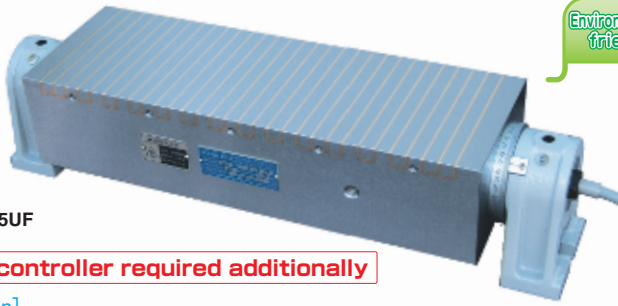


# ELECTROMAGNETIC CHUCKS

## Model **KET-U** TILT TYPE ELECTROMAGNETIC CHUCK



KET-1545UF

**Chuck controller required additionally**

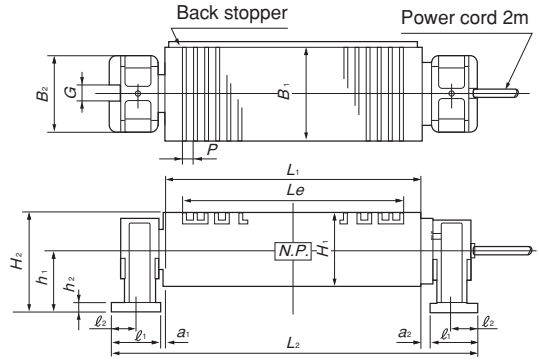
**[Application]**

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.

Environmentally friendly



[mm (in)]

Model	Nominal Size	Work Face				Pole pitch		Tilt Base						Length		Height		Voltage	Current	Mass	Electro Chuck Master	Remarks
		B <sub>1</sub>	L <sub>1</sub>	L <sub>e</sub>	H <sub>1</sub>	P	B <sub>2</sub>	l <sub>1</sub>	l <sub>2</sub>	G	h <sub>1</sub>	h <sub>2</sub>	a <sub>1</sub>	a <sub>2</sub>	L <sub>2</sub>	H <sub>2</sub>						
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	*For types with a combination of a rectifier and demagnetizer, see pages of "Chuck Controllers."	
KET-1025UF	100 (3.93)×250 (9.84)	100 (3.93)	250 (9.84)	211 (8.30)	11 (2+9) (0.31)	95 (3.74)	54 (2.12)	25 (0.98)	14 (0.55)	75 (2.95)	16 (0.62)	8 (0.31)	16 (0.62)	382 (15.0)	125 (4.92)	90 VDC	0.16A	21kg/ 46 lb				
KET-1030UF	100 (3.93)×300 (11.8)													432 (17.0)	0.21A		23kg/ 50 lb					
KET-1040UF	100 (3.93)×400 (15.7)	400 (15.7)	365 (14.3)	100 (3.93)	14 (2+12) (0.55)	100 (3.93)	16 (0.62)	120 (4.72)	20 (0.78)	91 (3.58)	18 (0.70)	8 (0.31)	16 (0.62)	532 (20.9)	141 (5.55)	90 VDC	0.26A	30kg/ 66 lb				
KET-1230UF	120 (4.72)×300 (11.8)	300 (11.8)	240 (9.44)											432 (17.0)	0.21A		29kg/ 64 lb					
KET-1530UF	150 (5.90)×300 (11.8)	150 (5.90)	350 (13.7)	296 (11.6)	14 (2+12) (0.55)	100 (3.93)	16 (0.62)	120 (4.72)	20 (0.78)	91 (3.58)	18 (0.70)	8 (0.31)	16 (0.62)	482 (18.9)	170 (6.69)	90 VDC	0.20A	37kg/ 81 lb				
KET-1535UF	150 (5.90)×350 (13.7)													582 (22.9)	0.22A		41kg/ 90 lb					
KET-1545UF	150 (5.90)×450 (17.7)	450 (17.7)	408 (16.0)	200 (7.87)	600 (23.6)	548 (21.5)	120 (4.72)	59 (2.32)	16 (0.62)	120 (4.72)	20 (0.78)	8 (0.31)	16 (0.62)	642 (25.2)	170 (6.69)	90 VDC	0.29A	51kg/ 112 lb				
KET-2050UF	200 (7.87)×500 (19.6)	500 (19.6)	464 (18.2)											0.34A	76kg/ 167 lb							
KET-2060UF	200 (7.87)×600 (23.6)	600 (23.6)	548 (21.5)	200 (7.87)	600 (23.6)	548 (21.5)	120 (4.72)	59 (2.32)	16 (0.62)	120 (4.72)	20 (0.78)	8 (0.31)	16 (0.62)	742 (29.2)	170 (6.69)	90 VDC	0.47A	89kg/ 196 lb				

※If the magnetic force needs to 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.

P17-P20

## Model **KEZ-H** ELECTROMAGNETIC CHUCK WITH HARD ATTRACTIVE FACE



KEZ-H1138UF

An example of fabrication

**[Application]**

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.

**Chuck controller required additionally**

※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

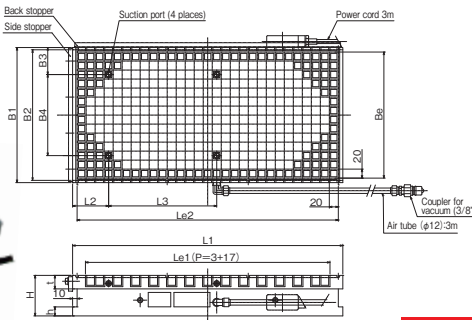
**Chuck controller required additionally**

**Vacuum system required additionally**

Environmentally friendly



KETV-3060F



**[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.

See "Vacuum Chucks" on pages P42 to P45 also.

[mm (in)]

Model	Nominal Size	Work Face						Pole pitch		Mounting Face		Height	Grid Pitch	Voltage	Current	Mass	Applicable Vacuum System
		B <sub>1</sub>	L <sub>1</sub>	t	Le <sub>1</sub>	Le <sub>2</sub>	L <sub>2</sub>	L <sub>3</sub>	Be	B <sub>2</sub>	B <sub>4</sub>						
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)	60 (2.36)	180 (7.08)	20 (3+17) (0.78)	290 (11.4)	20 (0.78)	90 VDC	1.3A	110kg/242 lb	VPU-D20 VPU-E10 VPU-E20
KETV- 4080F	400 (15.7) × 800 (31.5)	400 (15.7)	800 (31.5)	30 (1.18)	743 (29.2)	780 (30.7)	320 (12.5)	380 (14.9)	60 (2.36)	280 (11.0)	20 (3+17) (0.78)	390 (15.3)	20 (0.78)	1.9A	190kg/418 lb		
KETV-50100F	500 (19.6) × 1000 (39.4)	500 (19.6)	1000 (39.4)		943 (37.1)	980 (38.5)	440 (17.3)	480 (18.8)		380 (14.9)		480 (18.8)		490 (7.08)	3.4A	300kg/661 lb	
KETV-60100F	600 (23.6) × 1000 (39.4)	600 (23.6)	1000 (39.4)	943 (37.1)	980 (38.5)	440 (17.3)	480 (18.8)	380 (14.9)	480 (18.8)	580 (19.2)	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; ELECTROMAGNETIC CHUCKS; BLOCKS FOR MC; VACUUM CHUCKS; PROMETA\*; SINE BAR CHUCKS; BLOCKS, HOLDERS; MINI CHUCKS; HOLDING TOOLS; MEASURING TOOL HOLDERS; MAGNETIC TOOLS