



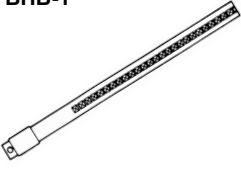













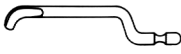


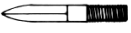
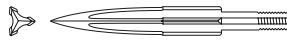


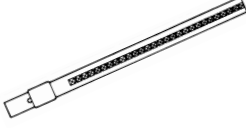
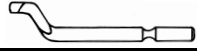

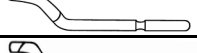

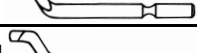

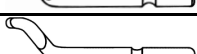

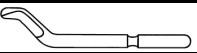

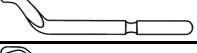

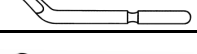



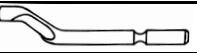



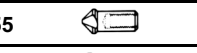








# SPARE BLADES AND HOLDERS

QUALITY BLADES FOR FAST, CLEAN CUTTING

B Series shank dia. = .100 in.

E Series shank dia. = .127 in.

MIX OR MATCH ALL BLADES  
FOR QUANTITY PRICING

BLADE HOLDERS	SPARE BLADES	DESCRIPTION	QUANTITY PRICES			
			1-99	100-49	500+	
<b>BLADE HOLDER B BHB-1</b>  All blades marked with prefix "B" fit into this holder. To insert or to release blades, press sleeve in direction of arrow. Blades B10 and B20 can be inserted vertically or horizontally. "B" blade shank diameter is .100.  <b>BHB-1 Price \$4.75 each</b>	<b>B10</b>  	The basic H.S.S. blade used for plastics, steel, aluminum and small holes. Right Handed	\$ .75	\$ .72	\$ .69	
	<b>B10L</b>  	Same as B10 except Left Handed.	\$ .76	\$ .73	\$ .70	
	<b>B10A</b>  	Same as B10 except Longer Lasting M-42 (high cobalt) Steel.	\$ .86	\$ .82	\$ .78	
	<b>B10TN</b>  	Same as B10 except Longest Lasting Titanium Nitride Coated H.S. Steel.	\$1.35	\$1.30	\$1.25	
	<b>B15R</b>  	Extremely sharp extra thin profile and an extra fine precision grind for cutting plastics.	\$ .86	\$ .82	\$ .78	
	<b>B20</b>  	This H.S.S blade is used for plastic, brass and cast iron. It can rotate clockwise and counter clockwise.	\$ .77	\$ .74	\$ .71	
	<b>B40</b> 	Scriber, carbide tipped. Can be reground many times. To remove from holder, just pull out.	\$2.00	--	--	
	<b>B60</b>  	Internal H.S.S deburring blade. Facilitates deburring in the most inaccessible locations, up to 1" deep, also cross drilled holes. H.S. Steel.	\$3.15	\$2.95	\$2.75	
<b>BLADE HOLDER VB22768</b>  Has internal #10 UNF thread to receive either size triangular scraper. Can extend 3-1/2" <b>Price \$4.35 each</b>	<b>C40</b> 	Small triangular H.S.S. scraper, 5/32" is excellent for delicate precision work. Precision ground after hardening.	\$7.50	\$7.20	--	
	 <b>VB22764</b>	Large triangular H.S.S. scraper 5/16" Precision ground after hardening.	\$7.25	--	--	
<b>BLADE HOLDER D BHD-3</b>  Grips insert by means of a #5 UNC cap screw. <b>Price \$6.75 each</b>	<b>D80</b> 	This solid carbide insert has 6 cutting edges for deburring edges up to 1/8" thickness, plus 6 further cutting edges for flat scraping.	\$6.75	\$6.55	--	
<b>BLADE HOLDER E BHE-4</b>  Takes the E# blades which are more robust than "B" blades. They can be used only in vertical position. "E" blade shank diameter is .127.  <b>BHE-4 Price \$4.75 each</b>	<b>E100</b>  	The basic H.S.S. blade, used for plastics, sheet and aluminum. Right Handed.	\$ .99	\$ .93	\$ .87	
	<b>E100L</b>  	Same as E100 except Left Handed.	\$1.00	\$ .94	\$ .88	
	<b>E100A</b>  	Same as E100 except Longer Lasting M-42 (high cobalt) Steel.	\$1.24	\$1.18	\$1.12	
	<b>E100TN</b>  	Same as E100 except Longest Lasting Titanium Nitride Coated H.S. Steel.	\$1.70	\$1.62	\$1.54	
	<b>E101</b>  	For very small drilled holes in plastics, steel or aluminum. Right Handed	\$1.10	\$1.05	\$1.00	
	<b>E102</b>  	For very small drilled holes in plastics, brass and cast iron. Can cut clockwise and counter clockwise.	\$1.10	\$1.05	\$1.00	
	<b>E1500</b>  	Same as E102 but with grind taken out to tip of blade and ground for clockwise rotation.	\$1.08	\$1.03	\$ .98	
	<b>E200</b>  	Used for plastic, brass and cast iron. Can rotate clockwise and counter clockwise. High Speed Blade.	\$ .95	\$ .90	\$ .85	
	<b>E300</b>  	Removes external and internal burrs simultaneously from holes drilled into tubing and sheet metal, also follows inside walls for burrs deeper than B10 or B20 can reach. High Speed Steel blade.	\$1.25	\$1.18	\$1.11	
	<b>E350</b>  	Especially handy for straight edges, keyways, etc. High Speed Steel.	\$1.04	\$ .99	\$ .94	
	<b>E600</b>  	Internal heavy duty H.S.S. blade. Facilitates deburring in the most inaccessible location, also ideal for deep cross drilled holes.	\$1.94	\$1.84	\$1.74	
<b>BLADE HOLDER VB22665</b>  Has an external thread M7 to receive all countersinks. <b>Price \$4.20 each</b>	<b>VB22155</b>  	1/2" dia.	These H.S.S. countersinks are very handy in cases where normal rotational deburring is impossible due to limited space.	\$12.75	--	--
	<b>VB22160</b>  	3/4" dia.		\$15.95	--	--
	<b>VB22165</b>  	1-1/4" dia		\$23.20	--	--