

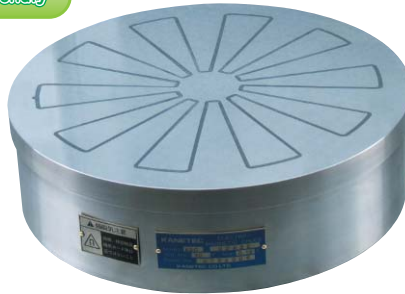
Model KEC-ARIAS CIRCULAR TYPE

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



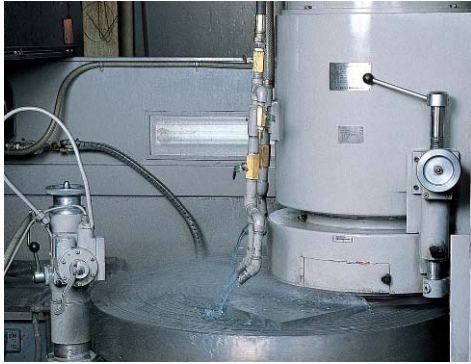
KEC-40ARE

Environmentally Friendly



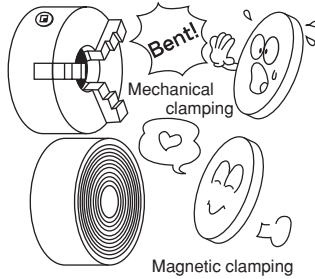
KEC-32ASE

An example of installation on a vertical grinder

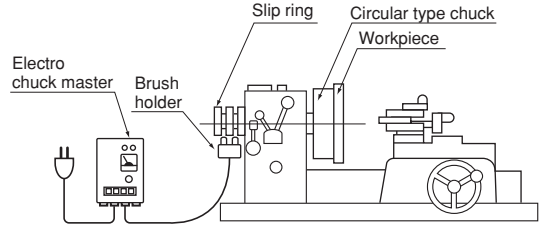


Chuck controller required additionally

Feeder required additionally (See below)



<Lathe Wiring Diagram>



Ring-Pole Type

[mm (in)]

| Model | Nominal Dimensions | Top Plate | | | Pole Pitch P | No. of Poles | Bottom Plate | | | | Height H | Voltage | Current | Mass | Electro Chuck Master | Remarks |
|------------|--------------------|----------------|----------------|----------------|--------------------|---------------|----------------|-------------|---------------|---------------|---------------|---------|---------|-------------------|---|--|
| | | D ₁ | D _e | d _e | | | D ₂ | K | n | M | | | | | | |
| KEC- 10ARE | 100 (3.93) | 100 (3.93) | 75 (2.95) | 29 (1.14) | 10(3+7) (0.39) | 63 (2.48) | | | M 6 (0.23) | 80 (3.15) | 85 (3.34) | 90 VDC | 0.06A | 4kg/ 9 lb | *ES-M103B ES-M305B EH-V105D EH-V205D EH-VE105D EH-VE205D | *For models with a rectifier and demagnetizer, see pages of "Chuck Controllers." |
| KEC- 16ARE | 160 (6.29) | 160 (6.29) | 135 (5.31) | | | 125 (4.92) | | | M 8 (0.31) | 141 (5.55) | | | 0.29A | 12kg/ 26 lb | | |
| KEC- 20ARE | 200 (7.87) | 200 (7.87) | 161 (6.33) | 35 (1.37) | | 160 (6.29) | | | | 178 (7.00) | | | 0.26A | 19kg/ 41 lb | | |
| KEC- 25ARE | 250 (9.84) | 250 (9.84) | 223 (8.77) | | | 200 (7.87) | | 4 (0.15) | | 355 (8.81) | | | 0.52A | 33kg/ 72 lb | | |
| KEC- 32ARE | 315 (12.4) | 315 (12.4) | 271 (10.6) | | 12(3+9) (0.47) | 250 (9.84) | | | M10 (0.39) | 280 (11.0) | | | 0.53A | 52kg/ 114 lb | | |
| KEC- 40ARE | 400 (15.7) | 400 (15.7) | 367 (14.4) | 49 (1.92) | | 315 (12.4) | 4 (0.15) | | | 355 (13.9) | | | 1.10A | 93kg/ 205 lb | | |
| KEC- 50ARE | 500 (19.6) | 500 (19.6) | 463 (18.2) | | | 400 (15.7) | | | | 450 (17.7) | | | 1.85A | 130kg/ 286 lb | | |
| KEC- 63ARE | 630 (24.8) | 630 (24.8) | 583 (22.9) | | | 500 (19.6) | | | M12 (0.47) | 560 (22.0) | | | 3.10A | 190kg/ 418 lb | | |
| KEC- 80ARE | 800 (31.5) | 800 (31.5) | 748 (29.4) | 70 (2.75) | 14(3+11) (0.55) | 630 (24.8) | | 8 (0.31) | | 710 (27.9) | 110 (4.33) | | 5.10A | 370kg/ 815 lb | | |
| KEC-100ARE | 1000 (39.3) | 1000 (39.3) | 944 (37.1) | | | 800 (31.5) | | | M16 (0.62) | 900 (35.4) | | | 6.55A | 580kg/ 1278 lb | | |

P17-P20

Star-Pole Type

[mm (in)]

| Model | Nominal Dimensions | Top Plate | | | Pole Pitch P | No. of Poles | Bottom Plate | | | | Height H | Voltage | Current | Mass | Electro Chuck Master | Remarks |
|------------|--------------------|----------------|----------------|----------------|--------------|---------------|----------------|-------------|---------------|---------------|---------------|---------|---------|-------------------|---|--|
| | | D ₁ | D _e | d _e | | | D ₂ | K | n | M | | | | | | |
| KEC- 10ASE | 100 (3.93) | 100 (3.93) | 75 (2.95) | 29 (1.14) | | 63 (2.48) | | | M 6 (0.23) | 80 (3.15) | 85 (3.34) | 90 VDC | 0.04A | 4kg/ 9 lb | *ES-M103B ES-M305B EH-V105D EH-V205D EH-VE105D EH-VE205D | *For models with a rectifier and demagnetizer, see pages of "Chuck Controllers." |
| KEC- 16ASE | 160 (6.29) | 160 (6.29) | 135 (5.31) | | | 125 (4.92) | | | M 8 (0.31) | 140 (5.51) | | | 0.08A | 12kg/ 26 lb | | |
| KEC- 20ASE | 200 (7.87) | 200 (7.87) | 161 (6.33) | 40 (1.57) | | 160 (6.29) | | | | 178 (7.00) | | | 0.13A | 19kg/ 41 lb | | |
| KEC- 25ASE | 250 (9.84) | 250 (9.84) | 223 (8.77) | | | 200 (7.87) | | 4 (0.15) | | 224 (8.81) | | | 0.40A | 33kg/ 72 lb | | |
| KEC- 32ASE | 315 (12.4) | 315 (12.4) | 271 (10.6) | | | 250 (9.84) | | | M10 (0.39) | 280 (11.0) | | | 0.44A | 52kg/ 114 lb | | |
| KEC- 40ASE | 400 (15.7) | 400 (15.7) | 367 (14.4) | 49 (1.92) | | 315 (12.4) | 4 (0.15) | | | 355 (13.9) | | | 0.68A | 93kg/ 205 lb | | |
| KEC- 50ASE | 500 (19.6) | 500 (19.6) | 463 (18.2) | | | 400 (15.7) | | | | 450 (17.7) | | | 1.00A | 145kg/ 319 lb | | |
| KEC- 63ASE | 630 (24.8) | 630 (24.8) | 583 (22.9) | | | 500 (19.6) | | | M12 (0.47) | 560 (22.0) | | | 1.28A | 190kg/ 418 lb | | |
| KEC- 80ASE | 800 (31.5) | 800 (31.5) | 748 (29.4) | 70 (2.75) | | 630 (24.8) | | 8 (0.31) | | 710 (27.9) | 110 (4.33) | | 1.88A | 370kg/ 815 lb | | |
| KEC-100ASE | 1000 (39.3) | 1000 (39.3) | 944 (37.1) | | | 800 (31.5) | | | M16 (0.62) | 900 (35.4) | | | 3.92A | 580kg/ 1278 lb | | |

P17-P20

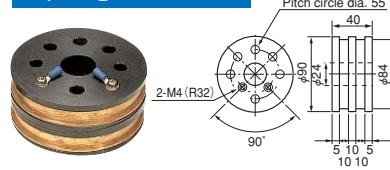
* Full-function chuck masters are available with both rectification and demagnetization functions. * If the magnetic force needs not be adjusted, use ES-M.
* The chuck controller and clamp parts are not included. The KANETEC chucks work best when a KANETEC chuck controller is used.

Feeder (optional)

This feeder is required to use the circular type electromagnetic chucks. Because the chuck itself is rotated, the feeder cables cannot be connected directly. For this reason, electricity is fed via a slip contact between the carbon brush on the power source side and the slip ring attached to the chuck.

- The $\phi 24$ mounting hole of the slip ring (SR-1) can be expanded up to $\phi 40$.

Slip ring Model SR-1



Brush holder Model BH-1 A

