



DEBURRING PROGRAM

FASCINATION FOR PRECISION®

Range and applications overview.



Material	Surface	Type	Description	Material thickness mm	Packing unit	Article no.	Page
HSS		B10	Unigrat B 10		10	107 012	274
HSS		B20	Unigrat B 20		10	107 014	274
HSS		B30	Unigrat B 30	4,0	10	107 015	274
TC		B50	Unigrat B 50		1	107 016	274
HSS		B60	Unigrat B 60	20,0	10	107 017	274
TC		B70	Unigrat B 70	3,0	1	107 018	274
HSS		C40	Unigrat C 40	4,0	1	107 020	274
HSS		C42	Unigrat C 42	8,0	1	107 021	274
TC		D80	Unigrat D 80	3,0	1	107 023	275
TC		D82	Unigrat D 82	8,0	1	107 024	275
HSS		E100	Unigrat E 100		10	107 026	275
HSS		E200	Unigrat E 200		10	107 027	275
HSS		E300	Unigrat E 300	4,0	10	107 028	275
HSS		E350	Unigrat E 350		10	107 029	275
HSS		E600	Unigrat E 600	20,0	5	107 030	275
HSS		F12	Unigrat F 12	Ø 12,0	1	107 032	275
HSS		F20	Unigrat F 20	Ø 20,0	1	107 033	275
HSS		F30	Unigrat F 30	Ø 30,0	1	107 034	275
HSS			Rapid deburrer		1	107 052 107 054	276
HSS		N	Groove deburrer		1	107 062 107 063	277
HSS			Double deburrer	10,0	1	107 060 107 061	277
HSS			Tube deburrer	Ø 4,0 - 36,0	1	107 053	277

	Rust-resistant steel	Steel	Sheet metal	Cast iron	Aluminium	Copper	Brass	Polyacetal	Polyamid (PA)	Polyvinyl chlorid (PVC)	Polyphenylene oxide	Polyethylene	Polypropylene	Poly carbonate	Polytetrafluoroethylene	Polystyrene
																
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A Unigrat „Universal Handle”

This handle fits all holders B-C-D-E-F.

With the locking head withdrawn, the steel holders can be adjusted up to 100,0 mm in length and can be locked in any position. The replacement blades fit in the bottom cavity of the handle.

Packing unit: in plastic pack

	L1 mm	Article no.	
Universal handle A	150,0	107 010	1



B Unigrat „Blade B”

Packing unit: in plastic pack

		Article no.	
B10	The HSS blade most commonly used for internal and external deburring work on long-chipping materials such as steel, aluminium, plastics etc.	107 012	10
B20	This HSS blade is used for short-chipping materials such as brass and cast iron. Can be used in both directions.	107 014	10
B30	This HSS blade is suitable for the simultaneous deburring of inside and outside bores in material up to 4,0 mm thickness.	107 015	10
B50	Scriber with carbide-tipped point, regrindable.	107 016	1
B60	This HSS blade removes burrs from the back of material up to 20,0 mm thickness.	107 017	10
B70	This carbide-tipped blade deburs workpieces made of material up to 3,0 mm thickness.	107 018	1



C Unigrat „Blade C”

Packing unit: in plastic pack

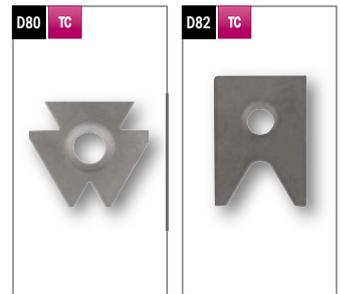
		Article no.	
C40	Small HSS triangular scraper 4,0 x 20,0 mm for precision work on surfaces up to 4 mm width.	107 020	1
C42	Large HSS triangular scraper 8,0 x 30,0 mm for standard work on surfaces up to 8,0 mm width.	107 021	1



D Unigrat „Blade D"

Packing unit: in plastic pack

			Article no.	
D80	Reversible tungsten-carbide insert for blunt scraping and deburring sheet metal up to 3,0 mm thickness. 6 cutting edges.	107 023	1	
D82	Reversible tungsten-carbide insert for deburring sheet metal up to 8,0 mm thickness. 2 cutting edges.	107 024	1	



E Unigrat „Blade E"

Packing unit: in plastic pack

			Article no.	
E100	HSS blade with B 10 cutting edge, long shank only. For internal and external deburring work on long-chipping materials such as steel, aluminium, plastics etc.	107 026	10	
E200	HSS blade with B 20 cutting edge, long shank only. For short-chipping materials such as brass and cast iron. Usable in both directions.	107 027	10	
E300	HSS blade with B 30 cutting edge, long shank only. For simultaneous deburring of internal and external bores in materials up to 4,0 mm thickness.	107 028	10	
E350	This HSS blade is suitable for deburring straight edges, keyways etc.	107 029	10	
E600	This HSS blade is suitable for deburring from behind in materials up to 20,0 mm thickness.	107 030	5	



F Unigrat „Blade F"

Packing unit: in plastic pack

			Article no.	
F12	HSS countersinker for deburring bores up to Ø 12,0 mm.	107 032	1	
F20	HSS countersinker for deburring bores up to Ø 20,0 mm.	107 033	1	
F30	HSS countersinker for deburring bores up to Ø 30,0 mm.	107 034	1	



Unigrat „Steel holder”

Packing unit: in plastic pack

	Article no.	
Steel holder B	107 011	1
Steel holder C	107 019	1
Steel holder D	107 022	1
Steel holder E	107 025	1
Steel holder F	107 031	1



Edge trimmer with HSS blades

- Plastic handle with removable back for spare blade storage.
- Exchangeable blades.
- Ideal for trimming edges, tubes, steel, aluminium, brass and copper sheets, cast iron and plastic sheets.

Packing unit: in plastic pack

	Article no.	
Edge trimmer A1 complete with E 100 HSS blade	107 050	1
4-piece set of edge trimmer A3 complete with 3 HSS blades	107 051	1



Rapid deburrer with HSS blade

- Hexagonal aluminium handle.
- Small and handy.
- Pocket-sized for permanent readiness.

Packing unit: in plastic bags of 1 each

	Article no.	
Rapid deburrer with non-exchangeable E 100 HSS blade	107 052	1
Rapid deburrer with exchangeable E 100 HSS blade	107 054	1

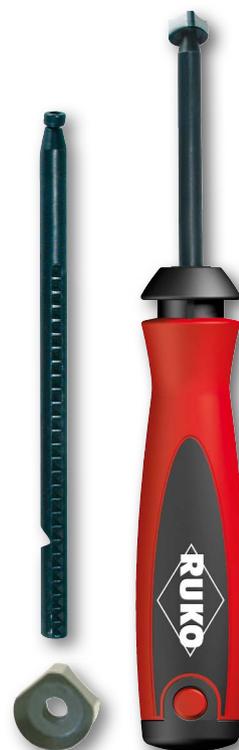


Groove deburrer set "N" with HSS disk blade

- Plastic handle.
- Exchangeable HSS disk blade.
- Ideal for grooves from 2,4 - 11,0 mm width.
- Especially suitable for deburring shaft keyways and bores in steel and aluminium.

Packing unit: in plastic pack

	Article no.	
3-piece set of groove deburrer "N" 3 pieces with RUKO universal handle A	107 062	1
1 replacement steel holder N	107 037	1
1 replacement HSS disk blade	107 063	1



Double deburrer with HSS disk blades

- Plastic handle with hand protector and 2 HSS blades.
- Exchangeable HSS disk blades.
- The disk blades can be turned when the cutting surfaces become worn, enabling the whole blade circumference to be utilized.
- The distance between the disk blades can be adjusted.
- Suitable for double-sided deburring of steel, aluminium, brass, copper and plastic sheets up to 10,0 mm thickness.

Packing unit: in plastic pack

	Article no.	
Double deburrer, complete	107 060	1
Replacement HSS disk blade	107 061	2



Tube deburrer with HSS cutting edges

- Ideal for internal tube deburring.
- Ideal for external tube deburring.
- Suitable for tube diameters from 4,0 to 36,0 mm.

Packing unit: in plastic pack

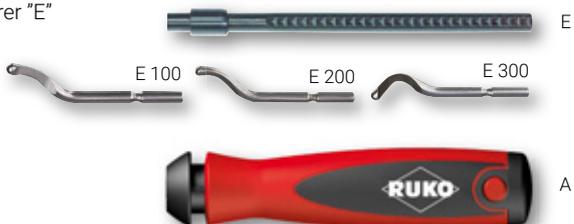
	Article no.	
Tube deburrer	107 053	1



Unigrat sets

A rational deburring system for all deburring work that has to be done by hand.
 The wide selection of blades provides a wide range of deburring possibilities for bores and edges.
 The various blades enable you to debur bores from inside, outside or on both sides, as the blade itself adapts to the contours.

Packing unit: in plastic packs

	Article no.
4-piece set of unigrat deburrer "B" 	107 003
3-piece set of unigrat deburrer "C" 	107 004
4-piece set of unigrat deburrer "D" 	107 005
5-piece set of unigrat deburrer "E" 	107 006
3-piece set of unigrat deburrer "F" 	107 007

