



The Cutting Edge in Abrasive Stones

Abrasive Products General Catalog

Version: 2014.1

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Available from:

H&O DIE SUPPLY, INC.
PRECISION FABRICATING MACHINERY

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Aren't finding what you're looking for?
Call us and let us do the work for you.





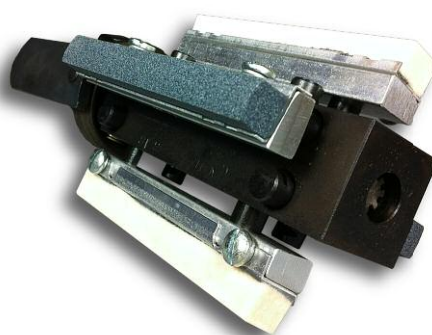
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Sharpening Stones

ALUMINUM OXIDE BENCH STONES

Typical Applications:

- Knives and chisels
- Wood lathe cutters
- Plane blades
- Restoring cutting edge



Do you need Aluminum Oxide, or Silicon Carbide?

Aluminum Oxide - Oil filled
 • Smooth Cutting for close tolerances & a long lasting edge.

Silicon Carbide - Oil filled
 • Fast cutting and load resistant for mild tolerances.

Aluminum Oxide
 Silicon Carbide is on the following page.

COMBINATION

Package Qty	Size	Grit Size	Part #	Norton #	UPC # 730006	Weight per std pkg
Minimum = 1-4 Standard = 5	1" Thick x 4 Dia.	Fine 320 & Coarse 120	AB-64	IB64	00004	7 lbs
	5/8 x 1 3/4 x 4		AB-134	IB134	00005	3 lbs
	3/4 x 2 x 5		AB-45	IB45	00003	4 lbs
	1 x 2 x 6		AB-6	IB6	00001	7 lbs
	1 x 2 x 8		AB-8	IB8	00002	8 lbs

SINGLE GRIT

Package Qty	Size	Grit Size	Part #	Norton #	UPC # 730006	Weight per std pkg
Minimum = 1-4 Standard = 5	1/4 x 1 x 4	Fine	AFB-14	FB14	00078	1 lb
		Medium	AMB-14	MB14	00145	
		Coarse	ACB-14	CB14	00009	
Standard = 5	1/2 x 1 x 4	Fine	AFB-24	FB24	00079	2 lbs
		Medium	AMB-24	MB24	00146	
		Coarse	ACB-24	CB24	00010	
		Fine	AFB-35	FB35	00080	
Grit Size	5/8 x 2 x 5	Medium	AMB-35	MB35	00147	4 lbs
		Fine	AFB-6	FB6	00076	7 lbs
Fine = 320 Grit	1 x 2 x 6	Medium	AMB-6	MB6	00143	
		Coarse	ACB-6	CB6	00007	
Medium = 220 Grit	1 x 2 x 8	Fine	AFB-8	FB8	00077	8 lbs
		Medium	AMB-8	MB8	00144	
Coarse = 120 Grit		Coarse	ACB-8	CB8	00008	

OIL

Sharpening Oil - Meets U.S. Pharmacopia standards of purity for mineral oils

Package Qty	Size	Part #	Norton #	UPC # 730006	Weight per std pkg
Minimum = 1-4 Standard = 5	4.5 oz	XB-1	XB-1	00484	2 lbs
	1 Pint	XB-5	XB-5	00486	5 lbs
	1 Quart	XB-2	XB-2	00485	10 lbs



SILICON CARBIDE BENCH STONES



Typical Applications:
 Knives and chisels-
 Wood lathe cutters-
 Plane blades-
 Restoring cutting edge-

Do you need Aluminum Oxide, or Silicon Carbide?

Silicon Carbide
 Aluminum Oxide is on the previous page.

Aluminum Oxide - Oil filled
 • Smooth Cutting for close tolerances & a long lasting edge.

Silicon Carbide - Oil filled
 • Fast cutting and load resistant for mild tolerances.

Package Qty Minimum = 1-4 Standard = 5	Size	Grit Size	Part #	Norton #	UPC # 730006	Weight per std pkg
	1" Thick x 4 Dia.	Fine 320 & Coarse 120	SB-64	JB64	00450	7 lbs
	1½" Thick x 4 Dia. with Finger Groove		SB-74	JB74	00451	6¼ lbs
	5/8 x 1¾ x 4		SB-134	JB134	00453	3 lbs
	¾ x 2 x 5		SB-45	JB45	00449	4 lbs
	1 x 2 x 6		SB-6	JB6	00446	7 lbs
	1 x 2 x 8		SB-8	JB8	00448	8 lbs

COMBINATION

Package Qty Minimum = 1-4 Standard = 5 Grit Size Fine = 320 Grit Medium = 220 Grit Coarse = 120 Grit	Size	Grit Size	Part #	Norton #	UPC #	Weight
	1/4 x 1 x 4	Fine	FSB-14	FJB14	00265	1 lb
		Medium	MSB-14	MJB14	00380	
		Coarse	CSB-14	CJB14	00217	
	1/2 x 1 x 4	Fine	FSB-24	FJB24	00266	2 lbs
		Medium	MSB-24	MJB24	00381	
		Coarse	CSB-24	CJB24	00218	
	5/8 x 2 x 5	Fine	FSB-35	FJB35	00267	4 lbs
		Medium	MSB-35	MJB35	00382	
		Coarse	CSB-35	CJB35	00219	
	¾ x 2 x 8	Fine	FSB-48	FJB48	00268	5 lbs
		Medium	MSB-48	MJB48	00383	
Coarse		CSB-48	CJB48	00219		
1 x 2 x 6	Fine	FSB-6	FJB6	00263	7 lbs	
	Medium	MSB-6	MJB6	00378		
	Coarse	CSB-6	CJB6	00215		
1 x 2 x 8	Fine	FSB-8	FJB8	00264	8 lbs	
	Medium	MSB-8	MJB8	00379		
	Coarse	CSB-8	CJB8	00216		

SINGLE GRIT

Don't forget sharpening oil to enhance the stone's performance (bottom pg3)



Sharpening Stones

HARD ARKANSAS FILES

Typical Applications:

- Jeweler's stones
- Watchmaker's stones
- Chamfering & radiusing
- Dimensioning curves
- Maintain cutting tools
- Small space hand honing



What is an Arkansas Stone



"Arkansas stone" is a natural stone called Novaculite that is quarried in, you guessed it, the Arkansas area. We carry the highest quality premium grades of Hard and Soft Arkansas stone. This natural stone color varies from transparent, white, and black.

Benefits of Hard Arkansas

Creates the ultimate, razor sharp, near mirror finish and long lasting edge. This stone does not require flattening and has the longest stone life. For use on a final edge after a fine grit oil stone or soft arkansas has shaped the edge.

Arkansas Square and Triangle Files - Hard Arkansas only

Package Qty	Shape	Size	Part #	Norton #	UPC # 730006	Weight per std pkg
Broken = 1-4 Minimum = 5 Standard = 10		1/4 Sq. x 3-3 1/2	HAF-13	HF13	00326	4 oz
		3/8 Sq. x 3-3 1/2	HAF-33	HF33	00327	9 oz
		1/2 Sq. x 3-3 1/2	HAF-43	HF43	00328	14 oz
		1/4 Tri. x 3-3 1/2	HAF-113	HF113	00329	3 oz
		3/8 Tri. x 3-3 1/2	HAF-133	HF133	00330	5 oz
		1/2 Tri. x 3-3 1/2	HAF-143	HF143	00331	7 oz

Specialty Shape Files - Hard Arkansas only

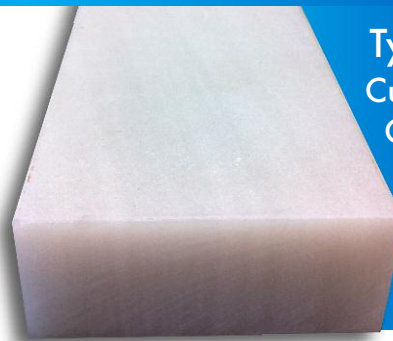
Package Qty	Shape	Size	Part #	Norton #	UPC # 730006	Weight per std pkg
Broken = 1-4 Minimum = 5 Standard = 10		1/4 Rnd x 3-3 1/2	HAF-813	HF813	00332	5 oz
		3/16 x 1/2 x 3-3 1/2	HAF-823	HF823	00333	6 oz
		3/16 x 1/2 x 3-3 1/2	HAF-833	HF833	00334	6 oz
		1/4 x 1/2 x 3-3 1/2	HAF-843	HF843	00335	5 oz
		1/4 x 1/2 x 3-3 1/2	HAF-853	HF853	00336	6 oz
		1/4 to Point x 3-3 1/2	HAF-863	HF863	00337	3 oz
		1/4 back x 1 x 3-4	HAF-873	HF873	00338	7 oz

Carving Tools - Hard Arkansas only

Package Qty	Shape	Size	Part #	Norton #	UPC # 730006	Weight per std pkg
Broken = 1-4 Minimum = 5 Standard = 10		3/16 x 7/8 x 2 1/4	HAS-22	HS22	00348	12 oz
		3/16 x 7/8 x 2 1/4	HAS-42	HS42	00350	8 oz



ARKANSAS BENCH STONES



Typical Applications:
 Cutlery & kitchen knives-
 General tools & knives-
 Wood lathe cutters-
 Jewelers stones-
 Planes & chisels-
 Woodworking tools-

Do you need Soft or Hard Arkansas?

Benefits of Hard Arkansas

Creates the ultimate, razor sharp, near mirror finish and long lasting edge. This stone does not require flattening and has the longest stone life. For use on a final edge after a fine grit oil stone or soft arkansas has shaped the edge.

Benefits of Soft Arkansas

More economical type of arkansas stone that produces a very fine edge only surpassed by hard arkansas. Softer stone allows you to create a very fine edge on your blade. Best results if used after a standard fine grit oil stone like on page 3.

Small Jewelers' and Penknife Precision Benchstones

	Size	Abrasive Type	Grit Size	Part #	Norton #	UPC # 730006	Weight per std pkg
Package Qty Broken = 1-4 Minimum = 5 Standard = 10	1/4 x 1 x 3	Soft Arkansas	Extra Fine	SAB-13	SB13	00438	1 1/4 lbs
		Hard Arkansas	Ultra Fine	HAB-13	HB13	00321	
	1/4 x 1 x 4	Soft Arkansas	Extra Fine	SAB-14	SB14	00439	1 3/4 lbs
		Hard Arkansas	Ultra Fine	HAB-14	HB14	00322	
	1/2 x 2 x 4	Hard Arkansas	Ultra Fine	*HAB-24	HB24	00323	2 lbs
	*HAB-24 Package Qty / Minimum = 1-4 , Standard = 5						

Large Arkansas Bench Stones

	Size	Abrasive Type	Grit Size	Part #	Norton #	UPC # 730006	Weight per std pkg
Package Qty Minimum = 1-4 Standard = 5	1 x 2 x 4	Soft Arkansas	Extra Fine	SAB-4	SB4	00435	3 lbs
		Hard Arkansas	Ultra Fine	HAB-4	HB4	00318	
	1/2 x 2 x 6	Hard Arkansas	Ultra Fine	**HAB-62	n/a	04700	2 3/4 lbs
	1 x 2 x 6	Soft Arkansas	Extra Fine	SAB-6	SB6	00436	5 3/4 lbs
		Hard Arkansas	Ultra Fine	HAB-6	HB6	00319	
		Hard Arkansas	Ultra Fine	**HAM-6	HM6	00341	
	1/2 x 2 x 8	Hard Arkansas	Ultra Fine	**HAB-82	n/a	04701	3 1/4 lbs
	1 x 2 x 8	Soft Arkansas	Extra Fine	SAB-8	SB8	00437	6 1/4 lbs
		Hard Arkansas	Ultra Fine	HAB-8	HB8	00320	
		Hard Arkansas	Ultra Fine	**HAM-8	HM8	00443	
all are available in a premium wood box upon request / **comes standard in a premium wood box							

All Arkansas Stone sizes are approximate due to the natural stone quarry process

Sharpening Stones

CUTLERY & KITCHEN SHARPENERS

SHARPENING SYSTEMS MULTI-OILSTONE UNITS

These self contained systems are the choice of professionals. These sharpening systems use a self contained oil bath system to keep the stones lubricated and in top condition. These are great for professional chefs and butchers or even the hobbyist or cook at home. We have the system for any size knife, large or small. The S&S system is proudly made in the USA. We also offer the very popular and industry standard, Norton line systems.

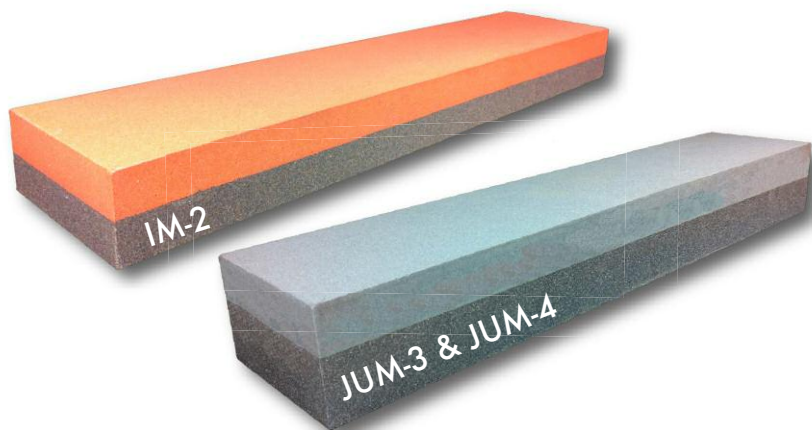
Size	Part #	Manufacture	UPC # 730006
11½" Stones	S&S-3in1	Sticks & Stones	00369
11½" Stones	IM-313	Norton	00363
8" Stones	IM-200		00804
6" Stones	IM-100		00362



SYSTEM REPLACEMENT STONES

System	Size	Grit	Part #	Abrasive Type	UPC # 730006
S&S-3in1 & IM-313	½ X 2½ X 11½	Ultra Fine	HR-115	Hard Arkansas	00351
		Fine	IM-9	Aluminum Oxide	00359
		Medium	JM-6	Silicon Carbide	00365
		Coarse	JM-3		00364

Replacement stones for other systems also available. Just call and we'll help you.



GIANT CUTLERY BENCH STONES

These giant stones allow long sweeping strokes like the large systems but in the convenience of one stone. They are combination grit, fine and coarse for versatility. Silicon Carbide is best for sharpening quickly and aluminum oxide is best for longer lasting cutting edges.

Package Qty	Part #	Norton #	Size	Abrasive Type	Grit	UPC # 730006
Minimum = 1 Standard = 2	IM-2	IM2	1 x 2½ x 11½	Aluminum Oxide	Fine	00358
	JUM-3	JUM3		Silicon Carbide	& Coarse	00371
	JUM-4	JUM4	1½ x 2½ x 12	Silicon Carbide		00372



SMALL AXE STONE

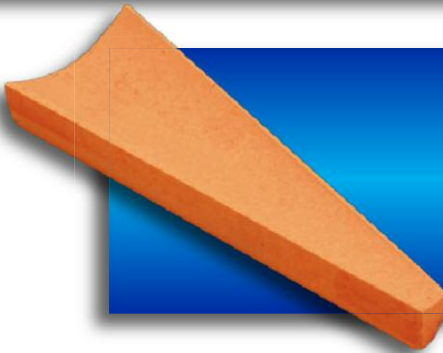
This combination fine and coarse grit axe stone is a great tool for sharpening an axe or hatchet. The smaller size makes it easy to take with you. Oil-Filled for lubrication.

Size	Part #	Norton #	UPC # 730006
3" Dia. x 5/8" thick	SJT-3	JT3	00465

LARGE AXE STONE

This combination fine and coarse grit axe stone is also a great tool for sharpening an axe or hatchet. The larger size and finger grooves make it the safest choice to sharpen any tool. Oil-Filled for lubrication.

Size	Part #	Norton #	UPC # 730006
4" Dia. x 1 1/2" thick	SB-74	JB74	00451



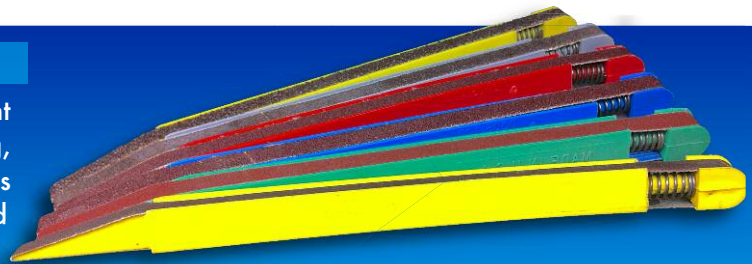
GOUGE SHARPENING STONE

A gouge stone is used for sharpening tools of the artist, craftsman, and wood worker. Designed for curved edge tools like chisels. Oil-Filled.

Size	Grit	Part #	Norton #	UPC # 730006
(3/8-1/2) x (1"-2") x 6	Fine	AFS-76	FS76	00133

FINISHING STICKS

These finishing sticks are color coded for instant identification of grit size. Used for finishing, sanding and deburring. Sold as individual tools with one belt installed. Replacement belts sold separately in packs of 10. Made in the USA.



1/4" Belt x 6" Stick			
Grit	Stick Color	Tool UPC #	Belts UPC #
40	Brown	02500	02510
80	Gray	02501	02511
120	Red	02502	02512
240	Blue	02503	02513
320	Green	02504	02514
400	Yellow	02505	02515
600	Black	02506	02516

1/2" Belt x 8" Stick			
Grit	Stick Color	Tool UPC #	Belts UPC #
40	Brown	02600	02610
80	Gray	02601	02611
120	Red	02602	02612
240	Blue	02603	02613
320	Green	02604	02614
400	Yellow	02605	02615
600	Black	02606	02616

3/4" Belt x 10" Stick			
Grit	Stick Color	Tool UPC #	Belts UPC #
40	Brown	02700	02710
80	Gray	02701	02711
120	Red	02702	02712
240	Blue	02703	02713
320	Green	02704	02714
400	Yellow	02705	02715
600	Black	02706	02716

Tool Room & Die Finishing Stones

SQUARE FILE STONES

Typical Applications:

- Dimensioning keyways
- Deburring
- Small space hand honing
- Router bit sharpening



Do you need Aluminum Oxide, Silicon Carbide or Hard Arkansas?

Aluminum Oxide - Oil filled

- Smooth Cutting for close tolerances & a long lasting edge.

Silicon Carbide - Oil filled

- Fast cutting and load resistant for mild tolerances.

Hard Arkansas - Natural

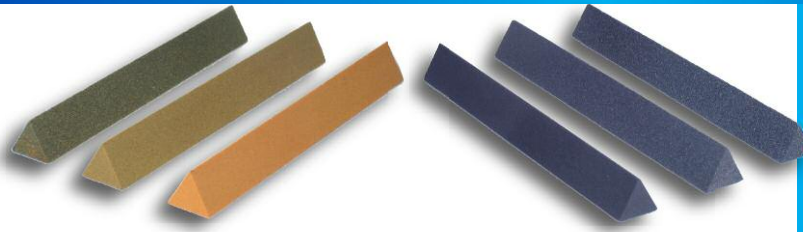
- Creates the ultimate razor sharp edge & near mirror finish.

9 SQUARE FILES

	Size	Abrasive Type	Grit Size	Part #	Norton #	UPC # 730006	Weight per std pkg	
Package Qty Broken = 1-4 Minimum = 5 Standard = 20* * 10 for Arkansas	1/4 Sq. x 4	Silicon Carbide	Fine	FSF-14	FJF14	00269	8 oz	
			Medium	MSF-14	MJF14	00384		
	Coarse		CSF-14	CJF14	00485			
	3/8 Sq. x 4	Aluminum Oxide	Fine	AFF-14	FF14	00081		1 1/4 lbs
			Medium	AMF-14	MF14	00148		
	Coarse		ACF-14	CF14	00011			
1/2 Sq. x 4	Silicon Carbide	Fine	FSF-34	FJF34	00272	2 1/2 lbs		
		Medium	MSF-34	MJF34	00387			
Coarse		CSF-34	CJF34	00223				
3/8 Sq. x 4	Aluminum Oxide	Fine	AFF-34	FF34	00084		2 1/2 lbs	
		Medium	AMF-34	MF34	00151			
Coarse		ACF-34	CF34	00014				
1/2 Sq. x 4	Silicon Carbide	Fine	FSF-44	FJF44	00274	3 lbs		
		Medium	MSF-44	MJF44	00389			
Coarse		CSF-44	CJF44	00225				
1/2 Sq. x 6	Aluminum Oxide	Fine	AFF-44	FF44	00086		3 lbs	
		Medium	AMF-44	MF44	00153			
Coarse		ACF-44	CF44	00016				
1/2 Sq. x 6	Silicon Carbide	Fine	FSF-46	FJF46	00275	3 lbs		
		Medium	MSF-46	MJF46	00390			
Coarse		CSF-46	CJF46	00226				
5/8 Sq. x 6	Aluminum Oxide	Fine	AFF-46	FF46	00087		4 5/8 lbs	
		Medium	AMF-46	MF46	00154			
Coarse		ACF-46	CF46	00017				
5/8 Sq. x 6	Silicon Carbide	Fine	FSF-56	FJF56	00276	4 5/8 lbs		
		Medium	MSF-56	MJF56	00391			
Coarse		CSF-56	CJF56	00227				
3/4 Sq. x 6	Aluminum Oxide	Fine	AFF-56	FF56	00088		6 1/4 lbs	
		Medium	AMF-56	MF56	00155			
Coarse		ACF-56	CF56	00018				
3/4 Sq. x 6	Silicon Carbide	Fine	FSF-66	FJF66	00277	6 1/4 lbs		
		Medium	MSF-66	MJF66	00392			
Coarse		CSF-66	CJF66	00228				
1" Sq. x 6	Aluminum Oxide	Fine	AFF-66	FF66	00089		11 1/2 lbs	
		Medium	AMF-66	MF66	00156			
Coarse		ACF-66	CF66	00019				
1" Sq. x 6	Silicon Carbide	Fine	FSF-76	FJF76	00278	11 1/2 lbs		
		Medium	MSF-76	MJF76	00393			
Coarse		CSF-76	CJF76	00229				
1" Sq. x 6	Aluminum Oxide	Fine	AFF-76	FF76	00090		11 1/2 lbs	
		Medium	AMF-76	MF76	00157			
Coarse		ACF-76	CF76	00020				
**Hard Arkansas is Ultra Fine does not have a grit rating	1/4 Sq. x 3-3 1/2	Hard Arkansas	**Ultra Fine	HAF-13	HF13	00326		4 oz
	3/8 Sq. x 3-3 1/2			HAF-33	HF33	00327		9 oz
	1/2 Sq. x 3-3 1/2			HAF-43	HF43	00328		14 oz



TRIANGLE FILE STONES



Typical Applications:
 Cleaning tap threads-
 Deburring-
 Small space hand honing-
 Chamfering and radiusing-

Do you need Aluminum Oxide, Silicon Carbide or Hard Arkansas?

Aluminum Oxide - Oil filled

- Smooth Cutting for close tolerances & a long lasting edge.

Silicon Carbide - Oil filled

- Fast cutting and load resistant for mild tolerances.

Hard Arkansas - Natural

- Creates the ultimate razor sharp edge & near mirror finish.

	Size	Abrasive Type	Grit Size	Part #	Norton #	UPC # 730006	Weight per std pkg	
Package Qty Broken = 1-4 Minimum = 5 Standard = 20* * 10 for Arkansas Grit Size Fine = 320 Grit Medium = 220 Grit Coarse = 120 Grit **Hard Arkansas is Ultra Fine does not have a grit rating	1/4 Tri. x 4	Silicon Carbide	Fine	FSF-114	FJF114	00279	5 oz	
			Medium	MSF-114	MJF114	00394		
			Fine	AFF-114	FF114	00091		
		Aluminum Oxide	Medium	AMF-114	MF114	00158		
			Coarse	ACF-114	CF114	00021		
			Fine	FSF-134	FJF134	00281		
	3/8 Tri. x 4	Silicon Carbide	Medium	MSF-134	MJF134	00395	10 oz	
			Fine	AFF-134	FF134	00092		
			Medium	AMF-134	MF134	00160		
		Aluminum Oxide	Coarse	ACF-134	CF134	00022		
			Fine	FSF-144	FJF144	00283		1 lb
			Medium	MSF-144	MJF144	00396		
Coarse	CSF-144	CJF144	00233					
1/2 Tri. x 4	Silicon Carbide	Fine	AFF-144	FF144	00094			
		Medium	AMF-144	MF144	00162			
		Coarse	ACF-144	CF144	00024			
1/2 Tri. x 6	Aluminum Oxide	Fine	AFF-146	FF146	00095	1½ lbs		
		Medium	AMF-146	MF146	00163			
		Coarse	ACF-146	CF146	00025			
5/8 Tri. x 6	Aluminum Oxide	Fine	AFF-156	FF156	00096	2½ lbs		
		Medium	AMF-156	MF156	00164			
3/4 Tri. x 6	Aluminum Oxide	Fine	AFF-166	FF166	00097	2¾ lbs		
		Medium	AMF-166	MF166	00165			
1" Tri. x 6	Aluminum Oxide	Fine	AFF-176	FF176	00098	3 lbs		
		Medium	AMF-176	MF176	00166			
		1/4 Tri. x 3-3½	Hard Arkansas	**Ultra Fine	HAF-113		HF113	00329
HAF-133	HF133			00330	5 oz			
HAF-143	HF143			00331	7 oz			

Don't forget sharpening oil to enhance the stone's performance (bottom pg3)



Tool Room & Die Finishing Stones

ROUND FILE STONES

Typical Applications:

- Dimensioning curves
- Deburring
- Small space hand honing
- Chamfering and radiusing



Do you need Aluminum Oxide, or Silicon Carbide?

Aluminum Oxide - Oil filled

- Smooth Cutting for close tolerances & a long lasting edge.

Silicon Carbide - Oil filled

- Fast cutting and load resistant for mild tolerances.

ROUND FILES

11

	Size	Abrasive Type	Grit Size	Part #	Norton #	UPC # 730006	Weight per std pkg
Package Qty Broken = 1-4 Minimum = 5 Standard = 20	1/4 Rnd x 4	Silicon Carbide	Fine	FSF-214	FJF214	00287	8 oz
			Medium	MSF-214	MJF214	00399	
		Aluminum Oxide	Fine	AFF-214	FF214	00099	
			Medium	AMF-214	MF214	00167	
			Coarse	ACF-214	CF214	00029	
Grit Size Fine = 320 Grit Medium = 220 Grit Coarse = 120 Grit	3/8 Rnd x 4	Silicon Carbide	Fine	FSF-234	FJF234	00288	13 oz
			Medium	MSF-234	MJF234	00401	
			Coarse	CSF-234	CJF234	00240	
		Aluminum Oxide	Fine	AFF-234	FF234	00100	
			Medium	AMF-234	MF234	00168	
Grit Size Fine = 320 Grit Medium = 220 Grit Coarse = 120 Grit	1/2 Rnd x 4	Silicon Carbide	Fine	FSF-244	FJF244	00290	1½ lbs
			Medium	MSF-244	MJF244	00403	
		Aluminum Oxide	Fine	AFF-244	FF244	00102	
			Medium	AMF-244	MF244	00170	
			Coarse	ACF-244	CF244	00032	
Grit Size Fine = 320 Grit Medium = 220 Grit Coarse = 120 Grit	3/8 Rnd x 6	Aluminum Oxide	Fine	AFF-236	FF236	00101	1¾ lbs
			Medium	AMF-236	MF236	00169	
	1/2 Rnd x 6	Silicon Carbide	Fine	FSF-246	FJF246	00291	2¾ lbs
			Medium	MSF-246	MJF246	00404	
	Aluminum Oxide	Fine	AFF-246	FF246	00103		
Medium		AMF-246	MF246	00171			
3/4 Rnd x 6	Aluminum Oxide	Fine	AFF-266	FF266	00105	4¾ lbs	
		Medium	AMF-266	MF266	00173		
		Coarse	ACF-266	CF266	00035		
1" Rnd x 6	Aluminum Oxide	Fine	AFF-276	FF276	00106	9¼ lbs	
		Medium	AMF-276	MF276	00174		



Don't forget sharpening oil to enhance the stone's performance (bottom pg3)

sales@hodie.com



800-222-5441

HALF ROUND FILE STONES

Typical Applications:
 Dimensioning curves-
 Deburring-
 Small space hand honing-
 Chamfering and radiusing-



Do you need Aluminum Oxide, or Silicon Carbide?

Aluminum Oxide - Oil filled
 • Smooth Cutting for close tolerances & a long lasting edge.

Silicon Carbide - Oil filled
 • Fast cutting and load resistant for mild tolerances.

	Size	Abrasive Type	Grit Size	Part #	Norton #	UPC # 730006	Weight per std pkg
Package Qty	1/4 H.R. x 4	Aluminum Oxide	Fine	AFF-314	FF314	00107	5 oz
			Medium	AMF-314	MF314	00175	
			Coarse	ACF-314	CF314	00037	
Broken = 1-4 Minimum = 5 Standard = 20	3/8 H.R. x 4	Silicon Carbide	Fine	FSF-334	FJF334	00296	8 oz
			Medium	MSF-334	MJF334	00410	
			Coarse	CSF-334	CJF344	00249	
		Aluminum Oxide	Fine	AFF-334	FF334	00109	
			Medium	AMF-334	MF334	00177	
			Coarse	ACF-334	CF334	00039	
Grit Size	1/2 H.R. x 4	Silicon Carbide	Fine	FSF-344	FJF344	00298	13 oz
			Medium	MSF-344	MJF344	00412	
			Coarse	CSF-344	CJF344	00251	
		Aluminum Oxide	Fine	AFF-344	FF344	00111	
			Medium	AMF-344	MF344	00178	
			Coarse	ACF-344	CF344	00041	
Medium = 220 Grit Coarse = 120 Grit	1/2 H.R. x 6	Silicon Carbide	Fine	FSF-346	FJF346	00299	1 1/4 lbs
			Medium	MSF-346	MJF346	00413	
		Aluminum Oxide	Fine	AFF-346	FF346	00112	
			Medium	AMF-346	MF346	00179	
3/4 H.R. x 6	Aluminum Oxide	Fine	AFF-366	FF366	00114	2 3/8 lbs	
		Medium	AMF-366	MF366	00181		
1" H.R. x 6	Aluminum Oxide	Fine	AFF-376	FF376	00115	4 3/8 lbs	
		Medium	AMF-376	MF376	00182		



*Aren't finding what your looking for?
 Call us and let us do the work for you.*



Don't forget sharpening oil to enhance the stone's performance (bottom pg3)



Tool Room & Die Finishing Stones

ROUND EDGE SLIP STONES

Typical Applications:

- Dimensioning curves
- Flat and round honing
- Honing Bead planers
- Chamfering and radiusing
- Tool and die applications



Do you need Aluminum Oxide, Silicon Carbide or Hard Arkansas?

Aluminum Oxide - Oil filled

- Smooth Cutting for close tolerances & a long lasting edge.

Silicon Carbide - Oil filled

- Fast cutting and load resistant for mild tolerances.

Hard Arkansas - Natural

- Creates the ultimate razor sharp edge & near mirror finish.

Round Edge Slip Stones

	Size	Abrasive Type	Grit Size	Part #	Norton #	UPC # 730006	Weight per std pkg
Package Qty	(1/8-3/8) x 1 1/2 x 4	Hard Arkansas	Ultra Fine	HAS-14	HS14	00347	1 3/8 lbs
	(1/8-3/8) x 2 x 3	Hard Arkansas	Ultra Fine	HAS-3	HS3	00344	1 1/2 lbs
	(3/16-1/2) x 2 x 4	Hard Arkansas	Ultra Fine	HAS-4	HS4	00345	2 1/2 lbs
	(3/16-1/2) x 2 x 4	Soft Arkansas	Extra Fine	SAS-4	SS4	00445	2 lbs
The above Arkansas stone sizes are approximate due to the natural stone quarry process							
Broken = 1-4 Minimum = 5 Standard = 10	(1/8-3/16) x 1 x 4	Silicon Carbide	Fine	FSS-10	FJS10	00306	1 lb
	(3/16-7/16) x 1 x 4	Silicon Carbide	Fine	FSS-14	FJS14	00307	1 3/8 lbs
		Aluminum Oxide	Fine	AFS-14	FS14	00128	
Grit Size	(1/16-1/4) x 1 3/4 x 4 1/2	Silicon Carbide	Medium	AMS-14	MS14	00196	1 3/4 lbs
			Fine	FSS-24	FJS24	00308	
			Coarse	CSS-24	CJS	00258	
	(1/8-3/8) x 1 3/4 x 4 1/2	Aluminum Oxide	Fine	AFS-24	FS24	00130	2 lbs
			Medium	AMS-24	MS24	00199	
			Coarse	ACS-24	CS24	00059	
Medium = 220 Grit	(1/8-3/8) x 1 3/4 x 4 1/2	Aluminum Oxide	Fine	AFS-34	FS34	00131	2 lbs
			Medium	AMS-34	MS34	00201	
			Coarse	ACS-34	CS34	00060	
Coarse = 120 Grit	(3/16-1/2) x 1 3/4 x 4 1/2	Silicon Carbide	Fine	FSS-44	FJS44	00311	2 1/2 lbs
			Medium	MSS-44	MJS44	00424	
			Coarse	CSS-44	CJS44	00259	
	(5/16-5/8) x 2 1/8 x 4 1/2	Aluminum Oxide	Fine	AFS-44	FS44	00132	3 1/4 lbs
			Medium	AMS-44	MS44	00203	
			Coarse	ACS-44	CS44	00061	
**Hard Arkansas is Ultra Fine does not have a grit rating	(3/32-5/16) x 1 x 5	Silicon Carbide	Medium	MSS-54	MJS54	00426	3 1/4 lbs
	(3/8-3/4) x 2 1/4 x 6	Aluminum Oxide	Fine	AFS-15	FS15	00129	1 3/8 lbs
Medium			AMS-15	MS15	00197		
	(3/8-3/4) x 2 1/4 x 6	Silicon Carbide	Fine	FSS-66	FJS66	00313	5 3/4 lbs
			Medium	MSS-66	MJS66	00427	



Tool Room & Die Finishing Stones

SPECIALTY SHAPE & SILVERSMITHS' STONES



Typical Applications:
 Silversmiths' Stones-
 Deburring-
 Small space hand honing-
 Chamfering and radiusing-

Do you need Aluminum Oxide, or Hard Arkansas?

Aluminum Oxide - Oil filled
 • Smooth Cutting for close tolerances & a long lasting edge.

Hard Arkansas - Natural
 • Creates the ultimate razor sharp edge & near mirror finish.

	Shape	Size	Grit Size	Part #	Norton #	UPC # 730006	Weight per std pkg
Package Qty Broken = 1-4 Minimum = 5 Standard = 20		1/16 x 1/2 x 4 Flat Rectangle	Fine	AFF-444	FF444	00120	7 oz
			Medium	AMF-444	MF444	00187	
		(1/8-1/4) x (1/4-1/2) x 4 Flat Double Taper	Fine	AFF-474	FF474	00123	12 oz
			Medium	AMF-464	MF464	00189	
		(1/8-1/4) x (1/4-1/2) x 4 Oval Double Taper	Fine	AFF-424	FF424	00117	6 oz
			Medium	AMF-644	MF644	00192	
		(1/4-1/2) x 4 Tapered Round	Fine	AFF-644	FF644	00125	15 oz
			Medium	AMF-644	MF644	00192	
		(1/4-1/2) x 4 Tapered Triangle	Medium	AMF-544	MF544	00191	10 oz
			Fine	AFT-134	FT134	00141	
Grit Size		3/16 x 9/16 x 4 Diamond	Fine	AFT-134	FT134	00141	10 oz
			Medium	AMT-134	MT-134	00212	
Fine = 320 Grit		5/16 Base x 3 Round Taper to Point	Fine	AFF-723	FF723	00126	7 oz
			Medium	AMF-723	MF723	00193	
Medium = 220 Grit		1/8 Back x 1 x 4 Knife Shape	Fine	AFF-724	FF724	00127	13 oz
			Medium	AMF-724	MF724	00194	
Coarse = 120 Grit		3/16 Back x 7/8 x 2-1/4	Coarse	ACF-724	CF724	00057	8 oz
			Medium	AMS-42	MS42	00202	
	3/16 x 3/4 x 3-1/2	Fine	AFT-123	FT123	00137	1 lb	
		Medium	AMS-42	MS42	00202		
	5/16 x 1 x 4-1/2 Reamer Shape	Fine	AFT-124	FT124	00138	2 3/4 lbs	
		Medium	AMT-124	MT124	00209		
	3/16 x 1 x 5 Reamer Shape	Fine	AFT-125	FT125	00139	1 7/8 lbs	
		Medium	AMT-125	MT125	00210		
	1/4 x 1 x 6	Medium	AMT-126	MT126	00211	3 lbs	
	4" Auger Bit Shape	Fine	AFT-10	FT10	00134	12 oz	

	Shape	Size	Part #	Norton #	UPC # 730006	Weight per std pkg
Hard Arkansas Ultra Fine		1/4 Rnd x 3-3 1/2	HAF-813	HF813	00332	5 oz
		3/16 x 1/2 x 3-3 1/2	HAF-823	HF823	00333	6 oz
		3/16 x 1/2 x 3-3 1/2	HAF-833	HF833	00334	6 oz
		1/4 x 1/2 x 3-3 1/2	HAF-843	HF843	00335	5 oz
		1/4 x 1/2 x 3-3 1/2	HAF-853	HF853	00336	6 oz
		1/4 to Point x 3-3 1/2	HAF-863	HF863	00337	3 oz
		1/4 back x 1 x 3-4	HAF-873	HF873	00338	7 oz
Package Qty Broken = 1-4 Minimum = 5 Standard = 10						



Finish is Everything



Polishing/Finishing Stones

Finish is everything. Don't let inferior product ruin your finish. Our stones are made in the USA with high quality abrasive. We expect the best, so should you.

It's as easy as 1, 2, 3



Choose the stone size:

Example: 1/4 x 1/2 x 6



Choose the type of stone:

Example: Mold Maker or M



Choose grit size:

Example: 320

You're Done: Example Stone Order:
1/4 x 1/2 x 6 M-320



Common Sizes:

1/4 x 1 x 6	1/16 x 1/4 x 6
3/8 x 3/8 x 6	1/16 x 1/2 x 6
1/2 x 1/2 x 6	1/8 x 1/4 x 6
1/2 x 1 x 6	1/8 x 1/2 x 6
3/4 x 3/4 x 6	1/4 x 1/4 x 6
1 x 1 x 6	1/4 x 1/2 x 6
1/4" Round x 6	3/16 x 1/2 x 6
3/8" Round x 6	1/4 x 3/4 x 6
1/2" Round x 6	1/8 x 1 x 6

These are only common sizes, other sizes are available upon request and all are non-stock, made per order.

Big Quantity Discounts:

Typically order in dozens but not limited to.

Quantity	-	Discount
1-11 Each	=	Net
1-4 Dozen	=	10% Off Net
5-9 Dozen	=	15% Off Net
10+ Dozen	=	30% Off Net



Don't see what you need? Just call us!

We offer many types and grits for many different applications too numerous to be named here.

Diemaker - "D"

These are our most popular finishers. They are medium hard bond, which provides a balanced breakdown of fast cutting and ability to hold shape. Made of aluminum oxide. Brown in color.

Common grits: 100, 150, 220, 320, 400, 500, 600

EDM - "EDM"

Specifically designed for removing EDM scale. These hard, cool cutting stones hold shape extremely well and cut fast. Made of premium aluminum oxide. Orange in color.

Common grits: 100, 120, 150, 180, 220, 320, 400, 600

General Polishing - "WT"

These treated stones are a medium bond, and wax treated for load resistance for general polishing. Great stone for many applications. Made of premium white aluminum oxide.

Common grits: 100, 150, 220, 320, 400, 500, 600, 800

Hard Polishing - "OT"

These treated stones are hard bond, lubricated (load resistant), and hold shape for detail work like ribs and slots. Made of premium white aluminum oxide. Off-white in color.

Common grits: 100, 150, 220, 320, 400, 500, 600

Ruby - "R"

These stones are soft bond for fast stock removal and cool cutting. They are very aggressive and non-loading which makes them great for softer metals. Made of premium aluminum oxide. Light pink in color.

Common grits: 46, 60, 80, 100, 150, 220

Mold Maker - "M"

These stones are medium bond, fast cutting, and non-loading for an even breakdown which conforms to the shape of work surface. Made of silicon carbide. Black or green in color.

Common grits: 150, 220, 320, 400, 500, 600

Hard Mold Maker - "HM"

These stones are a hard bond which holds shape and lasts longer than the standard moldmaker, yet still fast cutting for general polishing. Made of silicon carbide. Black or green in color.

Common grits: 150, 220, 320, 400, 500, 600

Resin Bond - "B"

These stones are very hard for fine detail work and producing a fine finish while maintaining their shape longer than most standard vitrified stones. Made of resin bond aluminum oxide. Brown in color.

Common grits: 120, 180, 220, 320, 400

Rough Out - "RO"

These medium hardness stones are very aggressive, used for heavy stock removal or removing deep grooves and scratches without loading. Made of aluminum oxide. Brown or blue in color.

Common grits: 80, 100, 120, 150

Super Fine - "SF"

These stones are soft bond and conform to the shape of the work surface for superfinishing applications. Soft hardness keeps them from loading. Made of calcined alumina. White in color.

Common grits: Only available in 1200

Rubber Abrasive

Flexible rubber sticks are excellent hand tools for cleaning electric motors and polishing metal surfaces, breaking edges, smoothing away high spots, removing rust, heat marks, tarnish and stains.



Available in Square, Round, Triangle, Rectangle and Bias-cut sticks. Hardness is available in Soft, Medium and Hard from 54 to 220 Grit. All are custom mfg.

Common Sizes:

other sizes available

TRIANGLE & ROUND	SQUARE	RECTANGLE		
3/8" Triangle x 4	1/4 x 1/4 x 4	1/4 x 1 x 4	3/8 x 3/4 x 5	1/2 x 3/4 x 6
1/2" Triangle x 4	3/8 x 3/8 x 4	1/2 x 3/4 x 4	5/8 x 1 x 5	3/8 x 1 x 6
3/8" Round x 4	1/2 x 1/2 x 4	1/8 x 1 x 5	1 x 2 x 5	1/2 x 1 x 6
1/2" Round x 4	1/2 x 1/2 x 6	3/8 x 1/2 x 5	1/4 x 1/2 x 6	1 x 2 x 6

Cotton Fiber Abrasive

Cotton fiber sticks are cool cutting and excellent hand tools for cleaning and polishing metal surfaces, breaking edges, smoothing away high spots, removing rust, heat marks, tarnish and stains.



Available in Square and Round sticks.

Hardness is available in Soft, Medium & Hard from 54 to 320 Grit.

STOCK COTTON FIBER STICKS

other sizes available

Size	Hardness	Grit	Abrasive Specification	UPC # 730006
1/2 x 1/2 x 6	Soft	120	A120-GFX	06807
		180	A180-GFX	06806
		320	A320-GFX	06811

BURR REMOVERS & BOAT STONES

BURR REMOVERS

For removing burrs on magnetic chucks or scouring a flat surface.



S&S Burr Breaker is economically priced and made in the USA by Sticks & Stones. We also carry the popular Pacific Blanchard and the Norton Burr Remover.

Size	Part #	Manufacture	Abrasive Type	Metal Use	UPC # 730006
1½ x 4 x 4	S&S Burr Breaker	Sticks & Stones	Silicon Carbide	All	03030
1½ x 4 x 6	S&S Burr Breaker 6				03029
1-1/2 x 4¾ x 6	Burr Buster - Gold	Pacific	Aluminum Oxide	Ferrous	00524
	Burr Buster - Green		Silicon Carbide	Non Ferrous	00521
1½ x 4¼ x 7¼	Burr Remover	Norton	Silicon Carbide	All	00540

BOAT STONES

Boat stones are used for breaking seams and edges on dies, machined parts or magnetic chucks. The shape makes it easy to hold and use. Available in a variety of specifications. A few stock items listed below.



Size	Abrasive Specification	Abrasive Type	UPC # 730006
1½ X 2½ X 9	38A60-IVBE	Aluminum Oxide	00523
	Dark Pink 46	Oxide	03032
	C80-HV	Silicon Carbide	03031
	C36-JV	Carbide	03009

MACHINE KNIFE STONE

This combination grit fine and coarse stone is used for sharpening paper, cloth, veneer knives while on machine. The finger groove provides protection of fingers and there is no need to remove knives from machine.

Size	Part #	Norton #	UPC # 730006
4" Dia. x 1½" thick	SB-74	JB74	00451



DRESSING STICKS & STONES

Typical Applications:

- For dressing, cleaning and truing vitrified bond, resin bond, diamond and CBN grinding wheels. Dressing wheels keeps them working efficiently and safely.



DRESSING STICKS FOR DIAMOND AND CBN WHEELS

TIP: Choose a grit size around the same grit size or finer than the abrasive wheel.

Size	Sticks & Stones Specification	Norton Specification	UPC # 730006
1/2 x 1/2 x 6	ALW150-IV	38A150-IVBE	00525
	ALW220-IV	38A220-IVBE	00527
3/4 x 3/4 x 4	ALW150-IV	38A150-IVBE	00526
	ALW220-IV	38A220-IVBE	00528
1 x 1 x 6	ALW150-IV	38A150-IVBE	00529
	ALW220-IV	38A220-IVBE	00530

We can make a variety of different specs, grits and sizes to dial in exactly what you need.



BORON CARBIDE DRESSING STICK

These hot pressed boron carbide sticks are for truing and dressing medium or soft vitrified grinding wheels. Boron Carbide is by far the hardest dressing stick you can buy.

Size	Part #	Norton #	UPC # 730006
3/16 x 1/2 x 3	B-1	Norbide Stick	00538

DRESSING STICKS FOR VITRIFIED WHEELS

Size	Stones Specification	Part # (If applicable)	UPC # 730006
1/2 x 1/2 x 6	C24-RV	n/a	00487
1/2" Round x 6		ST-246	00470
1 x 1 x 6	C24-RV	n/a	00489
1" Round x 6		ST-276	00471
1 x 1 x 8	C24-RV	n/a	00490
1 x 2 x 6		SHR-211	00502
1 x 2 x 8	C24-RV	SHR-222	00507
2 x 2 x 8		SHR-225	00508
1 x 1 x 6	C46-RV	n/a	00492
1 x 1 x 8		n/a	00493



RUBBING BRICK WITH HANDLE

Hand rubs with plastic handles make quick work of removing mold marks, rubbing down green concrete and are ideal for floor, overhead and wall work. Concrete workers and masons appreciate the handle.



Part #	Industry #	Norton #	Size	Grit	UPC # 730006	Weight per Stone
SHR-250	HR-250	235	1½ X 3½ X 8	Extra	00516	3½ lbs
SHR-252	HR-252	BFH6	1 X 3 X 6	Coarse	00517	1½ lbs



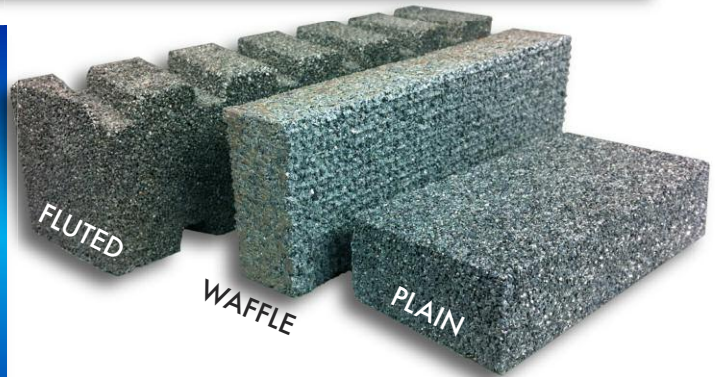
GRIDDLE BRICKS

For cleaning and scouring griddles and cooking plates. Faster, easier, cleaner and less expensive than other methods. Round edges for a comfortable grip.

Part #	Norton #	Size	Grit	UPC # 730006	Weight per Stone
AIT-4	IT4	2 x 3 x 4½	Medium	00142	1¼ lbs

RUBBING BRICKS

These rubbing bricks are available in 3 types:
PLAIN FACE - for dressing grinding wheels and cleaning and scouring castings.
WAFFLE FACE - can be used the same as plain face but has a more aggressive face pattern.
FLUTED FACE - used in concrete applications for rubbing down green concrete and removing mold marks.



Size	Face Type	Part #	Industry #	UPC # 730006	Weight per Stone
1 x 2 x 4	Plain	SHR-201	HR-201	00498	¾ lb
2 x 2 x 4	Plain	SHR-202	HR-202	00499	1½ lbs
1 x 2 x 6	Plain	SHR-211	HR-211	00502	1 lb
	Waffle	SHR-211W	n/a	00497	
2 x 2 x 6	Plain	SHR-213	HR-213	00503	2¼ lbs
	Fluted	SHR-241	HR-241	00512	2 lbs
1 x 2 x 8	Plain	SHR-222	HR-222	00507	1¾ lbs
	Waffle	SHR-222W	n/a	00496	
2 x 2 x 8	Plain	SHR-225	HR-225	00508	2¾ lbs
	Fluted	SHR-242	HR-242	00513	2½ lbs

LARGE ABRASIVE FILES

FLAT PLAIN CORE FILES

Flat core files are a resin bond silicon carbide abrasive in a very coarse grit to aggressively file sand cores and metal. Reinforcement of fiberglass in the center prevents breakage. They are custom made in any size desired.

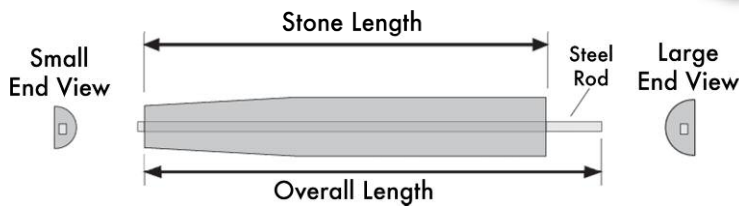
STANDARD SIZES:

1/8 x 1/2 x 8	1/4 x 1 x 9	1/2 x 1 x 9
1/8 x 1 x 9	1/4 x 1 x 12	1/2 x 1 x 12
1/8 x 1 x 12	1/4 x 2 x 12	1/2 x 2 x 12



HALF ROUND FOUNDRY CORE FILES

The versatile, tapered half-round shape allows them to be used as flat or round files. They are extremely coarse and do not dull like metal files, quickly shaping sand castings.



Overall Length	Abrasive Length	Part #	UPC # 730006
11"	8"	#26	02371
13"	10"	#27	02372

SCYTHE STONES

These stones produce a fast cutting edge quickly and are used for scythes, sickles and mowing machines.



Package Qty Broken = 1-4 Minimum = 5 Standard = 10	Part #	Norton #	Size	Abrasive Type	Grit	UPC # 730006	Weight per std pkg
	ATD-1	TD1	3/4 X 1 1/4 X 10	Aluminum Oxide	Coarse	00214	8 lbs
	TS-3	TJ3		Silicon Carbide		00481	

LARGE ABRASIVE FILES



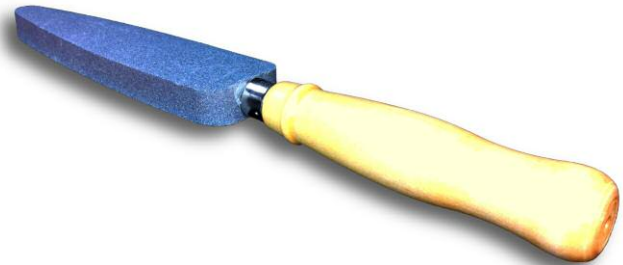
GENERAL PURPOSE FILE

This green silicon carbide file is the right size and shape for your home and garden tools. Flat and curved edges make it very versatile.

Package Qty Minimum = 1 Standard = 10	Part #	Norton #	Size	Grit	UPC # 730006	Weight per std pkg
	ST-911	JT911	1/2 x 1 3/8 x 9 1/2	Medium	00473	5 lbs

HOME & GARDEN SHARPENER FILE

This file is flat on one side, convex on the other, for versatility and use on all garden tools, such as mower blades, tree shears, and even axes.



Package Qty Broken = 1-4 Minimum = 5 Standard = 20	Part #	Norton #	Overall Length	Grit	UPC # 730006	Weight per std pkg
	SJT-8	JT8	10 1/2"	Medium	00466	10 lbs



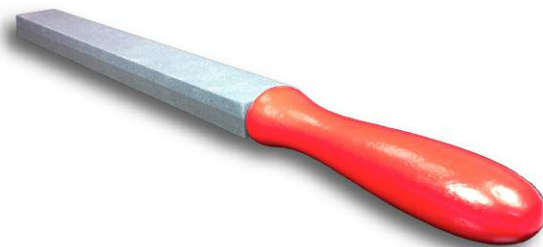
UTILITY FILES

These silicon carbide files are long and have a wedge shape for quick sharpening of edges like garden tool edges and will not dull like metal files.

Package Qty Broken = 1-4 Minimum = 5 Standard = 10	Part #	Norton #	Overall Length	Grit	UPC # 730006	Weight per std pkg
	SD-2	JD2	14"	Coarse	00454	12 1/2 lbs
	SD-3	JD3	14"	Coarse/ Fine	00455	

TRADESMEN' STONE

For sharpening of knives used in trimming leather, rubber, plastic and carpet. The combination grit allows for sharpening the dulllest blade to the finest edge.

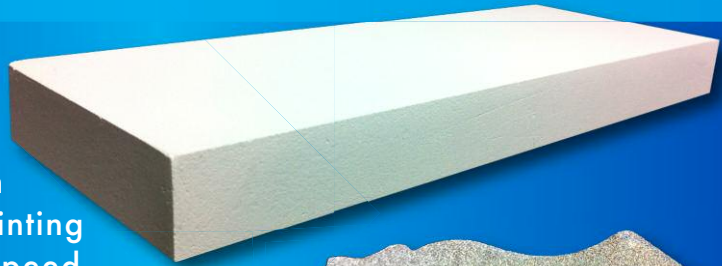


Package Qty Broken = 1-4 Minimum = 5 Standard = 10	Part #	Norton #	Overall Length	Grit	UPC # 730006	Weight per std pkg
	ST-930	JT930	15"	Coarse/ Fine	00475	9 lbs

CUSTOM JOINTER & PATTERN STONES

Typical Applications:

-Quickly restore, sharpen, and remove deposits caused from the wood cutting process and maintain the cutting edges of mechanical jointing devices, automatic planers, high speed steel knives and carbide knives.



Custom Made for You

We custom manufacture right here in the USA, jointer and pattern stones to strict tolerances for all applications. You can pick your exact specification of stone or we can recommend one for you. We can make almost any size,

abrasive type, grit size and hardness you need. Made to order just for you in large or small quantities. Standard lead times are an industry leading 1-3 weeks on most orders. We are one of the few companies that can make stones as fine as 1200 grit and we carry the widest selection of abrasive specifications to keep up to date with current machines and new technology.

Abrasive Types:

Jointer Stone Applications:

Premium Aluminum Oxide

White: Premium grain, cool cutting

Orange: Premium grain more durable bond

Blue: Premium grain, longest life and still cuts cool and fast

Pattern Stone Applications:

Silicon Carbide

Cuts fast and cool

Green: Premium Silicon Carbide

Black: Standard Silicon Carbide

Common Sizes:

Jointer Stone	Pattern Stone
1/4 x 3/4 x 4	3/4 x 2 x 6
5/16 x 3/4 x 4	3/4 x 2 x 8
3/8 x 3/4 x 4	.590 x 2 x 6
1/2 x 3/4 x 4	.590 x 2 1/4 x 6
3/4 x 3/4 x 4	.590 x 2 x 8
3/4 x 2 x 4	.590 x 2 1/4 x 8

We can also make large sizes such as:
3/4 x 3 x 8 OR 3/4 x 4 x 6
or GO BIG WITH THE NEW 3/4 x 3 x 13



Call or E-mail us and we'll help you with how to order



STOCK JOINTER STONES



Typical Applications:
 -Quickly restore, sharpen, and remove deposits caused from the wood cutting process and maintain the cutting edges of mechanical jointing devices, automatic planers, and carbide knives.

STOCK JOINTERS

Package Qty Broken = 1-4 Minimum = 5 Standard = 10	Size	Abrasive Type	Part #	Norton #	UPC # 730006	Weight per std pkg
	1/4 x 3/4 x 4	Silicon Carbide	SE-54	JE-54	00456	1 lb
		Aluminum Oxide	AE-54	IE-54	00071	
	5/16 x 3/4 x 4	Silicon Carbide	SE-64	JE-64	00457	1 lb
		Aluminum Oxide	AE-64	IE-64	00072	
	3/8 x 3/4 x 4	Silicon Carbide	SE-74	JE-74	00458	1½ lbs
Aluminum Oxide		AE-74	IE-74	00073		
1/2 x 3/4 x 4	Silicon Carbide	SE-84	JE-84	00459	1½ lbs	
	Aluminum Oxide	AE-84	IE-84	00074		
3/4 x 3/4 x 4	Silicon Carbide	SE-104	JE-104	00460	2½ lbs	
	Aluminum Oxide	AE-104	IE-104	00075		

Custom specs and sizes are our main business. Tell us what you need and we'll make it



POCKET STONES, POCKET JOINTERS & HAND HONES

Used for hand honing, sharpening and dressing carbide blades and edges.

Package Qty	Size	Abrasive Type	Grit	Part #	UPC # 730006	Weight per std pkg
Sold in Brackets	3/8 x 3/4 x 4	Premium Green Silicon Carbide	220	GSHH-13	00315	50 = 7½ lbs
			320	GSHH-14	00316	
			400	GSHH-15	00317	
	3/8 x 1 x 4	Silicon Carbide	320	C320-K8V32	03014	n/a
Min=1 Std=10	3/8 x 7/8 x 3	Silicon Carbide	Medium	SJP-13	00463	1¼ lbs
Broken = 1-4 Minimum = 5 Standard = 20	1/2 x 3/4 x 3½	Silicon Carbide	Fine	FST-63	00314	2 lbs
			Medium	MST-63	00428	
			Coarse	CST-63	00262	
		Set of F,M,C-63's	F, M, C	S-63	00434	6 lbs

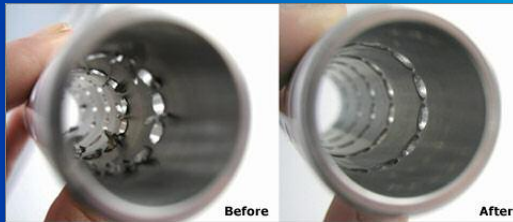


FLEX-HONE TOOLS

The Flex-Hone Tool is the perfect solution to many of your finishing, deburring, and edge-bending needs. Available in a wide variety of sizes, abrasives, and grits to meet your specific requirements. Commonly used on Brake Cylinders, Hydraulics, Valve Guides, Disc Brakes, Engine Block Cylinders and Gun Barrels.



Fit in any standard hand drill or drill press.



HONE OPTIONS:

SIZES:

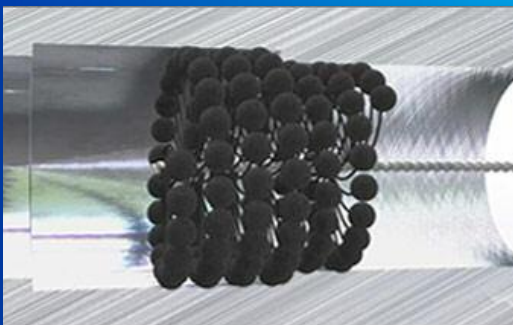
From 4mm to 36"
Stock most from 4mm - 3 1/2"

ABRASIVE TYPE:

Silicon Carbide (most common)
Aluminum Oxide
Boron Carbide
Tungsten Carbide
Levigated Alumina

GRIT SIZE:

180 Grit (by far most common)
Also common: 120, 240, 320
Available from 20-800 Grit



STOCK HONES 180 GRIT S/C

Size in Inches	Size in mm	Part #	UPC # 730006
.157	4	BC-4mm 180 S/C	02035
.197	5	BC-5mm 180 S/C	02045
.217	5.5	BC-5.5mm 180 S/C	02043
1/4	6.4	BC-1/4 180 S/C	02047
.276	7	BC-7mm 180 S/C	02048
.315	8	BC-8mm 180 S/C	02051
.354	9	BC-9mm 180 S/C	02049
3/8	9.5	BC-3/8 180 S/C	02050
.394	10	BC-10mm 180 S/C	02053
.433	11	BC-11mm 180 S/C	02044
.472	12	BC-12mm 180 S/C	02055
1/2	12.7	BC-1/2 180 S/C	02056
.552	14	BC-14mm 180 S/C	02054
5/8	16	BC-5/8 180 S/C	02062
.709	18	BC-18mm 180 S/C	02059
3/4	19	BC-3/4 180 S/C	02064
.787	20	BC-20mm 180 S/C	02060
7/8	22	BC-7/8 180 S/C	02066
1	25.4	BC-1 180 S/C	02070
1 1/8	29	BC-1 1/8 180 S/C	02077
1 1/4	31.8	BC-1 1/4 180 S/C	02080
1 3/8	35	BC-1 3/8 180 S/C	02082
1 1/2	38	BC-1 1/2 180 S/C	02084
1 5/8	41	BC-1 5/8 180 S/C	02088
1 3/4	45	BC-1 3/4 180 S/C	02086
2	51	BC-2 180 S/C	02090
2 1/4	57	BC-2 1/4 180 S/C	02073
2 1/2	64	BC-2 1/2 180 S/C	02098
2 3/4	70	BC-2 3/4 180 S/C	02100
3	76	BC-3 180 S/C	02102



These Portable Deglazer Hone Tools are great for use in brake and cylinder work, glaze breaking and deburring, bore finishing, hydraulic cylinders, engine cylinders and any I.D. pipe or tubing which requires a honed finish. Includes a flexible shaft, adjustable cutting tension, and easy to replace stones. Custom stones available. Fit in any standard hand drill or drill press.

S&S-JUNIOR		Bore Size:	
THREE ARM HONE		3/4" to 2 1/2"	
Hone Tool	Part #	Grit Size	UPC # 730006
Hone Tool	S&S JUNIOR	Medium Installed	02000
Standard Replacement 1 1/8" Long Stones	S&S-1-1/8-F	Fine	02018
	S&S-1-1/8-M	Medium	02019
	S&S-1-1/8-C	Coarse	02020
Optional Replacement 3/4" Long Stones	S&S-3/4-F	Fine	02024
	S&S-3/4-M	Medium	02025
	S&S-3/4-C	Coarse	02026

Bore Size:		S&S-MINI	
1/2" to 2 1/4"		TWO ARM HONE	
Hone Tool	Part #	Grit Size	UPC # 730006
Hone Tool	S&S MINI	Medium Installed	02001
Replacement 1 1/8" Long Stones	S&S-MINI-F	Fine	02027
	S&S-MINI-M	Medium	02028

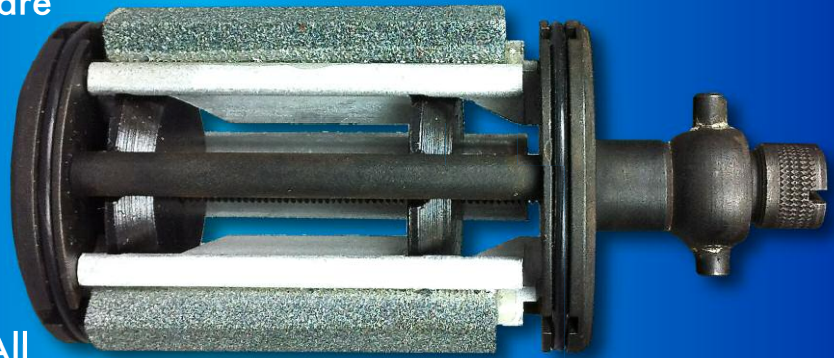
Bore Size:		S&S-MIDDIE	
1 1/4" to 3 1/2"		THREE ARM HONE	
Hone Tool	Part #	Grit Size	UPC # 730006
Hone Tool	S&S MIDDIE	Medium Installed	02003
Standard Replacement 2" Long Stones	S&S-2-F	Fine	02021
	S&S-2-M	Medium	02022
	S&S-2-C	Coarse	02023
Optional Replacement 1 1/8" Long Stones	S&S-1-1/8-F	Fine	02018
	S&S-1-1/8-M	Medium	02019
	S&S-1-1/8-C	Coarse	02020

S&S-JUMBO		Bore Size:	
THREE ARM HONE		2" to 7"	
Hone Tool	Part #	Grit Size	UPC # 730006
Hone Tool	S&S JUMBO-3	Medium 3" Stone	02006
	S&S JUMBO-4	Medium 4" Stone	1999
Jumbo-3 Replacement 3" Long Stones	S&S-3-F	Fine	02012
	S&S-3-M	Medium	02013
	S&S-3-C	Coarse	02014
Jumbo-4 Replacement 4" Long Stones	S&S-4-F	Fine	02015
	S&S-4-M	Medium	02016
	S&S-4-C	Coarse	02017

Bore Size:		S&S-MAXI JUMBO	
6" to 10"		THREE ARM HONE	
Hone Tool	Part #	Grit Size	UPC # 730006
Hone Tool	S&S MAXI JUMBO	Medium Installed	02005
Standard Replacement 4" Long Stones	S&S-4-F	Fine	02015
	S&S-4-M	Medium	02016
	S&S-4-C	Coarse	02017

ASI SMALL PORTABLE HONE KITS

The ASI Portable Hone Kits are great for a wide variety of honing applications from 1/2" to 3" bore. Made durable right here in the USA. These kits are easy to use and allow precision adjustment and reliability. All kits come with everything you need to hone right out of the box. Stones are easily replaced.



Bore Size:
1/2" to 3"

Fits in any standard hand drill or drill press.

Bore Size: 1/2" to 3/4"	ASI-A KIT		
	Part #	Range	UPC # 730006
Hone Kit	ASI-A KIT	1/2" - 3/4"	01949
Replacement Stones	ASI-A1A	1/2" - 5/8"	n/a
	ASI-A2A	5/8" - 3/4"	n/a

Bore Size: 3/4" to 1 1/4"	ASI-B KIT		
	Part #	Range	UPC # 730006
Hone Kit	ASI-B KIT	3/4" - 1 1/4"	01950
Replacement Stones	ASI-A1B	3/4" - 1"	01911
	ASI-A2B	1" - 1 1/4"	01912

Bore Size: 1" to 2"	ASI-C KIT		
	Part #	Range	UPC # 730006
Hone Kit	ASI-C KIT	1" - 2"	01951
Replacement Stones	ASI-A1CD	1" - 1 1/4"	01913
	ASI-A2CD	1 1/4" - 1 1/2"	01914
	ASI-A3CD	1 1/2" - 1 3/4"	01915
	ASI-A4CD	1 3/4" - 2"	01916

Bore Size: 1 1/2" to 2 1/2" Expandable to 3"	ASI-D KIT		
	Part #	Range	UPC # 730006
Hone Kit	ASI-D KIT	1 1/2" - 2 1/2"	01952
Replacement Stones	ASI-A1CD	1 1/2" - 1 3/4"	01913
	ASI-A2CD	1 3/4" - 2"	01914
	ASI-A3CD	2" - 2 1/4"	01915
	ASI-A4CD	2 1/4" - 2 1/2"	01916
Expand kit to 3" with these two sets	*ASI-A5CD	2 1/2" - 2 3/4"	01917
	*ASI-A6CD	2 3/4" - 3"	01918

* not standard in ASI-D Kit but available seperately

Replacement Stone Set



General Kit Information:

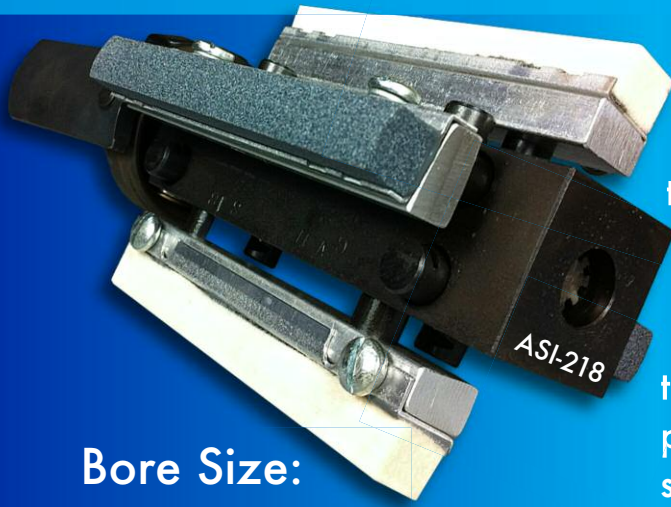
All kits come with everything you need to hone that range bore. Replacements are available separately. Order replacement stone sets by size bore you need to hone relative to kit purchased. Call for help.

Bore Size: 3/4" to 2 1/2" Expandable to 3"	ASI-BCD KIT		
	Part #	Range	UPC # 730006
Hone Kit	ASI-BCD KIT	3/4" - 2 1/2"	01953

LARGEST RANGE & most popular kit. Includes B, C, and D kit all in one, for a great price. Expands to 3" with ASI-A5CD & ASI-A6CD.



ASI LARGE PORTABLE HONE KITS



Bore Size:
3" to 21"

The ASI Heavy Duty Portable Hone Kits are great for a wide variety of honing applications from 3" to 21" bore. Made right here in the USA. These kits are strong, easy to use and allow precision adjustment. All kits come with everything you need to hone right out the box and are expandable. We stock a variety of stone sets that are easily replaced.

Fits in any 1/2" or larger chuck hand drill or drill press.

Bore Size:
3" to 5"
Expandable

Our most popular kit includes everything you need to get started. Accessories are on the following page.

ASI-218 KIT

Contents:

- Honing body with yoke and pinion shaft
- One set of ASI-400 stone holders (installed)
- One set of honing stones - ASI-5 220 grit

Part #	UPC #
ASI-218 KIT	730006 01954

Bore Size:
3" to 6 1/2"
Expandable

Easily expandable to 9" by adding a stone holder ASI-600 and a holder support box ASI-A62. Accessories are on the following page.

ASI-E KIT

Contents:

- Honing body with yoke and pinion shaft
- Two stone holder sets (ASI-400 and ASI-500)
- Six sets of honing stones - 2 sets ASI-1 80 grit, 2 sets ASI-2 150 grit, 2 sets ASI-5 220 grit
- Metal storage box

Part #	UPC #
ASI-E KIT	730006 01956

Bore Size:
3" to 15"
Expandable to 21"

Easily expandable to 21" by adding stone holders and box supports. Above 15" we recommend double stone master holders only. Accessories are on the following page.

ASI-F KIT

Contents:

- Honing body with yoke and pinion shaft
- Five stone holder sets (ASI-400 to ASI-800)
- Three holder support boxes (ASI-A62 to ASI-A92)
- Six sets of honing stones - 2 sets ASI-1 80 grit, 2 sets ASI-2 150 grit, 2 sets ASI-5 220 grit
- Metal storage box

Part #	UPC #
ASI-F KIT	730006 01956

Honing Oil available in 5 gallon pails or 55 gallon drums

Accessories for these items, including expanding kits' hone size, are on following page



Expanding Your Kit's Bore Range is as easy as 1, 2, 3

① Choose Bore Size:		② Match Master Holders: Single OR Double				③ Box Support: (if needed)	
Bore Size:	Single Stone Master Holder	UPC # 730006	Double Stone Master Holder	UPC # 730006	Box Support	UPC # 730006	
3" to 4¾"	ASI-400	01922	Not Available		Not Needed for Bore Size		
3¾" to 6½"	ASI-500	01923	Not Available		Not Needed for Bore Size		
6" to 9"	ASI-600	01924	ASI-568	01932	ASI-A62	01940	
8" to 12"	ASI-700	01925	ASI-578	01933	ASI-A82	01941	
11" to 15"	ASI-800*	01926	ASI-588	01934	ASI-A92	01942	
14" to 18"	ASI-900*	01927	ASI-598	01935	ASI-A43	01943	
17" to 21"	ASI-140*	non-stock	ASI-541	non-stock	ASI-A54	non-stock	

* Recommend Double Stone Master Holder only for above 15" bore.

Replacement Stone Sets



Available in:	For Use On Material	Grit Size	2 Stone / 2 Felts	UPC # 730006	4 Stones Only Set	UPC # 730006
2 Stones with 2 Felt Wipers -OR- 4 Stones Only Set	Cast Iron	Coarse C80	ASI-1	01976	ASI-1S	01981
		Medium C150	ASI-2	01977	ASI-2S	01982
		Medium-Fine C220	ASI-5	01978	ASI-5S	01983
		Fine C280	ASI-3	01979	ASI-3S	01984
		Extra Fine C400	ASI-4	01980	ASI-4S	01985
All Metals		Super Fine C600	ASI-6	non-stock	ASI-6S	non-stock
		Hardened Steel Sleeves	Coarse A80	ASI-7	non-stock	ASI-7S
Medium A150	ASI-8		ASI-8S			
Medium-Fine A220	ASI-9		ASI-9S			
Fine A280	ASI-10		ASI-10S			
Steel		Coarse A80	ASI-11	non-stock	ASI-11S	non-stock
		Medium A150	ASI-12		ASI-12S	
		Medium-Fine A220	ASI-13		ASI-13S	
		Fine A280	ASI-14		ASI-14S	

Important:

- Single master holders require one set.
- Double master holders require two sets.





For Superior Type Machine Hones

The Superior Type Two Stone Mandrel has several advantages over Sunnen type hones:

- Instant setup without tools
- Huge abrasives in contact with bore
- Easily hones keymaps or ports
- No loose parts to wear out or lose

Bore Size:
3/16" to 3"

We can easily convert your Sunnen hone or drill press to a larger two stone type

- T-1000 converts Sunnen
- MD-1 converts drill press

Bore Diameter		"A" Series Regular		"B" Series Long	
Size	Range	Mandrel Number	Honing Length	Mandrel Number	Honing Length
3/16"	.177 - .209	A-3-3	4"	B-3-3	5"
7/32"	.209 - .240	A-3-4	4"	B-3-4	5"
1/4"	.240 - .302	A-4-3	3 1/4"	B-4-6	4 1/4"
5/16"	.302 - .365	A-5-5	4"	B-5-8	4 3/4"
3/8"	.365 - .427	A-6-7	5"	B-6-10	6 1/4"
7/16"	.427 - .490	A-7-7	5"	B-7-10	6 1/4"
1/2"	.490 - .552	A-8-9	5 3/4"	B-8-11	7"
9/16"	.552 - .615	A-9-9	5 3/4"	B-9-14	7"
5/8"	.615 - .677	A-10-10	6"	B-10-16	7 5/8"
11/16"	.677 - .740	A-11-10	6"	B-11-16	7 5/8"
3/4"	.740 - .865	A-12-12	6 5/8"	B-12-24	
7/8"	.865 - .990	A-14-14	7 1/8"	B-14-24	9-5/8"
1"	.990 - 1.115	A-16-16	7 5/8"	B-16-24	
1 1/8"	1.115 - 1.240	A-18-16		B-18-24	
1 1/4"	1.240 - 1.365	A-20-16		B-20-24	
1 3/8"	1.365 - 1.490	A-22-16		B-22-24	
1 1/2"	1.490 - 1.615	A-24-16	7 5/8"	B-24-24	9 5/8"
1 5/8"	1.615 - 1.740	A-26-16		B-26-24	
1 3/4"	1.740 - 1.865	A-28-16		B-28-24	
1 7/8"	1.865 - 1.990	A-30-16		B-30-24	
2"	1.990 - 2.115	A-32-16		B-32-24	
2 1/8"	2.115 - 2.240	A-34-16		B-34-24	
2 1/4"	2.240 - 2.365	A-36-16		B-36-24	
2 3/8"	2.365 - 2.490	A-38-16		B-38-24	
2 1/2"	2.490 - 2.615	A-40-16	7 5/8"	B-40-24	9 5/8"
2 5/8"	2.615 - 2.740	A-42-16		B-42-24	
2 3/4"	2.740 - 2.865	A-44-16		B-44-24	
2 7/8"	2.865 - 2.990	A-46-16		B-46-24	
3"	2.990 - 3.115	A-48-16		B-48-24	

How to Order:

For Mandrels: Choose bore size & desired honing length
Ex: 1" bore / regular = A-16-16

For Stone Sets: Just add grit size to "mandrel number".
Ex: 220 grit/ 1" = A-16-16-220

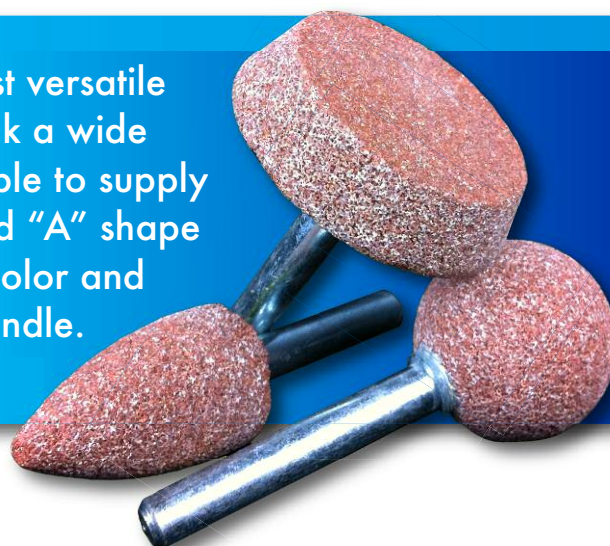
"C" Series Extra Long		"DM" Series Short	
Mandrel Number	Honing Length	Mandrel Number	Honing Length
C-12-24		DM-12-8	5 3/8"
C-14-24	12"	DM-14-8	6 1/8"
C-16-24		DM-16-8	
C-18-24		DM-18-8	
C-20-24		DM-20-8	
C-22-24		DM-22-8	
C-24-24	12"	DM-24-8	6 1/8"
C-26-24		DM-26-8	
C-28-24		DM-28-8	
C-30-24		DM-30-8	
C-32-24		DM-32-8	
C-34-24		DM-34-8	
C-36-24		DM-36-8	
C-38-24		DM-38-8	
C-40-24	12"	DM-40-8	6 1/8"
C-42-24		DM-42-8	
C-44-24		DM-44-8	
C-46-24		DM-46-8	
C-48-24		DM-48-8	



"A" SHAPES

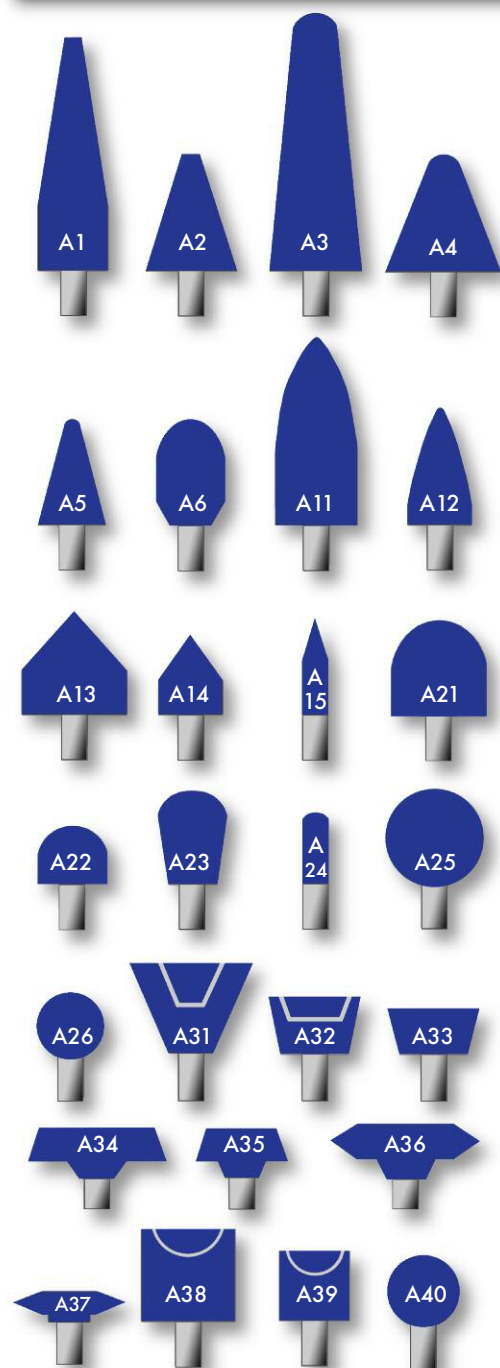
Mounted points remain one of the most versatile abrasive tools on the market. We stock a wide selection of mounted points and are able to supply special items quickly as well. Standard "A" shape mounted points are an orange-red in color and have an 1/8" or 1/4" dia. x 1 1/2" long spindle.

Made in the USA



MOUNTED POINTS

31



"A" SHAPE

Shape	Abrasive Dia. x Length		UPC # 730006	Max *RPM	Spindle	Grit Size
A1	3/4"	2 1/2"	04001	19,800	1/4"	Medium Grit
A2	1"	1 1/4"	04005	38,200		
A3	1"	2 3/4"	04007	16,100		
A4	1 1/4"	1 1/4"	04011	30,560		
A5	3/4"	1 1/8"	04016	45,000		
A6	3/4"	1 1/8"	04020	39,000		
A11	7/8"	2"	04026	19,860		
A12	1 1/16"	1 1/4"	04031	48,000		
A13	1 1/8"	1 1/8"	04035	33,950		
A14	1 1/16"	7/8"	04037	55,560		
A15	1/4"	1 1/16"	04040	72,750		
A21	1"	1"	04043	34,500		
A22	3/4"	5/8"	04045	50,930		
A23	3/4"	1"	04047	39,370		
A24	1/4"	3/4"	04050	76,500		
A25	1"	n/a	04053	35,620		
A26	5/8"	n/a	04055	61,120		
A31	1 3/8"	1"	04060	27,780		
A32	1"	5/8"	04063	38,200		
A33	1"	1/2"	04065	38,200		
A34	1 1/2"	3/8"	04067	25,470		
A35	1"	3/8"	04070	38,200		
A36	1 5/8"	3/8"	04073	23,520		
A37	1 1/4"	1/4"	04075	30,560		
A38	1"	1"	04077	34,500		
A39	3/4"	3/4"	04080	47,250		
A40	3/4"	n/a	04083	47,250		

* Maximum Operating speed based on 1/2" overhang



"B" SHAPES



Standard "B" shape mounted points are an orange-red in color and have an 1/8" or 1/4" dia. x 1 1/2" long spindle. Other grit sizes are available.

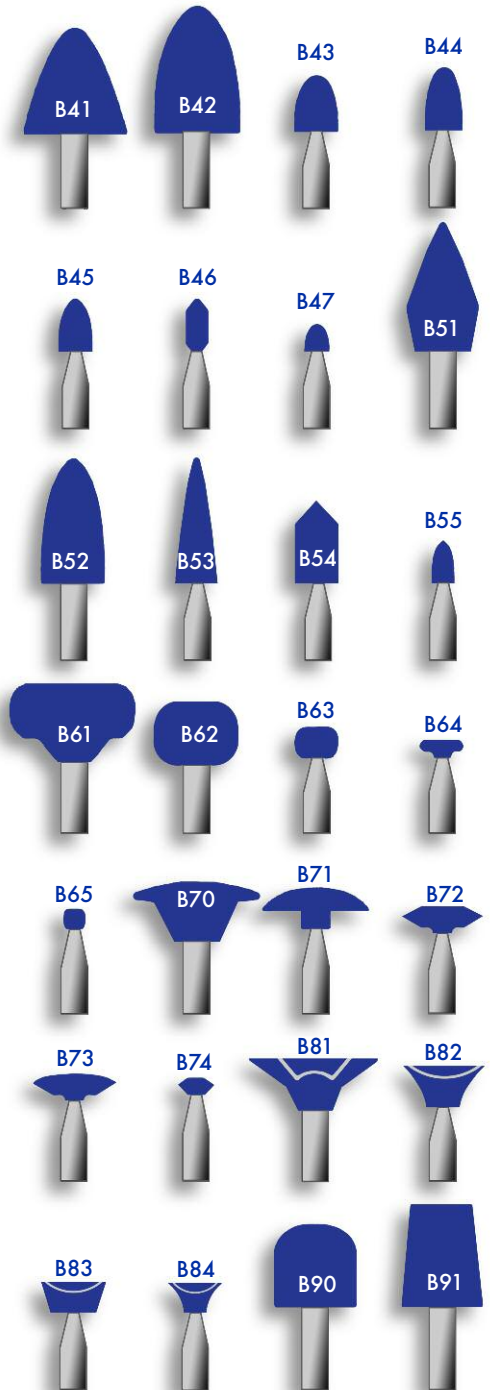
"B" shapes continued on next page

Made in the USA

"B" SHAPE

Shape	Abrasive Dia. x Length		Spindle	UPC # 730006	Max *RPM	Grit Size	
B41	5/8"	5/8"	1/8"	04100	33,750	Medium Grit	
			1/4"	04101	61,120		
B42	1/2"	3/4"	1/8"	04105	33,750		
			1/4"	04106	61,120		
B43	1/4"	5/16"	1/8"	04110	81,370		
B44	7/32"	3/8"		04113	68,400		
B45	3/16"	5/16"		04115	104,250		
B46	1/8"	5/16"		04117	105,000		
B47	1/8"	5/32"		04120	105,000		
B51	7/16"	3/4"		04125	45,370		
B52	3/8"	3/4"		1/8"	04128		45,370
				1/4"	04127		81,000
B53	5/16"	5/8"		1/8"	04140		60,000
B54	1/4"	1/2"			04150		60,000
B55	1/8"	1/4"	04155		105,000		
B61	3/4"	5/16"	1/8"		04157		38,250
			1/4"		04158		50,930
B62	1/2"	3/8"	1/8"	04160	41,020		
B63	1/4"	3/16"		04162	92,400		
B64	1/4"	1/16"		04164	105,000		
B65	1/8"	1/8"		04166	105,000		
B70	3/4"	1/8"		04168	50,930		
B71	5/8"	3/32"		04170	61,120		
B72	1/2"	1/8"		04172	73,500		
B73	1/2"	3/32"		04174	73,500		
B74	7/32"	3/32"		04176	105,000		
B81	3/4"	3/16"		04178	50,930		
B82	1/2"	1/4"	04180	76,390			
B83	3/8"	3/16"	04182	87,600			
B84	5/16"	3/16"	04184	105,000			
B90	1/2"	1/2"	1/8"	04186	34,500		
				04188	34,500		
B91	1/2"	5/8"		04189	61,500		

*Maximum Operating speed based on 1/2" overhang



"B" SHAPES - CONTINUED

Standard "B" shape mounted points are an orange-red in color and have an 1/8" or 1/4" dia. x 1 1/2" long spindle. Other grit sizes are available.

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"B" SHAPE - CONTINUED

Shape	Abrasive Dia. x Length		Spindle	UPC # 730006	Max *RPM	Grit Size	
B92	1/4"	1/4"	1/8"	04192	81,370	Medium Grit	
B93	3/16"	3/16"		04194	105,000		
B94	1/64"	3/32"		04196	105,000		
B95	1/8"	3/16"		04198	105,000		
B96	1/8"	1/4"		04201	105,000		
B97	1/8"	3/8"		04205	105,000		
B98	3/32"	1/4"		04207	105,000		
B101	5/8"	1 1/16"		1/8"	04210		33,750
				1/4"	04211		61,120
B102	5/8"	1/2"	1/8"	04215	45,370		
B103	5/8"	3/16"		04217	61,120		
B104	5/16"	3/8"		04220	68,400		
B105	1/4"	1/4"		04222	104,250		
B106	1/8"	7/64"		04224	105,000		
B111	7/16"	1 1/16"	1/8"	04226	33,750		
			1/4"	04227	66,000		
B112	3/8"	1/2"	1/8"	04230	45,370		
B113	1/4"	1/4"		04232	81,370		
B114	7/32"	3/8"		04234	68,400		
B115	3/32"	1/8"		04236	105,000		
B121	1/2"	n/a		1/8"	04240	45,370	
B122	3/8"	n/a	1/4"	04241	76,390		
			1/8"	04245	61,650		
B123	3/16"	n/a	1/8"	04250	104,250		
B124	1/8"	n/a		04255	105,000		
B131	1/2"	1/2"	1/8"	04258	34,500		
			1/4"	04259	61,500		
B132	3/8"	1/2"	1/8"	04263	45,370		
B133	3/8"	3/8"		04265	54,000		
B134	5/16"	3/8"		04267	61,650		
B135	1/4"	1/2"		04269	60,000		
B136	1/4"	5/16"		04275	77,250		

* Maximum Operating speed based on 1/2" overhang



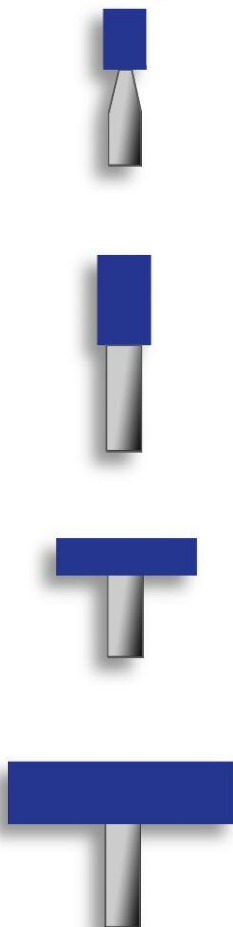
Standard "W" shape mounted points are an orange-red in color and have an 1/8" or 1/4" dia. x 1 1/2" long spindle and 3/8" x 2" long spindle. Other grit sizes are available.

Made in the USA

"W" shapes continued on next page



"W" Shapes



"W" SHAPE

Shape	Abrasive Dia. x Length	Spindle	UPC # 730006	Max *RPM	Grit Size
W141	3/32" x 5/32"	1/8"	04300	105,000	Medium Grit
W142	3/32" x 1/4"		04304	105,000	
W143	1/8" x 1/8"	1/8"	04306	105,000	
W144	1/8" x 1/4"		04310	105,000	
W145	1/8" x 3/8"		04313	105,000	
W146	1/8" x 1/2"	1/8"	04317	105,000	
W149	5/32" x 1/4"		04320	105,000	
W151	3/16" x 1/8"	1/8"	04322	105,000	
W152	3/16" x 1/4"		04325	105,000	
W153	3/16" x 3/8"		04327	80,850	
W154	3/16" x 1/2"	1/8"	04330	70,500	
W157	1/4" x 1/16"		04332	123,000	
W158	1/4" x 1/8"		04335	105,000	
W159	1/4" x 3/16"		04337	92,400	
W160	1/4" x 1/4"		04340	81,370	
W161	1/4" x 5/16"		04343	77,250	
W162	1/4" x 3/8"		04345	68,400	
W163	1/4" x 1/2"	1/8"	04347	60,000	
W164	1/4" x 3/4"		04350	45,900	
W165	5/16" x 1/16"		04352	107,400	
W166	5/16" x 1/8"		04355	96,970	
W167	5/16" x 1/4"	1/8"	04357	75,000	
W168	5/16" x 5/16"		04360	68,400	
W169	5/16" x 3/8"		04363	61,650	
W170	5/16" x 1/2"	1/8"	04365	52,500	
W171	5/16" x 3/4"		04367	37,120	
W172	3/8" x 1/16"		04370	99,370	
W173	3/8" x 1/8"		04373	87,600	
W174	3/8" x 1/4"		04375	69,000	
W175	3/8" x 3/8"		04377	54,000	
W176	3/8" x 1/2"		04380	45,370	
W177	3/8" x 3/4"	04383	33,750		
W178	3/8" x 1"	04385	26,250		
W179	3/8" x 1 1/4"	04387	18,750		

* Maximum Operating speed based on 1/2" overhang



"W" SHAPES - CONTINUED

Standard "W" shape mounted points are an orange-red in color and have an 1/8" or 1/4" dia. x 1 1/2" long spindle and 3/8" x 2" long spindle. Other grit sizes are available.

"W" shapes continued on next page

Made in the USA

"W" SHAPE - CONTINUED

Shape	Abrasive Dia. x Length		Spindle	UPC # 730006	Max *RPM	Grit Size
W181	1/2"	1/16"	1/8"	04390	73,390	Medium Grit
W182	1/2"	1/8"		04393	73,500	
W183	1/2"	1/4"		04395	51,750	
W184	1/2"	3/8"		04397	41,020	
W185	1/2"	1/2"	1/8"	04400	34,500	
			1/4"	04401	61,500	
W186	1/2"	3/4"	1/8"	04406	26,250	
			1/4"	04407	51,000	
W187	1/2"	1"	1/8"	04410	20,620	
W188	1/2"	1 1/2"	1/4"	04412	30,370	
W189	1/2"	2"	1/4"	04415	24,000	
W190	5/8"	1/16"	1/8"	04417	61,120	
W191	5/8"	1/8"		04420	58,870	
W192	5/8"	1/4"		04423	43,120	
W193	5/8"	3/8"		04425	32,250	
W194	5/8"	1/2"	1/8"	04427	29,400	
			1/4"	04428	56,400	
W195	5/8"	3/4"	1/8"	04430	22,120	
W196	5/8"	1"	1/4"	04433	35,250	
W197	5/8"	2"	1/4"	04435	21,000	
W198	5/8"	2 1/2"	1/4"	04437	16,500	
W199	3/4"	1/16"	1/8"	04440	50,930	
W200	3/4"	1/8"		04443	50,930	
W201	3/4"	1/4"		04447	38,250	
W202	3/4"	3/8"		04450	30,600	
W203	3/4"	1/2"	1/8"	04453	25,500	
			1/4"	04454	50,930	
W204	3/4"	3/4"	1/4"	04457	18,900	
W205	3/4"	1"		04460	34,500	
W206	3/4"	1 1/4"		04463	28,720	
W207	3/4"	1 1/2"		04465	24,000	
W208	3/4"	2"		04467	18,750	
W209	3/4"	2 1/2"		04469	15,000	



"W" Shapes



* Maximum Operating speed based on 1/2" overhang

“W” SHAPES - CONTINUED

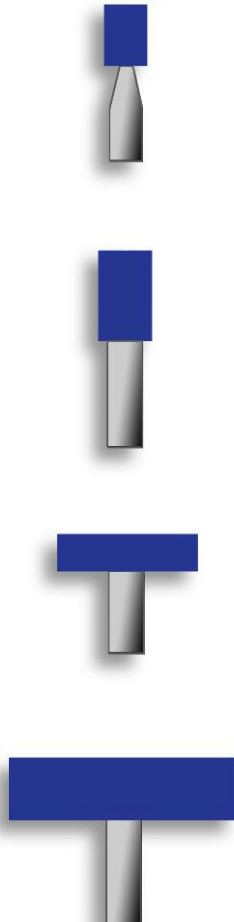
Standard “W” shape mounted points are an orange-red in color and have an 1/8” or 1/4” dia. x 1 1/2” long spindle and 3/8” x 2” long spindle.

Made in the USA

Other grit sizes are available.



“W” Shapes



“W” SHAPE - CONTINUED

Shape	Abrasive Dia. x Length		Spindle	UPC # 730006	Max *RPM	Grit Size	
W210	7/8"	1/16"	1/8"	04472	43,650	Medium Grit	
W211	7/8"	1/8"		04475	43,650		
W212	7/8"	1/4"		04477	33,750		
W213	7/8"	3/8"		04480	27,000		
W214	15/16"	1/4"		04483	32,600		
W215	1"	1/8"		04485	38,200		
W216	1"	1/4"	1/8"	04491	30,520		
			1/4"	04492	38,200		
W217	1"	3/8"	1/4"	04495	38,200		
W218	1"	1/2"		04498	38,200		
W219	1"	3/4"		04500	35,100		
W220	1"	1"		04502	25,500		
W221	1"	1 1/2"		04505	19,120		
W222	1"	2"		04509	15,900		
W223	1"	2 1/2"		04512	12,370		
W224	1"	3"		04515	10,605		
W225	1 1/4"	1/4"		3/8"	04517		30,560
W226	1 1/4"	3/8"			04520		30,560
W227	1 1/4"	1/2"			04523		30,560
W228	1 1/4"	3/4"			04525		30,520
W229	1 1/4"	1"			04527		24,000
W230	1 1/4"	1 1/4"			04530		20,400
W231	1 1/4"	1 1/2"	04533		17,620		
W232	1 1/4"	2"	04535		14,250		
W233	1 1/4"	2 1/2"	04537		10,880		
W234	1 1/4"	3"	1/4"		04540		24,380
W235	1 1/2"	1/4"		04543	25,470		
W236	1 1/2"	1/2"	3/8"	04545	25,470		
W237	1 1/2"	1"		04547	22,500		
W238	1 1/2"	1 1/2"		04550	15,600		
W239	1 1/2"	2"		04553	12,750		
W240	1 1/2"	2 1/2"	1/4"	04555	21,000		
W241	1 1/2"	3"		04557	18,000		
W242	2"	1"	3/8"	04560	19,100		
W243	2"	1 1/2"		04563	19,100		
W244	2"	2"		04565	19,100		
W245	2"	2 1/2"		04567	19,100		
W246	2"	3"		04570	16,500		

* Maximum Operating speed based on 1/2" overhang

Sticks' History

Sticks & Stones Unlimited, Inc. was established in 1973 to supply a niche market in the abrasive industry. Our goal at that time was to supply dressing and honing sticks to users in the Texas area. We have now expanded to serve domestic and international clientele. The Company has grown from a garage location to a 20,000 square foot manufacturing facility in Arlington, Texas. Our product line has also grown to encompass many products used in the honing, sharpening, and MRO markets. Extensive product knowledge, quality, quick lead times and exceptional customer service are our reputations in the abrasive industry. We manufacture most of our product line in our Arlington plant right here in the wonderful USA.



Lead times:

Time is important to you. When a product is used in production or in daily processes you can't wait 6 or more weeks like our competitors offer. We offer same day shipping on most stock items if ordered before noon and an industry best of 1-3 week normal delivery on special manufacture items. We are willing to work quickly for you because we know how it feels on the other side. Call us today.



Terms and Conditions

Minimum Order: All orders are subject to a minimum charge of \$20.00 plus shipping. Any order entered having a net invoice value of less than minimum may be invoiced at \$20.00 plus shipping.

Transportation: All orders are shipped by an approved courier collect or prepaid and added to the invoice.

Weights: All catalog weights are approximate and are for guidance only.

Returned Goods: Goods may not be returned without approval. Any return must be accompanied by a Returned Goods Authorization number (RGA #) furnished by sales dept.

Damaged Goods: Damage must be reported immediately to carrier and claim filed at the distributor end. Hidden damage must be reported to us within five working days of receipt of goods.

Pricing: Prices Are Subject To Change Without Notice

Manufactured Allowance: All manufactured or special order items are subject to plus or minus 10% allowance.