

Electrofine, Electro Magnetic Chuck

Intended use:

The multi coil system in our Electrofine chucks together with the fine pole spacing is designed to generate a strong homogeneous magnetic field and distribute heat evenly over the whole chuck surface. The result is very effective holding of small and thin steel components for precision grinding operations. Electrofine chucks are available in 2 versions with a fine or micro pitch pole division. They are designed for power supply 100 VDC and are available with our controls which offer a variable holding force and automatic demagnetization.

Features:

- Solid top plate with transverse poles
- Low temperature rise: Medium to high precision work
- Nominal holding force: 100 N/cm²
- Fine pole division: 3mm steel 1mm brass
- Life span (regrinding limit) 6mm
- Micro pitch pole division: 1.4mm steel and 0.5mm brass
- Multi core magnetic system
- Solid, robust construction with relatively low weight
- Standard input voltage 110 VDC
- Waterproof assembly

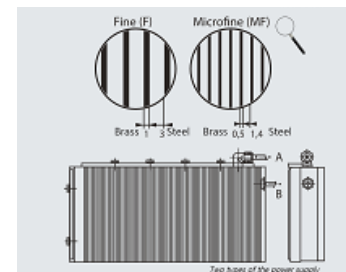


Applications:

- Surface grinding of small size up to large components
- Recommended minimum workpiece size:
 - Fine pole: 25 x 25 x 3mm
 - Micro pitch: 15 x 15 x 1mm
- Workpieces must be nested together to bridge major pole distance

Scope of Supply:

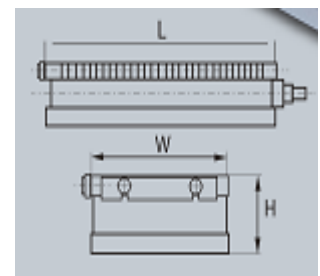
- Back and end stop
- Set of clamps
- Power cord of 3 m
- User Manual
- Other voltages and sizes can be supplied on request
- Electrofine chucks with longitudinal poles can be supplied



Available sizes:

Code	L (mm)	W (mm)	H (mm)	Input (w)	Weight (kg)
46.64.608	250	150	74	71	20
46.64.609	300	150	74	78	22
46.64.610	350	150	74	73	25
46.64.611	400	150	74	96	28
46.64.612	450	150	74	91	32
46.64.616	400	200	74	113	39
46.64.618	500	200	74	166	52
46.64.619	600	200	74	137	61

*other sizes available on request



For more information on our products contact us on T: 01525 372714 E: Sales@LHS.uk.com or W: <http://www.LHS.uk.com>