

Model **KETN** POWERFUL WAVEFORM TYPE

Environmentally Friendly



KETN-3060A

Chuck controller required additionally

An example of mounting on machine



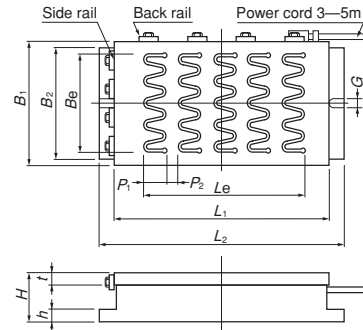
[Application]

For cutting workpieces with milling machine, shaper, planer and planomiller.

The magnetic force is evenly distributed over the entire attractive surface. This chuck is specially designed for more powerful holding for cutting operations, in a wide range of applications.

[Features]

- Electromagnetic chucks producing strong holding power specially for cutting operations.
- Specially designed to minimize influence of magnetism on cutters.
- For heavy duty cutting, Model KETZ, super powerful electromagnetic chuck, is available, but this model has a wider application range that includes workpieces thinner than 15 mm, for which Model KETZ is not suitable.



[mm (in.)]

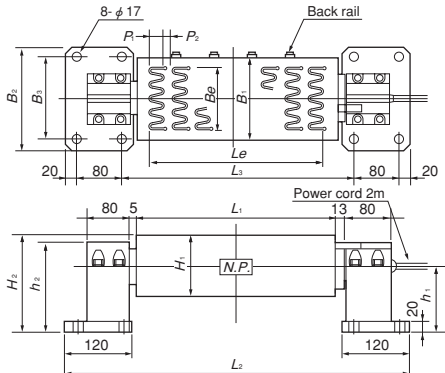
Model	Nominal Dimensions	Top Plate				T-Slot		Bottom Plate			Height H	Hole G	Voltage	Current	Mass	Electro Chuck Master	Remarks
		B ₁	L ₁	t	B _e	L _e	P ₁	P ₂	B ₂	L ₂							
KETN- 1530A	150(5.90) × 300(11.8)	150(5.90)	300(11.8)	20	112(4.40)	248(9.76)	28(1.10)	146(5.74)	344(13.5)	18	100	14	90 VDC	0.49A	27kg/ 59lb	ES-M103B ES-M305B EH-V105D EH-VE105D EH-VE205D	*For models with a combination of a rectifier and demagnetizer, see pages of "Chuck Controllers."
KETN- 1545A	150(5.90) × 450(17.7)	150(5.90)	450(17.7)	(0.78)	404(15.9)	26(1.02)	16	494(19.4)	494(19.4)	(0.70)	(3.93)			1.09A	41kg/ 90lb		
KETN- 2050A	200(7.87) × 500(19.6)	200(7.87)	500(19.6)		152(5.98)	523(20.5)	22(0.86)	196(7.71)	544(21.4)			Clamping	1.18A	98kg/ 216lb	Above models except for the one marked by *.	P17—P20	
KETN- 2060A	200(7.87) × 600(23.6)	200(7.87)	600(23.6)		208(8.18)	440(17.3)	22(0.86)	246(9.68)	544(21.4)			14	1.42A	102kg/ 224lb			
KETN- 3060A	300(11.8) × 600(23.6)	300(11.8)	600(23.6)		246(9.68)	523(20.5)	22.5(0.88)	294(11.5)	600(23.6)	20	120	Clamping	90 VDC	1.59A	130kg/ 286lb	EH-VE210D	
KETN- 3080A	300(11.8) × 800(31.5)	300(11.8)	800(31.5)	25	246(9.68)	722(28.4)	26(1.02)	800(31.5)	800(31.5)	(0.78)	(4.72)			2.21A	173kg/ 381lb		
KETN-30100A	300(11.8) × 1000(39.4)	300(11.8)	1000(39.4)	(0.98)	342(13.4)	919(36.1)	26.5(1.04)	1000(39.4)	800(31.5)			Clamping	90 VDC	3.35A	240kg/ 529lb	Above models except for the one marked by *.	P17—P20
KETN- 4080A	400(15.7) × 800(31.5)	400(15.7)	800(31.5)		342(13.4)	722(28.4)	25(0.98)	390(15.3)	800(31.5)					3.05A	230kg/ 507lb		
KETN-40100A	400(15.7) × 1000(39.4)	400(15.7)	1000(39.4)		432(17.0)	920(36.2)	23(0.90)	490(19.2)	1000(39.4)			Clamping	90 VDC	4.17A	288kg/ 634lb	EH-VE210D	
KETN-50100A	500(19.6) × 1000(39.4)	500(19.6)	1000(39.4)		432(17.0)	920(36.2)	23(0.90)	490(19.2)	1000(39.4)					5.86A	400kg/ 881lb		
KETN-60100A	600(23.6) × 1000(39.4)	600(23.6)	1000(39.4)		522(20.5)	924(36.3)	31(1.22)	590(23.2)	1000(39.4)			5.66A	470kg/ 1036lb				

※ The power cord attached is 3 m for KETN-1530A and 1545A and 5 m for other models. ※ Full-function chuck masters are available with both rectification and demagnetization functions.

※ 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.

Model **KETN-U** POWERFUL ROTARY TYPE

Environmentally Friendly



[mm (in.)]

Chuck controller required additionally

[Application]

Suitable for heavy duty grinding and light duty cutting of inclined surfaces of jigs/fixtures and metallic molds.

[Features]

- Strong holding power.
- Easy mounting and an angle can be set as desired in a range of 90° front and 90° back.
- The rotary shaft with scale facilitates angle setting.

Model	Nominal Dimensions	Top Plate					Pole Pitch		Rotary Base					Length L ₂	Height H ₂	Voltage	Current	Mass	Electro Chuck Master	Remarks
		B ₁	L ₁	B _e	L _e	H ₁	P ₁	P ₂	B ₂	B ₃	L ₃	L ₁	L ₂							
KETN-1530U	150(5.90) × 300(11.8)	150	300(11.8)	116	248(9.76)	28(1.10)		190	150	352(13.8)	120	163	552(21.7)	175	90 VDC	0.49A	56kg/ 123 lb	ES-M103B ES-M305B EH-V105D EH-VE105D EH-VE205D	*For models with a combination of a rectifier and demagnetizer, see pages of "Chuck Controllers."	
KETN-1545U	150(5.90) × 450(17.7)	150	450(17.7)	(4.56)	404(15.9)	26(1.02)	16	502(19.7)	502(19.7)	(4.72)	(6.41)	702(27.6)	0.83A	72kg/ 158 lb						
KETN-2050U	200(7.87) × 500(19.6)	200	500(19.6)	152	440(17.3)	(4.33)	22(0.86)	(0.62)	(7.48)	(5.90)	552(21.7)	(4.72)	(6.41)	752(29.6)	1.26A	96kg/ 211 lb	EH-VE210D	P17—P20		
KETN-2060U	200(7.87) × 600(23.6)	200	600(23.6)	(5.98)	530(20.8)	22.5(0.88)		652(25.6)	652(25.6)			852(33.5)	1.17A	110kg/ 242 lb						

※ Full-function chuck masters are available with both rectification and demagnetization functions. ※ 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, please use a Sine Bar Chuck or other suitable type.

ELECTROMAGNETIC CHUCKS

CHUCK CONTROLLERS

PERMANENT MAGNETIC CHUCKS

BLOCKS FOR MC

VACUUM CHUCKS

PROMELTA SYSTEM

SINE BAR CHUCKS

MAGNETIC BLOCKS

WORKING TOOLS

MEASURING TOOL HOLDERS

MAGNETIC HOLDERS

TOOLS