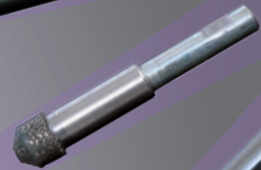
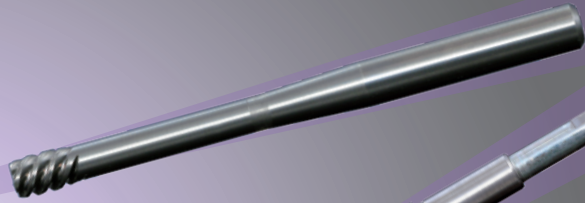




Specially designed tools

Cutter JF brush



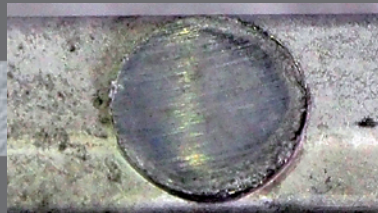
Before
processing

After
processing

Milling cutter



JF brush



KREUZ Co.,LTD.



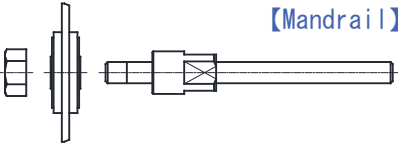

We manufacture tools for deburring with multi-axis robots, special machines, machine tools, etc. Depending on the machining method, you can select "Milling cutter" for side machining, "Chamfering cutter" for machined surface, "JF brush" with minimum deformation, and "N file" of vibration tools.


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 angle 15°
	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 20°
	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°
Chamfering 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°
	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	Φ6	Steel wire	Front end taper angle 90° 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°
[Mandrai l]		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	

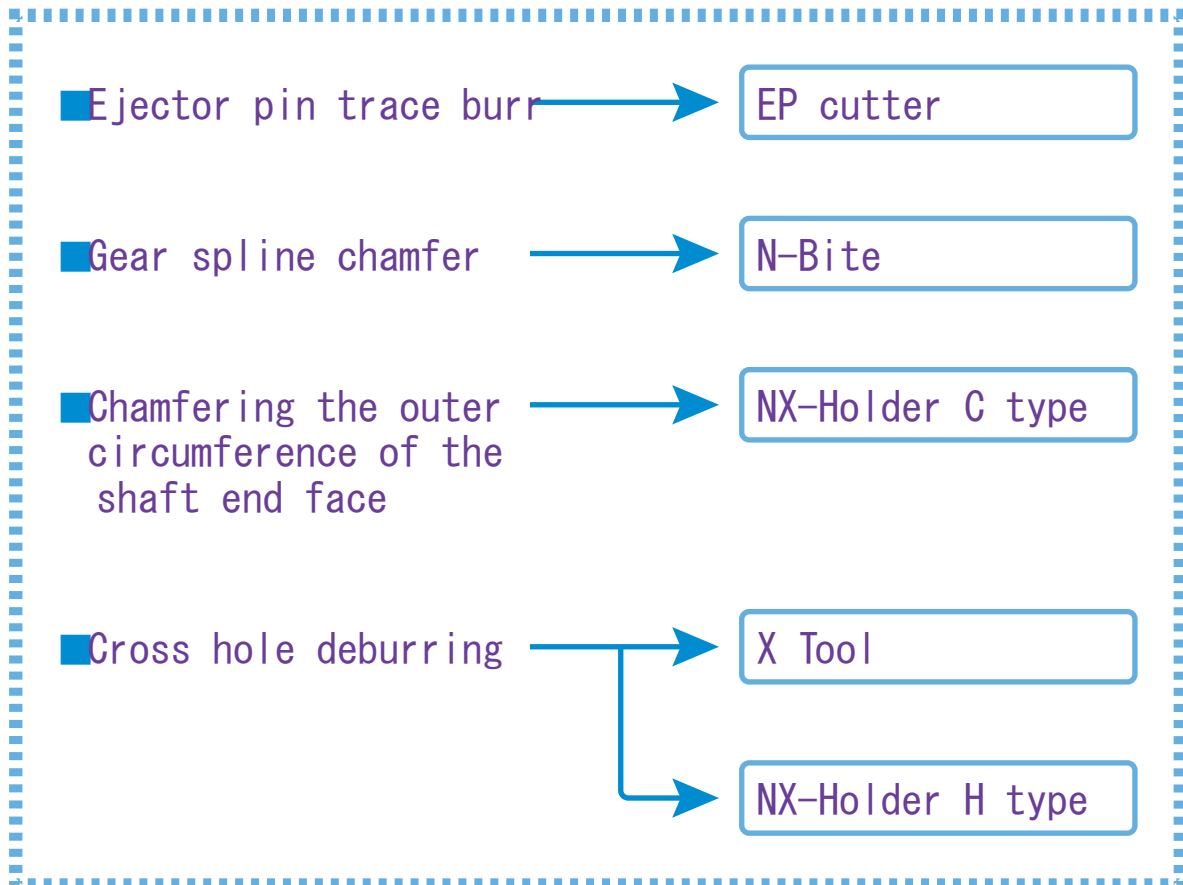
N file		Reciprocating tool which is used by attaching air scaler [SC-70]			
	length	Blade length	Shank diameter	Material type	Special note
	92	25	Φ6	Carbide	Front end taper angle 50°

Burr stick		Sand core deburring tool which used by attaching air scaler [S630, 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 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.



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※Tool specifications are subject to change without notice.