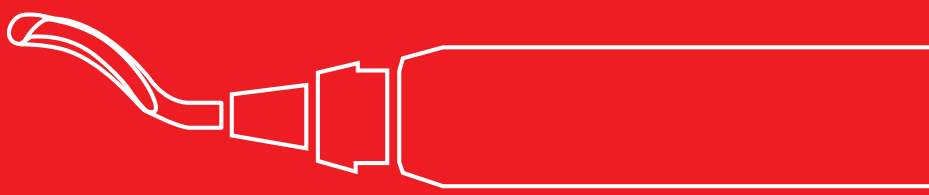
DEBURRERS

Type and applications overview	290 – 291
Unigrat "Universal Handle"	292
Unigrat "Blades B, C, E"	292 – 293
Unigrat "Steel holder"	293
Edge trimmer with HSS blades	293
Rapid deburrer with HSS blade	294
Double deburrer with HSS disk blade	294
Tube deburrer with HSS cutting edges	294
Unigrat sets	295

12



Type and applications overview

	Material	Surface	Type	Description	Material thickness mm	Packing unit	Item no.	Page
	HSS	Blank	B10	Unigrat B 10		10	107 012	292
	HSS	Blank	B20	Unigrat B 20		10	107 014	
	HSS	Blank	B30	Unigrat B 30	4,0	10	107 015	
	TC HM	Blank	B50	Unigrat B 50		1	107 016	
	HSS	Blank	B60	Unigrat B 60	20,0	10	107 017	
	TC HM	Blank	B70	Unigrat B 70	3,0	1	107 018	
	HSS	Blank	C40	Unigrat C 40	4,0	1	107 020	
	HSS	Blank	C42	Unigrat C 42	8,0	1	107 021	
	HSS	Blank	E100	Unigrat E 100		10	107 026	293
	HSS	Blank	E200	Unigrat E 200		10	107 027	
	HSS	Blank	E300	Unigrat E 300	4,0	10	107 028	
	HSS	Blank	E350	Unigrat E 350		10	107 029	
	HSS	Blank	E600	Unigrat E 600	20,0	5	107 030	
	HSS	Blank		Rapid deburrer		1	107 052 107 054	294
	HSS	Blank		Double deburrer	10,0	1	107 060 107 061	
	HSS	Blank		Tube deburrer	Ø 4,0 – 36,0	1	107 053	

Stainless steel	Steel	Sheet metal	Cast iron	Aluminium	Copper	Brass	Polyacetal	Polyamid (PA)	Polyvinyl chlorid (PVC)	Polyphenylene oxide	Polyethylene	Polypropylene	Poly carbonate	Polytetrafluoroethylene	Polystyrene
	●			●	●		●	○	●	●	●	●	●	●	●
			●			●	●	○	●	●	○	●	●	●	●
	●			●	●		●	●	●	●	●	●	●	●	○
○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○
	●			●	●		○	○	○	○	○	○	○	○	○
●	●	●		●	●	○	○		●	●			●		○
	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○
	●	○	○	○	●	○	○	○	○	○	○	○	○	○	○
	●			●	●		●	○	●	●	●	●	●	●	●
			●			●	●	○	●	●	○	●	●	●	●
	●			●	●		●	●	●	●	●	●	●	●	○
			●			●									
	●			●	●		●	○	○	○	○	○	●	●	○
	●			●	●		●	○	●	●	●	●	●	●	●
○	●	○	○	●	●	○	○	○	○	○	○	○	○	○	○
○	●		○	●	●	○	●	○	●	●	●	●	●	○	●

● Main application ○ Other application

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With the locking head withdrawn, the steel holders can be adjusted up to 100,0 mm in length and can be locked in any position.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.

Packaging: plastic

	L1 mm		
Universal handle A	150,0	107 010	1

B Unigrat "Blade B"

Packaging: plastic

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"

Packaging: plastic

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

E Unigrat "Blade E"

Packaging: plastic

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

Unigrat "Steel holder"

Packaging: plastic

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.

Packaging: plastic

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.

Packaging: self-service bag

Rapid deburrer – blade not changeable E 100 HSS blade	107 052	1
Rapid deburrer – blade changeable E 100 HSS blade	107 054	1

Double deburrer with HSS disk blade

- 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.

Packaging: plastic

Double deburrer, complete	107 060	1
Replacement HSS disk blade	107 061	2

Tube deburrer with HSS cutting edges

- Ideal for internal and external deburring of pipes.
- Can be used for pipe diameters from 4.0 to 36.0 mm.

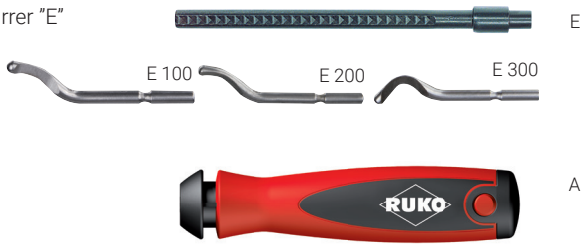
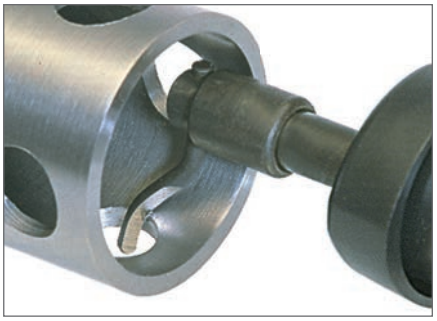
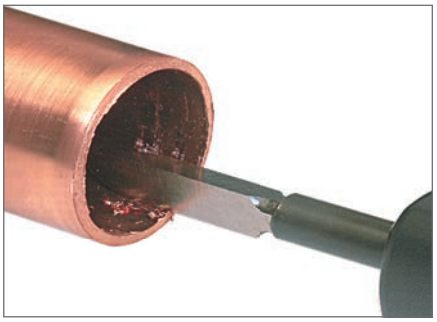
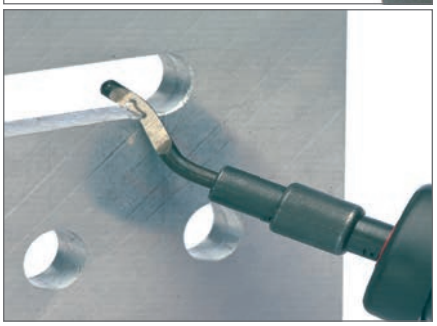
Packaging: plastic

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.

Packaging: plastic

4-piece set of unigrat deburrer "B"	107 003
3-piece set of unigrat deburrer "C"	107 004
5-piece set of unigrat deburrer "E" 	107 006