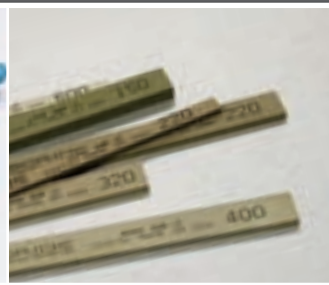


EDM Polishing Stones • General Purpose Stones • Detail Stones • Industrial Abrasives



Our Commitment to Our Customers is Set in Stone.

About Us

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

Our entire organization serves our worldwide customers and distributors with:

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

Precise process management, fact-based problem solving and extensive material science are important parts of our foundation. Our quality management system is based on ISO9001:2000. 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 will 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 Stones - 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
	GOLD		•				•		•	•						3		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
	A0		•				•		•	•						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																

Some of our most popular STONE SHAPES

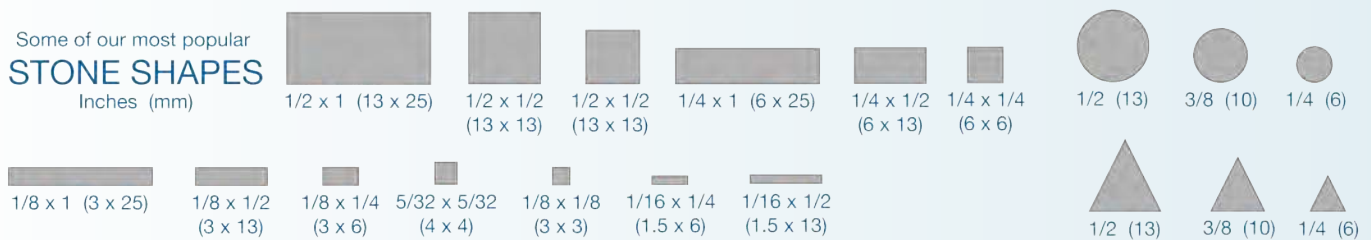


Table of Contents

EDM Polishing Stones	AM-8 Excellent ultrasonic stone, strong; holds shape
	AS-9 Great with profiler and hand stoning
	Orange EDM Fast cutting action with consistent breakdown
	GOLD Perfect all-around aluminum oxide stone
General Purpose Stones (Aluminum Oxide)	AM-2 General purpose stone; soft; fast breakdown
	Die Stone Slightly harder than AM-2
	AM-K White aluminum oxide stone good for machined surfaces
	AS-H White aluminum oxide stone softer than AM-K
General Purpose Stones (Silicon Carbide)	CS Fast-cutting black silicon carbide
	CS-M Premium green silicon carbide, fast cutting, medium hardness
	CS-HD Harder stone than CS-M, excellent for hardened steel, 47-63Rc
Specialty Stones	RASP Our most versatile all around finishing stone
	PC Premium polishing stone for final finish work
	T2 Excellent stone for stainless steel
	T4 Engineered for finishing aluminum and soft metals
	AO Aggressive stone for general mill removal and EDM
	TH Performs well on all types of tool steels
	900-F Very soft stone for super-fine finishing
	Ruby Extremely fast cutting stone
Roughing Stones	Roughout Softer stone, aggressive cutting, 80 - 220 grits
	Used for deburring, sharpening, and honing
Sharpening Stones	
Polishing Stone Kits and Holders	Polishing Stone Kits Mold stone formulations in a convenient sample kit
	Polishing Stone Holders Specially designed for hand use and in profilers
Polishing Equipment	Air Profilers The perfect tools for polishing fine detail areas and ribs and slots
	Turbo-Laps
	U-Laps
	3-in-1 filter, regulator, lubricator
	Air Grinders Excellent tools for many applications including polishing and precision grinding
	NSK Products Ultra-precision electrically/pneumatically driven polishing tools

Mold Polishing Stone Usage Key:



Hand



Profiler



Wet



Dry



Ultrasonic

Table of Contents

Detail Stones and Holders	Cristone® Crystal Fiber Stone Tremendous bending strength and outstanding polishing efficiency
	Ceramic Stones/Super Stones Very strong, used for EDM removal in ribs and slots
	Ceramic Diamond Stones Combination of ceramic fibers and evenly distributed diamond particles
	CNB-80 & CNB-120 Extremely aggressive advanced composite fiber – Made in USA
	Detail Stone Holders Specially designed for hand use and in profilers
Diamond Compound	Mold Makers Diamond Compound Used for precision finishing of all types of molds and dies
	DIAMAX Diamond Compound Offers a precise blend of man-made and natural diamond
Felt Bobs and Felt Sticks	Made of the finest 100% wool for a high surface finish on all dies and molds
Miniature Brushes	Mandrel mounted wire and natural hair brushes
Wood Sticks	For lapping and finishing by hand
Diamond Foil	Highest Quality Diamond Fast-cutting and flexible with adhesive backing
Diamond Files Manufactured from the highest quality diamond	Hand Taper Diamond Files
	Needle Taper Diamond files
	Machine Files
	Diamond Tip Lapper Files
Coated Abrasives Broad offering of high quality coated abrasives for finishing work	Zip Strips & Tapered Blank Files
	Red Aluminum Oxide Paper
	Red Silicon Carbide Paper
	PSA Discs and Holders
Mounted Points Vitrified aluminum oxide points designed specifically for mold and die work	B Shapes
	W Shapes
	Polishing Points
	Ceramic Mounted Points
	Cotton Fiber Mounted Points
Accessories	BORI-LUBE 10 To clean, lubricate and prevent stone loading – environmentally safe
	Mold Polish Safely removes haze, plate-out, rust, oxidation and stains
	Rib Light and Rib Light Reach High intensity LED lights to illuminate hard to see areas, ribs and slots
	Boron Carbide Dressing Stick B4C Dressing sticks are extremely wear resistant
	Dressing Sticks Aluminum oxide sticks used to clean and dress wheels

EDM Polishing Stones (Aluminum Oxide)



AM-8

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.



AM-8		100	120	150	180	220	280	320	400	600
1/16	1/16 x 1/4 x 6 12 pcs/box	020010	020120	020230	020340	020450	020560	020670	020780	021000
	1/16 x 1/2 x 6 12 pcs/box	020020	020130	020240	020350	020460	020570	020680	020790	021010
1/8	1/8 x 1/8 x 6 12 pcs/box	020030	020140	020250	020360	020470	020580	020690	020800	021020
	1/8 x 1/4 x 6 12 pcs/box	020040	020150	020260	020370	020480	020590	020700	020810	021030
	1/8 x 1/2 x 6 12 pcs/box	020050	020160	020270	020380	020490	020600	020710	020820	021040
	1/8 x 1 x 6 12 pcs/box	020060	020170	020280	020390	020500	020610	020720	020830	021050
5/32	5/32 x 5/32 x 6 12 pcs/box	020070	020180	020290	020400	020510	020620	020730	020840	021060

EDM Polishing Stones (Aluminum Oxide)



AM-8

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.



AM-8		100	120	150	180	220	280	320	400	600
1/4	1/4 x 1/4 x 6 12 pcs/box	020090	020200	020310	020420	020530	020640	020750	020860	021080
	1/4 x 1/2 x 6 12 pcs/box	020100	020210	020320	020430	020540	020650	020760	020870	021090
	1/4 x 1 x 6 12 pcs/box	020110	020220	020330	020440	020550	020660	020770	020880	021100
3/8	3/8 x 3/8 x 6 12 pcs/box	020112	020222	020332	020442	020552	020662	020772	020885	021102
Shapes	1/4 x Round x 5.5 12 pcs/box	020114	020227	020334	020447	020557	020667	020777	020887	021107
	3/8 x Round x 5.5 12 pcs/box	020116	020228	020336	020448	020558	020666	020778	020889	021108
	1/4 x Triangle x 6 12 pcs/box	020118	020224	020338	020444	020554	020668	020774	020900	021104
	3/8 x Triangle x 6 12 pcs/box	020119	020225	020339	020445	020555	020669	020775	020902	021105

EDM Polishing Stones (Aluminum Oxide)



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.



AS-9		100	120	150	180	220	280
1/16	1/16 x 1/4 x 6 12 pcs/box	021150	021260	021370	021480	021590	021700
	1/16 x 1/2 x 6 12 pcs/box	021160	021270	021380	021490	021600	021710
1/8	1/8 x 1/8 x 6 12 pcs/box	021170	021280	021390	021500	021610	021720
	1/8 x 1/4 x 6 12 pcs/box	021180	021290	021400	021510	021620	021730
	1/8 x 1/2 x 6 12 pcs/box	021190	021300	021410	021520	021630	021740
	1/8 x 1 x 6 12 pcs/box	021200	021310	021420	021530	021640	021750
5/32	5/32 x 5/32 x 6 12 pcs/box	021210	021320	021430	021540	021650	021760
1/4	1/4 x 1/4 x 6 12 pcs/box	021230	021340	021450	021560	021670	021780
	1/4 x 1/2 x 6 12 pcs/box	021240	021350	021460	021570	021680	021790
	1/4 x 1 x 6 12 pcs/box	021250	021360	021470	021580	021690	021800
1/2	1/2 x 1 x 6 12 pcs/box	021253	021363	021473	021583	021693	022245

EDM Polishing Stones (Aluminum Oxide)



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.



AS-9		320	400	600	800	1000	1200
1/16	1/16 x 1/4 x 6 12 pcs/box	021810	021920	022140	032005	032055	032105
	1/16 x 1/2 x 6 12 pcs/box	021820	021930	022150	032010	032060	032110
1/8	1/8 x 1/8 x 6 12 pcs/box	021830	021940	022160	032015	032065	032115
	1/8 x 1/4 x 6 12 pcs/box	021840	021950	022170	032020	032070	032120
	1/8 x 1/2 x 6 12 pcs/box	021850	021960	022180	032025	032075	032125
	1/8 x 1 x 6 12 pcs/box	021860	021970	022190	032030	032080	032130
5/32	5/32 x 5/32 x 6 12 pcs/box	021870	021980	022200	032035	032085	032135
1/4	1/4 x 1/4 x 6 12 pcs/box	021890	022000	022220	032040	032090	032140
	1/4 x 1/2 x 6 12 pcs/box	021900	022010	022230	032045	032095	032145
	1/4 x 1 x 6 12 pcs/box	021910	022020	022240	032050	032100	032150
1/2	1/2 x 1 x 6 12 pcs/box	021913	022023	022243	022250	022255	022260

EDM Polishing Stones (Aluminum Oxide)



Orange EDM

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



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
Shapes	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

EDM Polishing Stones (Aluminum Oxide)



GOLD

The GOLD is filled with a special lubricant and presoaking is not required. It has excellent breakdown characteristics and retains its shape well. This stone works well on EDM and machined surfaces on all tool steels.



GOLD		150	220	320	400	600	800
1/8	1/8 x 1/4 x 6 12 pcs/box	057240	057440	057540	057640	057740	057840
	1/8 x 1/2 x 6 12 pcs/box	057250	057450	057550	057650	057750	057850
5/32	5/32 x 5/32 x 6 12 pcs/box	057230	057430	057530	057630	057728	057830
1/4	1/4 x 1/4 x 6 12 pcs/box	057260	057460	057560	057660	057760	057860
	1/4 x 1/2 x 6 12 pcs/box	057270	057470	057570	057670	057770	057870
	1/4 x 1 x 6 12 pcs/box	057271	057472	057572	057671	057772	057872

General Purpose Stones (Aluminum Oxide)



AM-2

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, kirkite and high chrome/nickel stainless steel.



AM-2		100	150	180	220	280	320	400	600	900
1/16	1/16 x 1/4 x 6 12 pcs/box	023210	023340	023465	023600	023730	023860	023990	024250	024510
	1/16 x 1/2 x 6 12 pcs/box	023220	023350	023470	023610	023735	023870	024000	024260	024520
1/8	1/8 x 1/8 x 6 12 pcs/box	023230	023360	023490	023620	023740	023880	024010	024270	024530
	1/8 x 1/4 x 6 12 pcs/box	023240	023370	023500	023630	023760	023890	024020	024280	024540
	1/8 x 1/2 x 6 12 pcs/box	023250	023380	023510	023640	023770	023900	024030	024290	024550
	1/8 x 1 x 6 12 pcs/box	023260	023390	023520	023650	023780	023910	024040	024300	024560
5/32	5/32 x 5/32 x 6 12 pcs/box	023270	023400	023530	023660	023785	023920	024050	024310	024570

General Purpose Stones (Aluminum Oxide)



AM-2

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.



AM-2		100	150	180	220	280	320	400	600	900
1/4	1/4 x 1/4 x 6 12 pcs/box	023290	023420	023550	023680	023810	023940	024070	024330	024590
	1/4 x 1/2 x 6 12 pcs/box	023300	023430	023560	023690	023820	023950	024080	024340	024600
	1/4 x 1 x 6 12 pcs/box	023310	023440	023570	023700	023830	023960	024090	024350	024610
3/8	3/8 x 3/8 x 6 12 pcs/box	023315	023445	023575	023705	023835	023965	024095	024355	024615
1/2	1/2 x 1/2 x 6 12 pcs/box	023320	023450	023580	023710	023840	023970	024100	024360	024620
	1/2 x 1 x 6 12 pcs/box	023330	023460	023590	023720	023850	023980	024110	024370	024630
1	1 x 1 x 6 6 pcs/box	023331	023461	023591	023721	023851	023981	024111	024371	024635
Shapes	1/4 x Round x 5.5 12 pcs/box	023336	023466	023593	023726	023852	023986	024116	024376	024636
	3/8 x Round x 5.5 12 pcs/box	023337	023467	023594	023727	023853	023987	024117	024377	024645
	1/2 x Round x 5.5 12 pcs/box	023338	023468	023595	023728	023854	023988	024118	024378	024650
	1/4 x Triangle x 6 12 pcs/box	023333	023463	023596	023723	023855	023983	024113	024379	024655
	3/8 x Triangle x 6 12 pcs/box	023334	023464	023597	023724	023856	023984	024114	024375	024660

General Purpose Stones (Aluminum Oxide)



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 AM-2.



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

General Purpose Stones (Aluminum Oxide)



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 AM-2.



Die Stone		150	180	220	320	400	600
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
Shapes	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

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.



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
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

General Purpose Stones (Aluminum Oxide)



AS-H

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



AS-H		100	150	180	220	320	400	600
1/8	1/8 x 1/4 x 6 12 pcs/box	027310	027450	027590	027730	028010	028150	028430
	1/8 x 1/2 x 6 12 pcs/box	027320	027460	027600	027740	028020	028160	028440
1/4	1/4 x 1/4 x 6 12 pcs/box	027360	027500	027640	027780	028060	028200	028480
	1/4 x 1/2 x 6 12 pcs/box	027370	027510	027650	027790	028070	028210	028490

General Purpose Stones (Silicon Carbide)



CS

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.



CS		150	180	220	320	400	600
1/8	1/8 x 1/4 x 6 12 pcs/box	024850	024990	025130	025410	025550	025830
	1/8 x 1/2 x 6 12 pcs/box	024860	025000	025140	025420	025560	025840
1/4	1/4 x 1/4 x 6 12 pcs/box	024900	025040	025180	025460	025600	025880
	1/4 x 1/2 x 6 12 pcs/box	024910	025050	025190	025470	025610	025890
	1/4 x 1 x 6 12 pcs/box	024920	025060	025200	025480	025620	025900
1/2	1/2 x 1/2 x 6 12 pcs/box	024930	025070	025210	025490	025630	025910
	1/2 x 1 x 6 12 pcs/box	024940	025080	025220	025500	025640	025920

General Purpose Stones (Silicon Carbide)



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.



CS-M		120	150	220	320	400	600
1/16	1/16 x 1/2 x 6 12 pcs/box	035110	035205	035305	035505	035605	035805
1/8	1/8 x 1/4 x 6 12 pcs/box	035113	035213	035313	035513	035613	035813
	1/8 x 1/2 x 6 12 pcs/box	035117	035217	035317	035517	035617	035817
5/32	5/32 x 5/32 x 6 12 pcs/box	035120	035220	035320	035525	035625	035825
1/4	1/4 x 1/4 x 6 12 pcs/box	035129	035229	035329	035529	035629	035829
	1/4 x 1/2 x 6 12 pcs/box	035133	035233	035333	035533	035633	035833
	1/4 x 1 x 6 12 pcs/box	035137	035237	035337	035537	035637	035837
3/8	3/8 x 3/8 x 6 12 pcs/box	035140	035241	035341	035541	035641	035841
1/2	1/2 x 1/2 x 6 12 pcs/box	035145	035245	035345	035545	035645	035845
	1/2 x 1 x 6 12 pcs/box	035149	035249	035349	035549	035649	035849
1	1 x 1 x 6 6 pcs/box	035150	035253	035353	035553	035653	035853
Shapes	1/4 x Round x 5.5 12 pcs/box	035155	035255	035373	035573	035673	035873

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 CS-HD for removal of EDM.



CS-HD		120	150	220	320	400	600
1/16	1/16 x 1/2 x 6 12 pcs/box	036110	036205	036305	036505	036605	036805
1/8	1/8 x 1/4 x 6 12 pcs/box	036113	036213	036313	036513	036613	036813
	1/8 x 1/2 x 6 12 pcs/box	036117	036217	036317	036517	036617	036817
	1/8 x 1 x 6 12 pcs/box	036146	036221	036321	036521	036621	036821
5/32	5/32 x 5/32 x 6 12 pcs/box	036118	036225	036325	036525	036625	036825
1/4	1/4 x 1/4 x 6 12 pcs/box	036129	036229	036329	036529	036629	036829
	1/4 x 1/2 x 6 12 pcs/box	036133	036233	036333	036533	036633	036833
	1/4 x 1 x 6 12 pcs/box	036141	036237	036337	036537	036637	036835
3/8	3/8 x 3/8 x 6 12 pcs/box	036143	036240	036341	036541	036641	036840
1/2	1/2 x 1/2 x 6 12 pcs/box	036145	036245	036345	036545	036645	036845
	1/2 x 1 x 6 12 pcs/box	036147	036249	036349	036549	036649	036850
1	1 x 1 x 6 6 pcs/box	036150	036253	036353	036553	036653	036853

Specialty Stones (Aluminum Oxide)



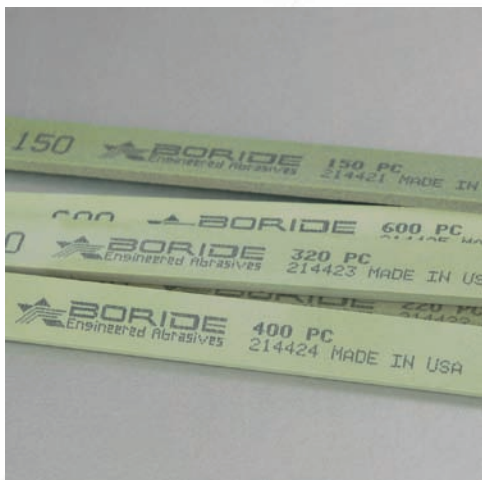
RASP

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 steels, aluminum and even EDM surfaces. It is an excellent stone for flat lapping and contours quickly with a moderate breakdown.



RASP		150	220	320	400	600
1/8	1/8 x 1/4 x 6 12 pcs/box	056230	056320	056410	056500	056590
	1/8 x 1/2 x 6 12 pcs/box	056240	056330	056420	056510	056595
5/32	5/32 x 5/32 x 6 12 pcs/box	056250	056340	056430	056520	056610
1/4	1/4 x 1/4 x 6 12 pcs/box	056260	056350	056440	056530	056620
	1/4 x 1/2 x 6 12 pcs/box	056270	056360	056450	056540	056630
	1/4 x 1 x 6 12 pcs/box	056280	056370	056460	056550	056640
1/2	1/2 x 1/2 x 6 12 pcs/box	056290	056380	056470	056560	056650
	1/2 x 1 x 6 12 pcs/box	056300	056390	056480	056570	056660
1	1 x 1 x 6 6 pcs/box	056310	056400	056490	056580	056670

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.



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

Specialty Stones (Aluminum Oxide)



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 T2 for high quality mold steel such as P-20, H-13, and 420 stainless.



T2		150	220	320	400	600
1/16	1/16 x 1/4 x 6 12 pcs/box	036900	037096	037292	037492	037688
	1/16 x 1/2 x 6 12 pcs/box	036910	037100	037296	037496	037690
1/8	1/8 x 1/4 x 6 12 pcs/box	036912	037108	037304	037504	037700
	1/8 x 1/2 x 6 12 pcs/box	036916	037112	037316	037508	037704
	1/8 x 1 x 6 12 pcs/box	036918	037114	037318	037510	037706
5/32	5/32 x 5/32 x 6 12 pcs/box	036924	037120	037320	037516	037712
1/4	1/4 x 1/4 x 6 12 pcs/box	036928	037124	037324	037520	037716
	1/4 x 1/2 x 6 12 pcs/box	036932	037128	037328	037524	037736
	1/4 x 1 x 6 12 pcs/box	036936	037132	037332	037528	037738
1/2	1/2 x 1 x 6 12 pcs/box	036952	037148	037348	037544	037740
1	1 x 1 x 6 6 pcs/box	036956	037152	037352	037548	037744

Specialty Stones (Aluminum Oxide)



T4

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



T4		150	220	320	400	600
1/8	1/8 x 1/4 x 6 12 pcs/box	038192	038352	038432	038512	038592
	1/8 x 1/2 x 6 12 pcs/box	038196	038356	038436	038516	038596
	1/8 x 1 x 6 12 pcs/box	038214	038357	038437	038517	038597
1/4	1/4 x 1/4 x 6 12 pcs/box	038208	038368	038448	038528	038608
	1/4 x 1/2 x 6 12 pcs/box	038212	038372	038452	038532	038612
	1/4 x 1 x 6 12 pcs/box	038216	038376	038456	038536	038616
1/2	1/2 x 1 x 6 12 pcs/box	038226	038388	038468	038551	038631
1	1 x 1 x 6 6 pcs/box	038232	038392	038472	038552	038632

Specialty Stones (Aluminum Oxide)



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.



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

Specialty Stones (Aluminum Oxide)



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.



AO		120	150	220	320	400	600	800	1000	1200
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
Shapes	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

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 and performs well on all types of tool steels.



TH		150	220	320	400	600
1/8	1/8 x 1/4 x 6 12 pcs/box	034912	034108	034304	034504	034700
	1/8 x 1/2 x 6 12 pcs/box	034916	034112	034316	034508	034704
1/4	1/4 x 1/4 x 6 12 pcs/box	034928	034124	034324	034520	034716
	1/4 x 1/2 x 6 12 pcs/box	034932	034128	034328	034524	034736
	1/4 x 1 x 6 12 pcs/box	034936	034132	034332	034528	034738
1/2	1/2 x 1 x 6 12 pcs/box	034933	034125	034333	034536	034737
1	1 x 1 x 6 6 pcs/box	034937	034126	034334	034537	034740

Specialty Stones (Aluminum Oxide)



900-F

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



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 (Aluminum Oxide)



Roughing Stones

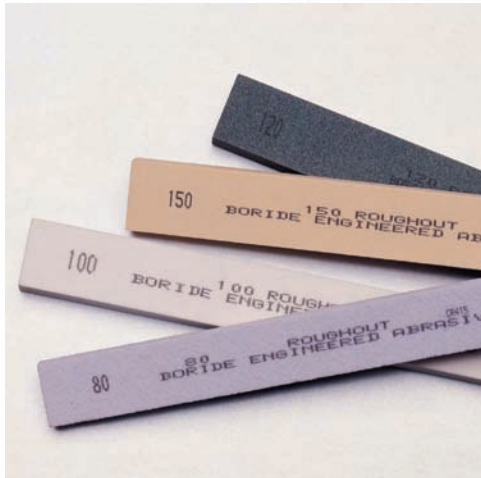
From soft to hard the Roughout stones enable rapid, aggressive stock removal.



RUBY		60	80	100	150	220
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

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

Roughing Stones (Aluminum Oxide)



Roughing Stones

From soft to hard the Roughout stones enable rapid, aggressive stock removal.



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-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



Sharpening Stones

Used for deburring, sharpening and honing. Available in aluminum oxide in a variety of sizes.

Square Sharpening File

Item	Description
6 pcs 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 pcs 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

Item	Description
6 pcs 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"

Sharpening Stones



Sharpening Stones

Used for deburring, sharpening and honing. Available in aluminum oxide in a variety of sizes.

Round Sharpening File

Item	Description
6 pcs 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"

Half Round Sharpening File

Item	Description
6 pcs 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"

Single Grit Bench Sharpening Stone

Item	Description
6 pcs 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 pcs 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"

Sharpening Stones



Sharpening Stones

Used for deburring, sharpening and honing. Available in aluminum oxide in a variety of sizes.

Combination Bench Sharpening Stone - (Grit 120/320)

Item	Description
1 pcs 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 Stone - Aluminum Oxide

Item	Description
6 pcs 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 Stone - Silicon Carbide

Item	Description
1 pcs per box	
076230	120/320 Grit, 4 x 1-1/2"

Sharpening File Assortment Kit

Item	Description
076999	Kit includes one (1) each of SBA-F42 Bench, CBA-FC45 Combo, SFA-M42 Square, TFA-C42 Triangle, RFA-F42 Round and KBA-F41 Knife.

Polishing Stone Kits



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 and in 150, 220, 320, 400 and 600 grit. The only exception is that the GOLD has an 800 instead of 600 grit.



AM-8
Item 028952



AS-9
Item 028954



Orange EDM
Item 028963



GOLD
Item 028915



AM-2
Item 028956



Die Stone
Item 028960



CS-M
Item 028971



CS-HD
Item 028969



T2
Item 028958



T4
Item 028965



TH
Item 028967



AO
Item 028970



RASP
Item 028972



PC
Item 028968



Polishing Stone Holders



Polishing Stone Holders

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



029910

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



029912

Stone Holder - Handheld, For 1/4 x 1/4", 1/4 x 1/2" stones



029913

Stone Holder - Handheld, For 3/8" and 1/4" round stones



029914

Stone Holder - Handheld, For 1/16 x 1/4", 1/16 x 1/2", 1/4 x 1/4" stones



029915

Stone Holder Kit - Handheld

Kit includes: 029910, 029912, 029913, 029914

Polishing Stone Holders



Polishing Stone Holders

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



029916

Polishing Stone Holder, 3/16" shank-Profiler,
For 1/8 x 1/4" stones



029917

Polishing Stone Holder, 3/16" shank-Profiler,
For 1/8 x 1/2", 1/4 x 1/4" stones



029918

Polishing Stone Holder, 1/8" shank-Profiler,
For 1/8 x 1/4" stones



029919

Polishing Stone Holder, 1/8" shank-Profiler,
For 1/8 x 1/2", 1/4 x 1/4" stones

Polishing Stone Holders



Polishing Stone Holders

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



029923
Polishing Stone Holder - Vice Clamp,
3/16" shank-Profiler



029924
Polishing Stone Holder - Vice Clamp,
1/8" shank-Profiler



029960
Polishing Stone Holder - Profiler, 1/4"
Stone Long, 3/16" Shank



029963
Polishing Stone Holder - Profiler, 1/4"
Stone Short, 3/16" Shank



029967
Polishing Stone Holder - Profiler, 1/8"
Stone Short, 3/16" Shank



029958
Large Brass Replacement Ring

Polishing Stone Holders



Ceramic Super Stone and Cristone® Holders

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



029925

Holds 3mm Round Ceramic Super Stones and Cristones®



029930

Holds 2-4mm Ceramic Super Stones and Cristones®



029935

Holds 6mm Ceramic Super Stones and Cristones®



029940

Holds 8-10mm Ceramic Super Stones and Cristones®



029945

Set of three holders for 2, 4, 6, 8 & 10mm Ceramic Super Stones and Cristones®

Polishing Stone Holders



Ceramic Super Stone and Cristone® Holders

Excellent holding power and vibration reduction. A must for good control during polishing. Available in 1/8" and 3/16" mandrels. Designed for use in a profiler with detail stones.



029950

Ceramic Stone Holder,
1/8" Shank Profiler



029953

Ceramic Stone Holder,
3mm Shank Profiler



029954

Ceramic Stone Holder,
3/16" Shank Profiler



029955

Ceramic Stone Holder
Brass Replacement Ring

Polishing Stone Holders



Ceramic Super Stone and Cristone® Holders

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



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

Polishing Equipment



Air 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®.



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



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



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



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



Item U-LAP 120
U-LAP 120 Profiler
1.2mm stroke length
25,000 RPM



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

Item MFRL2-G

3-in-1

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



Polishing Equipment

Air Grinders



Excellent tools for many applications including polishing and precision grinding



Item MSG-32BSN

Straight pencil type with 1/8" collet.
65,000 RPM



Item MSG-3BSN

Straight pencil type with 3mm collet.
65,000 RPM



Item MAG-121N1/8

120° angle air grinder with 1/8" collet.
52,500 RPM



Item MAG-122N

120° angle air grinder.
35,000 RPM



Item MAG-123N

120° angle air grinder.
23,500 RPM



Item MAG-093N

90° angle air grinder with 1/8" collet.
23,500 RPM

Polishing Equipment



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 High Speed Standard Set



Item EMX9984

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.

1,000-35,000 rpm. Includes Micro Grinder handpiece, Control Unit, Handpiece holder, Handpiece Stand, Wrench and Pin Wrenches.

Emax Lever Type Torque Set



Item EMX9986

Allows for a wide variety of applications with large tools. Furthermore the burr can be replaced with one touch, just by turning the lever. 1,000-35,000 rpm. Includes Micro-grinder handpiece, Control Unit, Handpiece holder, Handpiece stand, Wrench and Pin wrenches.

Sheenus neo Standard Set Ultrasonic Polisher



Item 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 Handpiece, 2-Tip Holders, 1-Ceramic Super Stone, 1-Diamond File, 1-Toolbox, 1-Handpiece Stand, 2-Wrenches, 1-Foot Pedal.

Polishing Equipment



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



Item RO11149

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.

Electer Emax Control Unit



Item EMX9981

RPM digitally displayed to 2-digit precision, Error code display function, Handpiece holder, Convenient handle, Motor on/off switch, Stepless speed control, Foot pedal select switch, Forward/Reverse select switch.

Emax NK-351 Motor



Item EMX8003

Smooth cutting with very low vibration is provided throughout the range of 1,000-35,000 rpm.

Emax NK-261 Motor



Item EMX8012

This torque type motor with coiled cord combines the best of both high speed and high torque. 1,000-27,000 rpm.

Polishing Equipment



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.

Electer Emax & Rotus IH-300 Attachment



Item 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.

Electer Emax & Rotus IC-300 Attachment



Item 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. Reduction Ratio: 3/4. Weight: 1.6 oz.

Electer Emax & Rotus KC-300 Attachment



Item RE10266

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

Mini-Luster ML-8 Attachment



Item LS51307

Reciprocating stroke approx 0-7,600 times/min. Stroke Range: 0.8 fixed . 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.

Polishing Equipment



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



Item LS11380

Pencil type polisher suited for narrow grooves, 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: 0-7,600 times/min. Stroke range variable.

Luster NLS-100 Profiler



Item EMX1454

A powerful reciprocating polisher with a built in motor equipped with 1/4 Speed Reducer to multiply the torque by 4 times. Reciprocating Stroke : 0-7,600 times/min. Stroke Range : Fully adjustable.

Luster LS-100 Profiler



Item LS10815

The LS-100 is a reciprocating polisher that screws onto a motor such as the NK-351, NK261 or the NK-151. The max motor rpm is 30,000.

Detail Stones and Detail Stone Holders



Cristone® Crystal Fiber Stone

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



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



029925

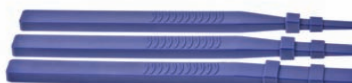
Holds 3mm Round Ceramic Super Stones and Cristones®

029930

Holds 2-4mm Ceramic Super Stones and Cristones®

029935

Holds 6mm Ceramic Super Stones and Cristones®



029940

Holds 8-10mm Ceramic Super Stones and Cristones®

029945

Set of three holders for 2, 4, 6, 8 & 10mm Ceramic Super Stones and Cristones®

Detail Stones and Detail Stone Holders



Ceramic Super Stones

The original Ceramic Super Stone is used for fine detail polishing.

Extremely strong and thin for tight ribs and slots, excellent stone for EDM removal.



Shape	Dimension (mm)	Green 120	Gold 180	Lt Brn 300	Orange 400	Brown 600	Blue 800	White 1000	Red 1200
Flat	0.5 x 2 x 100	669900	670100	670200	670300	670500	670700	670800	670900
	0.5 x 4 x 100	669910	670110	670210	670310	670510	670710	670810	670910
	0.5 x 6 x 100	669930	670130	670230	670330	670530	670730	670830	670930
	0.8 x 4 x 100	669912	670112	670212	670312	670512	670712	670812	670912
	0.8 x 6 x 100	669932	670132	670232	670332	670532	670732	670832	670932
	0.8 x 10 x 100	669952	670152	670252		670552	670752	670852	
	1 x 4 x 50	669896	670113			670587	670787		
	1 x 2 x 100	669904	670104	670204	670304	670504	670704	670804	670904
	1 x 4 x 100	669914	670114	670214	670314	670514	670714	670814	670914
	1 x 6 x 100	669934	670134	670234	670334	670534	670734	670834	670934
	1 x 10 x 100	669954	670154	670254	670354	670554	670754	670854	670954
	1.5 x 4 x 100	669916	670116	670216	670316	670516	670716	670816	670916
	1.5 x 6 x 100	669936	670136	670236	670336	670536	670736		
Round	2.35 x 50				670371	670571	670771		670971
	2.35 x 100			670245		670545	670745		670945
	3 x 50	669981	670181	670281	670381	670581	670781	670881	670981
	3 x 100	669951	670151	670251	670351	670551	670751	670851	670951
	3.16 x 50	669991	670091	670191	670391	670591	670791	670891	670991

Detail Stones and Detail Stone Holders



Miniature Ceramic Super Stones

The Miniature Ceramic Super Stone is extremely strong for its size and thin for tight ribs and slots. Manufactured from the same high performance ceramic fiber as the original Super Stone, the Miniature is an excellent stone for EDM removal and is suitable for use on all types of mold and die materials.



Shape	Dimension (mm)	Green 120	Gold 180	Lt Brn 300	Orange 400	Brown 600	Blue 800	White 1000	Red 1200
Flat	0.5 x 0.5 x 50	675000	675001	675002	675003	675004	675005	675006	675007
	0.7 x 0.7 x 50	675008	675009	675010	675011	675012	675013	675014	675015
	0.9 x 0.9 x 50	675016	675017	675018	675019	675020	675021	675022	675023
	1.4 x 1.4 x 50	675024	675025	675026	675027	675028	675029	675030	675031



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

Detail Stones and Detail Stone Holders



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.



Shape	Dimension (mm)	Black 200	Gray 400	Green 600
Flat	1 x 4 x 100	673110	673210	673310
	1 x 6 x 100	673120	673220	673320
	1 x 10 x 100	673130	673230	673330



029930

Holds 2-4mm Ceramic Super Stones and Cristones®



029935

Holds 6mm Ceramic Super Stones and Cristones®



029940

Holds 8-10mm Ceramic Super Stones and Cristones®



029945

Set of three holders for 2, 4, 6, 8 & 10mm Ceramic Super Stones and Cristones®

Detail Stones and Detail Stone Holders



CNB

Made in the USA from an 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.



CNB	80
1.2 x 4 x 75mm	046903
1.2 x 6 x 75mm	046917
1.2 x 10 x 75mm	046921
1.2 x 10 x 150mm	046944

0.8 x 4 x 75mm	046959
0.8 x 6 x 75mm	046962
0.8 x 10 x 75mm	046973
0.8 x 10 x 150mm	046978



029930

Holds 2-4mm Ceramic Super Stones and Cristones®



029935

Holds 6mm Ceramic Super Stones and Cristones®



029940

Holds 8-10mm Ceramic Super Stones and Cristones®



029945

Set of three holders for 2, 4, 6, 8 & 10mm Ceramic Super Stones and Cristones®

Detail Stone Holders



Detail Stone Holders

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



029925

Holds 3mm Round Ceramic Super Stones and Cristones®



029930

Holds 2-4mm Ceramic Super Stones and Cristones®



029935

Holds 6mm Ceramic Super Stones and Cristones®



029940

Holds 8-10mm Ceramic Super Stones and Cristones®



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

Ceramic Stone Holder, 1/8" Shank Profiler



029953

Ceramic Stone Holder, 3mm Shank Profiler



029954

Ceramic Stone Holder, 3/16" Shank Profiler



029955

Ceramic Stone Holder Brass Replacement Ring

Diamond Compound



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 of 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.

Grade / Color / Mesh	Size	Application	Item
1-STD / White / 14,000	5 GM	Final Polish	331020
1-STD / White / 14,000	18 GM	Final Polish	331030
3-STD / Yellow / 8,000	5 GM	Final Polish	331050
3-STD / Yellow / 8,000	18 GM	Final Polish	331060
3-STD / Yellow / 8,000	18 GM	Final Polish	331500
6-STD / Orange / 3,000	5 GM	Final & Pre-Polish	331080
6-STD / Orange / 3,000	18 GM	Final & Pre-Polish	331090
9-STD / Green / 1,800	5 GM	Pre-Polish Lapping	331110
9-STD / Green / 1,800	18 GM	Pre-Polish Lapping	331120
15-STD / Blue / 1,200	5 GM	Pre-Polish Lapping	331140
15-STD / Blue / 1,200	18 GM	Pre-Polish Lapping	331150
30-STD / Red / 800	5 GM	Stock Removal	331170
30-STD / Red / 800	18 GM	Stock Removal	331180

Diamond Compound



DIAMAX Diamond Compound

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. DIAMAX Thinner and Lubricant is used to thin diamond compound slurry and extend the compound. It also reduces gumming.

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-4 oz Bottle			336005
DIAMAX Thinner-16 oz Bottle			336010
DIAMAX-2 oz Finger Spray Bottle			336211

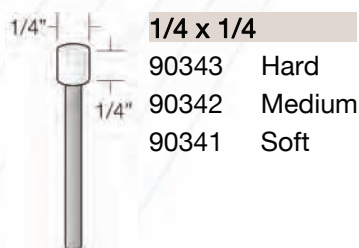
Felt Bobs and Felt Sticks



Felt Bobs and Felt Sticks

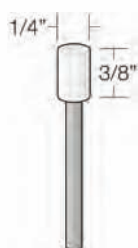
Our felt bobs are made from the finest wool and materials. Felt bobs may be used with polishing compounds to produce a high surface finish on all dies and molds. All items are on 1/8" mandrels unless otherwise specified. All felt bobs are 12 pcs per package. All felt sticks are 6 pcs per package.

Cylinder Shape



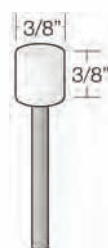
1/4 x 1/4

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



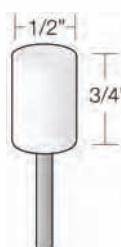
3/8 x 1/2

90288 Hard
90289 Medium
90290 Soft



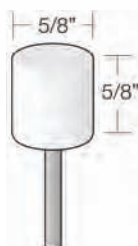
1/2 x 1/2

90291 Hard
90292 Medium
90293 Soft



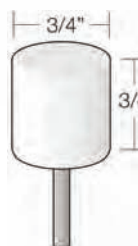
1/2 x 3/4

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

Felt Bobs and Felt Sticks



Felt Bobs and 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 pcs per package. All felt sticks are 6 pcs per package.

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	

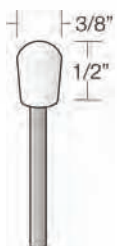


1/2 x 1		
90359	Hard	
90382	Medium	
90381	Soft	



3/4 x 1-1/2		
90385	Hard	
90384	Medium	
90383	Soft	

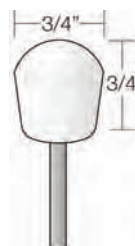
Inverted U Shape



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	

Felt Bobs and Felt Sticks



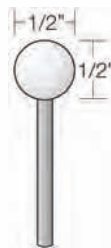
Felt Bobs and Felt Sticks

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 pcs per package. All felt sticks are 6 pcs per package.

Ball Shape

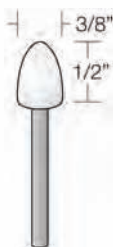


1/4 x 1/4
 90377 Hard
 90376 Medium
 90375 Soft



1/2 x 1/2
 90380 Hard
 90379 Medium
 90378 Soft

Bullet Shape

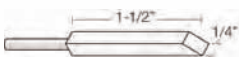


3/8 x 1/2
 90281 Hard
 90361 Medium
 90360 Soft



1/2 x 1
 90362 Hard

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



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 pcs per package.



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



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



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



90300
Bristle Cup
Hard 7/16" x 1"



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



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



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



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



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

Wood Sticks and Diamond Foil



Wood Sticks and 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.

90306

Very Soft
1/4 x 1/4 x 6
Pcs per pack 5

90307

Soft
1/8 x 6 Round
Pcs per pack 25

90308

Soft
1/4 x 6 Round
Pcs per pack 25

90309

Soft
3/16x 3/16 Bevel
Pcs per pack 5

90310

Soft
1/8 x 1/4 Bevel
Pcs per pack 5

90311

Soft
1/4 x 1/4 Bevel
Pcs per pack 5



Diamond Foil

Fast cutting plated diamond foil. 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.

95000

120 GRIT

95010

150 GRIT

95020

200 GRIT

95030

400 GRIT

95040

600 GRIT

95050

800 GRIT

95060

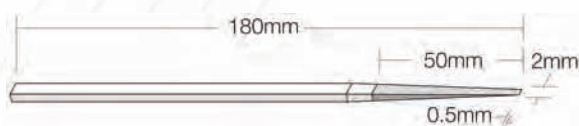
1200 GRIT

Diamond Files



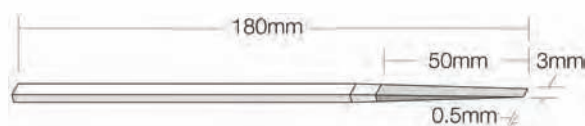
Hand Taper Diamond Files

Precision manufactured with the highest quality diamond. Polishers have easy access in difficult areas, such as ribs and slots, with our diamond files. BORIDE Engineered Abrasives offers hand taper diamond files, needle taper diamond files and machine diamond files for your polishing needs.



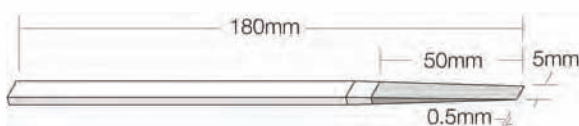
0.5 x 2 x 180

9960	80 Grit
9911	120 Grit
9912	200 Grit
9913	320 Grit



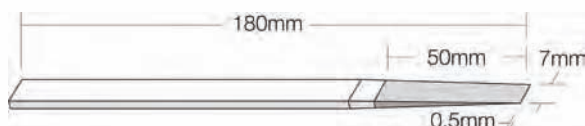
0.5 x 3 x 180

9961	80 Grit
9908	120 Grit
9909	200 Grit
9910	320 Grit



0.5 x 5 x 180

9962	80 Grit
9905	120 Grit
9906	200 Grit
9907	320 Grit



0.5 x 7 x 180

9963	80 Grit
9902	120 Grit
9903	200 Grit
9904	320 Grit

Hand Taper Files - 12 pc Assortment Kit

9914

Hand taper file assortment contains 1 of each of the following:

120, 200 & 320 grit, in sizes 0.5 x 2 x 180mm, 0.5 x 3 x 180mm, 0.5 x 5 x 180mm, 0.5 x 7 x 180mm.

Diamond Files



Needle Taper Diamond Files

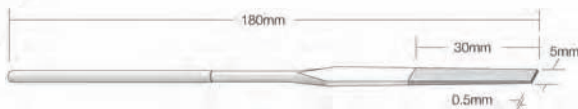
Our needle taper diamond files are precision manufactured with the highest quality diamond allowing mold and die polishers easy access in difficult areas like ribs and slots.



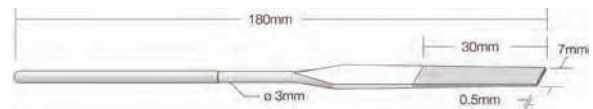
0.5 x 1 x 130
9924 320 Grit



0.5 x 3 x 130
9921 140 Grit
9922 200 Grit
9923 320 Grit



0.5 x 5 x 130
9918 140 Grit
9919 200 Grit
9920 320 Grit



0.5 x 7 x 130
9915 140 Grit
9916 200 Grit
9917 320 Grit

Needle Taper Files - 10 pc Assortment Kit

9925

Contains 1 of each of the items listed above.

Diamond Files



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.



9926

1 x 3 x 50 mm 1-side



9927

1.8 x 5 x 50 mm 1-side



9928

1 x 2 x 50 mm 1-side



9929

1 x 4 x 50 mm 1-side



9930

2 x 5 x 50 mm 1-side



9931

1 x 3 x 50 mm 2-side



9932

2 x 5 x 50 mm 2-sides

Diamond Files



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.



9933

.08 x 3 x 50 mm 2-sides



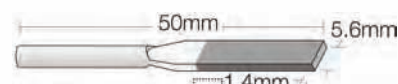
9934

1 x 3 x 50 mm 2-sides



9935

1.4 x 3 x 50 mm 4-sides



9936

1.4 x 5.6 x 50 mm 4-sides



9944

2 x 2 x 50 mm 4-sides



9945

3 x 3 x 50 mm 4-sides



9946

2 x 50 mm TRI 3-sides



9947

3 x 50 mm TRI 3-sides



9948

4 x 50 mm TRI 3-sides



9950

1 x 4 x 50 mm TRI 3-sides

Diamond Files



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.



9937

1 x 50 mm Half Round



9938

1.5 x 50 mm Half Round



9939

2 x 50 mm Half Round



9940

1 x 50 mm Round



9941

2 x 50 mm Round



9942

3 x 50 mm Round



9943

4 x 50 mm Round



9949

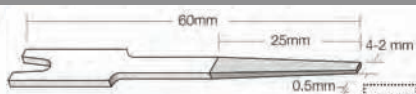
2.3 x 3.5 x 50 mm Ellipse

Diamond Files



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.



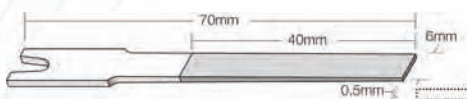
0.5 x 4-2 x 60

- 9964 120 Grit
- 9965 150 Grit
- 9966 200 Grit



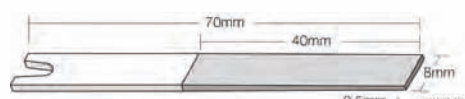
0.5 x 4 x 60

- 9967 120 Grit
- 9968 150 Grit
- 9969 200 Grit



0.5 x 6 x 70

- 9970 120 Grit
- 9971 150 Grit
- 9972 200 Grit



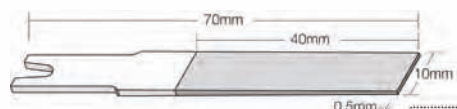
0.5 x 8 x 70

- 9973 120 Grit
- 9974 150 Grit
- 9975 200 Grit



0.5 x 8 x 90

- 9976 120 Grit
- 9977 150 Grit
- 9978 200 Grit



0.5 x 10 x 70

- 9979 120 Grit
- 9980 150 Grit
- 9981 200 Grit



0.5 x 10 x 90

- 9982 120 Grit
- 9983 150 Grit
- 9984 200 Grit

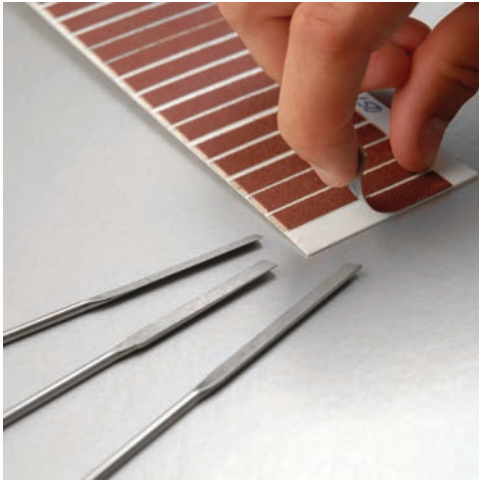
Diamond Tip Lapper File Kit

9985

Contains 1 of each of the following:

- 150, 200 & 400 grit 0.5 x 4-2 x 60mm
- 150, 200 & 400 grit 0.5 x 4x 60mm
- 150 & 200 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

Coated Abrasives



Coated Abrasives

Broad offering of high quality coated abrasives for finishing work.

Zip Strips



Zip Strips will not crack or crease, they offer one-hand changing and the adhesive stays put. Zip Strips offer outstanding stock removal and the strips can be removed and reused. Ideally used with our Blank Tapered Files. 32 Strips per sheet/grit.

Item	Grit
90500	100
90510	150
90520	240
90530	320
90540	400
90550	500
90560	600
90570	800

Zip Strip Starter Kit

028912

1 sheet of each grit and
3 blank files.

File-Blank



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

Item	Size
90580	1.5 X 140mm
90590	0.5 X 140mm
90600	0.4 X 140mm

Coated Abrasives



Coated Abrasives

Broad offering of high quality coated abrasives for finishing work.

Red Aluminum Oxide Paper



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

Item	Grit	Pack/Qty
93220	120	100
93250	220	100
93280	320	100
93290	400	100
93300	600	100
93310	800	100
93320	1000	100
93330	1200	100

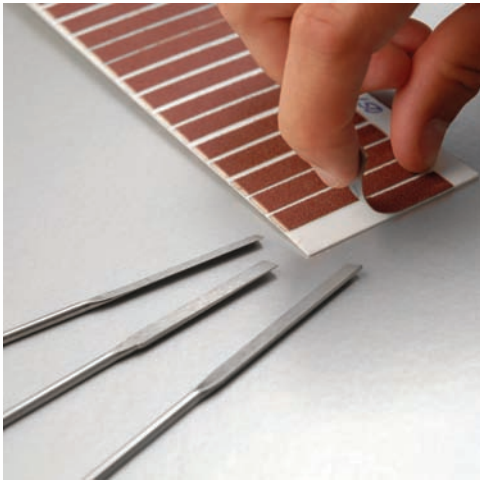
Red Backed Silicon Carbide Paper



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

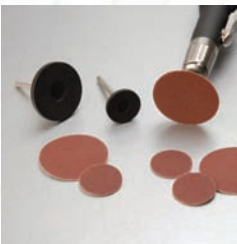
Coated Abrasives



Coated Abrasives

Broad offering of high quality coated abrasives for finishing work.

PSA Discs



Quality bonded paper with strong adhesive. Long lasting, fast cutting durable disc. 100 pcs per package.

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 Starter Kit

028913

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

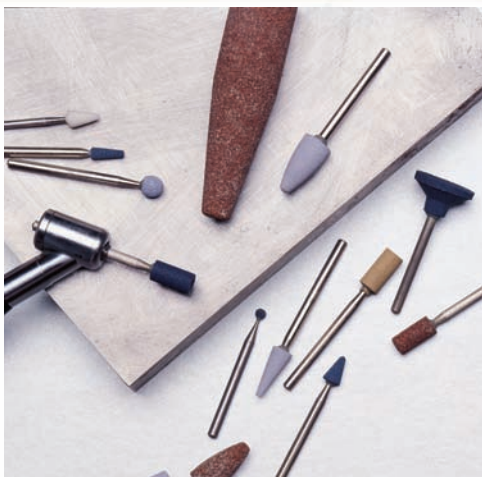
PSA Disc Holder



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

Item	Size
92140	3/4
92150	1-1/4

Mounted Points



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.

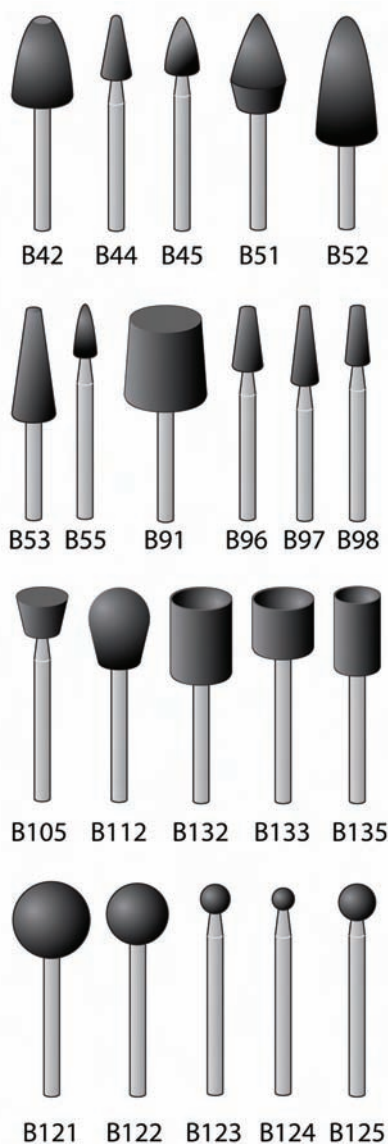
Red: 60-80 grit

Blue: 120 grit

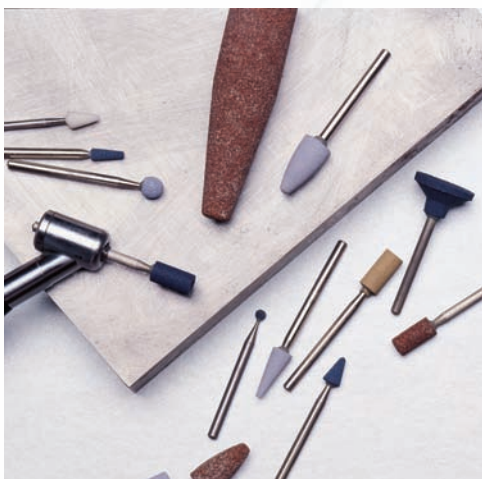
White: 400 grit

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

"B" Shape	Sizes-(inches)	Red	Blue
Shape / Diam. / Thick.			
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



Mounted Points



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 on 3mm mandrel. 25 pcs per package.

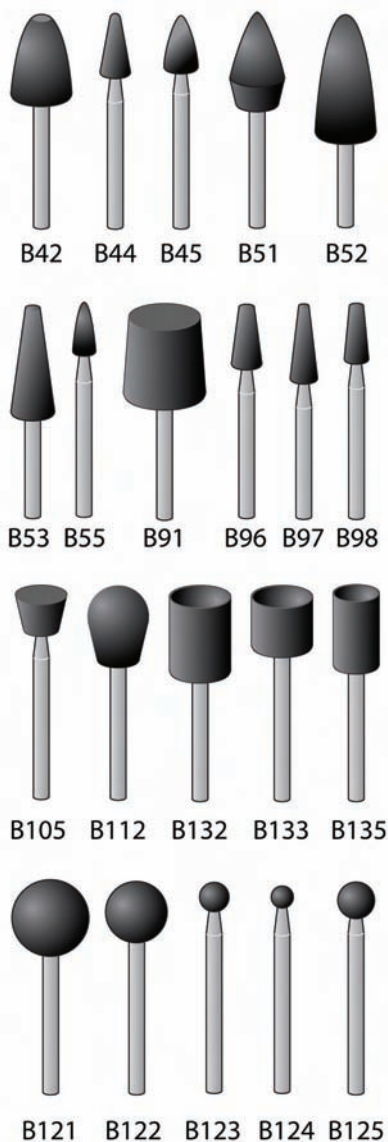
100 pc minimum order.

Metric "B" Shape Shapes - (inches) Shape / Diam. / Thick.	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

Mounted Point Kit, 48 Pieces, Metric Measure (3mm mandrel)

299907

Kit includes 3 red (medium) and 3 blue (hard) each of the following: B44, B52, B123, W144, W146, W153, W162, W176



Mounted Points



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

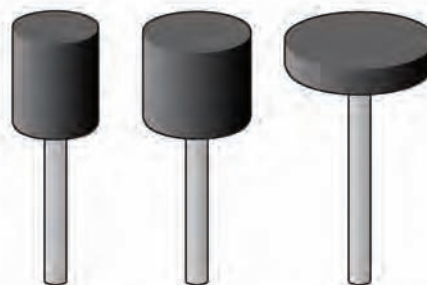
Blue: 120 grit

White: 400 grit

All on 1/8" mandrel except for W220 (1/4").

25 pcs per package.

"W" Shape Sizes-(inches)		Red	Blue
Shape / Diam. / Thick.			
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	



"W" Shape Point

Mounted Point Kit, 48 Pieces, Standard Measure

299901

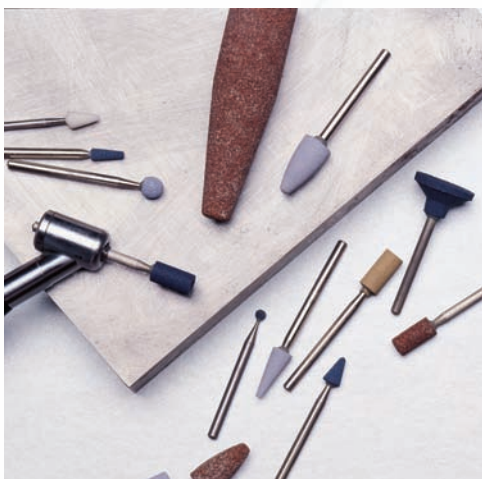
Kit includes 3 red (medium) and 3 blue (hard) each of the following: B44, B52, B123, W144, W153, W162, W176, W200

Mounted Point Kit, 100 Pieces, Blue

299902

Kit includes 10 blue (hard) each of the following: B44, B52, B96, B123, W144, W153, W162, W170, W176, W200

Mounted Points



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

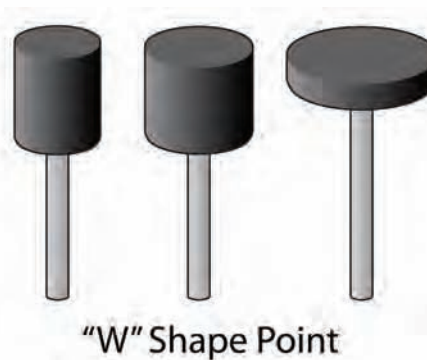
Blue: 120 grit

White: 400 grit

All on 3mm mandrel. 25 pcs per package.

100 pc minimum order.

Metric "W" Shape Sizes-(inches) Shape / Diam. / Thick.	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

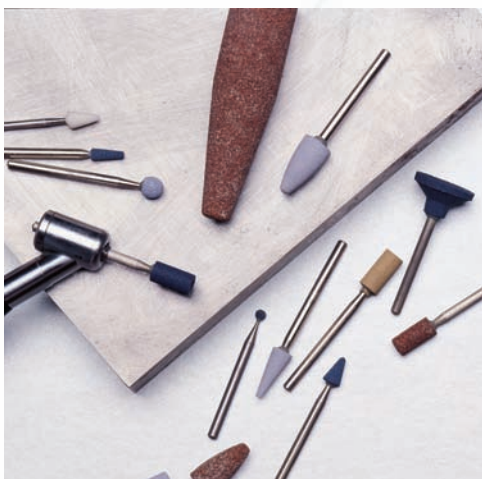


Mounted Point Kit, 48 Pieces, Metric Measure (3mm mandrel)

299907

Kit includes 3 red (medium) and 3 blue (hard) each of the following: B44, B52, B123, W144, W146, W153, W162, W176

Mounted Points



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.

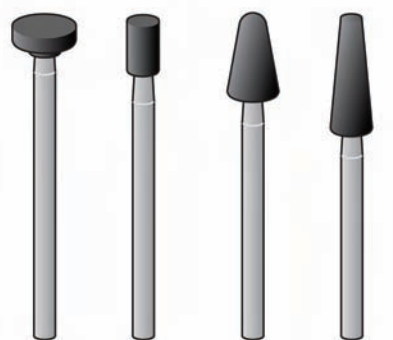
Red: 60-80 grit

Blue: 120 grit

White: 400 grit

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

Polishing Points Sizes-(inches) Shape / Diam. / Thick.	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		

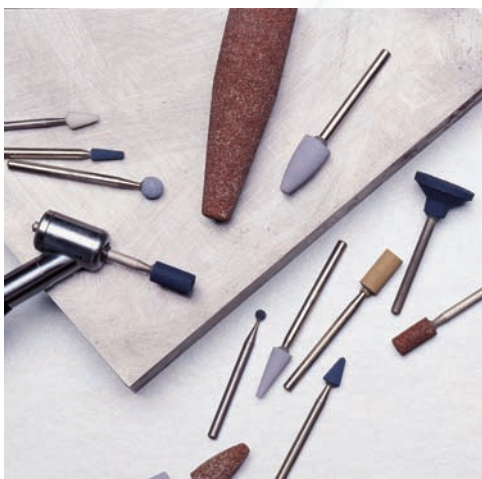


HP3 HP12 HP22 HP23



HP26 HP28 HP59 HP60

Mounted Points



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.

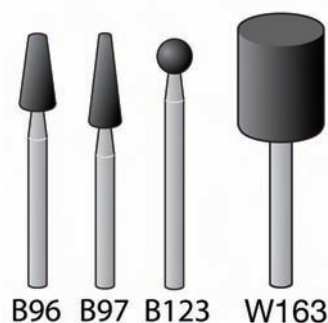
Red: 60-80 grit

Blue: 120 grit

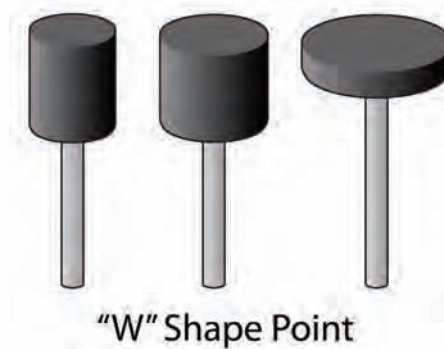
White: 400 grit

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

Ceramic Points Shapes - (inches) Shape / Diam. / Thick.	Item
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 Shapes - (inches) Shape / Diam. / Thick.	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



Accessories

Broad offering of mold polishing accessories.



BORI-LUBE 10 Polishing Lubricant

Item 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.



Mold Polish

Item 332000

Unique to the industry, 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.



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

380100 Rib Light - Blue LED

380110 Rib Light - White LED

380120 Rib Light Reach - Blue LED

380130 Rib Light Reach - White LED

380090 Rib Light Battery - AAAA (3 per bag)



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	150 - Soft	150 - Medium	220 - Soft	220 - Medium
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		
079021	3/16 x 1/2 x 3	1 pcs/pack