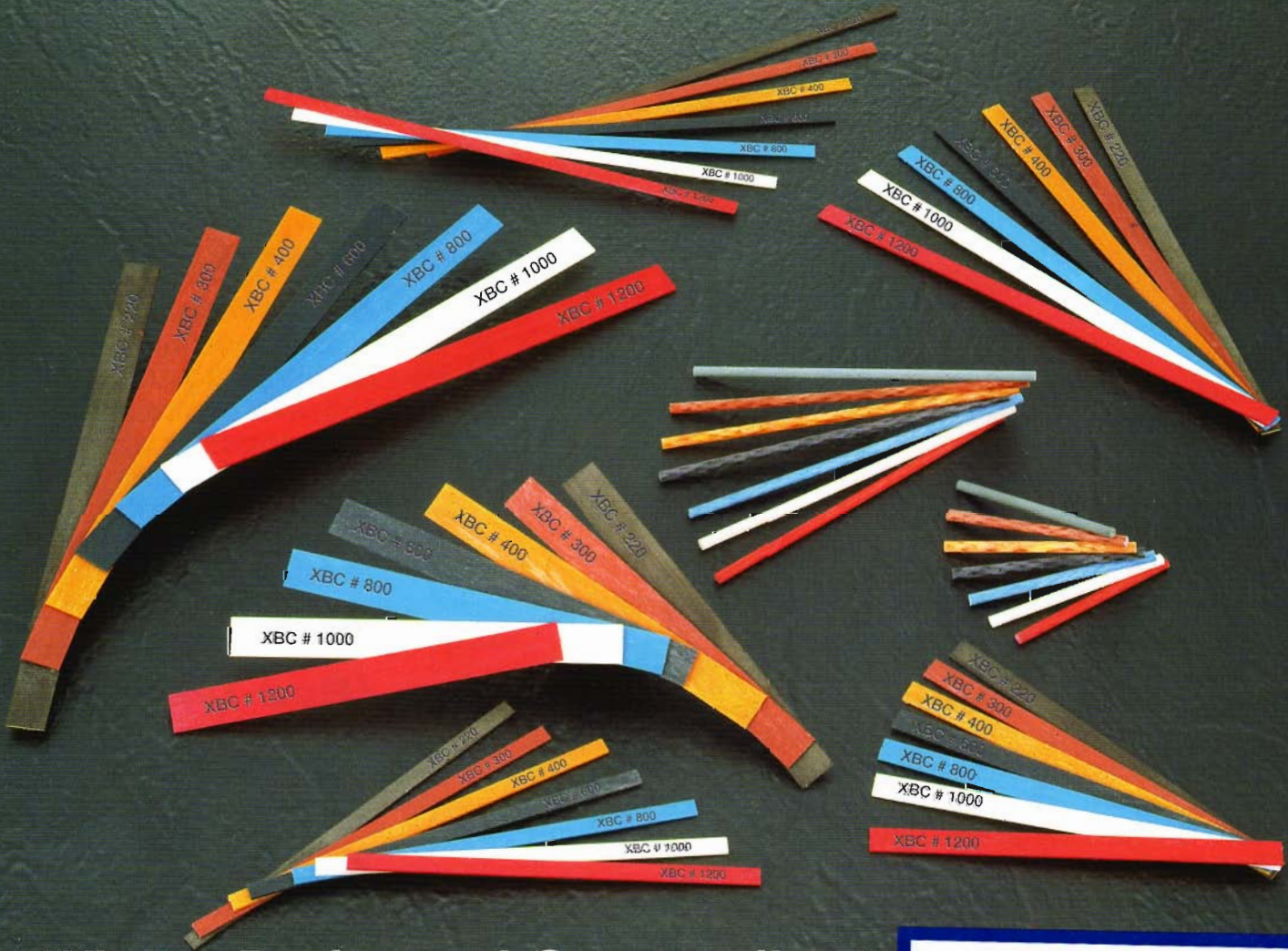


XEBEC TECHNOLOGY CO.,LTD.

Developed for the Purpose to Finish various Dies.

Meister Finish®



What a Performer! Outstanding!

- **High strength, not easy to break or tear.**
- **Higher finishing efficiency.**
- **Uniformly fine finishes.**
- **No clogging.**
- **Little heat generation.**
- **Highly efficiency finishing of coarse electro-discharge machining surfaces.**
- **Simple removal of troublesome fine burrs.**
- **The sides of the rod type finishers can also be used for variety of finishing use.**
- **Full lineup of various finisher types.**

ISO9001 Certified

XEBEC products are manufactured in a plant certified by ISO9001, the international standard of quality control and assurance.

Technology of XEBEC

Our engineers have developed the world's first finishers with aero-space alumina fibers that utilizes highly advanced chemical technologies.

XEBEC TECHNOLOGY has been qualified as an authorized new venture in "The Law on Temporary Measures to Facilitate Specific New Businesses" administered by the MITI, Japan with the breakthrough and revolutionary technology.

The joint research with Nagoya University being highly evaluated as technologies supporting the foundation of Japanese industries, developments are being advanced under the budget of the government.

With our highly advanced technologies, we will continue to develop new products to answer to the needs concerning precise finishing, which will become more important in the future.

Features

- High finishing efficiency is realized by the crystal structure of the alumina fibers, which is optimum for finishing.
- Finishing efficiency and strength have been improved by the two way liner structure, which prevents side-slipping.
- High accuracy of surfaces can be attained by the uniform fiber diameter.
- No dropping of abrasive grain particles that can create linear scratches.
- Little heat generation that minimizes workpiece alteration and finisher deterioration.
- Various finisher shapes can be used according to purpose.

(Rod Type)

- Extremely high finishing efficiency is ensured by the edge effect provided by the fiber contacting the workpiece at an angle and pores. High polishing efficiency is also ensured with the side.
- No splitting of the tip.
- Meister Finish can be used up to the end since it requires no shaft like the one found on a mounted wheel.
- Even boss holes of $\phi 0.3\text{mm}$ can be polished.
- Easy deburring of high-speed steel blades.

Usage

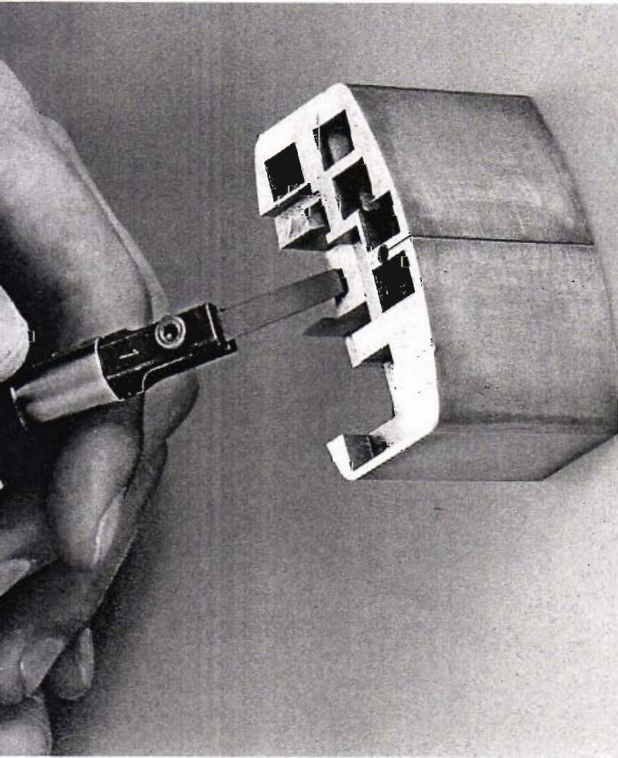
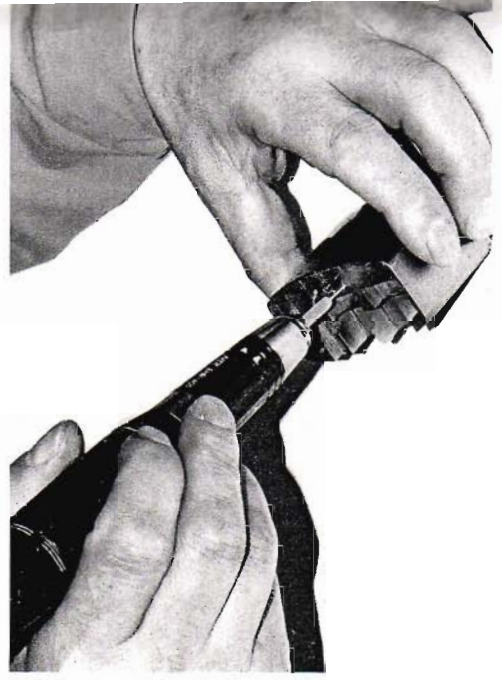
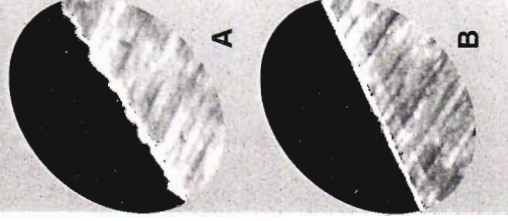
- Perfect for precise finishing of free surfaces, free curves, ribs, bosses, etc., of various forming dies (especially plastic dies).
- High finishing efficiency can be attained without clogging, even for metals such as aluminum, copper, gun metal, etc., which clogs with common finishers.
- Use on narrow areas where common finishers cannot be used because of breaking.
- Use on complex shapes where uniform finishing could not be attained
- Meister Finisher finishes coarse surfaces after electro-discharge machining.

Using the rod type to remove burrs on the blade of an end mill

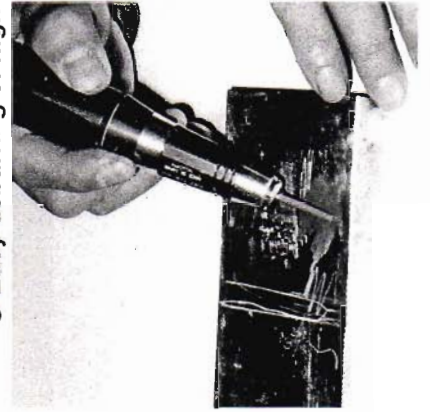
In the past, diamonds, etc., were used to remove burrs on blade edges. Consequently, this process had a disadvantage of scratching the blade. By using Meister Finish, burrs can easily be removed without scratching the blade, as shown in the photographs.

The photograph shown to the left is the edge of the end mill blade at magnification of 250 using an optical microscope.

- A : Sharpened state (with burrs).
- B : State where Meister Finish (rod type red) was rubbed on the edge of the blade once in a single direction.



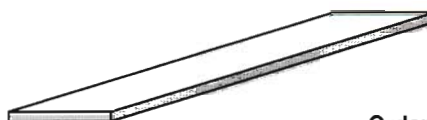
Full lineup of finishers especially for finishing, enabling highly efficient finishing of coarse electro-discharge machining surfaces, etc.



The tip size can be reduced for use if required. Finishing of small and narrow areas thought to be impossible in the past is now possible.

Meister Finish can be used on power tools, ultrasonic tools and pneumatic tools, and converted to a wide variety of applications.

Stick Type



Ordering Example AD - 0504M

Dimensions(mm)	Red equivalent to # 1200	White equivalent to # 1000	Blue equivalent to # 800	Black equivalent to # 600	Orange equivalent to # 400	Light Brown equivalent to # 300	Dark Brown equivalent to #220
0.5X 4 X100	AR-0504M	AW-0504M	AB-0504M	AP-0504M	AO-0504M	AL-0504M	AD-0504M
0.5X 4 X150	AR-0504L	AW-0504L	AB-0504L	AP-0504L	AO-0504L	AL-0504L	AD-0504L
0.5X 6 X100	AR-0506M	AW-0506M	AB-0506M	AP-0506M	AO-0506M	AL-0506M	AD-0506M
0.5X 6 X150	AR-0506L	AW-0506L	AB-0506L	AP-0506L	AO-0506L	AL-0506L	AD-0506L
0.5X 10 X100	AR-0510M	AW-0510M	AB-0510M	AP-0510M	AO-0510M	AL-0510M	AD-0510M
0.5X 10 X150	AR-0510L	AW-0510L	AB-0510L	AP-0510L	AO-0510L	AL-0510L	AD-0510L
0.8X 4 X100	AR-0804M	AW-0804M	AB-0804M	AP-0804M	AO-0804M	AL-0804M	AD-0804M
0.8X 4 X150	AR-0804L	AW-0804L	AB-0804L	AP-0804L	AO-0804L	AL-0804L	AD-0804L
0.8X 6 X100	AR-0806M	AW-0806M	AB-0806M	AP-0806M	AO-0806M	AL-0806M	AD-0806M
0.8X 6 X150	AR-0806L	AW-0806L	AB-0806L	AP-0806L	AO-0806L	AL-0806L	AD-0806L
0.8X 10 X100	AR-0810M	AW-0810M	AB-0810M	AP-0810M	AO-0810M	AL-0810M	AD-0810M
0.8X 10 X150	AR-0810L	AW-0810L	AB-0810L	AP-0810L	AO-0810L	AL-0810L	AD-0810L
1.0X 4 X100	AR-1004M	AW-1004M	AB-1004M	AP-1004M	AO-1004M	AL-1004M	AD-1004M
1.0X 4 X150	AR-1004L	AW-1004L	AB-1004L	AP-1004L	AO-1004L	AL-1004L	AD-1004L
1.0X 6 X100	AR-1006M	AW-1006M	AB-1006M	AP-1006M	AO-1006M	AL-1006M	AD-1006M
1.0X 6 X150	AR-1006L	AW-1006L	AB-1006L	AP-1006L	AO-1006L	AL-1006L	AD-1006L
1.0X 10 X100	AR-1010M	AW-1010M	AB-1010M	AP-1010M	AO-1010M	AL-1010M	AD-1010M
1.0X 10 X150	AR-1010L	AW-1010L	AB-1010L	AP-1010L	AO-1010L	AL-1010L	AD-1010L

Rod Type



Ordering Example PM - 30S

Grey (#220) is designed in a two way liner structure and all others are in a braided structure

Dimensions(mm)	Red equivalent to # 1200	White equivalent to # 1000	Blue equivalent to # 800	Black equivalent to # 600	Orange equivalent to # 400	Light Brown equivalent to # 300	Grey equivalent to #220
φ 3X 50	PR-30S	PW-30S	PB-30S	PP-30S	PO-30S	PL-30S	PM-30S
φ 3X 100	PR-30M	PW-30M	PB-30M	PP-30M	PO-30M	PL-30M	PM-30M

- For the stick type, use the tip at an angle of 45° to the finishing surface.
- A higher efficiency of the stick type is ensured by using the vibration tool (power type, ultrasonic type or pneumatic type).

Precautions for use

- Before using a vibration tool or rotary tool, carefully read the precautions for use and respective manuals.
- When using the rod with a rotary tool, strictly conform to the maximum speed of 30,000 rpm.
- To ensure your safety during operation, wear personal protective equipment that is goggles, protective mask and safety gloves.

※ Specifications are subject to change without notice.

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