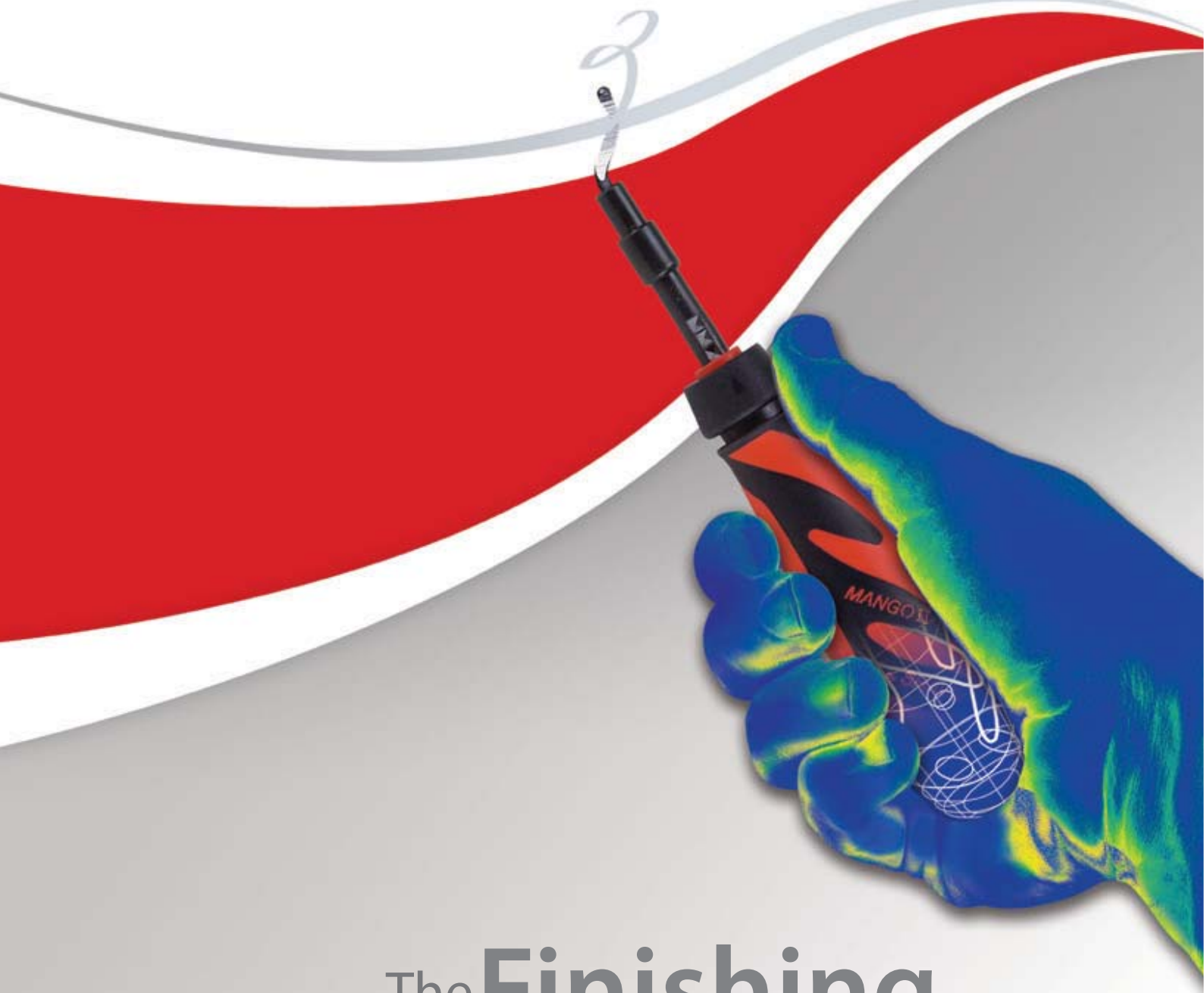


SHAVIV USA
by **vargus**
Leading Deburring Solutions

vargus
NEUMO Ehrenberg Group



The **Finishing** Touch

S H A V I V H i g h l i g h t s

www.shavivusa.com

SHAVIV Tool Sets

SHAVIV tool sets are the most economical, flexible and fastest way to finish metal and plastic parts. SHAVIV's high quality tools include a vast range of ergonomic handles, telescopic holders, and blades for most types of applications.



Long Reach Tool Sets

Set E Heavy Duty Multi-Purpose



Heavy duty set for deburring holes, slots and edges on most types of materials. Includes telescopic holder.



E100

Holder E



90065



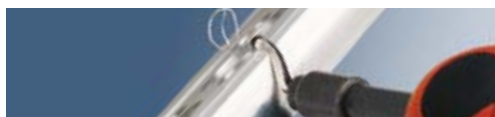
E200



E300

Set Name	EDP No.
Aluminum Handle 	90087
Classic Handle 	29069

Set B Standard Duty Multi-Purpose



Standard duty set for deburring holes, slots and edges on most types of materials. Includes telescopic holder.





B10

Holder B

90056



B20

Set Name	EDP No.
Aluminum Handle 	29066
Classic Handle 	29065

Set C The Scraper



Multi-functional tool for various applications and materials. The triangular shaped C42 blade features 3 deburring edges for extra-long life.



C42

Holder C

90062



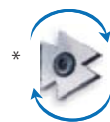
C Key

Set Name	EDP No.
Classic Handle 	29067

Set D Sheet Edge Cleaner



Simple to operate! Deburrs both sides of sheets up to 3mm (0.12") thick. D80C (Carbide) blade can also be used as a surface cleaner.*



D80C

Holder D

90064



Key



D82C

Note: Blade D82C can be purchased separately and is suitable for thicker sheets.

Set F/FR Countersink & Chamfering Tool





Basic set for chamfering holes and tools up to 20mm (13/16"). Includes telescopic holder. The countersink is made of HSS.



F20

Holder F

90071

Set Name	EDP No.
Mango II Set Burr-Ex, Ratchet-Burr for OD 	90073
Mango II Set FR, Ratchet-Burr for ID 	90072

Set G Slot Edge Cleaner



Ideal for deburring and cleaning edges of internal and external keyways and slots up to up to 15mm (0.6") wide. HSS blade features 8 deburring edges.



G10

Holder G

90074



Key

Extra Close Tool Sets

Popular sets for deburring holes, slots and edges on most types of materials. Ergonomic, comfortable, standard size handle - **includes safety lock** to prevent losing blades and potential injuries while working.

Set B+4 Standard Duty



Additional sets with fewer blades are also available.

Set E+5 Heavy Duty



Additional sets with fewer blades are also available.



90061



90070

Blade Categories

Swivel Blades (E,B)	Scrapers (C)	Countersinks (F)	Special Blades (G)	Sheet Edge Cleaner (D)
<ul style="list-style-type: none"> Hole Edge Straight Edge 	<ul style="list-style-type: none"> Flat Surface Hole Inner Surface 	<ul style="list-style-type: none"> Hole Edge Outer Edge 	<ul style="list-style-type: none"> Slot/ Keyways Inner Straight Corners 	<ul style="list-style-type: none"> Sheets

See the complete range of SHAVIV blades at www.shavivusa.com

Bonus Packs

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



FREE Handle

HSS 10 X B10
HSS 10 X E100
Cobalt 10 X B10
Cobalt 10 X E100

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



Ordering Code	Bonus Pack
29252	10 x B10 (HSS) + Holder B
29253	10 x E100 (HSS) + Holder E
29256	10 x B10S (Cobalt) + Holder B
29254	10 x E100S (Cobalt) + Holder E

Mango Click + 12 E100 *mango* Click n' Go

Simple-to-use handle, just Click n' Go! Designed for larger hands.

FREE Handle



29229

Shaviv Kits and Blade Sets

Premium Kits

Premium Kits contain the most popular tool sets and blades, which provide focused solutions for the most frequently used applications. 7 types now available! • Each kit is designed for specific application types • Convenient packaging for storing tools

Deburring & Scraping



90105

Contains: Mango II Handle, Holder B, Holder C, B10, B11, B20, B30, B60, B70, C40, C Key

Deburring & Deflashing



29263

Contains: Mango II Handle, Holder B, Holder E, B10, B11, B25, E111, E250, E400, E707, and Cera Burr Ceramic Blade Tool

TiN Coated

For Exotic Materials



29272

Contains: B Blades: B10P, B11P, B20P, B30P
E Blades: E100P, E111P, E200P, E300P, B & E Holders, Aluminum Handle

Additional Premium Kits:

Premium Kit	Ordering Code
Filing & Deburring	90109
Deburring & Chamfering	90107
Deburring & Scraping Heavy Duty	90106
Deburring & Sheet Cleaning	90108

Multi-purpose Blade Sets

Multi-purpose Blade Set B

For Standard Deburring
5 Pairs of B Blades: B10Px2, B11Px2, B12Px2, B20Px2, B30Px2



29275

Multi-purpose Blade Set E

For Heavy Duty Deburring
5 Pairs of E Blades: E100Px2, E110Px2, E111Px2, E200Px2, E300Px2



29274

Tool & Die Maker's Interchangeable Kit

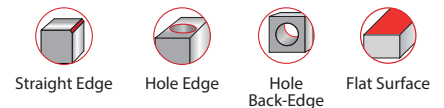


NEW

29273

Replaceable blades now available for Shaviv's professional line of miniature deburring and scraping tools for the dies and molds industry.

- Contains:
- * Aluminum Handle
 - * Scraper Blades: BUS1 - Triangular Scraper, BUS2 - Flat Scraper, BUS3 - Round Scraper, BUS4 - Hooked Corner Scraper
 - * Shaviv UF1 Mini File - Diamond Coated
 - * Scrape-Burr 400 for extra fine finishing
 - * Non-rotating U Holder



AEROBURR Set

Deburring Sets for the Aviation & Aerospace Industries

Standard Duty Applications Set B11P



Mango II Handle
Holder B
5 X B11P (coated) blades
90110

Heavy Duty Applications Set E111P



Mango II Handle
Holder E
5 X E111P (coated) blades
90111



Products



Shaviv Golden Flex Sets

Golden Flex Set B

For Standard Deburring

Contains:

- Aluminum Handle
- Blade Holder B
- 5 Different Pairs of TiN Coated Multi-purpose B Blades: B10Px2, B11Px2, B12Px2, B20Px2, B30Px2



29280

Golden Flex Set E

For Heavy Duty Deburring

Contains:

- Aluminum Handle
- Blade Holder E
- 5 Different Pairs of TiN Coated Multi-purpose E Blades: E100Px2, E110Px2, E111Px2, E200Px2, E300Px2



29281

Countersink Kits

The ultimate kits for chamfering and deburring work pieces!

Use countersinks with 1/4" bit holder handle or any power tool.

Countersink flute angles are 90°.

Each kit includes 3 different-sized solid HSS countersinks to chamfer a wide range of holes and materials.

FREE deburring Finishing Bit included!



90097



90098



Tri-Flute Chamfering Kit

Tool	For holes up to Ø mm	For holes up to Ø in
FC20	20mm	13/16"
FC16	16mm	5/8"
FC12	12mm	1/2"
FREE	Finishing Bit with B12 blade	



Zero Flute Chamfering Kit

Tool	Hole Range Ø mm	Hole Range Ø in
FD20	7-20mm	9/32"-13/16"
FD13	5-13mm	3/16"-1/2"
FD08	2-8mm	5/64"-5/16"
FREE	Finishing Bit with B12 blade	

New Individual Tri-Flute Countersinks

Shaviv's popular Tri-Flute Countersinks can now be purchased separately!



FC20 29278

FC16 29276

FC12 29277



Shaviv's Tri-Flute Countersinks can be used with either the 1/4" BIT HOLDER handle (90115) or any power tool.

Rotary Scraper Series for High Precision Work

- Triangular rotary scrapers specially designed for high precision and accurate work
- Suitable for air tools with high RPM
- Made from top quality HSS, strong yet flexible
- Excellent for a variety of raw materials such as metals, ceramics, and plastics
- Used in the aviation, electronics, jewelry, molding and other industries

Blade	Shank Diameter	Tip Angle	Ordering Code
C81-3	3.0 mm	5°	29267
C82-3	3.0 mm	10°	29268



Compact Tools

Easy to hold, popular compact tools for every-day applications.

GloBurr



Globurr B
With B10 blade
Red = 29153
Yellow = 29154

Globurr E
With E100 blade
Red = 29156
Yellow = 29157



Rainbow Kit
Available with B or E blades
Glo-Burr-B = 29136
Glo-Burr-E = 29137



Handy Kit
Assortment of 4 B- or E-series blades
Kit 4B = 90042
Kit 4E = 29114

ScrapeBurr



3+1 ScrapeBurr Kit
includes **FREE** GloBurr B

**FREE
GLOBURR!**

90081



C42 – The Heavy Duty Scraper 90079



C40 – The All Purpose Scraper 90078



E400 – The Fine Finish Scraper 90080

Aluminium Handle Tools



UB1
With E100 blade
Red = 29184
Yellow = 29080



UB2
With B10 blade
Red = 29081
Yellow = 29190



MB2000
With replaceable
E100 blade
Red = 29160
Yellow = 29161



UB2000
With replaceable
B10 blade
Red = 29191
Yellow = 29192

Cera-Burr Ceramic Tool

The perfect compact ceramic **safety** tools for deburring and deflashing soft metal and plastic materials.





















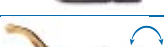



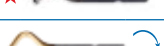







Cera-Burr 90084



Cera-Burr Curve 90113

Most Popular Blades

For the entire selection of SHAVIV blades and deburring tools visit www.shavivusa.com

Blade Name	EDP Number	Description	Blade (Work Direction Shown)	Applications											Materials											
				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	Aluminum	Copper	Brass	Cast Iron	Stainless Steel	Hardened Steel	Plastics	Carbide & Glass				
B10	29012	HSS. Deburrs materials with spiral chips. Bulk pack available.		•	•												•	•	•						•	
B10P	29015	PVD TiN coated for high wear resistance. B10 geometry.		•	•												•	•	•						•	
B10S	29210	Long-lasting, cobalt-enriched. B10 geometry.		•	•												•	•	•						•	
B11P	29122	PVD TiN coated for high wear resistance. B11 geometry.		•	•												•	•	•						•	
B20	29019	HSS. Rotates clockwise & counterclockwise.		•	•														•	•					•	
B20P	29021	PVD TiN coated for high wear resistance. Rotates clockwise & counterclockwise.		•	•														•	•	•				•	
B25	29022	Thin-nosed. Specially designed for plastics.		•	•												•	•	•						•	
B30	29023	Simultaneously deburrs the inside and outside of holes up to 0.16" (4 mm) thick.		•			•										•	•	•						•	
B30P	29024	PVD TiN coated for high wear resistance. B30 geometry.		•			•										•	•							•	
B60	29027	HSS. Removes burrs from back edge of holes up to 0.78" (20 mm) thick.					•										•	•	•						•	
C40	29029	Small, 0.16" (4 mm), triangular HSS scraper for precision work.		•				•	•	•							•	•	•	•	•				•	
C42	29030	Standard size, 0.31" (8 mm), triangular HSS scraper.		•					•	•	•						•	•	•	•	•				•	
D80C	29031	Solid carbide, 6 cutting edges. Scrapes surfaces and deburrs sheet metal up to 0.12" (3 mm) thick.		•							•	•					•	•	•	•	•	•	•		•	
E100	29034	Heavy-duty HSS. Deburrs materials with spiral chips.		•	•												•	•	•						•	
E100P	29037	PVD TiN coated for high wear resistance. E100 geometry.		•	•												•	•							•	
E100S	29211	Long-lasting, cobalt-enriched. E100 geometry.		•	•												•	•	•						•	
E111P	29246	PVD TiN coated for high wear resistance. E111 geometry.		•	•												•	•	•						•	
E200	29040	HSS for materials with powdery chips. Rotates clockwise & counterclockwise.		•	•														•	•					•	
E200P	29099	PVD TiN coated for high wear resistance. E200 geometry.		•	•														•	•					•	
E200S	29169	Long lasting, cobalt enriched. E200 geometry.		•	•														•	•					•	
E250	29106	Specially designed for plastics. Very thin, heavy duty.		•	•												•	•	•						•	
E300	29042	HSS for materials with spiral chips. Simultaneously deburrs the inside and outside of holes up to 0.24" (6 mm) thick.		•			•										•	•	•						•	
E300P	29227	PVD TiN coated for high wear resistance. E300 geometry.		•			•										•	•	•						•	
E400	29233	Mini triangular scraper.		•				•	•	•							•	•	•	•	•	•			•	
E600	29045	HSS. Removes burrs from back-edges of holes up to 0.78" (20 mm) thick.					•										•	•	•						•	
F12	29049	Countersink for hole-edges with up to 0.47" (12 mm) diameter.			•												•	•	•	•	•	•			•	
F20	29050	Countersink for hole-edges with up to 0.78" (20 mm) diameter.		•	•												•	•	•	•	•	•			•	
F30	29051	Countersink for hole-edges with up to 1.18" (30 mm) diameter.			•												•	•	•	•	•	•			•	
F26X	29147	Excellent for external chamfering of pipes, tubes and other items with up to 1.02" (26 mm) diameter.		•		•											•	•	•	•	•	•			•	
G10	29052	HSS. Deburrs slots up to 0.6" (15 mm) wide.		•								•					•	•	•	•	•	•			•	


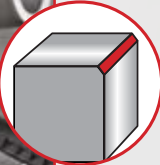
Most Popular Blade Holders

Blade Holder E For all E blades.		EDP No.: 29004
Blade Holder B Holds all B blades. Use axially or perpendicular to holder.		EDP No.: 29000
Blade Holder M For both B- or E-series blades.		EDP No.: 29138
Blade Holder C For C40 & C42 blades		EDP No.: 29001

Blade Holder D For D80C & D82C blades.		EDP No.: 29002
Blade Holder F For all F blades.		EDP No.: 29005
Blade Holder G Holds G10, G20 & G40C blades.		EDP No.: 29007
Blade Holder FR Ratchet holder for all F blades.		EDP No.: 29006

Applications

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

Outer Edge




For Sets: Burr-Ex, L

Cross-Hole Both Edges




For Sets: E, M, 1

Hole Back-Edge




For Sets: C, E, HC, U

Hole Inner Surface



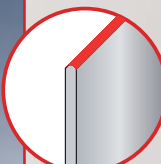

For Sets: C, HC, U

Flat Surface




For Sets: C, D, HC, K, U

Sheets

For Sets: D, Burr-Bi

Slot/Keyways




For Sets: G, U

Inner Straight Corners




For Sets: U, G3



www.shavivusa.com

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