

FINE POLE ELECTROMAGNET CHUCK

FEATURES

- Rigid steel / brass laminated top plate.
- High resistance to coolant.
- High mechanical rigidity and proven robustness.
- 100% water proof.
- These chucks have a multi energized magnetic circuit, consisting of a number of adjacent, reversed coils making up a magnetizing core which is small pole pitch.
- The multitude of exciting windings increases dissipation of electrical energy which becomes magnetic energy, while limiting both temperature rise caused by Joule effect and distortion of the chuck.
- Top plate is machinable up to 8 mm.
- Uniform clamping force up to 13 kg/cm² for large components.
- Pole Pitch of 3 + 1 mm. Suitable for grinding a variety of material.



APPLICATIONS

Cross pole series EF-C

- These chucks are suited for a wide range of work pieces.
- For grinding application of small to big size components.

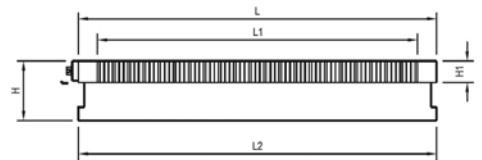
Long pole Series EF-L

- Since it produces stale attractive force in the lengthwise direction, it is possible to move the work piece along the belt while maintaining the attractive force.
- The plate design makes it easy to design and locate fixtures correctly for effective holding of intricately shaped work pieces.

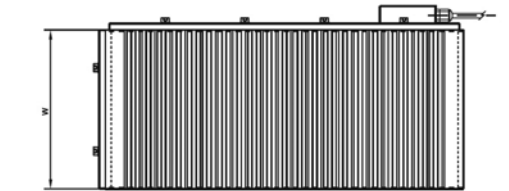
Product Code : EF - C or L

All dimensions are in mm

Model No.	L	W	H	H1	L1	L2	V	Amp (A)	Weight (Kgs)
EF-3015	300	150	75	27	275	300	110	0.50	22
EF-3515	350	150	75	27	320	350	110	0.53	26
EF-4015	400	150	75	27	364	400	110	0.55	30
EF-4515	450	150	75	27	402	450	110	0.60	33
EF-4020	400	200	75	27	364	400	110	0.66	42
EF-4520	450	200	75	27	402	450	110	0.62	48
EF-5020	500	200	75	27	440	500	110	0.65	53
EF-6020	600	200	75	27	554	600	110	1.12	63
EF-5025	500	250	75	27	440	500	110	1.65	68
EF-6025	600	250	75	27	554	600	110	1.80	80
EF-8025	800	250	75	27	744	800	110	1.40	105
EF-6030	600	300	75	27	554	600	110	1.80	95
EF-8030	800	300	75	27	744	800	110	1.55	127
EF-10030	1000	300	75	27	934	1000	110	1.80	159
EF-6040	600	400	75	27	554	600	110	1.65	127
EF-9040	800	400	75	27	744	800	110	1.76	170
EF-10040	1000	400	75	27	934	1000	110	2.00	227
EF-12040	1200	400	75	27	1124	1200	110	2.47	260
EF-15040	1500	400	75	27	1428	1500	110	3.15	347
EF-6050	600	500	75	27	554	600	110	1.77	159
EF-8050	800	500	75	27	744	800	110	1.83	212
EF-10050	1000	500	75	27	934	1000	110	2.50	265
EF-12050	1200	500	75	27	1124	1200	110	3.70	318
EF-15050	1500	500	75	27	1428	1500	110	3.80	397
EF-8060	800	600	75	27	744	800	110	1.80	254
EF-10060	1000	600	75	27	934	1000	110	3.40	318
EF-12060	1200	600	75	27	1124	1200	110	3.90	382
EF-15060	1500	600	75	27	1428	1500	110	4.40	477
EF-120100	1200	1000	80	27	1124	1200	110	4.56	678
EF-150100	1500	1000	80	27	1428	1500	110	5.64	848
EF-120120	1200	1200	80	27	1124	1200	110	5.85	880
EF-150120	1500	1200	80	27	1428	1500	110	6.00	1017
EF-120150	1200	1500	80	27	1124	1200	110	7.50	1200
EF-150150	1500	1500	80	27	1428	1500	110	8.00	1310



Cross pole EF-C



Long pole EF-L

- EM Controller sold separately
- Operating voltage is 110 VDC

Due to continuous upgradation in design there could be changes in specification. Other sizes on request. Before ordering, contact Lifton Magnets or your nearest dealer to confirm the suitability of this model for your application.

