



Grinding

● **Mircopitch electro-permanent magnetic chuck with transverse poles**

**Use:**

Clamping of transverse placed thin plate shaped workpieces

**Features:**

- EPB with pole pitch 1+3 mm
- Highest uniform clamping force up to 120 N/cm<sup>2</sup>
- Electro-permanent technology with no deformation owing to the rise of temperature
- Can eliminate residual magnetism from the workpiece
- Coolant and water proof structure
- Minimum mechanical deformation with solid one-piece housing

| Model     | Width (B)   | Length (L)   | Base Width (B2) | Height (H) | L1           | H1        | Net Weight      | Controller (400V) | Controller (220V) |
|-----------|-------------|--------------|-----------------|------------|--------------|-----------|-----------------|-------------------|-------------------|
| EPB-1525  | 150 (5.91)  | 250 (9.85)   | 148 (5.83)      | 85 (3.35)  | 214 (8.43)   | 30 (1.18) | 24 kg / 52 lb   | CGA               | CGA               |
| EPB-1530  | 150 (5.91)  | 300 (11.82)  | 148 (5.83)      | 85 (3.35)  | 264 (10.40)  | 30 (1.18) | 29 kg / 63 lb   | CGA               | CGA               |
| EPB-1535  | 150 (5.91)  | 350 (13.79)  | 148 (5.83)      | 85 (3.35)  | 314 (12.37)  | 30 (1.18) | 33 kg / 73 lb   | CGA               | CGA               |
| EPB-1540  | 150 (5.91)  | 400 (15.76)  | 148 (5.83)      | 85 (3.35)  | 364 (14.34)  | 30 (1.18) | 38 kg / 84 lb   | CGA               | CGA               |
| EPB-1545  | 150 (5.91)  | 450 (17.73)  | 148 (5.83)      | 85 (3.35)  | 414 (16.31)  | 30 (1.18) | 43 kg / 94 lb   | CGA               | CGA               |
| EPB-1840  | 180 (7.09)  | 400 (15.76)  | 178 (7.01)      | 85 (3.35)  | 364 (14.34)  | 30 (1.18) | 46 kg / 100 lb  | CGA               | CGA               |
| EPB-2040  | 200 (7.88)  | 400 (15.76)  | 198 (7.80)      | 85 (3.35)  | 364 (14.34)  | 30 (1.18) | 51 kg / 112 lb  | CGA               | CGA               |
| EPB-2045  | 200 (7.88)  | 450 (17.73)  | 198 (7.80)      | 85 (3.35)  | 414 (16.31)  | 30 (1.18) | 57 kg / 126 lb  | CGA               | CGA               |
| EPB-2050  | 200 (7.88)  | 500 (19.70)  | 198 (7.80)      | 85 (3.35)  | 464 (18.27)  | 30 (1.18) | 63 kg / 139 lb  | CGA               | CGA               |
| EPB-2060  | 200 (7.88)  | 600 (23.64)  | 198 (7.80)      | 85 (3.35)  | 564 (22.20)  | 30 (1.18) | 76 kg / 167 lb  | CGA               | CGA               |
| EPB-2550  | 250 (9.85)  | 500 (19.70)  | 248 (9.77)      | 85 (3.35)  | 464 (18.27)  | 30 (1.18) | 79 kg / 174 lb  | CGA               | CGA               |
| EPB-2560  | 250 (9.85)  | 600 (23.64)  | 248 (9.77)      | 85 (3.35)  | 564 (22.20)  | 30 (1.18) | 95 kg / 209 lb  | CGA               | CGA               |
| EPB-3060  | 300 (11.82) | 600 (23.64)  | 298 (11.74)     | 85 (3.35)  | 564 (22.20)  | 30 (1.18) | 114 kg / 251 lb | CGA               | CGA               |
| EPB-3080  | 300 (11.82) | 800 (31.52)  | 298 (11.74)     | 85 (3.35)  | 764 (30.08)  | 30 (1.18) | 152 kg / 335 lb | CGA               | CGA               |
| EPB-30100 | 300 (11.82) | 1000 (39.40) | 298 (11.74)     | 85 (3.35)  | 964 (37.95)  | 30 (1.18) | 190 kg / 418 lb | CGA               | CGA               |
| EPB-30120 | 300 (11.82) | 1200 (47.28) | 298 (11.74)     | 85 (3.35)  | 1164 (45.83) | 30 (1.18) | 228 kg / 502 lb | CGA               | CGA               |
| EPB-4060  | 400 (15.76) | 600 (23.64)  | 398 (15.68)     | 85 (3.35)  | 564 (22.20)  | 30 (1.18) | 203 kg / 446 lb | CGA               | CGA               |
| EPB-4080  | 400 (15.76) | 800 (31.52)  | 398 (15.68)     | 85 (3.35)  | 764 (30.08)  | 30 (1.18) | 254 kg / 558 lb | CGA               | CGA               |

Unit: mm(in)

