Electrofine

Multi core magnetic system generates an efficient and uniform magnetic field over the entire surface of the chuck

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High nominal holding force 100 or 110 N/cm² (according to the top plate design)

The electromagnet is easily operated by pressing the button on the control unit, which also ensures variable adjustment of the force to create the optimum conditions for clamping

When to choose the Electrofine electromagnetic chuck:

Waterproof design

Electrofine is used for efficient clamping of very small workpieces during precise surface grinding. Recommended minimum dimensions are 25 x 25 x 3 mm. For smaller workpieces from 15 x 15 x 1 mm, the special Microfine version is available.

CHUCK DIMENSION

APPLICATION

Grinding

Design with firmly embedded coils

TECHNOLOGY

E

Electro

from 150 x 250 mm

Model (Electrofine)	W (mm)	L (mm)	H (mm)	Wattage (W)	Weight (kg)
ELEC150300T31	150	300	74	77,5	25
ELEC200400T31	200	400	74	112	41
ELEC200500T31	200	500	74	166	55
ELEC200600T31	200	600	74	137	65
ELEC300600T31	300	600	74	253	94

Model (Microfine)	W (mm)	L (mm)	H (mm)	Wattage (W)	Weight (kg)
ELEC150250T1405	150	250	72	71	19
ELEC150300T1405	150	300	72	78	22
ELEC200400T1405	200	400	72	113	39
ELEC200500T1405	200	500	72	166	52
ELEC200600T1405	200	600	72	137	61
ELEC300600T1405	300	600	72	252	97

Important parameters:

Regrinding limit:	6 mm
Min. workpiece size:	25 x 25 x 3 mm (Electrofine),
	15 x 15 x 1 mm (Microfine)
Pole pitch:	T4 3+1 mm (Electrofine),
	T1,91,4+0,5 mm (Microfine)

HOLDING FORCE

Use:

+ for clamping small and large workpieces during precise surface grinding



For more information, visit www.walmagmagnetics.com

from 100 N/cm²

Transverse/Longitudinal

POLES