

**1-800-GRAINGER (472-4643)**

**Deburring Blade Material and Application Chart**

**BLADE MATERIALS**

- Ceramic**—Use for deflashing plastic materials.
- High Speed Steel**—Excellent general purpose blade for use on most materials.
- Cobalt (S)**—The best choice for Stainless Steel.
- Carbide (C)**—Best for Hardened Steel and Cast Iron.
- TiN Coated (P)**—Significantly increases HSS blade life.

**APPLICATIONS**

- Series B**—Use on straight and front hole edges to remove burrs and other surface defects.
- Series C**—Use on flat surfaces and front and back hole edges.
- Series D**—Use for precision work on thin-gage sheet metal.
- Series E**—Use on sheet edges in hard-to-reach applications.
- Series BURR-BI**—Use on hard and soft materials, including sheet metal up to 16mm (0.63") thick.

- Series F**—Use on hole edges (ID) and outer edges (OD).
- Series K**—Use for finishing and deburring sheet edges.
- Series L**—Use on inner and outer straight and hole edges on sheet metal.
- Series M**—Use for deburring and finishing tube edges.
- Series U**—Miniature tools for deburring and scraping applications in dies and molds industry.



**Deburring Tool Blades and Holders**

Refer to the Deburring Blade Material and Application Chart above for descriptions and applications.



Series	Material	Item No.	Pkg. Qty.	Series	Material	Item No.	Pkg. Qty.
<b>Round Double Sided Blades</b>							
Shaviv							
R10	High Speed Steel	45NW90	10	E 100D	High Speed Steel	45JD40	10
<b>Deburring Replacement Blades</b>							
Shaviv				E 100L	High Speed Steel	45JD90	10
B	TiN	45NX55	10	E 100P	TiN	45JD41	10
B10	High Speed Steel	45NW84	100	E100PL	TiN	45NW95	10
B10	High Speed Steel	45JD16	1	E100S	Cobalt	45NX29	10
B10C	Carbide	45JD17	10	E 110	High Speed Steel	45JD42	10
B10L	High Speed Steel	45JD88	10	E 110P	High Speed Steel	45JD43	10
B10P	TiN	45JD19	10	E 111	High Speed Steel	45JD95	10
B10S	Cobalt	45NX28	10	E111P	TiN	45NX40	10
B10S	Cobalt	45NX30	10	E 120	High Speed Steel	45JD62	10
B11	High Speed Steel	45JD94	10	E 200	High Speed Steel	45JD44	10
B11P	High Speed Steel	45JE07	10	E 200C	Carbide	45JD45	10
B12	High Speed Steel	45JD20	10	E 200P	High Speed Steel	45JD91	10
B12P	High Speed Steel	45JD21	10	E200S	Cobalt	45NX08	10
B20	High Speed Steel	45JD23	10	E 250	High Speed Steel	45JD92	10
B20C	Carbide	45JD24	10	E 300	High Speed Steel	45JD46	10
B20P	TiN	45JD25	10	E300P	TiN	45NX31	10
B25	High Speed Steel	45JD26	10	E 320	High Speed Steel	45JD47	10
B25C	Carbide	45JD96	10	E 350	High Speed Steel	45JD48	10
B30	High Speed Steel	45JD27	10	E400	High Speed Steel	45NX36	10
B30P	TiN	45JD28	10	E450	High Speed Steel	45NX37	10
B32	High Speed Steel	45JD29	10	E 600	High Speed Steel	45JD99	10
B60	High Speed Steel	45JD31	10	E 601	High Speed Steel	45JD50	10
B70	Carbide	45JD32	10	E 700	High Speed Steel	45JD51	10
BUS2	High Speed Steel	45NX21	5	E 720	High Speed Steel	45JD52	10
C40	High Speed Steel	45JD33	10	F 12	High Speed Steel	45JD53	10
C42	High Speed Steel	45JD34	10	F 20	High Speed Steel	45JD54	10
C50	High Speed Steel	45JE04	2	F26X	High Speed Steel	45NW93	10
C60	High Speed Steel	45JE05	2	F30	High Speed Steel	45JD55	10
D80C	Carbide	45JD35	10	Q10	Ceramic	45NX38	10
E100	High Speed Steel	45NW94	100	UB 2000	High Speed Steel	45JD93	10
E100	High Speed Steel	45JD38	10	UF 1	High Speed Steel	45JD90	10
E100C	Carbide	45JD39	10	US 1	High Speed Steel	45JD81	10
E100CL	Carbide	45JD98	10	<b>Westward</b>			
				B 10	High Speed Steel	3VB49	10
				E 200	TiN	2NXH7	10

Series	Brand	Item No.
<b>Deburring Blade Holders</b>		
Type B, Axially or Perpendicular	Shaviv	45JD06
Type C	Shaviv	45JD07
Type E	Shaviv	45JD10
Type F	Shaviv	45JD11
Type M, B, E	Shaviv	45NW87
<b>Deburring Handles</b>		
Dual Compound E	Shaviv	45NX25
Type B	Shaviv	45NX60
Type B, C, D, D5, E, F, FR, G, G3, K, L, U, Burr-Bi	Shaviv	45NX62
Type E	Shaviv	45NX61
<b>Hand Deburring Blade Tool Sets</b>		
Type E, For Straight Edges, Hole Edges, Cross Hole Both Edges	Shaviv	45NX54
<b>Ratchet Blade Holders</b>		
Type F	Shaviv	45JD12
<b>Tool Holder, Handle &amp; Blade</b>		
C Blade Holder, C42 Blade, Mango II Handle	Shaviv	45NX67
Disposable Deburring Tool, Q Series, Curved Ceramic Blade	Shaviv	45NY07
E Series, Deburring Tool Set, Yellow Hex Shaped Handle with Pocketclip	Shaviv	45NX06
E Series, Yellow Hex Shaped Handle with Pocketclip, Fixed Heavy Duty Blade	Shaviv	45NX17
F20 Blade, FR Ratcheting Blade Holder, Mango II Handle	Shaviv	45NX76
F26X Blade, FR Ratcheting Blade Holder, Mango II Handle	Shaviv	45NX77
F Blade Holder, F20 Blade, Mango II Handle	Shaviv	45NX75
Glo-Burr Handle, Permanently Attached Ceramic Blade	Shaviv	45NX87

**Deburring Tool Sets**

Refer to the Deburring Blade Material and Application Chart above for descriptions and applications.

Description	Series	Includes	Item No.
Plumber Set	B, E	Ergo-Burr II Handle, F Holder, F26X OD Countersink, Glo-Burr E Handle with E100 Blade, (3) E100 Blades in Carrying Case	52JH86
Electrician Set	B, E	Mango II Handle, F Holder, F12 Countersink, MB2000 Handle with E100 Blade, E111 Blade, E400 Scraper Blade in Carrying Case	52JH85
	B	(2) B Blades, B Blade Holder, Mango II Handle	45NX63
	B	B Holder, B10 and B20 Blades, Handle	45JD68
	B	B Holder, B10 and B20 Blades, Handle	45JD69
	B, C	Mango II Handle, B, C Holders, B10, B20, B30, B60, B11, B70 Blades, C40 Scraper Blade	45NX98
	B, E	Aluminum A Handle, TiN Coated Blades	45NX52
	B, E	Mango II Handle, M Blade Holder, B10, B20, B30, E100, E111, E200 Blades	45NX90
	B, E	Mango II Handle, M Blade Holder for B, E Blades, E100 Blade, E111 Blade, E250 Blade, E400 Scraper Blade, Glo-Burr Handle, B30 Blade, B20 Blade in Carrying Case	52JH83
Deburring Tool Sets	B, E	Mango II Handle with B, E Holders, B10, B11, B25, E111, E250, E400, E707 Blades, Cera-Burr Ceramic Blade Tool	45NX51
	BURR-BI	(2) R10 Blades, BR Holder, Handguard, Mango II Handle	45NX91
	E	(3) E Blades, E Blade Holder, Mango II Handle	45NX70
	E	(4) Handles, E100, E200, E300 and E111 Blades	45JE01
	E	Aluminum A Handle, E Blade Holder, E100, E200, E300 Blades	45NX89
	E	E Holder, E100, E200 and E300 Blades, Handle	45JD72
	E, C	Mango II Handle, E, C Holders, E100P, E111, E200, E300, E600, E700 Blades, C42 Scraper Blade	45NX99
	U	Aluminum A Handle, U Holder, Scrape-Burr 400, Fine-Finishing Blades BUS1, BUS2, BUS31, BUS4	45NX53
Auto-Burr Set	B, E	Aluminum A Handle, FR Ratcheting Holder, F26X OD Countersink, F20 Countersink, UB2000 Handle with B11 Blade, B20 Blade, B25 Blade, B10S Cobalt Blade, B30 Blade in Carrying Case	52JH84
Aluminum Works Set	B, E	Aluminum A Handle, F Holder, F12 Countersink, MB2000 Handle with E200 Blade, E300 Blade in Carrying Case	52JH87



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