

ELECTROMAGNETIC CHUCKS

Model KET-U TILT TYPE ELECTROMAGNETIC CHUCK



KET-1545UF

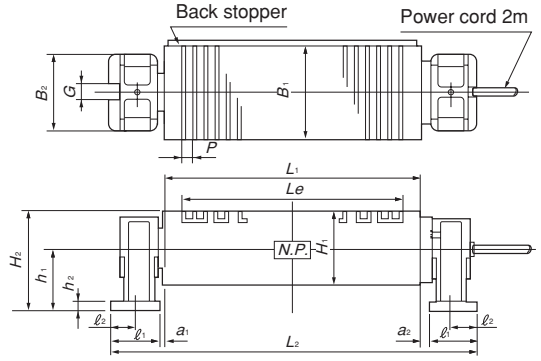
Chuck controller required additionally

[Application]

Suitable for grinding inclined faces of jigs/fixtures and metal molds.

[Features]

- Easy mounting and an angle can be set as desired in a range of 90° forward and 90° backward.
- The rotary shaft with scale facilitates angle setting.
- A resin-bonded structural face plate having little environmental burden is employed.



Model	Nominal Size	Work Face			Pole pitch		Tilt Base						Length	Height	Voltage	Current	Mass	Electro Chuck Master	Remarks	
		B ₁	L ₁	L _e	H ₁	P	B ₂	ℓ ₁	ℓ ₂	G	h ₁	h ₂								a ₁
KET-614UF	60 (2.36) × 140 (5.51)	60 (2.36)	140 (5.51)	106 (4.17)	60 (2.36)	8 (2+6) (0.31)	60 (2.36)	48 (1.89)	20 (0.78)	8.5 (0.33)	55 (2.1)	13 (0.51)	4 (0.15)	12 (0.47)	242 (9.52)	85 (3.34)	90 VDC	0.09A	4kg/ 8 lb	ES-M103B ES-M305B EH-V305A EH-VE305A P17-P20
KET-1025UF	100 (3.93) × 250 (9.84)		250 (9.84)	211 (8.30)							75 (2.95)	16 (0.62)			382 (15.0)	125 (4.92)		0.16A	21kg/ 46 lb	
KET-1030UF	100 (3.93) × 300 (11.8)	100 (3.93)	300 (11.8)	255 (10.0)		11 (2+9) (0.31)	95 (3.74)								432 (17.0)			0.21A	23kg/ 50 lb	
KET-1040UF	100 (3.93) × 400 (15.7)		400 (15.7)	365 (14.3)											532 (20.9)			0.26A	30kg/ 66 lb	
KET-1230UF	120 (4.72) × 300 (11.8)	120 (4.72)	300 (11.8)	240 (9.44)			54 (2.12)	25 (0.98)		14 (0.55)					432 (17.0)			0.21A	29kg/ 64 lb	
KET-1530UF	150 (5.90) × 300 (11.8)		300 (11.8)	240 (9.44)	100 (3.93)						91 (3.58)	18 (0.70)	8 (0.31)	16 (0.62)	482 (18.9)	141 (5.55)		0.20A	37kg/ 81 lb	
KET-1535UF	150 (5.90) × 350 (13.7)	150 (5.90)	350 (13.7)	296 (11.6)		14 (2+12) (0.55)	100 (3.93)								582 (22.9)			0.22A	41kg/ 90 lb	
KET-1545UF	150 (5.90) × 450 (17.7)		450 (17.7)	408 (16.0)											642 (25.2)			0.29A	51kg/112 lb	
KET-2050UF	200 (7.87) × 500 (19.6)	200 (7.87)	500 (19.6)	464 (18.2)			120 (4.72)	59 (2.32)		16 (0.62)	120 (4.72)	20 (0.78)			742 (29.2)	170 (6.69)		0.34A	76kg/167 lb	
KET-2060UF	200 (7.87) × 600 (29.6)		600 (23.6)	548 (21.5)														0.47A	89kg/196 lb	

※If the magnetic force needs not be adjusted, use ES-M. ※The chuck controller and clamp parts are not included. The KANETEC chucks work best when a KANETEC chuck controller is used.
 ※The scaled ring can be used to set an angle roughly. When it is necessary to set the angle accurately, use a sine bar or other suitable device.

Model KEZ-H ELECTROMAGNETIC CHUCK WITH HARD ATTRACTIVE FACE



KEZ-H1138UF

Chuck controller required additionally

[Application]

Suitable for grinding inclined faces of jigs/fixtures and metal molds.

[Features]

- An electromagnetic chuck with a hardened attractive face. The face plate is less susceptible to damage and the frequency of self-grinding can be reduced. Also for self-grinding, the grinding wheel needs not be replaced, thus shortening the setup time.
- A resin-bonded structural face plate having little environmental burden is employed.

※The chuck controller and clamp parts are not included.
 The maximum performance can be obtained by using the Chuck Master Model EH-V.

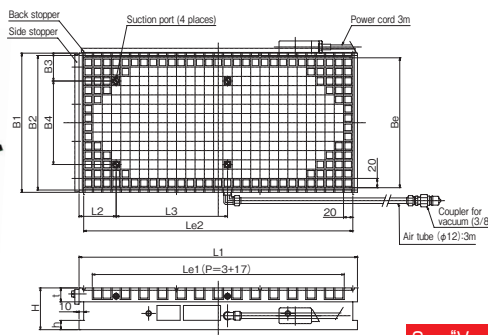
Model KETV ELECTROMAGNETIC CHUCK WITH VACUUM CHUCK FUNCTION



KETV-3060F

Chuck controller required additionally

Vacuum system required additionally



[Application]

An electromagnetic chuck with a vacuum chuck function of grid seal type added. The vacuum chuck function enables it to hold nonmagnetic workpieces also.

[Features]

- The height has been reduced by 35 mm.
- The vacuum chuck can be configured to a desired usage area using seal rubber.
- Since vacuum is maintained by use of seal rubber, a high degree of vacuum can be maintained even when workpieces are slightly warped.
- Usable in wet operations.
- A resin-bonded structural face plate having little environmental burden is employed.

See "Vacuum Chucks" on pages P43 to P46 also.

Model	Nominal Size	Work Face				Pole pitch		Mounting Face		Height	Grid Pitch	Voltage	Current	Mass	Applicable Vacuum System
		B ₁	L ₁	t	L _{e1}	L _{e2}	L ₂	L ₃	B _e						
KETV-3060F	300 (11.8) × 600 (23.6)	300 (11.8)	600 (23.6)	30 (1.18)	543 (21.3)	580 (22.8)		240 (9.44)	280 (11.0)	180 (7.08)	290 (11.4)	90 (3.54)	20 (0.78)	1.3A	110kg/242 lb
KETV-4080F	400 (15.7) × 800 (31.5)	400 (15.7)	800 (31.5)		743 (29.2)	780 (30.7)	80 (3.14)	320 (12.5)	380 (14.9)	280 (11.0)	390 (15.3)			1.9A	190kg/418 lb
KETV-50100F	500 (19.6) × 1000 (39.4)	500 (19.6)	1000 (39.4)	31.5 (1.24)	943 (37.1)	980 (38.5)		440 (17.3)	480 (18.8)	380 (14.9)	490 (7.08)			2.3A	300kg/661 lb
KETV-60100F	600 (23.6) × 1000 (39.4)	600 (23.6)	1000 (39.4)						480 (18.8)	480 (18.8)	590 (23.2)			3.4A	360kg/793 lb

※Seal rubber φ6, 10 m is included. ※The chuck controller and vacuum system are not included. ※The KANETEC chucks work best when a KANETEC chuck controller is used.

ELECTROMAGNETIC CHUCK CONTROLLERS; PERMANENT MAGNETIC CHUCKS; PERMANENT MAGNETIC CHUCKS; BLOCKS FOR MC; VACUUM CHUCKS; PROMELTA; SINE BAR CHUCKS; BLOCKS HOLDERS; HOLDING TOOLS; MEASURING TOOL HOLDERS; MAGNETIC TOOLS