

Deburring Tools

Deburring Blades—HSS

Shaviv HSS deburring blades are the workhorse of hand deburring, suitable for most general-purpose applications. B-series blades feature a curved geometry for straight edges and hole edges, and can be inserted axially or perpendicular to the holder for versatility. E-series blades are your go-to for heavy-duty, high-pressure material removal, built thicker and longer to tackle tougher metals and larger burrs with confidence. Both series rotate clockwise and counterclockwise, allowing burr removal in either direction without repositioning the workpiece.

Features

- High-speed steel (HSS) construction for durability
- Rotating blade design works in both cutting directions
- B-series accepts axial or perpendicular insertion
- E-series supports heavy duty material removal
- Sold in packages of 10



HSS Deburring Blades Specifications																
Part Number	Product Image	Blade	Hand	For Deburring			Steel	Aluminum	Copper	Brass	Cast Iron	Stainless Steel	Plastic	Wood	Fits Holder	Price
																
151-29212		B10	Right hand	✓	✓		✓	✓	✓				✓		153-29000	\$17.00
151-29108		B11	Right hand	✓	✓		✓	✓	✓				✓		153-29000	\$19.00
151-19019		B20	Neutral	✓	✓					✓	✓		✓	✓	153-29000	\$18.00
151-29023		B30	Right hand			✓	✓	✓	✓	✓	✓	✓	✓		153-29000	\$27.00
151-29034		E100	Right hand	✓	✓		✓	✓	✓				✓		153-29004	\$23.00
151-29109		E111	Right hand	✓	✓		✓	✓	✓				✓		153-29004	\$27.00
151-29040		E200	Neutral	✓	✓		✓	✓	✓				✓		153-29004	\$25.00
151-29042		E300	Right hand			✓	✓	✓	✓						153-29004	\$30.00



Straight Edge



Hole Edge



Cross-Hole Both Edges



Deburring Tools

Deburring Blades–TiN

Shaviv TiN-coated deburring blades feature a titanium nitride coating over high-speed steel, significantly increasing blade life and wear resistance. The gold-colored TiN coating reduces friction and allows for smoother cuts, particularly on harder materials like stainless steel. Available in both B-series and E-series geometries, these blades are ideal for high-volume deburring applications where extended tool life reduces downtime and blade changes.



Features

- Titanium nitride (TiN) coating for extended blade life
- Rotating blade design works in both cutting directions
- Reduced friction for smoother cutting action
- Sold in packages of 10

TiN Deburring Blades Specifications																
Part Number	Product Image	Blade	Hand	For Deburring			Steel	Aluminum	Copper	Brass	Cast Iron	Stainless Steel	Plastic	Wood	Fits Holder	Price
																
151-29015		B10	Right hand	✓	✓		✓	✓	✓			✓	✓		153-29000	\$38.00
151-29021		B20	Neutral	✓	✓					✓	✓	✓	✓	✓	153-29000	\$38.00
151-29024		B30	Right hand			✓	✓	✓				✓	✓		153-29000	\$50.00
151-29037		E100	Right hand	✓	✓		✓	✓				✓	✓		153-29004	\$50.00
151-29099		E200	Neutral	✓	✓				✓	✓		✓	✓		153-29004	\$50.00
151-29227		E300	Right hand			✓	✓	✓	✓			✓	✓		153-29004	\$53.00



Straight Edge



Hole Edge



Cross-Hole Both Edges

Deburring Tools

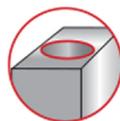
Deburring Countersinkers

Shaviv F-series countersinkers are chamfering blades designed specifically for deburring and countersinking hole edges in a single operation. The conical cutting geometry creates a clean chamfer while removing burrs from drilled or punched holes.

Deburring Countersinkers Specifications			
Part Number	Product Image	Blade	Price
151-29049		F12	\$17.00
151-29050		F20	\$23.00
151-29051		F30	\$40.00

Features

- Chamfering blade design for hole edge deburring
- High-speed steel construction
- Right hand cutting direction
- Sold individually
- Requires blade holder for F blades and universal deburring tool handle
- For use on:
 - Steel
 - Aluminum
 - Copper
 - Brass
 - Cast iron
 - Stainless steel
 - Plastic



Specialty Blades

The Shaviv R10 blade features a scraping geometry designed for deburring straight edges and sheet metal. The fixed blade design provides consistent cutting action, and the neutral cutting direction allows deburring in both stroke directions.

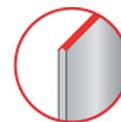
Specialty Blades Specifications					
Part Number	Product Image	Blade	For Deburring	Fits	Price
151-29141		R10	Straight edges Sheets	Blade holder for R blades and universal deburring tool handle	\$61.00

Features

- Neutral cutting direction
- High-speed steel construction
- Ideal for sheet metal deburring
- Sold in a package of 10

For Use On

- Steel
- Aluminum
- Copper
- Brass
- Cast iron
- Stainless steel
- Plastic
- Wood



Deburring Tools

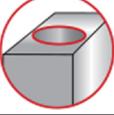
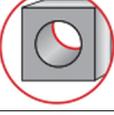
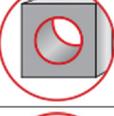
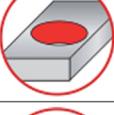
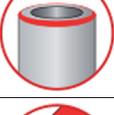
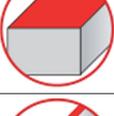
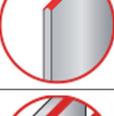
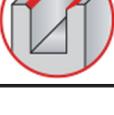
Overview

Machining operations like drilling, milling, punching, and cutting leave behind sharp edges and burrs that can cause injury, interfere with assembly, and compromise part quality. Hand deburring enables greater flexibility with varying geometries and surfaces, and can be used on a wide range of materials. Whether the application is internal or external, straight or round edges, flat surfaces, thick or thin walls, large or small holes—there’s a Shaviv tool to get the job done.

Shaviv’s modular system pairs interchangeable blades with ergonomic handles and extendable blade holders, allowing

users to reach difficult-to-access spots and switch between tasks quickly. Blades are available in both high-speed steel (Hss) for general-purpose deburring or titanium nitride (TiN) coated for significantly increased blade life.

Shaviv tools are widely used across metal fabrication, electrical, plastic, automotive, die and mold, plumbing, and aviation industries. They can be used on metals, plastics, and composites, offering versatile solutions for production and maintenance applications.

Deburring Applications		
Application	Description	
	Straight Edge	External edges of flat stock or machined surfaces
	Hole Edge	Front edge of drilled or punched holes
	Hole Back Edge	Rear/exit side of through-holes
	Cross-Hole Both Edges	Intersecting holes requiring deburring on both sides
	Hole Inner Surface	Inside walls of bores or tubes
	Outer Edge	External contours and radii
	Flat Surface	Raised burrs on flat planes
	Sheet Metal	Thin sheet metal edges
	Slots/Keyways	Internal slots and keyway channels

