ELECTROFINE

ELECTROMAGNETIC CHUCK

The coil system in the chuck Electrofine is designed to spread the heat optimally on the whole surface of the chuck. This is important for the machining of small and thin steel components for which these chucks are designed. Electrofine can be produced in both finishes - with a "fine" or "microfine" pole plate. The magnetic field is constant across the entire pole plate surface. On request it is possible to change the poling to longitudinal. The chuck is fed with the direct current of 110 V. The power supply can be done through the control unit which also widen possibilities of the chuck.

Construction:

- Solid and waterproof design
- Electromagnetic system with more coils
- Low construction height
- Power supply - direct current of 110 V
- Version microfine: pole plate with transversal poling - pole pitch 1.9 mm (1.4 mm steel and 0.5 mm brass)
- Version fine: pole plate with transversal poling - pole pitch 4 mm (3 mm steel and 1 mm brass)

Usage:

- Grinding of small and thin components - pole pitch 1.9 mm
- Grinding of small and medium components - pole pitch 4 mm
- Dry grinding and grinding with cooling liquid

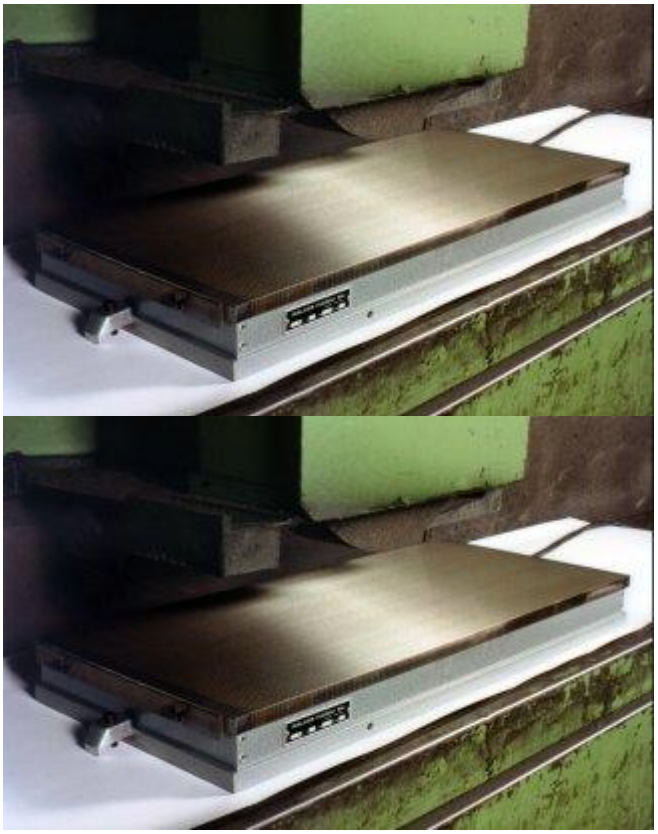
Suitable control unit:

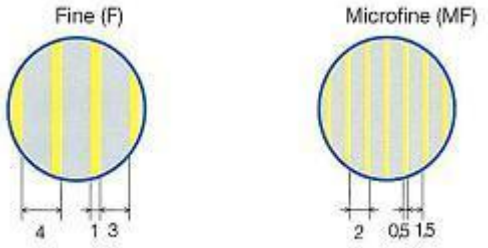
- Available CUE and CUET
- More info in section Control Unit

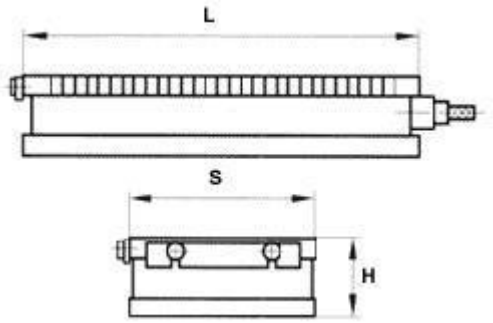
Accessories:

- Stop-bars
- Set of clamps
- Cable 3 m

Other dimensions and voltage are available upon request. To achieve a larger clamping surface, several chucks can be joined without gaps.







Electrofine with transversal poles (1.4 + 0.5 mm)

Code	L (mm)	W (mm)	H (mm)	Input (W)	Weight (kg)
4664021	250	150	72	71	19
4664022	300	150	72	78	22
4664023	350	150	72	73	25
4664024	400	150	72	96	28
4664025	450	150	72	91	32
4664084	400	200	72	113	39
4664085	450	200	72	108	45
4664086	500	200	72	166	52
4664088	600	200	72	137	61
4664125	500	250	76	167	67
4664127	600	250	76	190	80
4664166	600	300	76	253	97

Electrofine with transversal poles (3 + 1 mm)

Code	L (mm)	W (mm)	H (mm)	Input (W)	Weight (kg)
4604021	250	150	74	71	20
4604023	350	150	74	73	27
4604024	400	150	74	96	30
4604025	450	150	74	91	34
4604085	450	200	74	108	47
4604087	550	200	74	137	58
4604166	600	300	74	253	94
4604248	800	400	74	287	167