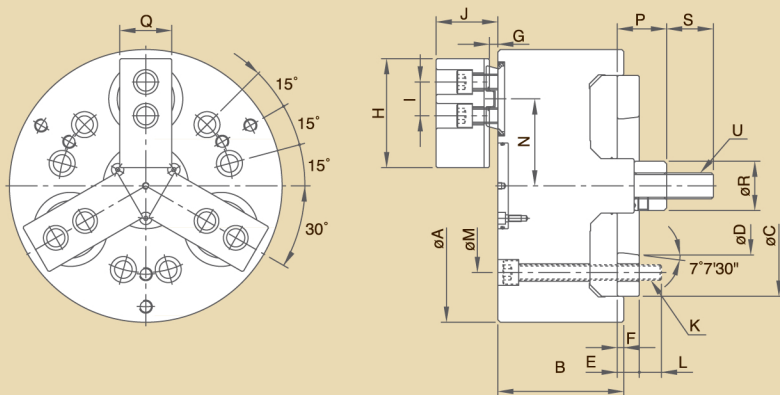


# PL PULL BACK POWER CHUCKS



## Dimensions



Pull back feature of radial gripping will lead to almost no work piece uplifting displacement; CHANDOX Pull Back Power Chucks are ideal for machining casting and forging parts;

1. By appressing the gripped work piece to the surface, CHANDOX Pull Back Power Chucks are suitable for heavy machining.
2. Chuck Actuators with cylindrical structure are durable and ensures high gripping repeatability.
3. Accurate self-centering and pull back features are adequate for precise length control machining requirements.
4. Optional components can be selected for detecting the right position on an automated loading machine.

## Specifications

UNIT:mm

| MODEL / SPEC. | A                            | B           | C                                             | D       | E                        | F      | G max.                               | G min. | H                        | J max. | J min. |
|---------------|------------------------------|-------------|-----------------------------------------------|---------|--------------------------|--------|--------------------------------------|--------|--------------------------|--------|--------|
| PL-06         | 169                          | 83          | 140                                           | 82.563  | 15                       | 5      | 15                                   | 5      | 70                       | 46     | 36     |
| PL-08         | 210                          | 97          | 170                                           | 106.375 | 17                       | 5      | 16.5                                 | 6.5    | 84                       | 57     | 47     |
| PL-10         | 254                          | 110         | 220                                           | 139.719 | 18                       | 5      | 22                                   | 6      | 100                      | 68     | 52     |
| PL-12         | 304                          | 125         | 220                                           | 139.719 | 18                       | 5      | 21.5                                 | 5.5    | 120                      | 72.5   | 56.5   |
| MODEL / SPEC. | I                            | K           | L                                             | M       | N max.                   | N min. | P max.                               | P min. | Q                        | R      |        |
| PL-06         | --                           | 6-M10x1.5P  | 14                                            | 104.8   | 56.65                    | 54     | 33                                   | 23     | 35                       | 32     |        |
| PL-08         | 26                           | 6-M12x1.75P | 17                                            | 133.4   | 69.65                    | 67     | 38                                   | 28     | 40                       | 38     |        |
| PL-10         | 32                           | 6-M16x2P    | 24                                            | 171.4   | 87.8                     | 82     | 48                                   | 32     | 50                       | 50     |        |
| PL-12         | 36                           | 6-M16x2P    | 20                                            | 171.4   | 102.8                    | 97     | 47                                   | 31     | 60                       | 52     |        |
| MODEL / SPEC. | S                            | U           | Plunger Stroke (mm)                           |         | Jaw Stroke (Diameter) mm |        | Max.Speed r.p.m.(min <sup>-1</sup> ) |        | Max. Pull Force kgf (kN) |        |        |
| PL-06         | 36                           | M16x2P      | 10                                            |         | 5.3                      |        | 3500                                 |        | 1420                     | (14)   |        |
| PL-08         | 36                           | M20x2.5P    | 10                                            |         | 5.3                      |        | 3000                                 |        | 2240                     | (22)   |        |
| PL-10         | 46                           | M24x3P      | 16                                            |         | 11.6                     |        | 2500                                 |        | 3160                     | (31)   |        |
| PL-12         | 50                           | M27x3P      | 16                                            |         | 11.6                     |        | 2000                                 |        | 4480                     | (44)   |        |
| MODEL / SPEC. | Max. Gripping Force kgf (kN) |             | Max. Hydr. Pressure kgf/cm <sup>2</sup> (MPa) |         | Weight (kg)              |        | Matching Cylinder                    |        | Gripping Range           |        |        |
| PL-06         | 2950                         | (29)        | 22                                            | (2.2)   | 15.4                     |        | L1020                                |        | ø35~ø160                 |        |        |
| PL-08         | 4890                         | (48)        | 22                                            | (2.2)   | 27.8                     |        | L1225                                |        | ø40~ø210                 |        |        |
| PL-10         | 4990                         | (49)        | 30                                            | (2.9)   | 45.9                     |        | L1225                                |        | ø50~ø254                 |        |        |
| PL-12         | 7240                         | (71)        | 30                                            | (2.9)   | 75.7                     |        | L1530                                |        | ø50~ø304                 |        |        |