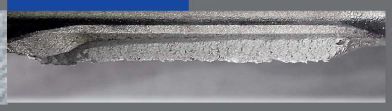
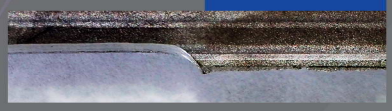
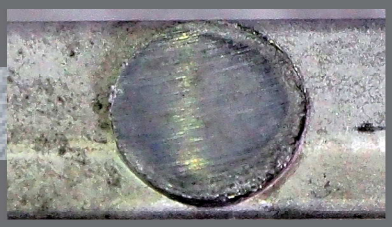
DEBURRING KREUZ

Specially desiged tools

Cutter
JF brush

	Before processing	After processing
Milling cutter		
JF brush		

KREUZ Co.,LTD.

We manufacture tools for deburring with multi-axis robots, special machines, machine tools, etc. Depending on the machining method, you can select "Milling cutter" for side machining, "Chamfering cutter" for machined surface, "JF brush" with minimum deformation, and "N file"of vibration tools.

Example

Milling cutter

For burrs of parting lines of die-cast products, gate overflow marks, parting lines of castings, etc.

length	Blade length	Shank diameter	Material type	Note
150	55 (22/30)	Φ10	Tool steel	Multi-blade type Front end taper angle 10° Φ13 with flange for stop positioning

length	Blade length	Shank diameter	Material type	Remarks
120	40	Φ8	Carbide	Front end taper angle15°

length	Blade length	Shank diameter	Material type	Special note
100	10	Φ8	Carbide	

length	Blade length	Shank diameter	Material type	Special note
150	55 (22/30)	Φ10	Carbide	Front end taper angle 10°

length	Blade length	Shank diameter	Material type	Special note
80	32.2 (10.8/11.4 /10.0)	Φ8	Carbide	Front end taper angle 50°

Chamfer cutter

For processing burrs of castings and forgings.

length	Blade length	Shank diameter	Material type	Special note
37	7	Φ6	Carbide	Front end angle 90° Re-griding

length	Blade length	Shank diameter	Material type	Special note
100	13.1	Φ12	Carbide	Front end angle 90° Re-griding

【Tip】

length	Blade length	Shank diameter	Material type	Special note
28	5.5	Φ6	Carbide	Front end taper angle 120°

【Dedicated holder】

length		Shank diameter	Material type	Special note
94.5		Φ10	Tool steel	Uses M4 set screws

All tools are specially designed.
After determining specifications such as total length, shank diameter, blade length, and number of blades, we will ship within 10 business days (with exceptions).

JF Brush

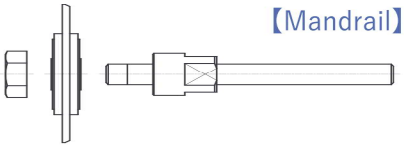
Bristles of the brush is hardend with resin to avoid spreading and additionaly shaped, which is easy to use with the automatic equipment. Long life and stable deburring is possible.

Outer diameter	length	Hair length	Tube length	Shank diameter	Wire rod	Special note
9.5	55	10	55	Φ10	Steel wire	Front end taper angle 10° Possible to use for outer circumference. Recomend combining use wirh F1-10003

【Brush】

Outer diameter	Tip diameter	Hole diameter	Hole thickness	Step diameter	Material type	Special note
65 angle 45°	15	10	14	40	Steel wire	Front end taper angle 45°

【Mandrail】



length	Outer diameter	Shank length	Shank diameter	Screw diameter	Special note
135	20	83	Φ10	M10	Front end angle 90°

【Integrated】

Outer diameter	Tip diameter	Shank length	Shank diameter	Hair length	Material type
25	5	37.5	Φ3	10	Steel wire

N file

Reciprocating tool which is used by attaching air scaler [SC-70]

length	Blade length	Shank diameter	Material type	Special note
92	25	Φ6	Carbide	Front end taper angle 50°

Burr stick

Sand core deburring tool which used by attaching air scaler [SC-30, SC-34]

length	Blade length	Shank diameter	Material type	Special note
98	40	Φ2.5	Carbide	Required grooving of the shank part.

length	Blade length	Shank diameter	Material type	Special note
100	40	Φ3	Carbide	Required grooving of the shank part.

Stepped drill

There are 2 size diameter drill in one tool and it can reduce the number of tool.
Any diameter and length are available.

length	Blade length	Shank diameter	Material type	Special note
140 (30/30)	60	Φ10	Carbide	

We also have a lineup of tools that can be used in combination with a special holder for processing applications.

Please check the related catalog for details.

- Ejector pin trace burr → EP cutter
- Gear spline chamfer → N-Bite
- Chamfering the outer circumference of the shaft end face → NX-Holder
- Cross hole deburring → X Tool / NX-Holder

KREUZ Co.,Ltd
102-7 Jindoike, Noda-cho, Kariya, Alchi, 444-0803 JAPAN
TEL:+81-566-22-5263 FAX:+81-566-25-3339

※All rights reserved. 2021 KREUZ Co.,Ltd.
※Tool specifications are subject to change without notice.