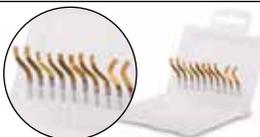




STYLE "B" HOLDER, BLADES AND SET

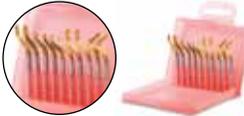
For Light-Duty Applications



BLADE	DESCRIPTION	EDP #	SHAVIV #	A&M #	SALE PRICE
INDIVIDUAL TOOLS AND BLADES					
Blade Holder B 	Fits All B Blades. Fits into basic plastic and aluminum handles.	29000	153-29000	6803872	\$5.90
Blade B10 (N1) 	High Speed Steel - used for steel and aluminum.	29012	151-29212	4650554	\$1.10
Blade B10P-TiN (N1 TiN) 	High Speed Steel - TiN coated blade for tougher applications and long life.	29015	151-29015	4649824	\$2.27
Blade B10S (N10 Cobalt) 	Cobalt used for stainless steel.	29210	151-29210	4727876	\$1.23
Blade B10C (N1 Carbide) 	Solid carbide similar to B10, for extra hard applications.	29013	151-29013	6803820	\$7.38
Blade B10D (N1 Diamond) 	Impregnated with diamond grit. Used to break corners in hardened steel, carbide, glass, plastics, etc.	29014	151-29014	6803821	\$12.53
Blade B12 	High Speed Steel - used for plastics.	29016	151-29016	4681851	\$1.10
Blade B12-P 	TiN-coated blade - used for tougher applications and long life.	29017	151-19017	4787373	\$2.27
Blade B20 (N2) 	High Speed Steel used for brass and cast iron. Rotates both clockwise and counterclockwise.	29019	151-19019	4659981	\$1.10
Blade B20-P (N2 TiN) 	TiN-coated blade for tougher applications and long life.	29021	151-29021	4698913	\$2.27
Blade B20C (N2 Carbide) 	Solid carbide, similar to B20, for extra hard applications.	29020	151-19020	4816485	\$7.38
Blade B25 (N10P) 	High Speed Steel extra fine blade suitable for deburring plastics and hard rubber type materials.	29022	151-29022	6803823	\$1.10
Blade B30 (N3) 	High Speed Steel removes external and internal burrs simultaneously from holes drilled into tubing and sheet metal.	29023	151-29023	4723040	\$1.62
Blade B30-P 	TiN-coated blade for tougher applications and long life.	29024	151-29024	4661589	\$3.03
Blade B32 	For brass and cast iron.	29025	151-29025	4787329	\$1.62
Blade B50 	Scriber, carbide tipped. Can be reground many times. To remove from holder, just pull out.	29026	151-29026	6803824	\$5.53
Blade B60 (N6) 	Internal High Speed Steel deburring blade. Facilitates deburring in the most inaccessible locations.	29027	151-29027	4650109	\$2.22
SET					
TiN Coated B Blade Multi-Pack 	Includes 5 pairs of different TiN Coated blades for a wide range of standard duty deburring applications: (2) B10P, (2) B11P, (2) B12P, (2) B20P and (2) B30P	29275	155-00252	4682277	\$24.27

STYLE "E" HOLDER, BLADES AND SET

For Heavy-Duty Applications

BLADE	DESCRIPTION	EDP #	SHAVIV #	A&M #	SALE PRICE
INDIVIDUAL TOOLS AND BLADES					
Blade Holder E 	Fits into basic plastic and aluminum handle. Takes the E blades which are more robust than B blades. They can be used only in longitudinal position.	29004	153-29004	4763845	\$5.90
Blade E100 (S10) 	High Speed Steel used for steel and aluminum.	29034	151-29034	4794614	\$1.48
Blade E100-P (S10 TiN) 	TiN-coated blade for tougher applications and long life.	29037	151-29037	4691895	\$3.03
Blade E100S 	Cobalt, tough, long life. Popular E100 geometry.	29211	151-29211	4637007	\$1.70
Blade E100C (SC10) 	Solid carbide, similar to E100, for extra hard applications.	29035	151-29035	6803827	\$7.38
Blade E100D (S10 Diamond) 	Heavy-duty blade, impregnated with diamond grit used to break corners in plastics, glass, hardened steel and carbide etc.	29036	151-29036	6803828	\$14.02
Blade E110 (S101) 	Heavy-duty blade for steel and aluminum with a special design for universality of application.	29038	151-29038	4756002	\$1.62
Blade E110-P (S101 TiN) 	TiN-coated blade for tougher applications and long life.	29039	151-29039	4729841	\$3.03
Blade E111 (S150) 	Excellent for aluminum, plastics and copper. Can deburr a minimum hole diameter of 1.5mm (0.06").	29109	151-29109	4632842	\$1.62
Blade E-200-P TiN (S20 TiN) 	For brass and cast iron. Rotates clockwise and counterclockwise.	29099	151-29099	4691896	\$3.03
Blade E200 (S20) 	Ideal for brass, cast iron and other materials with powdery chip. Can deburr in both a clockwise and counterclockwise direction.	29040	151-29040	4659983	\$1.48
Blade E200C (S20C) 	Heavy-duty blade, impregnated with diamond grit used to break corners in plastics, glass, hardened steel and carbide etc.	29041	151-29041	4659984	\$7.38
Blade E300 (S30) 	Removes external and internal burrs simultaneously for holes drilled into tubing and sheet metal.	29042	151-29042	4812941	\$1.85
Blade E320 	From brass and cast iron.	29043	151-29043	6803829	\$1.85
Blade E350 (S35) 	Especially handy for straight edges, keyways, etc.	29044	151-29044	4693812	\$1.48
Blade E400 	Mini Triangular Scraper - fixed deburring tool for fine finishing.	29233	151-29233	4691897	\$5.53
Blade E600 (S60) 	Internal heavy-duty High Speed Steel blade. Facilitates deburring in the most inaccessible locations.	29045	151-29045	4649507	\$2.95
Blade E601 	A longer version of E600.	29046	151-29046	4812942	\$3.68
Blade E604 	High Speed Steel cross-hole, back-edge with short nose.	29231	151-29231	6803862	\$5.53
Blade E700 (S70) 	Ideal for deburring plastic, also designed to deburr the inside circumference of a thick walled hole.	29047	151-29047	6803830	\$2.22
Blade E707 (RD3.2) 	High Speed Steel contour cleaner. Designed for hole and straight edge cleaning.	29232	151-29232	6803863	\$3.68
Blade E720 	Same as E700 but is used for metals and plastics with powdery chip.	29048	151-29048	6803831	\$2.22
SET					
TiN Coated E Blade Multi-Pack 	Includes 5 pairs of different TiN Coated blades for a wide range of heavy-duty deburring applications: (2) E100P, (2) E110P, (2) E111P, (2) E200P and (2) E300P	29274	155-00251	6803933	\$30.28

DEBURRING TOOL HANDLES

Universal, Click 'n' Go & Mango II Styles

Universal Handles

- Rigidly hold all blades holders.

Mango Handle

- Ergonomic style.

Click 'n' Go Handle

- Quick release button for the fast, convenient changing of blades.
- Holds E blades.
- Tool holder is built into the handle, no other parts needed.

Mango II Handles

- Classic size handle design.
- Quick release blade feature.
- Ergonomic design fits in hand comfortably and reduces worker fatigue.
- With safety lock mechanism to avoid possible injuries.

♦ **Holders Not Included On Handles (Except Click 'n' Go Handle). Must Purchase Holders Separately.**



Shaviv #152-00005



Shaviv #152-00013



Shaviv #152-00009



Shaviv #152-00016



Shaviv #152-00019

DESCRIPTION	EDP #	SHAVIV #	A&M #	SALE PRICE
Aluminum Universal Handle	29055	152-00005	4781578	\$8.85
Mango E Click 'n' Go Handle (With Built-In Holder)	29201	152-00013	6803866	\$6.63
Mango II B Handle (Holds B Blades)	90053	152-00009	4758585	\$5.53
Mango II E Handle (Holds E Blades)	90054	152-00016	6803867	\$5.53
Mango II Handle (Holds All Blades)	90055	152-00019	4799490	\$5.53



MANGO II HIGH SPEED STEEL OR COBALT BLADE SETS

For Extra Close Work • For Long Reach Work



Shaviv #155-00177



Shaviv #155-00178



Shaviv #155-00183



Shaviv #155-00179



#Shaviv #155-00180



#Shaviv #155-00181



#Shaviv #155-00184



#Shaviv #155-00182

Includes:

Sets For Extra Close Work and Normal Use

- (1) Mango II B/E handle.
- (10) Blades in either High Speed Steel or cobalt.

Sets For Long Reach Work and Heavy-Duty Use

- (1) Mango II handle.
- (1) Long reach (telescopic) holder.
- (10) Blades in either High Speed Steel or cobalt.

BLADE TYPE	TOOL MATERIAL	EDP #	SHAVIV #	A&M #	SALE PRICE
SETS FOR EXTRA CLOSE WORK AND NORMAL USE					
B10	High Speed Steel	29249	155-00177	6713534	\$12.30
E100	High Speed Steel	29250	155-00178	6713535	\$16.52
B10S	Cobalt	29255	155-00183	4708687	\$13.65
E100S	Cobalt	29251	155-00179	4680234	\$18.65

BLADE TYPE	TOOL MATERIAL	EDP #	SHAVIV #	A&M #	SALE PRICE
SETS FOR LONG REACH WORK AND HEAVY-DUTY USE					
B10	High Speed Steel	29252	155-00180	4650193	\$18.08
E100	High Speed Steel	29253	155-00181	6263616	\$22.13
B10S	Cobalt	29256	155-00184	4680291	\$24.42
E100S	Cobalt	29254	155-00182	4680585	\$19.52

PREMIUM KITS

Contain The Most Popular Tool Sets & Blades For Specific Applications



Shaviv #154-00034



Shaviv #154-00036



Shaviv #154-00040



Shaviv #154-00033



Shaviv #154-00030



Shaviv #154-00035



Shaviv #154-00045

DESCRIPTION	SET INCLUDES	EDP #	SHAVIV #	A&M #	SALE PRICE
Deburring & Scraping Standard Duty Kit	(1) Mango II Handle, (1) Holder B, (1) Holder C, (1) C Key and (1) Each of blades: B10, B11, B20, B30, B60, B70 and C40	90105	154-00034	6409720	\$43.60
Deburring & Scraping Heavy-Duty Kit	(1) Mango II Handle, (1) Holder E, (1) Holder C, (1) C Key, (1) Each of blades: C42, E100P, E111, E200, E300, E600 and E700	90106	154-00036	6803889	\$45.65
Deburring & Deflashing Heavy-Duty Kit	(1) Mango II Handle, (1) Holder B, (1) Holder E, (1) Cera Burr Ceramic Blade Tool, (1) Each of blades: B10, B11, B25, E111, E250, E400 and E707	29263	154-00040	4680231	\$58.63
Deburring & Chamfering Kit	(1) Mango II Handle, (1) Holder E, (1) Holder F, (1) Each of blades: E100S, E111, E200, E300, E601, F20 and F26X	90107	154-00033	6803888	\$79.23
Filing & Deburring Kit	(1) MB2020E Handle, (5) Different shape diamond coated files, (1) Each of blades: E100S and E400	90109	154-00030	4597598	\$112.30
Deburring & Sheet Cleaning Kit	(1) Mango II Handle, (1) Holder D, (1) Holder E, (1) Each of blades: D80C, D82C, E100, E111, E200, E300 and E700	90108	154-00035	4813609	\$48.47
TiN Coated Kit For Exotic Materials	(1) Aluminum Handle, (1) Holder B, (1) Holder E, (1) Each of blades: B10P, B11P, B20P, B30P, E100P, E111P, E200P and E300P	29272	154-00045	6409716	\$39.53

STYLE "B" DEBURRING TOOL SETS

For Light To Medium-Duty Applications



Shaviv #155-29065



Shaviv #155-29066



Shaviv #155-90056

• Each set features a variety of B style blades for long reach work on holes, slots and edges.

DESCRIPTION	SET INCLUDES	EDP #	SHAVIV #	A&M #	SALE PRICE
Classic B Deburring Set	(1) Universal Plastic Handle, (1) B10 Blade, (1) B20 Blade, (1) Blade Holder B	29065	155-29065	4649674	\$13.27
Aluminum Handle B Deburring Set	(1) Aluminum Handle, (1) B10 Blade, (1) B20 Blade, (1) Blade Holder B	29066	155-29066	4656480	\$16.97
Mango II B Deburring Set	(1) Mango II Handle, (1) B10 Blade, (1) B20 Blade, (1) Blade Holder B	90056	155-90056	4649506	\$14.38

STYLE "C" SCRAPING HOLDERS, BLADES AND SETS

Featuring Triangular Blades With 3 Cuttings Edges For High Quality Finishing & Scraping



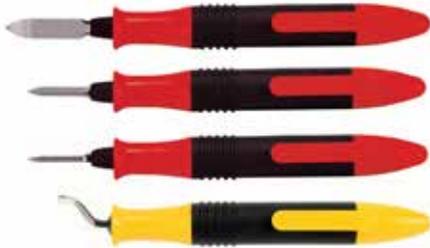
Shaviv #155-29067



Shaviv #155-00163



Shaviv #155-90062



Shaviv #154-90081



Shaviv #155-90101



DESCRIPTION	DESCRIPTION	EDP #	SHAVIV #	A&M #	SALE PRICE
INDIVIDUAL TOOLS					
Blade Holder C	Fits into basic plastic and aluminum handle. Has an internal #10 UNF thread to receive either size triangular scraper. Can be extended up to a length of 3-1/2".	29001	153-29001	5744587	\$5.90
Blade C40	Small Triangular High Speed Steel 5/32" Scraper is excellent for delicate precision work. Precision ground after hardening.	29029	151-29029	4806266	\$7.58
Blade C42	Large Triangular High Speed Steel 5/16" Scraper. Precision ground after hardening.	29030	151-29030	4607942	\$12.90
SETS					
C Set	Includes: (1) Handle, (1) C42 Blade and (1) Blade Holder C for high quality finishing and scraping	29067	155-29067	4607941	\$20.23
HC-5 Scraper Set	Includes: (1) Handy-Chuck HC1-MI or repairing and assembling watches, electrical appliances and miniature electronic equipment	29116	155-00163	6803913	\$52.33
Mango II Set C	Includes: (1) Mango II Handle, (1) C42 Blade for high quality finishing and scraping	90062	155-90062	5475466	\$21.37
Kit Scrape-Burr (3+1)	Includes: (1) Scrape-Burr 40, (1) Scrape-Burr 42, (1) Scrape-Burr 400 and (1) 'Glo-Burr B' Model for easy deburring	90081	154-90081	6803906	\$30.77
Mango II Set L	Includes: (1) Mango II Handle, (1) L Holder and (1) L10 Blade for deburring of external curved edges	90101	155-90101	6803927	\$29.92

CERAMIC BLADE SETS

For Deflashing Plastics



Shaviv #155-29238



Shaviv #155-00238



Shaviv #155-90084



Shaviv #155-00239

• Ideal for plastic deflashing, straight edge and flat surface applications.

DESCRIPTION	INCLUDES	EDP #	SHAVIV #	A&M #	SALE PRICE
Ceramix Q10 Straight Blade Set	Includes: (1) Red Handle, (1) Straight Ceramic Blade for Deflashing Plastics and (1) Box Cutter Blade	29238	155-29238	6803990	\$19.92
Cera-Burr Straight Blade	Includes: (1) Cera-Burr Straight Edge Ceramic Blade with Slim Handle and (1) Plastic Deflashing Tool	90084	155-90084	4680292	\$16.23
Ceramix Q12 Curved Blade Set	Includes: (1) Red Handle, (1) Curved Ceramic Blade for Deflashing Plastics and (1) Box Cutter Blade	90112	155-00238	6803932	\$19.92
Cera-Burr Curved Blade	Includes: (1) Cera-Burr Curved Edge Ceramic Blade with Slim Handle and (1) Plastic Deflashing Tool	90113	155-00239	4681472	\$16.23

STYLE "E" DEBURRING TOOL SETS

For Heavy-Duty Deburring Applications



Shaviv #155-29069



Shaviv #155-290065



- Popular basic sets for heavy-duty deburring on long reach work on holes, slots and edges.

DESCRIPTION	SET INCLUDES	EDP #	SHAVIV #	A&M #	SALE PRICE
E Set	Includes: (1) Handle, (1) E100 Blade, (1) E200 Blade, (1) E300 Blade and (1) Blade holder E	29069	155-29069	6803950	\$15.48
Mango II Set E	Includes: (1) Ergonomic Style Mango II Handle, (1) E Blade Holder, (1) E100 Blade, (1) E200 Blade and (1) E300 Blade	90065	155-90065	4680584	\$16.60

STYLE "F" COUNTERSINKING DEBURRING TOOLS AND SETS

For Use Where Normal Rotational Deburring Is Impossible Due To Limited Space



Shaviv #155-29070



Shaviv #155-90071



Shaviv #155-90072



Shaviv #155-90073



- Popular countersinking tools and sets for heavy-duty chamfering and countersinking hole edges.

 Need help selecting the right SHAVIV deburring tool for your application? Please call.

DESCRIPTION	DESCRIPTION / INCLUDES	EDP #	SHAVIV #	A&M #	SALE PRICE
INDIVIDUAL TOOLS					
Blade Holder F	Fits into any Plastic, Aluminum, Mango or Mango II Handle.	29005	153-29005	6803874	\$5.90
Blade Holder FR Ratchet Style	Fits into any Plastic, Aluminum, Mango or Mango II Handle.	29006	153-29006	6803875	\$14.48
Blade F 12	12mm (1/2") Diameter	29049	151-29049	4684824	\$14.40
Blade F 20	20mm (3/4") Diameter	29050	151-29050	6803832	\$19.72
Blade F 30	30mm (1-1/4") Diameter	29051	151-29051	6803833	\$34.12
SETS					
Style F Countersinking Set	Includes: (1) Blade F20, (1) Blade Holder F and (1) Universal Plastic Handle	29070	155-29070	6803951	\$30.77
Mango II Set F	Includes: (1) Ergonomic Style Mango II Handle, (1) F Countersink Holder and (1) F20 20mm Countersink	90071	155-90071	4597599	\$31.90
Mango II Set FR	Includes: (1) Ergonomic Style Mango II Handle, (1) FR Ratcheting Countersink Holder and (1) F20 20mm Countersink	90072	155-90072	6803998	\$40.48
Mango II Set BURR-EX	Includes: (1) Ergonomic Style Mango II Handle, (1) FR Ratcheting Countersink Holder and (1) F26X 26mm Outside External Edge Chamfering Blade for Tubes and Pipes	90073	155-90073	5133696	\$44.30

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