

SHAVIV USA
by **vargus**
Leading Deburring Solutions

BESTSELLERS



vargus
NEUMO Ehrenberg Group

www.shavivusa.com

INTRODUCTION

SHAVIV hand deburring tools provide versatile solutions for various industries, including Abrasives, DIY and metal cutting. SHAVIV tools effectively deburr hole edges, straight edges, flat surfaces, keyways, and corners. Blades come in HSS, TiN coated (titanium nitride), cobalt enriched, carbide, and diamond coated options, with left-handed choices available. SHAVIV offers individual components, combination sets, and complete kits tailored to specific applications, professions, and materials.

The new SV-Burr line from SHAVIV includes a wide range of Tungsten Carbide tools which are used to remove burrs and smoothen sharp metal edges when cutting or machining processes are completed.

BLADE CATEGORIES

Swivel Blades (E, B)



Scrapers (C)



Countersinks (F)



Special Blades (G)



Sheet Edge Cleaner (D)



APPLICATIONS GUIDE

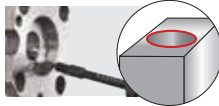
Straight Edge

For Sets: B, C, E, HC, M, 1, Burr-Bi



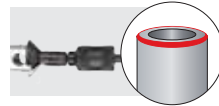
Hole Edge

For Sets: B, C, E, F, FR, HC, M, U, 1, Rotoburr



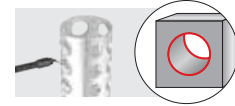
Outer Edge

For Sets: Burr-Ex, L



Cross-Hole Both Edge

For Sets: E, M, 1



Hole Back-Edge

For Sets: E, HC, U



Hole Inner Surface

For Sets: C, HC, U



Flat Surface

For Sets: C, D, HC, U



Sheets

For Sets: D, Burr-Bi



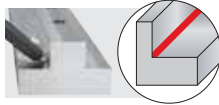
Slot / Keyways

For Set: G



Inner Straight Corners

For Set: G3



Inner Edge

Plum-Burr



Mold Gate Trim

Cera-Burr



INDUSTRIES AND MATERIALS



Metal



Electrical



Plastic



Automotive



Die & Mold



Plumbing



Aviation

SHAVIV tools can be used on a wide range of materials including metals, plastics, and composites, allowing versatile solutions for industries and production.



Metal



Copper



Aluminum



Cast iron



Plastics

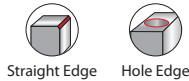


Wood

LONG-REACH SETS

Mango II Set B

The Workhorse



Popular set for holes, slots & edges. B holder supports all B blades which can be inserted axially or perpendicular to the holder.

Handle: Mango II | **Holder:** B | **Blades:** B10, B20 | **Item No. :** 155-90056



Mango II Set E

Heavy DeBurr



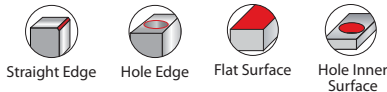
Rugged deburring set for heavy-duty deburring of holes, slots and edges. E holder supports all E blades.

Handle: Mango II | **Holder:** E | **Blades:** E100, E200, E300 | **Item No. :** 155-90065



Mango II Set C

The Scraper



Features triangular blade with 3 cutting edges for high quality finishing & scraping. The telescopic blade holder lets you get to difficult-to-reach areas. Includes key for safely removing blades.

Handle: Mango II | **Holder:** C | **Blade:** C42 | **Item No. :** 155-90062



Mango II Set F/FR

The Countersink



Powerful tool, excellent for chamfering and countersinking. Use for hole-edge applications with up to 20 mm (.79") diameter.

Handle: Mango II | **Holder:** F | **Blade:** F20 | **Item No. :** 155-90071

Handle: Mango II | **Holder:** FR | **Blade:** F20 | **Item No. :** 155-90072



Mango II Rotoburr Set

The Swivel Countersink



Premium set for quick and easy cleaning of holes using convenient swivel holder. Use for hole-edge applications with up to 20 mm (.79") diameter.



Handle: Mango II | **Holder:** Rotoburr | **Blade:** F20 | **Item No. :** 155-00338

LONG-REACH SETS

Mango II Set G

Slot Edge Cleaner



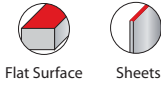
Ideal for deburring and cleaning edges of internal & external keyways and slots up to 15 mm (.6") wide. Blade features 8 cutting edges.

Handle: Mango II | **Holder:** G | **Blade:** G10 | **Item No. :** 155-90074



Mango II Set D

The Sheet Cleaner



Perfect for sheet metal up to 3 mm (.12") thick. Blade deburrs both sides of sheet in one pass. Blade also functions as a surface cleaner.

For added safety, use with Handguard **Item No. :** 152-00030

Handle: Mango II | **Holder:** D | **Blade:** D80C | **Item No. :** 155-90064



Mango II Set Burr-Ex

Ratchet-Burr for OD



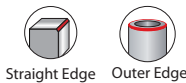
Features FR ratchet holder, ideal for rotational chamfering, even when workspace is limited. For Outer Diameter (OD) chamfering up to 26 mm (1").

Handle: Mango II | **Holder:** FR | **Blade:** F26X | **Item No. :** 155-90073



Mango II Set L

External Pipe-Edge Cleaner



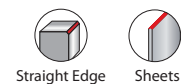
External curved-edge cleaner tool set for the deburring of external curved edges, for pipes and tubes.

Handle: Mango II | **Holder:** L | **Blade:** L10 | **Item No. :** 155-00220



Mango II Set Burr-Bi

Heavy-Duty Sheet Cleaner



For heavy-duty deburring of materials with single or double straight edges up to 14 mm (.56") thick. Holder can take two R10, R20 or R30 blades for arc-shaped finishes on workpieces up to 16 mm (.63") thick. Handguard attached for worker safety.

Handle: Mango II | **Holder:** BR | **Blades:** R10 x 2 | **Key:** BR | **Item No. :** 155-00206



A side-
for spiral chips



B side-
for powdery chips

EXTRA-CLOSE SETS

Mango II - The most recommended handle for comfort and control in deburring

**Works with all
B and E blades**

**Permanent adapters
for simple blade replacement**

**Comfortable, ergonomic handle
for standard-sized hands**

Mango II B+4



Handle: Mango II | Blades: B10, B20, B25, B11 | Item No. : 155-90061

Mango II E+3



Handle: Mango II | Blades: E100, E200, E300 | Item No. : 155-90068



Deburring has never been so easy!

**Works with E blades,
just Click n' Go!**

**Easy-to-use,
comfortable and durable**

**Best suited for
larger-sized hands**

Mango Click+12 E100



Handle: Mango Click | Blades: E100 x12 | Item No. : 155-29229



CERAMIC TOOLS

Cera-Burr

Ceramic Blade Tools



High quality ceramic blades affixed on strong, lightweight handle.

Cera-Burr



Handle: Glo-Burr | Blade: Permanent | Item No. : 155-90084

Cera-Burr Curve Q11

Curved blades reach arched and angled areas.



Handle: Glo-Burr | Blade: Permanent | Item No. : 155-00239

CERAMIX Set Q10

Heavy-Duty Handle with Ceramic Q10 Blade



Adjust the cutting angle between the blade and the material for best results and to prevent scratches. Flip blade for 2 types of jobs.

Flip blade for 2 types of jobs:



Side 1: Surface cleaner



Side 2: Sheet edge cleaner

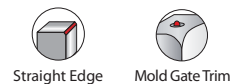


Free utility blade provided with set

Handle: Ceramic Handle | Blade: Q10 | Item No. : 155-29238

CERAMIX Curved Set Q12

Heavy-Duty Handle with Ceramic Q11 Blade



Curved blades reach arched and angled areas. Adjust the cutting angle between the blade and the material for best results and to prevent scratches.

Flip blade for 2 types of jobs:



Side 1: Curved edge cleaner



Side 2: Sheet edge cleaner

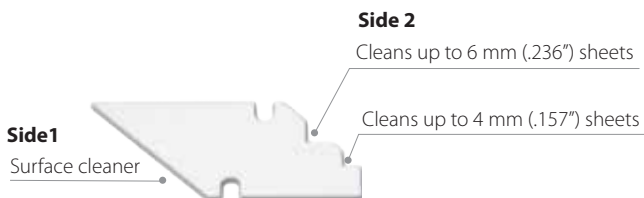


Free utility blade provided with set

Handle: Ceramic Handle | Blade: Q11 | Item No. : 155-00238

CERAMIX Blades

Blade Q10



Blades Name/Description: Blade Ceramix Q10 | Blade: Q10
Item No. : 151-29236

Blade Q11



Blades Name/Description: Ceramix Curved Blade Q11 | Blade: Q11
Item No. : 151-00132

COMPACT KITS

Glo-Burr B - Standard Duty



B10 Glo-Burr

Deburrs materials with spiral chips
Green Item No. : 155-29152



B20 Glo-Burr

Rotates clockwise & counterclockwise for materials with powdery chips
Red Item No. : 155-00274



B30 Glo-Burr

Deburrs inside & outside of holes up to 4.0 mm (.16") thick
Yellow Item No. : 155-00275



B11 Glo-Burr

Extra thin. Deburrs holes with min. diameter 2.0 mm (.08")
Blue Item No. : 155-00273



Glo-Burr E- Heavy Duty



E100 Glo-Burr

Deburrs materials with spiral chips
Green Item No. : 155-29155

E200 Glo-Burr

Rotates clockwise & counterclockwise for materials with powdery chips
Red Item No. : 155-00268

E300 Glo-Burr

Deburrs inside & outside of holes up to 6.0 mm (.24") thick
Yellow Item No. : 155-00267

E111 Glo-Burr

Extra thin. Deburrs holes with min. diameter 1.5 mm (.06")
Blue Item No. : 155-00270

Glo-Burr Handy Kit 4B /4E

A tool 4 every deburring job

Includes 4 Glo-Burr B handles | **Blades:** B10, B20, B30, B11

Glo-Burr 4B **Item No. :** 155-90042

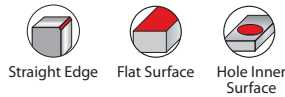


Includes 4 Glo-Burr E handles | **Blades:** E100, E200, E300, E111

Glo-Burr 4E **Item No. :** 155-29144

Scrape-Burr 40

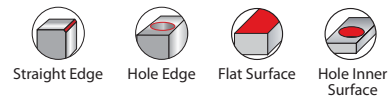
The All-Purpose Scraper



Handle: Glo-Burr | **Blade:** C40 (Permanent) | **Item No. :** 155-90078

Scrape-Burr 42

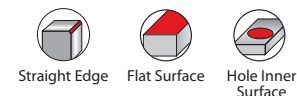
The Heavy-Duty Scraper



Handle: Glo-Burr | **Blade:** C42 (Permanent) | **Item No. :** 155-90079

Scrape-Burr 400

The Fine-Finish Scraper



Handle: Glo-Burr | **Blade:** C400 (Permanent) | **Item No. :** 155-90080

UB1 DisposaBurr

Disposable. Comes with heavy-duty E100 blade. **Item No. :** 155-29080



UB2 DisposaBurr

Disposable. Comes with B10 blade. **Item No. :** 155-29190



UB2000

Comes with replaceable B10 blade. **Item No. :** 155-29192



MB2000

Comes with replaceable E100 blade. **Item No. :** 155-29161



BONUS PACKS & TiN COATED SETS

For Extra-Close Work

Each Bonus Pack includes 10 blades and FREE Mango II B/E handle.
Available with HSS or Cobalt B10 or E100 blades

Handle: FREE Mango II B/E | **Blades:** 10 Blades - B10 HSS or E100 HSS or Cobalt

- 10 x B10 (HSS) | **Item No. :** 155-00177
- 10 x E100 (HSS) | **Item No. :** 155-00178
- 10 x B10S (Cobalt) | **Item No. :** 155-00183
- 10 x E100S (Cobalt) | **Item No. :** 155-00179



For Long-Reach Work

Each Bonus Pack includes 10 blades + holder, and FREE Mango II handle.
Available with HSS or Cobalt B10 or E100 blades

Handle: FREE Mango II | **Blades:** 10 Blades - B10 HSS or E100 HSS or Cobalt
Holder: B or E

- 10 x B10 (HSS) | **Holder:** B | **Item No. :** 155-00180
- 10 x E100 (HSS) | **Holder:** E | **Item No. :** 155-00181
- 10 x B10S (Cobalt) | **Holder:** B | **Item No. :** 155-00184
- 10 x E100S (Cobalt) | **Holder:** E | **Item No. :** 155-00182



TiN Coated Blades (P)

Titanium Nitride coating provides significantly increased tool life over standard non-coated blades.

AEROBURR Set

For the Aviation / Aerospace / Medical Industries

Deburr curves and small holes as small as 1.5 mm (1/16")

Set B11P

Standard Duty Applications



Handle: Mango II | **Holder:** B
Blades: 5 X B11P | **Item No. :** 155-00231

Set E111P

Heavy Duty Applications



Handle: Mango II | **Holder:** E
Blades: 5 X E111P | **Item No. :** 155-00232



Multi-purpose Blade Set B

for Standard Deburring



Blades: B10P x 2, B11P x 2, B12P x 2, B20P x 2, B30P x 2
Item No. : 155-00252

Multi-purpose Blade Set E

for Heavy Duty Deburring



Blades: E100P x 2, E110P x 2, E111P x 2, E200P x 2, E300P x 2
Item No. : 155-00251

PREMIUM KITS

Deburring & Scraping

Standard Duty



A very handy and practical combination of deburring and scraping tools all in one kit for standard duty applications.



Handle: Mango II | **Holder:** B, C
Blades: B10, B11, B20, B30, B60, B70, C40, C Key
Item No. : 154-00034

Deburring & Filing



Specifically designed for deburring and filing applications with the comfortable and practical MB2020 handle.



Handle: MB2020E | **Holder:** 5 different shape diamond coated file
Blades: E100S, E400
Item No. : 154-00030

TiN Coated

For Exotic Materials

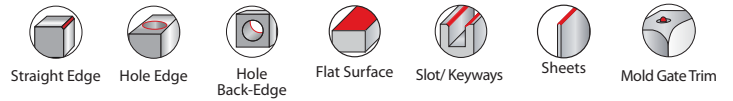


Durable multi-purpose TiN (Titanium Nitride) coated blades for high resistance and wear. Work great on exotic materials. Kit includes heavy-duty aluminum handle.



Handle: Aluminum Handle | **Holder:** B, E
Blades: B10P, B11P, B20P, B30P, E100P, E111P, E200P, E300P
Item No. : 154-00045

Deburring & Deflashing



The best kit on the market for deburring and deflashing standard and heavy-duty metal and plastic workpieces!



Handle: Mango II | **Holder:** B, E
Blades: B10, B11, B25, E111, E250, E400, E707 and Cera-Burr Ceramic Blade Tool
Item No. : 154-00040

SHAVIV GENIUS™

Hand Deburring Made Even Easier World's 1st Hand Deburring Tool Selector

The **SHAVIV GENIUS™** web app lets the user easily navigate and choose the correct hand deburring solution based on the application and material required.

































BESTSELLING BLADES

Visit www.shaviv.com for the entire selection of SHAVIV blades

Applications

Material



















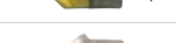








Blade	Item No.	Description	Blade	Straight Edge	Hole Edge	Outer Edge	Cross-Hole Both Edges	Hole Back-Edge	Hole Inner Surface	Flat Surface	Sheet	Slot/Keyway	Inner Straight Corners	Steel Aluminium	Copper	Brass	Cast Iron	Stainless Steel	Hardened Steel	Plastics	Carbide Glass	Wood
<u>B10</u>	151-29212	HSS. Deburrs materials with spiral chips. Bulk pack available.		↻	■	■								■	■					■		
B10C	151-29013	Solid carbide. B10 geometry.		↻	■	■								■	■				■	■		
B10L	151-29095	B10 for left-handed users.		↻	■	■								■	■					■		
B10P	151-29015	PVD TiN coated for high wear resistance. B10 geometry.		↻	■	■								■	■			■		■		
B10S	151-29210	Long-lasting, cobalt-enriched. B10 geometry.		↻	■	■								■	■			■		■		
B11	151-29108	Extra thin, HSS. Deburrs holes with min. diameter 2mm (.08").		↻	■	■								■	■					■		
B11P	151-00120	PVD TiN coated for high wear resistance. B11 geometry.		↻	■	■								■	■			■		■		
<u>B12</u>	151-29023	Short-nosed, HSS.		↻	■	■								■	■					■		
B12P	151-29016	Short-nosed, PVD TiN coated for high wear resistance.		↻	■	■								■	■			■		■		
<u>B20</u>	151-19019	HSS. Rotates clockwise & counterclockwise.		↻↺	■	■										■	■			■		■
B20C	151-19020	Solid carbide. Rotates clockwise & counterclockwise.		↻↺	■	■										■	■	■		■		■
B20P	151-29021	PVD TiN coated for high wear resistance. Rotates clockwise & counterclockwise.		↻↺	■	■										■	■	■		■		
B25	151-29022	Thin-nosed. Specially designed for plastics.		↻	■	■								■	■					■		
<u>B30</u>	151-29023	Simultaneously deburrs the inside and outside of holes up to 4 mm (.16") thick.		↻			■							■	■					■		
B30P	151-29024	PVD TiN coated for high wear resistance. B30 geometry.		↻			■							■				■		■		
B32	151-29025	Rotates clockwise & counterclockwise. B30 geometry.		↻↺			■									■	■			■		■
B60	151-29027	Standard HSS blade to remove burrs from back edge of holes up to 15 mm (.59") thick.		↻				■						■	■					■		
B70	151-29028	Carbide tipped. Deburrs up to 3.5 mm (.14") thick.		↓							■			■	■	■	■	■	■	■		
<u>C40</u>	151-29029	Small, 4 mm (.16"), triangular HSS scraper for precision work.		↻					■	■				■	■	■	■	■	■	■		
<u>C42</u>	151-29030	Standard size, 8 mm (.31"), triangular HSS scraper.		↻					■	■				■	■	■	■	■	■	■		
<u>C50</u>	151-29117	Double-sided, 7.8 mm (.30"), triangular scraper.		↻↺					■	■				■	■	■	■	■	■	■		
C60	151-29118	Double-sided, 4.8 mm (.19"), triangular scraper.		↕					■	■				■	■	■	■	■	■	■		
<u>D80C</u>	151-29031	Solid carbide, 6 cutting edges. Scrapes surfaces and deburrs sheet metal up to 3 mm (.12") thick.		↑						■	■			■	■	■	■	■	■	■		■
D82C	151-29032	Heavy-duty, double-edged carbide blade. Deburrs sheet metal up to 9 mm (.35") thick.		↕							■			■	■	■	■	■	■	■		■
<u>E100</u>	151-29034	Heavy-duty HSS. Deburrs materials with spiral chips.		↻	■	■								■	■					■		
E100C	151-29035	Wear resistant carbide. E100 geometry.		↻	■	■								■	■				■	■		
E100L	151-29098	E100 for left-handed users.		↻	■	■								■	■					■		
E100P	151-29037	PVD TiN coated for high wear resistance. E100 geometry.		↻	■	■								■	■			■		■		
E100S	151-29211	Long-lasting, cobalt-enriched. E100 geometry.		↻	■	■								■	■			■		■		
E110	151-29038	E shaft, B10 cutting edge for materials with spiral chips. Deburrs holes with min. diameter 2 mm (.08").		↻	■	■								■	■			■		■		

BESTSELLING BLADES

Visit www.shaviv.com for the entire selection of SHAVIV blades

Applications

Material

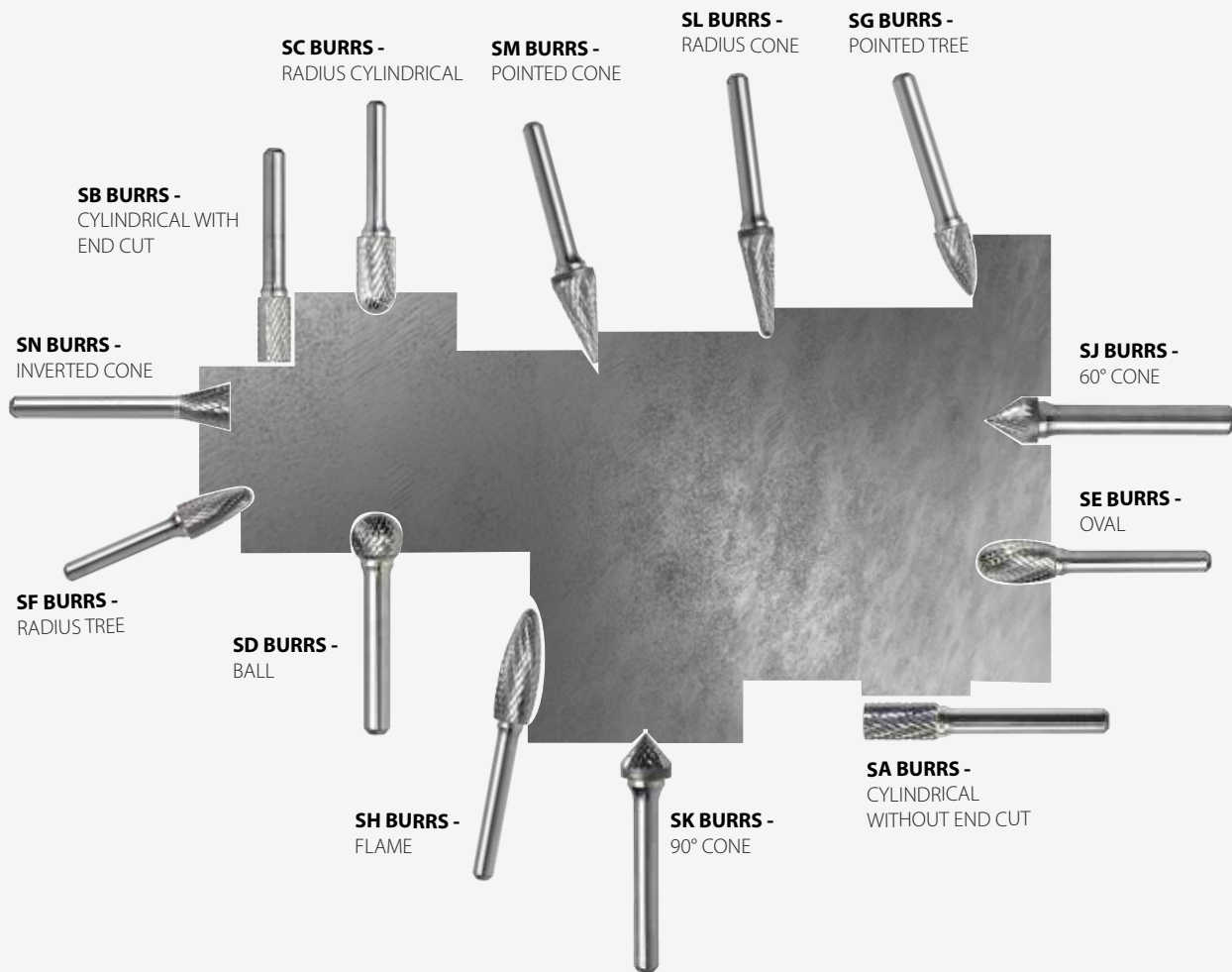
Blade	Item No.	Description	Blade	Straight Edge	Hole Edge	Outer Edge	Cross-Hole Both Edges	Hole Back-Edge	Hole Inner Surface	Flat Surface	Sheet	Slot/Keyway	Inner Straight Corners	Steel Aluminium	Copper	Brass	Cast Iron	Stainless Steel	Hardened Steel	Plastics	Carbide Glass	Wood
E110P	151-29039	PVD TiN coated for high wear resistance. E110 geometry.		✓	✓									✓				✓				
E111	151-29109	Thin-nosed, HSS. Deburrs holes with min. diameter 1.5 mm (.06").		✓	✓									✓	✓					✓		
E111P	151-00099	PVD TiN coated for high wear resistance. E111 geometry.		✓	✓									✓	✓					✓		
<u>E200</u>	151-29040	HSS for materials with powdery chips. Rotates clockwise & counterclockwise.		✓	✓	↻										✓	✓			✓		✓
E200C	151-29041	Wear resistant carbide. E200 geometry.		✓	✓	↻										✓	✓		✓			✓
E200P	151-29099	PVD TiN coated for high wear resistance. E200 geometry.		✓	✓	↻										✓	✓			✓		✓
E200S	151-00107	Long lasting, cobalt enriched. E200 geometry.		✓	✓	↻										✓	✓			✓		✓
E250	151-29106	Specially designed for plastics. Very thin, heavy duty.		✓	✓									✓	✓					✓		
<u>E300</u>	151-29042	HSS for materials with spiral chips. Simultaneously deburrs the inside and outside of holes up to 6 mm (.24") thick.		✓			✓							✓	✓							
E300P	151-29227	PVD TiN coated for high wear resistance. E300 geometry.		✓			✓							✓	✓							
E320	151-29043	HSS for materials with powdery chips. Simultaneously deburrs the inside and outside of holes up to 6 mm (.24") thick. Rotates clockwise & counterclockwise.		✓		↻	✓									✓	✓			✓		✓
E350	151-29044	HSS for materials with powdery chips. Rotates clockwise & counterclockwise.		✓	✓	↻										✓	✓			✓		
E400	151-29233	Mini triangular scraper.		✓		↻			✓	✓				✓	✓	✓	✓	✓	✓	✓		✓
E450	151-29234	Heavy duty HSS deburring blade for sheets. Suitable for aluminum, steel and also plastics.		✓		↑					✓			✓	✓	✓	✓	✓	✓	✓		
<u>E600</u>	151-29045	Heavy duty HSS blade to remove burrs from back edge of holes up to 20 mm (.78") thick.		✓		↻		✓						✓	✓					✓		
E601	151-29046	Extra-long HSS. Removes burrs from back-edges of holes up to 40 mm (1.57") thick.		✓		↻		✓						✓	✓					✓		
E700	151-29047	HSS for materials with spiral chips. Excellent for deburring & scraping inside thick-walled holes and cross-holes		✓		↻			✓					✓	✓					✓		
F12	151-29049	Countersink for hole-edges with up to 12 mm (.47") diameter.		✓	✓	↻								✓	✓	✓	✓	✓	✓	✓		
F12P	151-00159	PVD TiN coated for high wear resistance. Countersink for hole-edges with up to 12 mm (.47") diameter.		✓	✓	↻								✓	✓	✓	✓	✓	✓	✓		
<u>F20</u>	151-19050	Countersink for hole-edges with up to 20 mm (.78") diameter.		✓	✓	↻								✓	✓	✓	✓	✓	✓	✓		
F20P	151-00160	PVD TiN coated for high wear resistance. Countersink for hole-edges with up to 20 mm (.78") diameter.		✓	✓	↻								✓	✓	✓	✓	✓	✓	✓		
F30	151-29051	Countersink for hole-edges with up to 30 mm (1.18") diameter.		✓	✓	↻								✓	✓	✓	✓	✓	✓	✓		
F30P	151-29051	PVD TiN coated for high wear resistance. Countersink for hole-edges with up to 30 mm (1.18") diameter.		✓	✓	↻								✓	✓	✓	✓	✓	✓	✓		
<u>F26X</u>	151-29147	Excellent for external chamfering of pipes, tubes and other items with up to 26 mm (1.02") diameter.		✓	✓	↻								✓	✓	✓	✓	✓	✓	✓		
<u>G10</u>	151-29052	HSS. Deburrs slots up to 15 mm (.6") wide.		✓		↑					✓			✓	✓	✓	✓	✓	✓	✓		
L10	151-29063	HSS, 4 cutting edges. Removes burrs from external edges, OD 20 mm (.78") and up. "A" side deburrs materials with spiral chips; "B" side for powdery chips.		✓	✓	↑								✓	✓	✓	✓	✓	✓	✓	✓	✓
<u>R10</u>	151-29141	Double-sided, round HSS blade. "A" side deburrs materials with spiral chips; "B" side for powdery chips.		✓		↑					✓			✓	✓	✓	✓	✓	✓	✓	✓	✓



The New Line of Premium Carbide Burrs

The **SV Burr line** features over a dozen distinct geometric designs to handle any deburring application. Options include cylindrical, radius, ball, oval, inverted cone, tree, flame, cone, and radius cone shapes among others. Each geometry provides an optimized cutting shape for different materials and use cases.

Geometries & Applications



SHAVIV USA A Division of VNE Corporation Main Warehouse

PO Box 1698
 1149 Barberry Drive, Janesville, WI 53547
 Tel: 1-800-828-8765, 608-756-4930
 Fax: 608-741-7125
sales@vargususa.com

SHAVIV USA
 Technical Support & Marketing

355 - 357 Remington Blvd.
 Bolingbrook, IL 60440
 Tel: (630)-296-0102
 Fax: (630)-755-4620
shavivusa@aol.com