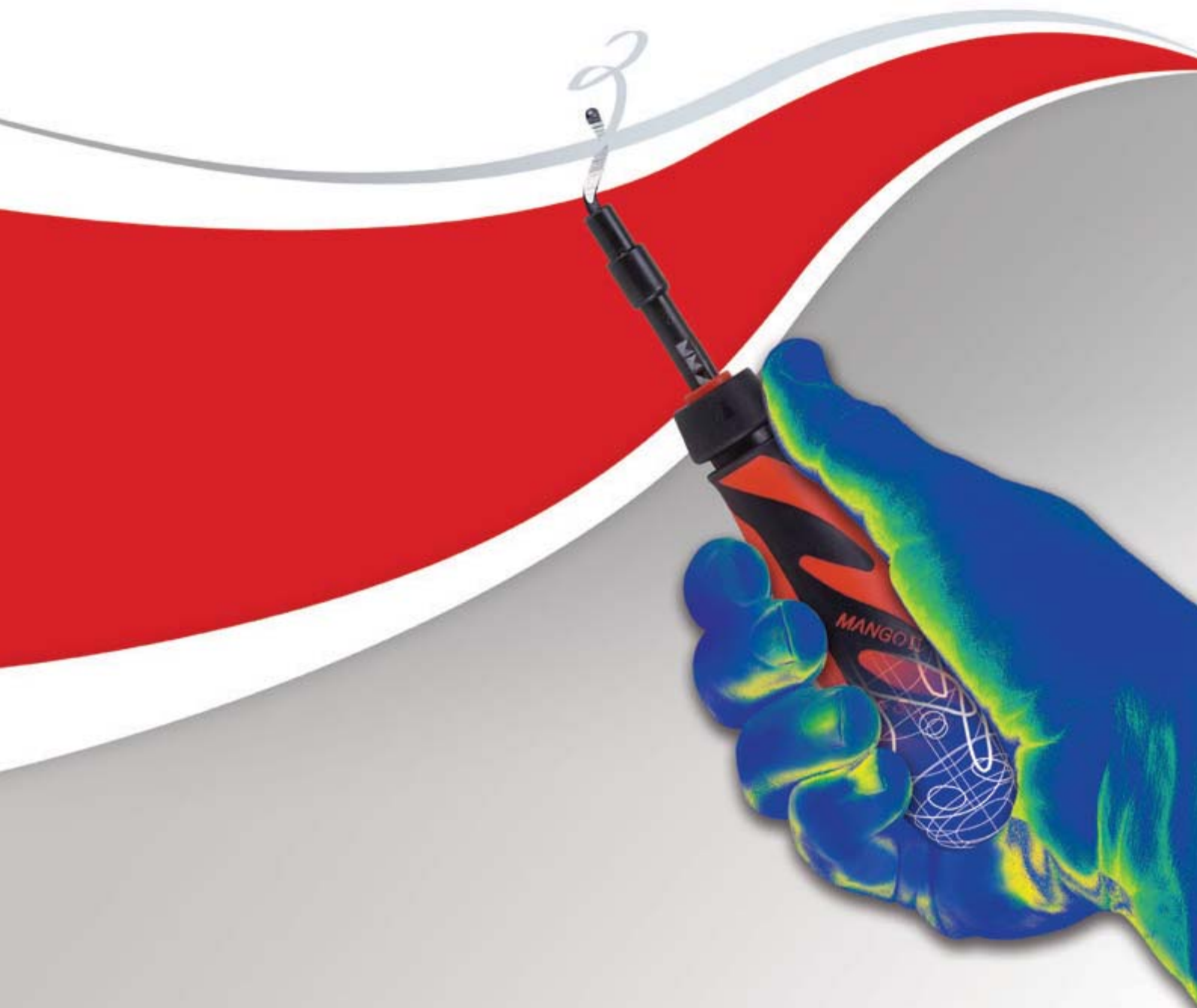


SHAVIV

Leading Deburring Solutions



The Finishing Touch

S H A V I V S p o t l i g h t

 **vargus**
NEUMO Ehrenberg Group

Shaviv Kits and Blade Sets

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

155-00258



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

155-00259



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!



154-00031



154-00032



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!



Shaviv's Tri-Flute Countersinks can be used with either the 1/4" BIT HOLDER handle (156-00003) 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° | 151-00129 |
| C82-3 | 3.0 mm | 10° | 151-00130 |



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

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.



See it in action

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

155-90065

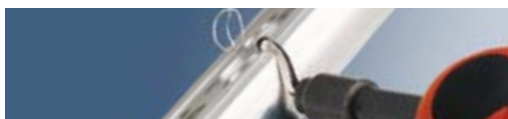


E200

E300

| Set Name | Ordering No. |
|---|--------------|
| Aluminum Handle  | 155-00019 |
| Classic Handle  | 155-29069 |

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

155-90056



B20

| Set Name | Ordering No. |
|---|--------------|
| Aluminum Handle  | 155-29066 |
| Classic Handle  | 155-29065 |

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

155-90062



C Key

| Set Name | Ordering No. |
|--|--------------|
| Classic Handle  | 155-29069 |

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

155-90064



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

155-90071

| Set Name | Ordering No. |
|---|--------------|
| Mango II Set Burr-Ex, Ratchet-Burr for OD  | 155-90073 |
| Mango II Set FR, Ratchet-Burr for ID  | 155-90072 |

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

155-90074



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 while working.



Set B+4 Standard Duty



Additional sets with fewer blades are also available.



155-90061

Set E+5 Heavy Duty



Additional sets with fewer blades are also available.



155-00162

Blade Categories

| Swivel Blades (E,B) | Scrapers (C) | Countersinks (F) | Special Blades (G) | Sheet Edge Cleaner (D) |
|----------------------------|------------------------------------|-------------------------|--|------------------------|
| | | | | |
| Hole Edge Straight Edge | Flat Surface Hole Inner Surface | Hole Edge Outer Edge | Slot/Keyways Inner Straight Corners | Sheets |

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

Special Promotions

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 |
|---------------|---------------------|
| 155-00177 | 10 x B10 (HSS) |
| 155-00178 | 10 x E100 (HSS) |
| 155-00183 | 10 x B10S (Cobalt) |
| 155-00179 | 10 x E100S (Cobalt) |

| Ordering Code | Bonus Pack |
|---------------|--------------------------------|
| 155-00180 | 10 x B10 (HSS) + Holder B |
| 155-00181 | 10 x E100 (HSS) + Holder E |
| 155-00184 | 10 x B10S (Cobalt) + Holder B |
| 155-00182 | 10 x E100S (Cobalt) + Holder E |

Mango Click + 12 E100

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

mango
Click n' Go



FREE Handle

155-29229

E100P Bonus Pack (TiN Coated)

Achieve the best finish with the highest resistance to wear.

Buy 10 X E100P blades (TiN Coated) and get 2 **FREE** blades!



2 FREE Blades

151-00112

Shaviv Kits and Blade Sets

AEROBURR Set

Deburring Sets For The Aviation & Aerospace Industries

Standard Duty Applications

Set B11P

155-00231



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

Heavy Duty Applications

Set E111P

155-00232



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



Multi-purpose Blade Sets

Multi-purpose Blade Set B

For Standard Deburring

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



155-00252



Multi-purpose Blade Set E

For Heavy Duty Deburring

5 Pairs of E Blades: E100Px2, E110Px2, E111Px2, E200Px2, E300Px2



155-00251



Tool & Die Maker's Interchangeable Kit

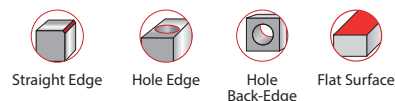


154-00046



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



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 | Heavy Duty



154-00036

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

Deburring & Deflashing | Heavy Duty



154-00040

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



154-00045

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 | 154-00030 |
| Deburring & Chamfering | 154-00033 |
| Deburring & Scraping | 154-00034 |
| Deburring & Sheet Cleaning | 154-00035 |

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

Compact Tools

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

GloBurr



Globurr B
With B10 blade
Red = 155-29153
Yellow = 155-29154

Globurr E
With E100 blade
Red = 155-29156
Yellow = 155-29157

Rainbow Kit
Available with B or E blades
Glo-Burr-B = 154-29136
Glo-Burr-E = 154-00013

Handy Kit
Assortment of 4B or 4E series blades
Kit 4B = 154-90042
Kit 4E = 154-29144

ScrapeBurr



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

**FREE
GLOBURR!**

154-90081

GRATIS



C42 – The Heavy Duty Scraper 155-90079



C40 – The All Purpose Scraper 155-90078



E400 – The Fine Finish Scraper 155-90080

Aluminium Handle Tools



UB1
With E100 blade
Red = 155-29184
Yellow = 155-29080



UB2
With B10 blade
Red = 155-29081
Yellow = 155-29190



MB2000
With replaceable E100 blade
Red = 155-29160
Yellow = 155-29161



UB2000
With replaceable B10 blade
Red = 155-29191
Yellow = 155-29192

Cera-Burr | Ceramic Tools

FOR SOFT METAL AND PLASTIC MATERIALS

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



Cera-Burr 155-90084



Cera-Burr Curve 155-00239



Visit VARGUS

VARGUS, established in 1960, is a world leading developer, manufacturer and supplier of cutting and finishing tools to the metalworking and plastics industries. VARGUS is a member of the **NEUMO Ehrenberg Group**, a diversified multi-national organization headquartered in Germany.

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