder Shape



1/4 x 1/4

90343 Hard
90342 Medium
90341 Soft



1/4 x 3/8

90282 Hard
90283 Medium
90284 Soft



3/8 x 3/8

90285 Hard
90286 Medium
90287 Soft



3/8 x 1/2

90288 Hard
90289 Medium
90290 Soft



1/2 x 1/2

90291 Hard
90292 Medium
90293 Soft



1/2 x 3/4

90352 Hard
90387 Medium
90386 Soft



5/8 x 5/8

90355 Hard
90354 Medium
90353 Soft



3/4 x 3/4

90346 Hard
90345 Medium
90344 Soft



1 x 1

90294 Hard
90295 Medium
90296 Soft

Cylinder Shape 1/4" Mandrel



1 x 1

90280 Hard
90351 Medium
90350 Soft



2 x 2

90349 Hard
90348 Medium
90347 Soft

Cone Shape



3/8 x 1/2

90358 Hard
90357 Medium
90356 Soft



3/4 x 1-1/2

90385 Hard
90384 Medium
90383 Soft

Inverted U Shape



3/8 x 1/2

90368 Hard
90367 Medium
90366 Soft



1/2 x 1/2

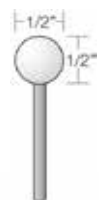
90371 Hard
90370 Medium
90369 Soft



3/4 x 3/4

90374 Hard
90373 Medium
90372 Soft

Ball Shape



1/2 x 1/2

90380 Hard
90379 Medium
90378 Soft



3/8 x 1/2

90281 Hard
90361 Medium
90360 Soft



1/2 x 1

90362 Hard

Bullet Shape

Felt Sticks



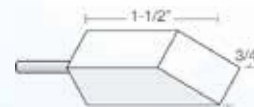
1/4 x 1/4 x 1-1/2

90277 Hard



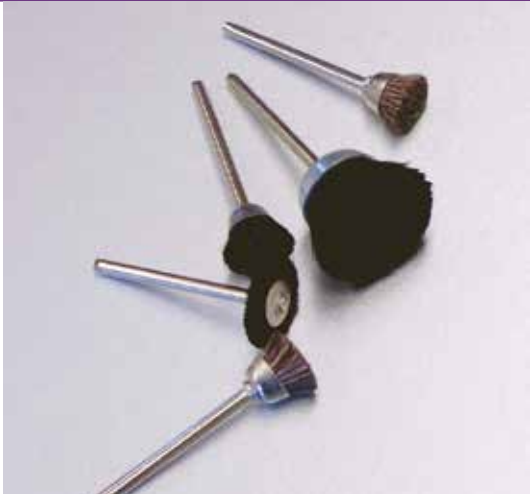
1/2 x 1/2 x 1-1/2

90276 Hard



3/4 x 3/4 x 1-1/2

90275 Hard



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.



Bristle Wheel
90297
Hard 3/16" x 3/4"



Bristle Cup
90298
Hard 1/4" x 9/16"



Bristle Cup
90299
Soft 1/4" x 9/16"



Bristle Cup
90300
Hard 7/16" x 1"



Wire Cup
90301
Brass 3/16" x 9/16"



Bristle End
90302
Hard 1/4" x 3/16"



Bristle End - Plastic Ferrule
90303
Hard 1/4" x 3/16"



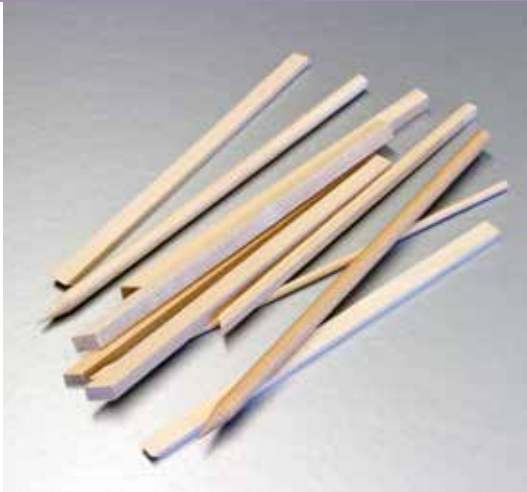
Bristle End
90304
Hard 3/8" x 1/4"



Bristle End
90403
Soft 1/4" x 3/16"



Wire End
90305
Brass 1/4" x 3/16"



Wood Sticks & Diamond Foil

Our wood sticks are made of select balsa (very soft) and white birch (soft). Very soft sticks are used for final finishing with diamond or other compounds. The soft sticks are used for intermediate to final finishing with diamond or other compounds.

Our diamond foil is of the highest quality and offers aggressive cutting action in a wide range of grit sizes. The foil is applied to a flexible, adhesive backing and can be cut to size.

Wood Sticks



Wide selection of wood sticks for lapping and finishing by hand or with reciprocating and rotary tools. Softer wood creates a higher surface finish while the harder sticks cut fast and hold shape longer.

Wood Stick Kit, 90410

Kit includes 2 pieces each of:

- 1/4 x 1/4 x 6" Very Soft
- 1/8 x 6" Round Soft
- 1/4 x 6" Round Soft
- 3/16 x 3/16 x 6" Bevel Soft
- 1/8 x 1/4 x 6" Bevel Soft
- 1/4 x 1/4 x 6" Bevel Soft

1/4 x 1/4 x 6

Very Soft
5 pcs per pack
90306

1/8 x 6 Round

Soft
25 pcs per pack
90307

1/4 x 6 Round

Soft
25 pcs per pack
90308

3/16 x 3/16 Bevel

Soft
5 pcs per pack
90309

1/8 x 1/4 Bevel

Soft
5 pcs per pack
90310

1/4 x 1/4 Bevel

Soft
5 pcs per pack
90311

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

95000

150 GRIT

95010

200 GRIT

95020

400 GRIT

95030

600 GRIT

95040

800 GRIT

95050

1200 GRIT

95060

1800 GRIT

95070



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.



Also available in
money saving kits.
SEE PAGE 56

Small Wheels

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.



Also available in
money saving kits.
SEE PAGE 56

Large Wheels

Size (inches) Diameter x Thickness	Arbor Hole (inches)	Cratex® #	Item			
			Coarse	Medium	Fine	Extra Fine
2 x 1/8	1/4	#202	203107	203108	203109	203110
2 x 3/16	1/4	#203	203111	203112	203113	203114
2 x 1/4	1/4	#204	203115	203116	203117	203118
2 x 3/8	1/4	#206	203119	203120	203121	203122
2 x 1/2	1/4	#208	203123	203124	203125	203126
3 x 1/8	1/4	#302	203139	203140	203141	203142
3 x 1/4	1/4	#304	203143	203144	203145	203146
3 x 1/2	1/4	#308	203151	203152	203153	203154
4 x 1/4	1/2	#404	203167	203168	203169	203170
4 x 1/2	1/2	#408	203175	203176	203177	203178
4 x 1	1/2	#416	203183	—	—	—
6 x 1/4	1/2	#604	203207	203208	203209	203210
6 x 1/2	1/2	#608	203216	203217	203218	203219



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.



Also available in
money saving kits.
SEE PAGE 56

Sticks

Round Sticks

Size (inches) Width x Length	Cratex® #	Item			
		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

Size (inches) Width x Length	Cratex® #	Item			
		Coarse	Medium	Fine	Extra Fine
1/2 x 1/2 x 6	#6404	203296	203297	203298	—



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.



Also available in
money saving kits.
SEE PAGE 56

Shapes

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
POINT	7/8 x 1 1/4	1/4	#1357	203360	203361	203362	203363
POINT	1 x 1 1/2	1/4	#1358	203364	203365	203366	203367
TAPER	5/8 to 1/4 x 1	1/4	#1340	203340	203341	203342	203343
TAPER	7/8 to 1/4 x 1 1/4	1/4	#1345	203344	203345	203346	203347
TAPER	1 to 1/4 x 1 1/4	1/4	#1349	203348	203349	203350	203351
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.

Also available in
money saving kits.
SEE PAGE 56

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® Polishing Kit #232

22 Assorted Pieces & 2 Mandrels

203379

This kit contains a comprehensive assortment of Cratex® items especially selected for automotive, aerospace, marine and general industrial applications - 22 of the most popular Cratex Polishing Wheels, Cones and Blocks in all four grit textures; Coarse (C), Medium (M), Fine (F), & Extra Fine (XF), plus two mandrels.



Contents of Kit 203379

- 8 Tapered Cones No. 1340 - 1" length, tapered 5/8" to 1/4"
- 4 Pointed Cones No. 1357 - 1-1/4" length x 7/8" dia.
- 4 Pointed Cones No. 1358 - 1-3/4" length x 1" dia.
- 3 Oblong Blocks No. 6803 - 6" x 1" x 3/8"
- 3 Straight Wheels No. 204 - 2" dia. x 1/4" thick x 1/4" hole
- 1 Cone Mandrel No. 1341 - 1/4" Shank
- 1 Wheel Mandrel No. 1342 - 1/4" Shank



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



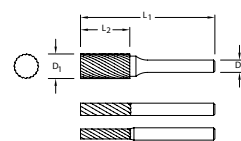
Carbide Burs

Our Premium Carbide Burs are made in the USA from the highest quality materials ensuring reliability and tool-to-tool consistency. They are manufactured using precise CNC grinding and automated, temperature-controlled brazing to withstand the demands of their application. Other shapes and sizes are available upon request. Recommended for use with our High Speed Die Grinders on page 33.



SA – Cylinder Shape

Double Cut

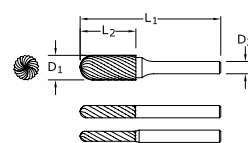


TOOL	CUTTER DIAMETER D1	LENGTH OF CUT L2	SHANK DIAMETER D2	OVERALL LENGTH L1	DOUBLE CUT 6 Item
SA-41	1/16	1/4	1/8	1-1/2	300061
SA-42	3/32	7/16	1/8	1-1/2	300062
SA-43	1/8	9/16	1/8	1-1/2	300063
SA-53	3/16	1/2	1/8	1-1/2	300082
SA-51	1/4	1/2	1/8	2	300089
SA-1	1/4	5/8	1/4	2	300091
SA-3	3/8	3/4	1/4	2-1/2	300092

Double Cut



Single Cut

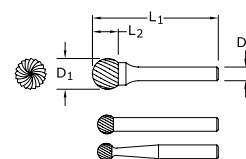
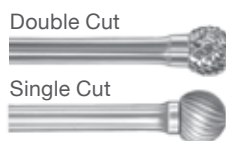


SC – Cylinder Shape

TOOL	CUTTER DIAMETER D1	LENGTH OF CUT L2	SHANK DIAMETER D2	OVERALL LENGTH L1	DOUBLE CUT 6 Item	SINGLE CUT 3 Item
SC-41	3/32	7/16	1/8	1-1/2	300064	–
SC-42	1/8	9/16	1/8	1-1/2	300065	300056
SC-53	3/16	1/2	1/8	1-1/2	300086	–
SC-51	1/4	1/2	1/8	2	300085	–
SC-1	1/4	5/8	1/4	2	300093	–
SC-3	3/8	3/4	1/4	2-1/2	300094	–

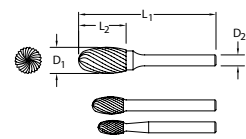
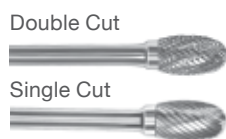


SD – Ball Shape



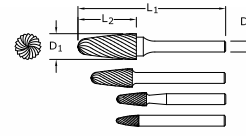
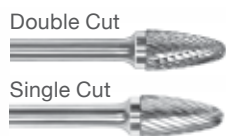
TOOL	CUTTER DIAMETER D1	LENGTH OF CUT L2	SHANK DIAMETER D2	OVERALL LENGTH L1	DOUBLE CUT 6 Item	SINGLE CUT 3 Item
SD-41	3/32	3/32	1/8	1-1/2	300066	–
SD-42	1/8	1/8	1/8	1-1/2	300067	–
SD-53	3/16	5/32	1/8	1-1/2	–	300057
SD-51	1/4	7/32	1/8	1-3/4	300087	–
SD-1	1/4	7/32	1/4	2	300095	–
SD-3	3/8	5/16	1/4	2-1/16	300096	–

SE – Oval Shape



TOOL	CUTTER DIAMETER D1	LENGTH OF CUT L2	SHANK DIAMETER D2	OVERALL LENGTH L1	DOUBLE CUT 6 Item	SINGLE CUT 3 Item
SE-41	1/8	7/32	1/8	1-1/2	300068	–
SE-53	3/16	9/32	1/8	1-1/2	–	300059
SE-51	1/4	3/8	1/8	1-8/9	300090	–

SF – Tree Shape

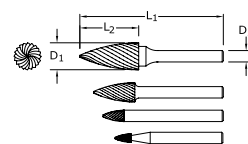


TOOL	CUTTER DIAMETER D1	LENGTH OF CUT L2	SHANK DIAMETER D2	OVERALL LENGTH L1	DOUBLE CUT 6 Item	SINGLE CUT 3 Item
SF-41	1/8	1/4	1/8	1-1/2	300069	–
SF-42	1/8	1/2	1/8	1-1/2	300070	–
SF-51	1/4	1/2	1/8	2	300083	300060
SF-3	3/8	3/4	1/4	2-1/2	300097	–



SG – Tree Shaped Pointed End

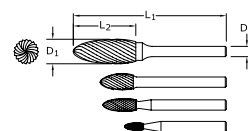
Double Cut



TOOL	CUTTER DIAMETER D1	LENGTH OF CUT L2	SHANK DIAMETER D2	OVERALL LENGTH L1	DOUBLE CUT 6 Item
SG-41	1/8	1/4	1/8	1-1/2	300071
SG-44	1/8	1/2	1/8	1-1/2	300072
SG-51	1/4	1/2	1/8	2	300088

SH – Flame Shape

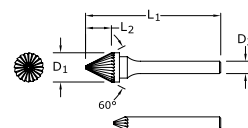
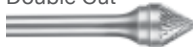
Double Cut



TOOL	CUTTER DIAMETER D1	LENGTH OF CUT L2	SHANK DIAMETER D2	OVERALL LENGTH L1	DOUBLE CUT 6 Item
SH-41	1/8	1/4	1/8	1-1/2	300073

SJ – Cone Shape

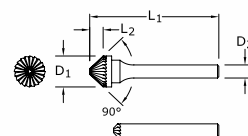
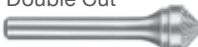
Double Cut



TOOL	CUTTER DIAMETER D1	LENGTH OF CUT L2	SHANK DIAMETER D2	OVERALL LENGTH L1	DOUBLE CUT 6 Item
SJ-42	1/8	3/32	1/8	1-1/2	300074

SK – Cone Shape

Double Cut

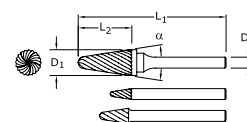


TOOL	CUTTER DIAMETER D1	LENGTH OF CUT L2	SHANK DIAMETER D2	OVERALL LENGTH L1	DOUBLE CUT 6 Item
SK-42	1/8	1/16	1/8	1-1/2	300075



SL – Radius End Taper Shape

Double Cut

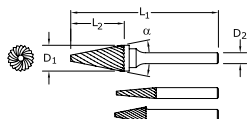


TOOL	CUTTER DIAMETER D1	LENGTH OF CUT L2	SHANK DIAMETER D2	OVERALL LENGTH L1	INCLUDED ANGLE A	DOUBLE CUT 6 Item
SL-41	1/8	3/8	1/8	1-1/2	8°	300076
SL-42	1/8	1/2	1/8	1-1/2	8°	300077

Double Cut



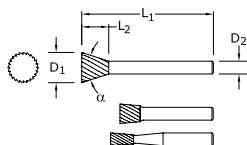
Single Cut



SM – Cone Shape

TOOL	CUTTER DIAMETER D1	LENGTH OF CUT L2	SHANK DIAMETER D2	OVERALL LENGTH L1	INCLUDED ANGLE A	DOUBLE CUT 6 Item	SINGLE CUT 3 Item
SM-41	1/8	11/32	1/8	1-1/2	12°	300078	–
SM-42	1/8	7/16	1/8	1-1/2	14°	300079	300058
SM-43	1/8	5/8	1/8	1-1/2	7°	300080	–

Double Cut



SN – Cone Shape Inverted

TOOL	CUTTER DIAMETER D1	LENGTH OF CUT L2	SHANK DIAMETER D2	OVERALL LENGTH L1	INCLUDED ANGLE A	DOUBLE CUT 6 Item
SN-42	1/8	3/16	1/8	1-1/2	10°	300081
SN-51	1/4	1/4	1/8	1-3/4	10°	300084



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



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

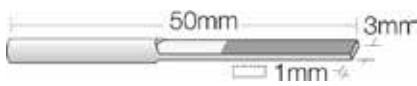
Kit includes 1 of each of the following:

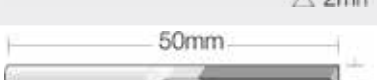
- 0.5 x 1 x 130mm, 320 grit
- 0.5 x 3 x 130mm, 140, 200 & 320 grit
- 0.5 x 5 x 130mm, 140, 200 & 320 grit
- 0.5 x 7 x 130mm, 140, 200 & 320 grit



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

	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



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 & 400 grit
- 0.5 x 4 x 60mm, 150, 200 & 400 grit
- 0.5 x 6 x 70mm, 150 & 200 grit
- 0.5 x 8 x 70mm, 150 & 200 grit
- 0.5 x 10 x 70mm, 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	D46
9609	D76
9610	D126



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	D15
9601	0.27	D15
9602	0.2	D30
9603	0.3	D30
9604	0.4	D54
9605	0.5	D54
9606	0.6	D91
9607	0.8	D91



Coated Abrasives

Broad offering of high quality coated abrasives for finishing work.



PSA Strips

PSA Strips offer outstanding stock removal. They are an excellent tool for polishing ribs and slots. Ideally used with our Tapered Blank Files.

20 strips per pack/grit.

Item	Grit / Size
90610	60 GRIT, 7 x 250mm
90620	60 GRIT, 10 x 250mm
90630	60 GRIT, 30 x 250mm
90611	80 GRIT, 7 x 250mm
90621	80 GRIT, 10 x 250mm
90631	80 GRIT, 30 x 250mm
90612	120 GRIT, 7 x 250mm
90622	120 GRIT, 10 x 250mm
90632	120 GRIT, 30 x 250mm

Item	Grit / Size
90613	240 GRIT, 7 x 250mm
90623	240 GRIT, 10 x 250mm
90633	240 GRIT, 30 x 250mm
90614	320 GRIT, 7 x 250mm
90624	320 GRIT, 10 x 250mm
90634	320 GRIT, 30 x 250mm
90615	400 GRIT, 7 x 250mm
90625	400 GRIT, 10 x 250mm
90635	400 GRIT, 30 x 250mm



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



Aluminum Oxide Paper

Ultimate choice for machine or hand sanding of paints, primers, light metals and basecoat/clearcoat paints. Provides consistent finish without a deep scratch.

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



Silicon Carbide Paper

Extremely flexible; exceptional finishes in wet applications.

Item	Grit	Pack / Qty
93000	220	50
93010	240	50
93020	280	50
93030	320	50
93040	360	50
93050	400	50
93060	500	50
93070	600	50



PSA Discs

Quality bonded paper with strong adhesive. Long lasting, fast cutting, durable discs.

100 pcs per package.

PSA Disc Starter Kit

028913

Contains 100 pcs of each grit in each size (3/4" – 1-1/4") and 1 of each disc holder.

Item	Grit	Size
92000	60	3/4 (20mm)
92010	60	1-1/4 (33mm)
92020	80	3/4 (20mm)
92030	80	1-1/4 (33mm)
92040	120	3/4 (20mm)
92050	120	1-1/4 (33mm)
92060	150	3/4 (20mm)
92070	150	1-1/4 (33mm)
92080	240	3/4 (20mm)
92090	240	1-1/4 (33mm)
92100	320	3/4 (20mm)
92110	320	1-1/4 (33mm)
92120	400	3/4 (20mm)
92130	400	1-1/4 (33mm)



PSA Disc Holder

Flexible rubber pads mounted on shanks to hold PSA bonded paper adhesive discs. Actual pad diameters are slightly smaller than specified to ensure easy removal of discs and to prevent holder from making contact with the work surface.

Item	Size
92140	3/4 (20mm)
92150	1-1/4 (33mm)



Cartridge Rolls

Cartridge Rolls offer aggressive cutting action with layers that cut through continually exposing fresh aluminum oxide grain. They are perfectly suited for use on ferrous and non-ferrous materials, stainless steels, exotic metals and plastics. Rolls are measured as Diameter x Length x Center Hole.

100 pcs per pack.

Item	Grit	Size
93400	60	1/4 x 1 x 1/8
93401	80	1/4 x 1 x 1/8
93402	120	1/4 x 1 x 1/8
93403	180	1/4 x 1 x 1/8
93405	60	1/4 x 1 1/2 x 1/8
93406	80	1/4 x 1 1/2 x 1/8
93407	120	1/4 x 1 1/2 x 1/8
93408	180	1/4 x 1 1/2 x 1/8
93410	60	3/8 x 1 1/2 x 1/8
93411	80	3/8 x 1 1/2 x 1/8
93412	120	3/8 x 1 1/2 x 1/8
93413	180	3/8 x 1 1/2 x 1/8
93415	60	1/2 x 1 1/2 x 1/8
93416	80	1/2 x 1 1/2 x 1/8
93417	120	1/2 x 1 1/2 x 1/8
93418	180	1/2 x 1 1/2 x 1/8



Cartridge Roll Mandrel

Pilot Diameter x Pilot Length x Shank Diameter.

1" Rolls use 3/4" Pilot Length.

1-1/2" Rolls use 1" Pilot Length.

1 pc per pack.

Item	Size
93420	1/8 x 3/4 x 1/8
93421	1/8 x 1 x 1/8



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.



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 1/4" 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.

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

FINE GRITS 93131

- 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
- 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

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



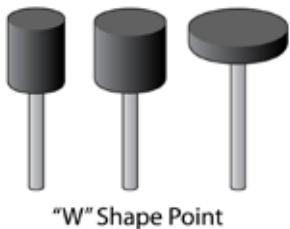
MX Mounted Points

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)

All with 1/8" mandrel. 10 pieces per package.
Other shapes, sizes and grits available upon request.



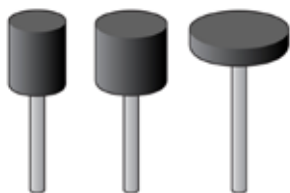
MX Mounted Points Sizes - (inches) Shape / Diameter / Thickness		80 GRIT	120 GRIT	180 GRIT
W154 3/16 x 1/2	Hard	202532	202535	202538
	Medium	202531	202534	202537
	Soft	202530	202533	202536
W163 1/4 x 1/2	Hard	202544	202547	202550
	Medium	202540	202546	202549
	Soft	202539	202545	202548
W176 3/8 x 1/2	Hard	202553	202556	202559
	Medium	202552	202555	202558
	Soft	202551	202554	202557
W185 1/2 x 1/2	Hard	202664	202667	202670
	Medium	202663	202666	202669
	Soft	202662	202665	202668



Megabrite Mounted Points

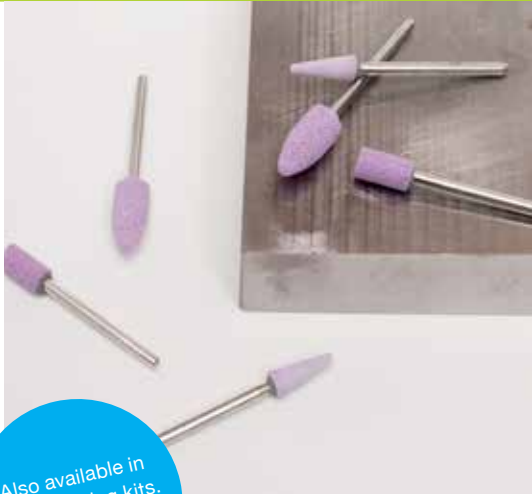
Megabrite Mounted Points are the optimal mounted points for light deburring, cleaning, finishing and polishing of precision machine and cast parts. They conform to the shape of a part, leave a smooth finish, maintain part geometry and are easy to dress to fit profiles and hard to reach areas. For use on stainless steel, aluminum and exotic metals.

All with 1/8" mandrel. 10 pieces per package.
Other shapes, sizes and grits available upon request.
Aluminum Oxide specification: Medium
Silicon Carbide specification: Fine-Soft



"W" Shape Point

Megabrite Mounted Points Sizes - (inches) Shape / Diameter / Thickness		Medium	Fine Soft
W154	3/16 x 1/2	202671	202672
W163	1/4 x 1/2	202673	202674
W176	3/8 x 1/2	202675	202676
W185	1/2 x 1/2	202677	202678



Also available in money saving kits.
SEE PAGE 85



Premium Purple Mounted Points

Premium Purple Mounted Points 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 and cooler running lessening the possibility of thermal damage during polishing. Other shapes and sizes available upon request.

All with 1/8" mandrel. 25 pieces per package.



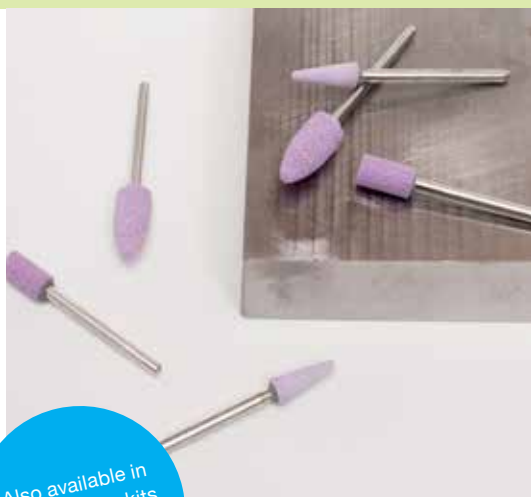
B Shape Standard Purple Mounted Points Shape / Diameter / Thickness		80 GRIT	100 GRIT	120 GRIT
B43	1/4 x 5/16	241110	–	–
B44	7/32 x 3/8	–	241134	–
B45	3/16 x 5/16	–	241138	–
B51	7/16 x 3/4	241114	–	–
B52	3/8 x 3/4	241118	–	–
B53	1/4 x 5/8	–	–	241154
B55	1/8 x 1/4	–	–	241158
B73	1/2 x 1/8	241122	–	–
B97	1/8 x 3/8	–	–	241162
B103	5/8 x 3/16	–	241142	–
B123	3/16 x 3/16	–	241146	–
B124	1/8 x 1/8	–	–	241166
B125	1/4 x 1/4	–	241150	–
B132	3/8 x 1/2	241126	–	–
B135	1/4 x 1/2	241130	–	–

Truing Stones

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

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.



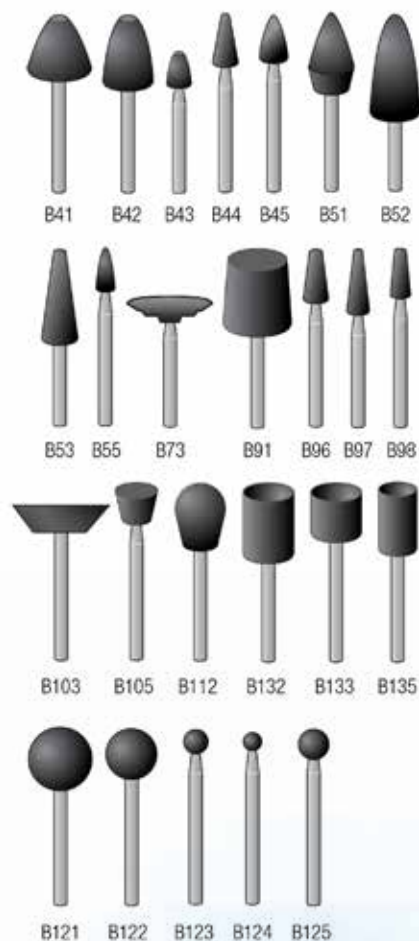


Also available in
money saving kits.
SEE PAGE 85

Premium Purple Mounted Points

Premium Purple Mounted Points 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 and cooler running lessening the possibility of thermal damage during polishing. Other shapes and sizes available upon request.

All with 3mm mandrel. 25 pieces per package.



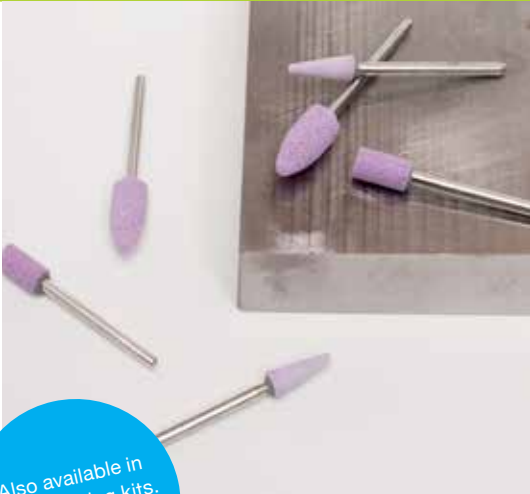
B Shape Metric Purple Mounted Points		80 GRIT	100 GRIT	120 GRIT
Shape / Diameter / Thickness				
B43	1/4 x 5/16	241112	—	—
B44	7/32 x 3/8	—	241136	—
B45	3/16 x 5/16	—	241140	—
B51	7/16 x 3/4	241116	—	—
B52	3/8 x 3/4	241120	—	—
B53	1/4 x 5/8	—	—	241156
B55	1/8 x 1/4	—	—	241160
B73	1/2 x 1/8	241124	—	—
B97	1/8 x 3/8	—	—	241164
B103	5/8 x 3/16	—	241144	—
B123	3/16 x 3/16	—	241148	—
B124	1/8 x 1/8	—	—	241168
B125	1/4 x 1/4	—	241152	—
B132	3/8 x 1/2	241128	—	—
B135	1/4 x 1/2	241132	—	—

Truing Stones

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

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.





Also available in money saving kits.
SEE PAGE 85



"W" Shape Points

Premium Purple Mounted Points

Premium Purple Mounted Points 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 and cooler running lessening the possibility of thermal damage during polishing. Other shapes and sizes available upon request.

All with 1/8" mandrel. 25 pieces per package.



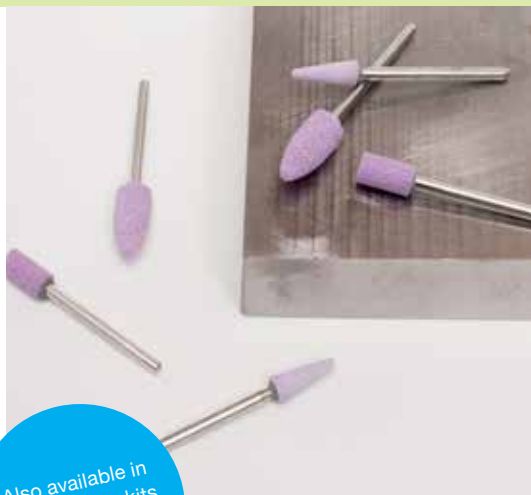
W Shape Standard Purple Mounted Points Shape / Diameter / Thickness		80 GRIT	100 GRIT	120 GRIT
W142	3/32 x 1/4	—	—	241216
W144	1/8 x 1/4	—	—	241220
W145	1/8 x 3/8	—	—	241224
W146	1/8 x 1/2	—	—	241228
W152	3/16 x 1/4	241170	—	—
W153	3/16 x 3/8	241174	—	—
W154	3/16 x 1/2	241178	—	—
W160	1/4 x 1/4	241182	—	—
W162	1/4 x 3/8	241188	—	—
W163	1/4 x 1/2	241192	—	—
W164	1/4 x 3/4	—	241208	—
W175	3/8 x 3/8	241196	—	—
W176	3/8 x 1/2	241200	—	—
W182	1/2 x 1/8	—	241212	—
W185	1/2 x 1/2	241204	—	—

Truing Stones

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

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.





Also available in
money saving kits.
SEE PAGE 85



"W" Shape Points

Premium Purple Mounted Points

Premium Purple Mounted Points 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 and cooler running lessening the possibility of thermal damage during polishing. Other shapes and sizes available upon request.

All with 3mm mandrel. 25 pieces per package.



W Shape Metric Purple Mounted Points		80 GRIT	100 GRIT	120 GRIT
Shape / Diameter / Thickness				
W142	3/32 x 1/4	—	—	241218
W144	1/8 x 1/4	—	—	241222
W145	1/8 x 3/8	—	—	241226
W146	1/8 x 1/2	—	—	241230
W152	3/16 x 1/4	241172	—	—
W153	3/16 x 3/8	241176	—	—
W154	3/16 x 1/2	241180	—	—
W160	1/4 x 1/4	241184	—	—
W162	1/4 x 3/8	241190	—	—
W163	1/4 x 1/2	241194	—	—
W164	1/4 x 3/4	—	241210	—
W175	3/8 x 3/8	241198	—	—
W176	3/8 x 1/2	241202	—	—
W182	1/2 x 1/8	—	241214	—
W185	1/2 x 1/2	241206	—	—

Truing Stones

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

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.





Mounted Points

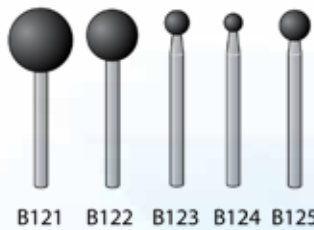
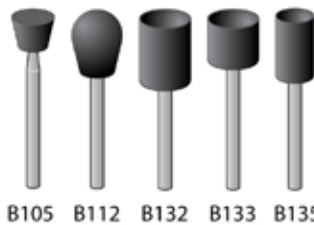
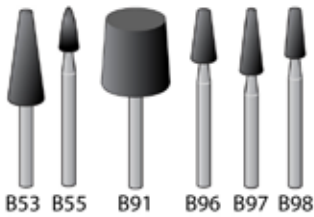
Our standard lines of mounted abrasive points are designed specifically for mold and die work. They are manufactured from premium aluminum oxide and special bonding materials to assure rapid stock removal and long life. Carefully formed and securely mounted on the mandrels to run true.

Red: 60-80 grit Blue: 120 grit

All with 1/8" mandrel. 25 pcs per package.



Also available in money saving kits.
SEE PAGE 85



"B" Shape Sizes (inches) Shape / Diameter / Thickness		RED	BLUE
B42	1/2 x 3/4	204281	204283
B44	7/32 x 3/8	204481	204483
B45	3/16 x 5/16	—	204583
B51	7/16 x 3/4	—	205183
B52	3/8 x 3/4	205281	205283
B53	1/4 x 5/8	205381	205383
B55	1/8 x 1/4	205581	205583
B91	1/2 x 5/8	209181	—
B96	1/8 x 1/4	209681	209683
B97	1/8 x 3/8	209781	209783
B98	3/32 x 1/4	—	209883
B105	1/4 x 1/4	—	210583
B112	3/8 x 1/2	—	211283
B121	1/2 x 1/2	—	212183
B122	3/8 x 3/8	—	212283
B123	3/16 x 3/16	212381	212383
B124	1/8 x 1/8	212481	212483
B125	1/4 x 1/4	212581	212583
B132	3/8 x 1/2	213281	—
B133	3/8 x 3/8	—	213383
B135	1/4 x 1/2	213581	213583

Truing Stones

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

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.





Mounted Points

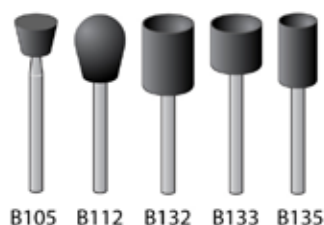
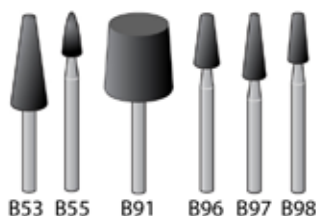
Our standard lines of mounted abrasive points are designed specifically for mold and die work. They are manufactured from premium aluminum oxide and special bonding materials to assure rapid stock removal and long life. Carefully formed and securely mounted on the mandrels to run true.

Red: 60-80 grit Blue: 120 grit

All with 3mm mandrel. 25 pieces per package.



Also available in
money saving kits.
SEE PAGE 85



Metric "B" Shape Sizes (inches) Shape / Diameter / Thickness		RED	BLUE
B41	5/8 x 5/8	—	204133
B44	7/32 x 3/8	204431	204433
B45	3/16 x 5/16	204531	204533
B52	3/8 x 3/4	205231	205233
B53	1/4 x 5/8	205331	205333
B55	1/8 x 1/4	205531	205533
B91	1/2 x 5/8	—	209184
B96	1/8 x 1/4	209631	209633
B97	1/8 x 3/8	209731	209733
B98	3/32 x 1/4	209831	209833
B123	3/16 x 3/16	212331	212333
B124	1/8 x 1/8	212431	212433
B132	3/8 x 1/2	213231	213233
B133	3/8 x 3/8	213331	213333
B135	1/4 x 1/2	213531	213533

Truing Stones

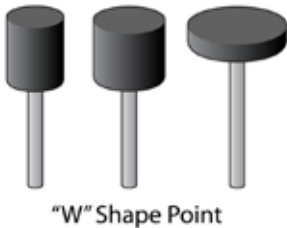
298905 (V-Grooves) / 298906 (Rounded Grooves)

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.





Also available in
money saving kits.
SEE PAGE 85



"W" Shape Point

Mounted 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

All with 1/8" mandrel except for W220 (1/4"). 25 pieces per package.



"W" Shape Sizes (inches)		RED	BLUE
Shape / Diameter / Thickness			
W142	3/32 x 1/4	214281	214283
W144	1/8 x 1/4	214481	214483
W145	1/8 x 3/8	214581	214583
W146	1/8 x 1/2	214681	214683
W153	3/16 x 3/8	215381	215383
W154	3/16 x 1/2	215481	215483
W160	1/4 x 1/4	—	216083
W161	1/4 x 5/16	—	216183
W162	1/4 x 3/8	216281	216283
W163	1/4 x 1/2	216381	216383
W170	5/16 x 1/2	217081	217083
W176	3/8 x 1/2	217681	217683
W185	1/2 x 1/2	—	218583
W200	3/4 x 1/8	220081	220083
W220	1 x 1	222041	—

Truing Stones

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

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.





Also available in
money saving kits.
SEE PAGE 85



"W" Shape Point

Mounted 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

All with 3mm mandrel. 25 pieces per package.



Metric "W" Shape Sizes (inches) Shape / Diameter / Thickness		RED	BLUE
W142	3/32 x 1/4	214231	214233
W144	1/8 x 1/4	214431	214433
W145	1/8 x 3/8	214531	214533
W146	1/8 x 1/2	214631	214633
W149	5/32 x 1/4	214931	214933
W153	3/16 x 3/8	215331	215333
W154	3/16 x 1/2	215431	215433
W160	1/4 x 1/4	216031	216033
W162	1/4 x 3/8	216231	216233
W163	1/4 x 1/2	216331	216333
W171	5/16 x 3/4	—	217133
W176	3/8 x 1/2	217631	217633

Truing Stones

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

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.



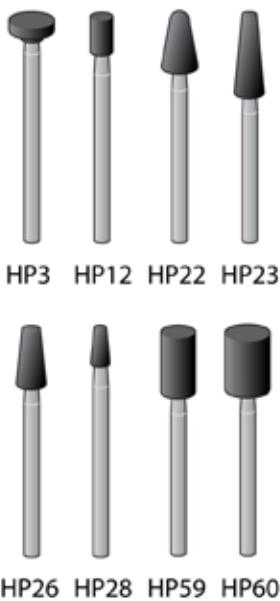


Mounted Points

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.



Polishing Points Sizes (inches) Shape / Diameter / Thickness		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	—	—

Truing Stones

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

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.



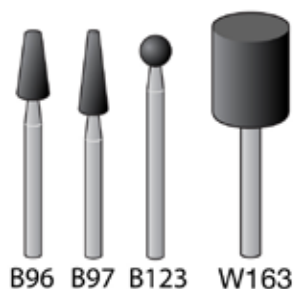


Mounted Points

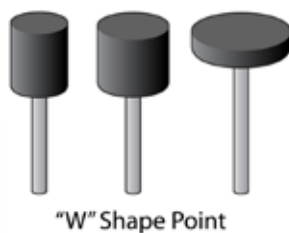
Our standard lines of mounted abrasive points are designed specifically for mold and die work. They are manufactured from premium aluminum oxide and special bonding materials to assure rapid stock removal and long life. Carefully formed and securely mounted on the mandrels to run true.

Red: 60-80 grit Blue: 120 grit

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



Ceramic Points Sizes (inches)		Item
Shape / Diameter / Thickness		
B96	1/8 x 1/4	209680
B97	1/8 x 3/8	209780
B123	3/16 x 3/16	212380
W163	1/4 x 1/2	216380



Cotton Fiber Sizes (inches)				
Shape / Diameter / Thickness		80	120	180
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

Truing Stones

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

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.



Mounted Point Kits



Mounted Point Kits

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

299907 – 48 pcs, 3mm Mandrel

Kit includes 3 red (medium, 60-80 grit) and 3 blue (hard, 120 grit) of the following:

- B44, B52, B123, W144, W146, W153, W162, W176

299901 – 48 pcs, 1/8" Mandrel

Kit includes 3 red (medium, 60-80 grit) and 3 blue (hard, 120 grit) of the following:

- B44, B52, B123, W144, W153, W162, W176, W200

299902 – 100 pcs, Blue, 1/8" Mandrel

Kit includes 10 blue (hard, 120 grit) of the following:

- B44, B52, B96, B123, W144, W153, W162, W170, W176, W200



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.

299911 – 48 pcs, 1/8" Mandrel

Kit includes 6 of each of the following:

- 80 GRIT: B52, W152, W162, W176
- 100 GRIT: B44, B123
- 120 GRIT: W144, W146

299912 – 48 pcs, 3mm Mandrel

Kit includes 6 of each of the following:

- 80 GRIT: B52, W152, W162, W176
- 100 GRIT: B44, B123
- 120 GRIT: W144, W146

299913 – 100 pcs, 1/8" Mandrel

Kit includes 10 of each of the following:

- 80 GRIT: B52, B135, W152, W163, W176, W185
- 100 GRIT: B44, B123
- 120 GRIT: B53, W146

299914 – 48 pcs, Assorted Kit, 1/8" Mandrel

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



BORI-LUBE 10 Polishing Lubricant

L10G



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



Premium Stoning Oil

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.



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.



Simichrome Polish

332002 – 50 GM TUBE

332003 – 250 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.



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.

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)



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.



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.



Metal Rust Guard

Rust and Corrosion Inhibitor

Non-toxic protective wrap developed to prevent rust and corrosion on any type of metal. Contains no VOC's or harsh chemicals in its manufacturing. Perfect for protecting, shipping or storing any metal product or piece.

Item	Dimensions
93600	4.5" X 150' ROLL
93601	6" X 150' ROLL
93602	9" X 150' ROLL
93603	12" X 150' ROLL
93604	18" X 150' ROLL
93605	36" X 150' ROLL



Dressing Sticks

BORIDE Engineered Abrasives produces a wide array of dressing sticks for PCD, CBN, resin, and metal bond diamond wheels. We use only premium aluminum oxide or silicon carbide materials to produce consistent quality products. Inquire about product lead times.

Dressing Sticks (Aluminum Oxide)	150 SOFT	150 MED	220 SOFT	220 MED
1/2 X 1/2 X 4 25 PCS/PACK	040646MS	040645MS	040841MS	040879MS
3/4 X 3/4 X 4 25 PCS/PACK	040663MS	040664MS	040859MS	040861MS
1 X 1 X 8 10 PCS/PACK	040690MS	040691MS	040886MS	040882MS

Boron Carbide Dressing Stick	
3/16 X 1/2 X 3 1PC/PACK	079021



Outstanding Product Quality · Extraordinary Customer Service · Competitive Pricing

