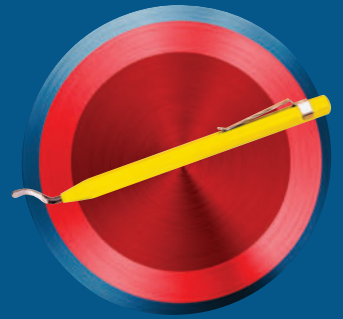




# DEBURRING TOOLS

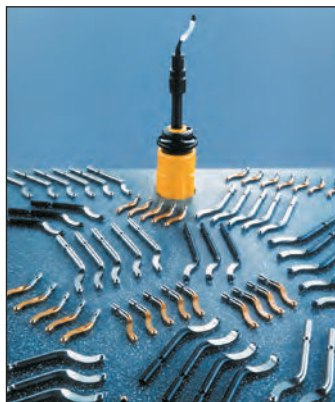
THE WORLD'S BEST DEBURRING  
TOOLS AND BLADES























**ROYAL**  
PRODUCTS  
Optimize everything.



















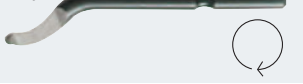



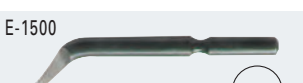





## ROYAL DEBURRING BLADES



**Great  
Low  
Prices**

STANDARD-DUTY B-BLADES		BLADES PER PACKAGE	PART NUMBER	PRICE PER PACKAGE
B-10		10	22110	<b>\$12.70</b>
		Our most popular blade. HSS for steel and aluminum.		
B-10A		10	22109	<b>13.65</b>
		Similar to B-10 blade but has a thinner profile. High cobalt content for long life. Also great for plastic.		
B-10L		10	22113	<b>12.70</b>
		HSS counterclockwise operation in steel and aluminum; ideal for lefties.		
B-10T		10	22112	<b>28.10</b>
		Titanium coated HSS for longer life; for steel and aluminum.		
B-10C		10	22117	<b>80.10</b>
		Solid carbide for hardened material.		
B-15		10	22118	<b>17.90</b>
		Very fine, precise blade; great for plastic.		
B-20		10	22120	<b>12.70</b>
		HSS for brass and cast iron; can rotate clockwise and counterclockwise.		
B-20C		10	22121	<b>84.15</b>
		Solid carbide for hardened material.		
B-30		10	22130	<b>21.80</b>
		HSS; removes internal and external burrs simultaneously from holes drilled into tubing and sheet metal.		
B-60		10	22135	<b>32.30</b>
		HSS for internal deburring of hard to reach locations.		

HEAVY-DUTY E-BLADES		BLADES PER PACKAGE	PART NUMBER	PRICE PER PACKAGE
E-100		10	22025	<b>\$15.85</b>
		Heavy Duty HSS for steel and aluminum.		
E-100A		10	22034	<b>19.80</b>
		Heavy Duty M-42 steel, good for plastic and hard materials.		
E-100L		10	22026	<b>15.85</b>
		Heavy Duty HSS for counterclockwise operation in steel and aluminum; ideal for lefties.		
E-100T		10	22027	<b>32.60</b>
		Heavy Duty titanium coated HSS for steel and aluminum.		
E-200		10	22030	<b>15.85</b>
		Heavy Duty HSS for brass and cast iron, bi-directional.		
E-300		10	22040	<b>20.65</b>
		Heavy Duty HSS; removes internal and external burrs simultaneously from holes drilled into tubing & sheet metal.		
E-350		10	22035	<b>16.65</b>
		Heavy Duty HSS for straight edges on all materials.		
E-600		10	22036	<b>32.95</b>
		Heavy Duty HSS; designed to facilitate deburring in the most inaccessible locations.		
E-101		10	22037	<b>18.70</b>
		Heavy Duty HSS for holes as small as 7/64" dia. in steel and aluminum.		
E-102		10	22039	<b>18.70</b>
		Heavy Duty HSS for small holes in brass and cast iron; can rotate clockwise and counterclockwise.		
E-1500		10	22046	<b>18.20</b>
		Heavy Duty HSS for holes as small as 1/16" dia. in steel and aluminum.		
E-1500T		10	22047	<b>48.35</b>
		Heavy Duty titanium coated HSS for holes as small as 1/16" dia. in hardened materials		
E-100P		10	22028	<b>77.80</b>
		HSS blade with non-removable plastic safety cap protects against part scratching.		

**Please contact Royal for special pricing on very large quantities.**

# ROYAL DEBURRING TOOLS



## Royal Zip/Burr™ B-Set



- ☐ Takes all B-series blades.
- ☐ Includes one B-10 blade and one B-20 blade.
- ☐ Holder telescopes from 1/2" to 5".
- ☐ Handle has storage compartment for spare blades.
- ☐ Blade can be inserted at 90° for deburring cross holes.
- ☐ Handle has lifetime guarantee – if it breaks, return it and we will replace it at no charge.

DESCRIPTION	PACKAGE OF	PART NUMBER	PRICE
Zip/Burr B-Set	1	22600	<b>\$12.00</b>
Zip/Burr Handle Only	1	22610	<b>6.55</b>
Zip/Burr B-Holder Only	1	22614	<b>6.65</b>

## Royal Multi/Burr-5



- ☐ Blades can be stored in lightweight plastic handle.
- ☐ Blades are easily changed by depressing locking button.
- ☐ Handle has lifetime guarantee.
- ☐ Comes with five blades – one each of E-100, E-200, E-350, E-101 and E-102.

DESCRIPTION	PACKAGE OF	PART NUMBER	PRICE
Multi/Burr Complete w/5 Blades	1	22022	<b>\$13.60</b>
Multi/Burr Handle Only	1	22570	<b>8.15</b>

## Royal Disposable Burr



- ☐ Low-priced yet can handle almost every deburring job.
- ☐ Consists of heavy-duty E-100 blade, handle, and handy pocket clip.
- ☐ Non-replaceable blade.
- ☐ For removing burrs from steel and aluminum.

DESCRIPTION	PACKAGE OF	PART NUMBER	PRICE
Disposable Burr	10	22050	<b>\$50.00</b>

## Royal Zip/Burr™ E-Set



- ☐ Takes all heavy-duty E-series blades.
- ☐ Includes one E-100 blade, one E-200 blade and one E-300 blade.
- ☐ Handle has storage compartment for spare blades.
- ☐ Holder telescopes from 1/2" to 5".
- ☐ Handle has lifetime guarantee – if it breaks, return it and we will replace it at no charge.

DESCRIPTION	PACKAGE OF	PART NUMBER	PRICE
Zip/Burr E-Set	1	22620	<b>\$14.05</b>
Zip/Burr Handle Only	1	22610	<b>6.55</b>
Zip/Burr E-Holder Only	1	22633	<b>6.65</b>

## Royal Double-Header Versa/Burr



- ☐ Double-header can be used with both B and E blades.
- ☐ Telescopes from 1"–4 1/2"
- ☐ Includes one B-10 blade and one B-20 blade.
- ☐ Handle has lifetime guarantee.

DESCRIPTION	PACKAGE OF	PART NUMBER	PRICE
Complete Double-Header Versa/Burr	1	22105	<b>\$15.40</b>
Versa/Burr Handle Only	1	22107	<b>6.55</b>
B/E Holder Only	1	22108	<b>8.20</b>

## Royal E-Blade Slim-Grip



- ☐ Comes with one replaceable E-100 blade and handle.
- ☐ Uses heavy-duty E-Blades.
- ☐ Great value.

DESCRIPTION	PACKAGE OF	PART NUMBER	PRICE
E-Blade Slim Grip	10	22172	<b>\$95.15</b>





# ROYAL DEBURRING TOOLS

## Royal Mini-Scraper Zip/Burr™



### Dimensions



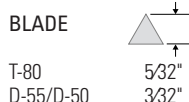
- Fine triangular scraper is ideal for tool and moldmaking work.
- Blade is secured to D-holder with a set screw.
- Includes D-50 mini blade.
- Can also use D-50 TiN and D-55 carbide blades.

DESCRIPTION	PACKAGE OF	PART NUMBER	PRICE
Complete Mini-Scraper Zip/Burr	1	22680	<b>\$21.70</b>
Zip/Burr D-Holder Only	1	22695	<b>8.20</b>
HSS Mini-Scraper Blade Only (D-50)	10	22276	<b>84.85</b>
D-55 Carbide Blade Only	10	22442	<b>153.00</b>

## Royal Slim Grip Scraper



### Dimensions



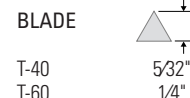
- Special Slim-Grip design for deburring in hard-to-reach locations.
- 22410 includes aluminum handle and one double-sided high speed steel T-80 blade.
- Knurled locking collar to control blade extension.
- 22420 includes aluminum handle and one single-sided solid carbide D-55 blade.

DESCRIPTION	PACKAGE OF	PART NUMBER	PRICE
Slim-Grip Scraper w/T-80 HSS Blade	1	22410	<b>\$23.00</b>
Slim-Grip Scraper w/D-55 Carbide Blade	1	22420	<b>29.10</b>
T-80 HSS Blade Only	10	22432	<b>108.00</b>
D-55 Carbide Blade Only	10	22442	<b>153.00</b>
D-50 TiN Blade Only	10	22778	<b>123.85</b>

## Royal Scraper Zip/Burr™



### Dimensions



- Replaceable scraper blades thread into the Zip/Burr holder.
- Available with either a T-40 or T-60 blade. These blades are similar in size to the T-80 and T-120 but they are only half as long.
- Blades have a #10 NF thread and are interchangeable with other brand blades.

DESCRIPTION	PACKAGE OF	PART NUMBER	PRICE
Standard Scraper with T-40 Blade	1	22730	<b>\$18.55</b>
Standard Scraper with T-60 Blade	1	22745	<b>24.60</b>
Zip/Burr T-Holder Only	1	22768	<b>6.65</b>
T-40 Blade Only	1	22760	<b>7.65</b>
T-60 Blade Only	1	22764	<b>11.20</b>

## Royal Internal Scraper Zip/Burr™



- Includes special blade for deburring
- D-66 blade is held in D-holder by a cross holes.

DESCRIPTION	PACKAGE OF	PART NUMBER	PRICE
Complete Internal Scraper	1	22710	<b>\$20.10</b>
Zip/Burr D-Holder Only	1	22695	<b>8.20</b>
HSS Internal Scraper Blade Only (D-66)	10	22302	<b>73.25</b>

## Royal Countersink Zip/Burr™



- Very useful for chamfering deep holes.
- Includes 3/4" countersink.

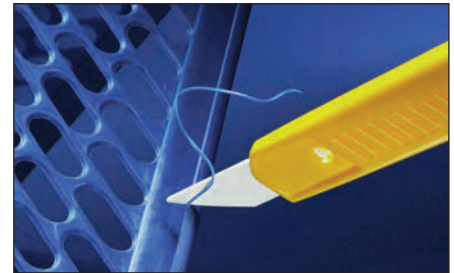
DESCRIPTION	PACKAGE OF	PART NUMBER	PRICE
Complete Countersink	1	22650	<b>\$34.90</b>
Zip/Burr C-Holder Only	1	22665	<b>6.35</b>
C-12 1/2" Countersink Only	1	22155	<b>19.70</b>
C-20 3/4" Countersink Only	1	22160	<b>24.60</b>
C-20 TiN 3/4" Countersink Only	1	22162	<b>47.30</b>
C-30 1 1/8" Countersink Only	1	22165	<b>35.85</b>

# ROYAL DEBURRING TOOLS



## Royal Ceramic Deburring Tools

Royal ceramic deburring tools offer outstanding performance in virtually all plastic and soft metal deburring applications. These solid ceramic blades and scrapers are extremely durable, resulting in superior edge life when compared with traditional blades. Try one today!



### Royal Ceramic Scraper



- ☐ Self-lubricating fixed ceramic blade.
- ☐ Interchangeable blade has a very long life.
- ☐ Great for all materials: plastics, soft metals, hard metals, etc.

DESCRIPTION	PACKAGE OF	PART NUMBER	PRICE
Ceramic Scraper	1	22151	<b>\$26.25</b>
Replacement Ceramic Blade	1	22152	<b>20.10</b>
Ceramic Scraper Handle Only	1	22149	<b>8.05</b>

### Royal Adjustable Mini Ceramic Scraper



- ☐ Self-lubricating ceramic blade.
- ☐ Long, thin profile provides access to difficult to reach areas
- ☐ Ideal for surface cleaning, trimming, deburring, and parting line deflashing of almost all plastics

DESCRIPTION	PACKAGE OF	PART NUMBER	PRICE
Adjustable Mini Ceramic Scraper	1	22146	<b>\$31.00</b>
Replacement Mini Ceramic Blade	1	22147	<b>25.80</b>
Mini Ceramic Scraper Handle Only	1	22148	<b>7.05</b>

### Royal Compact Ceramic Scraper



- ☐ Self-lubricating ceramic blade.
- ☐ Perfect for all plastic materials and soft metals.
- ☐ Ideal for surface scraping and parting line deflashing.
- ☐ Long-life interchangeable blade.

DESCRIPTION	PACKAGE OF	PART NUMBER	PRICE
Compact Ceramic Scraper	1	22140	<b>\$25.25</b>
Replacement Compact Ceramic Blade	1	22141	<b>22.80</b>
Compact Ceramic Scraper Handle Only	1	22145	<b>7.00</b>

### Royal Rotating Ceramic Burr



- ☐ Interchangeable self-lubricating ceramic blade.
- ☐ Blade rotates like a traditional deburring tool.
- ☐ Will deburr holes, contours, and edges.
- ☐ Two blade styles available:
  - Model 65 – for soft abrasive plastics
  - Model 75 – for hard abrasive plastics

DESCRIPTION	PACKAGE OF	PART NUMBER	PRICE
Rotating Ceramic Burr – 65	1	22190	<b>\$34.45</b>
Rotating Ceramic Burr – 75	1	22192	<b>34.45</b>
Ceramic Burr Handle Only	1	22194	<b>17.40</b>
Ceramic Blade 65 Only	1	22196	<b>19.05</b>
Ceramic Blade 75 Only	1	22198	<b>19.05</b>



# ROYAL DEBURRING TOOLS

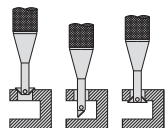
## Royal Multi-Purpose 4-in-1 Deburring Tool



- Four of our most popular blades in a single innovative tool.
  - E-100 Heavy-Duty rotating deburring blade
  - B-20 bi-directional rotating deburring blade
  - 3/8" rotating countersink blade
  - D-50 mini-scraper blade
- All blades mounted to folding steel shafts that lock into place during use, and fold neatly away into the handle when not in use.
- A great all-purpose deburring tool for non-production applications in steel, aluminum, and plastic.

DESCRIPTION	PACKAGE OF	PART NUMBER	PRICE
Multi-Purpose Deburring Tool	1	22024	<b>\$68.00</b>

## Royal Reversible Countersink



- Deburrs both inside and outside of very small holes.
- To use, hold between fingers and rotate back and forth.
- Can be used in both clockwise and counterclockwise directions.
- To insert/withdraw blade into/from hole, push knob and release slowly.

DESCRIPTION	PACKAGE OF	PART NUMBER	PRICE
Complete Mini Reversible Countersink	1	22455	<b>\$30.20</b>
Complete Standard Reversible Countersink	1	22465	<b>30.90</b>
Complete Large Reversible Countersink	1	22472	<b>40.35</b>
R-1 Mini Blade Only (1/8" – 7/32")	1	22137	<b>14.95</b>
R-2 Standard Blade Only (13/64" – 11/32")	1	22139	<b>16.20</b>
R-3 Large Blade Only (25/64" – 27/32")	1	22136	<b>18.25</b>

## Royal Double Burr



- Simultaneously removes burrs from both sides of workpiece from 1/32" to 1/2" thick.
- Unique round cutting blades can be rotated and reversed for long life.
- Blades made of M-2 steel, hardened to 64 Rc.
- Safety guard protects fingers.

DESCRIPTION	PACKAGE OF	PART NUMBER	PRICE
Double Burr w/Guard and Two Blades	1	22060	<b>\$20.10</b>
Replacement Blades of M-2 Steel	10	22065	<b>55.00</b>
Replacement Blades of M-42 Steel For Use On Stainless Steel	10	22067	<b>73.60</b>

## Royal Roto-Drive Set



- Roto-Drive – the quickest way to chamfer by hand.
- Single-flute countersink provides a smoother cut than multiple-flute countersinks.
- Very little wrist force needs to be applied, reducing the risk of injury.



Chamfer difficult-to-reach holes.



Chamfer small holes next to shoulder.

DESCRIPTION	PACKAGE OF	PART NUMBER	PRICE
Roto-Drive w/Plastic Handle and 1/8" Countersink	1	22506	<b>\$15.40</b>
Roto-Drive w/Plastic Handle and 1/4" Countersink	1	22508	<b>25.45</b>
Roto-Drive w/Plastic Handle and 5/16" Countersink	1	22510	<b>26.05</b>
Roto-Drive w/Plastic Handle and 3/8" Countersink	1	22512	<b>27.20</b>
1/8" Countersink Only	1	22520	<b>7.65</b>
1/4" Countersink Only	1	22530	<b>18.30</b>
5/16" Countersink Only	1	22540	<b>18.60</b>
3/8" Countersink Only	1	22550	<b>19.70</b>
3/8" TiN Countersink Only	1	22560	<b>30.80</b>
Plastic Handle Only	1	22570	<b>8.15</b>