



## The sPINner

**Magnetic De-burring, Polishing & Cleaning Machine** 

\*Semiconductor equipment parts clean

\*PUMP parts clean

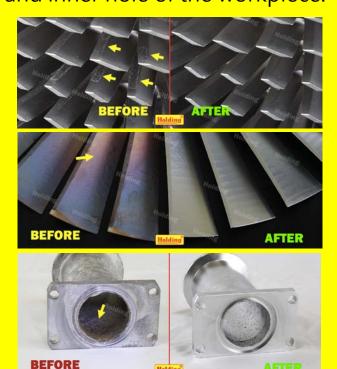
Welcome Trial Grinding

✓ Special magnetic needle grinding technology
Magnetic force drives the stainless steel needle to clean every corner

✓ No dead ends, high-precision cleaning
The PINs can penetrate into the slit and inner hole of the workpiece.







- Fast batch processing and high yield.
- Can replace sandblasting and chemical cleaning
- ✓ Use general cleaning liquid
- ✓ Simple operation.





## **MODEL**

- > Designed and manufactured by Holding. It has won multinational patents.
- Size can be selected according to the quantity, material and size of the workpiece
- Plastic flat-bottomed containers of different shapes can be used.

MODEL	HD-790	HD-765	HD-750	HD-735
SIZE(mm)	1050x1140x1220	960x1000x1100	810x790x1070	560x630x1020
Grinding Range (mm)	Ø830	Ø650	Ø500	Ø350
Grinding procedure	3段	3段	2段	2段
	M1 = 44-92-93		110,00,00	Horas .

Picture









## <u>PIN</u>

- Grinds every corner.
- Various sizes and lengths are available to fit the needs for different material, shape, and grinding force.

SIZE	0.3 × 5	0.4 × 5	0.5 × 5	0.7 × 5	0.8 × 5
(Ø × mm)	1.0 × 5	1.2 × 5	1.5 × 5	2.0 × 5	





## **Grinding Liquid**

- The concentrated grinding liquid is non-corrosive & eco-friendly.
- Used by 1/50 dilution.
- Can be used for multiples times.

HD-233A	Non-magnetic materials such as stainless steel, copper, aluminum, zinc, titanium (alloy), etc.
HD-903	Rusty materials such as iron and carbon steel



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