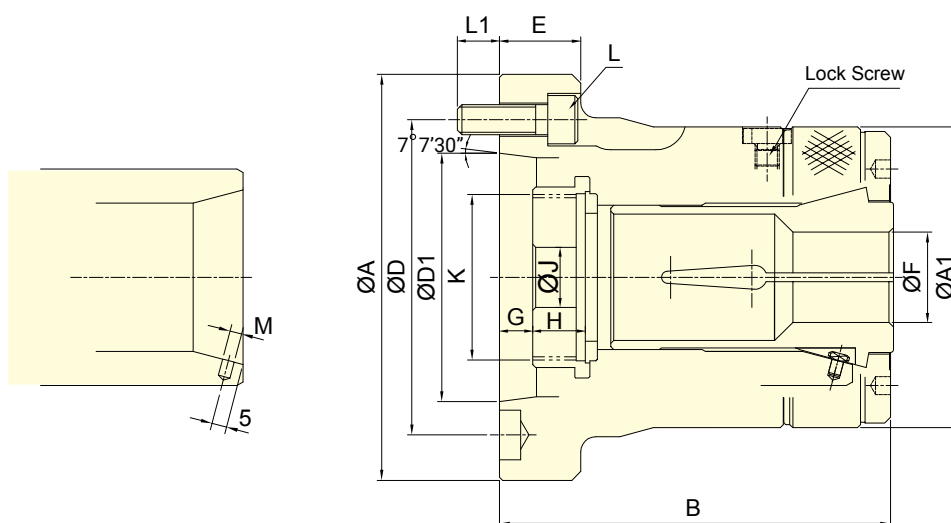




- PUSH type collet used mainly on turning, CNC, special purpose machines, ect.
- High clamping accuracy, high speed and high rigidity.
- Sealed against swarf, chips and coolant.
- The collet used must accord with DIN 6343.



Subject to technical changes

**SPECIFICATIONS**

| Model |    | Plunger stroke | Max. Chucking Capacity |         |        | Max. D.B. pull | Max. clamping force | Max. speed                 | Moment of inertia | Weight | Matching steel collet | Matching Cyl. | Max. pressure |
|-------|----|----------------|------------------------|---------|--------|----------------|---------------------|----------------------------|-------------------|--------|-----------------------|---------------|---------------|
|       |    |                | Round                  | Hexagom | Square |                |                     |                            |                   |        |                       |               |               |
|       |    | mm             | mm                     | mm      | mm     | kN (kgf)       | kN (kgf)            | min <sup>-1</sup> (r.p.m.) | kg·m <sup>2</sup> | kg     |                       |               |               |
| CL-26 | A4 | 4.5            | 26                     | 22      | 18     | 17.6(1800)     | 37.9(3870)          | 8000                       | 0.040             | 4.2    | 161E                  | TK-A533       | 2.4(24)       |
| CL-30 | A4 | 4.5            | 30                     | 26      | 21     | 19.6(2000)     | 42.1(4300)          | 8000                       | 0.038             | 4.1    | 163E                  | TK-A533       | 2.7(27)       |
| CL-36 | A5 | 6              | 36                     | 31      | 25     | 22.5(2300)     | 48.5(4950)          | 6000                       | 0.058             | 6.3    | 171E                  | TK-C643       | 2.3(23)       |
| CL-42 | A5 | 6              | 42                     | 36      | 29     | 24.5(2500)     | 52.9(5400)          | 6000                       | 0.057             | 6.1    | 173E                  | TK-C643       | 2.5(25)       |
| CL-42 | A6 | 6              | 42                     | 36      | 29     | 24.5(2500)     | 52.9(5400)          | 6000                       | 0.061             | 7.5    | 173E                  | TK-C643       | 2.5(25)       |
| CL-52 | A6 | 6              | 52                     | 45      | 36     | 27.4(2800)     | 59.0(6020)          | 6000                       | 0.093             | 13.8   | 177E                  | TK-A853       | 2.0(20)       |
| CL-60 | A6 | 6              | 60                     | 51      | 42     | 29.4(3000)     | 63.7(6500)          | 5000                       | 0.091             | 13.5   | 185E                  | TS-866        | 1.8(18)       |
| CL-60 | A8 | 6              | 60                     | 51      | 42     | 29.4(3000)     | 63.7(6500)          | 5000                       | 0.104             | 14.5   | 185E                  | TS-866        | 1.8(18)       |
| CL-80 | A8 | 6              | 80                     | 69      | 56     | 34.3(3500)     | 71.5(7300)          | 4000                       | 0.120             | 19.8   | 193E                  | TK-A1287      | 1.6(16)       |

**DIMENSIONS**

| Model |    | A   | A1  | B     | D     | D1     | E  | F max. | F min. | G max. | G min. | H    | J  | K max.  | L        | L1 | M |
|-------|----|-----|-----|-------|-------|--------|----|--------|--------|--------|--------|------|----|---------|----------|----|---|
| CL-26 | A4 | 110 | 85  | 108   | 82.6  | 63.51  | 25 | 26     | 3      | 9.5    | 5      | 15   | 12 | M40x1.5 | 3~M10x30 | 15 | 4 |
| CL-30 | A4 | 110 | 85  | 108   | 82.6  | 63.51  | 25 | 30     | 3      | 9.5    | 5      | 15   | 12 | M40x1.5 | 3~M10x30 | 15 | 4 |
| CL-36 | A5 | 135 | 100 | 130   | 104.8 | 82.56  | 27 | 36     | 3      | 14     | 8      | 17.5 | 20 | M55x2   | 4~M10x30 | 14 | 4 |
| CL-42 | A5 | 135 | 100 | 130   | 104.8 | 82.56  | 27 | 42     | 3      | 14     | 8      | 17.5 | 20 | M55x2   | 4~M10x30 | 14 | 4 |
| CL-42 | A6 | 165 | 100 | 130   | 133.4 | 106.38 | 32 | 42     | 3      | 15     | 9      | 17.5 | 20 | M60x2   | 4~M12x35 | 16 | 4 |
| CL-52 | A6 | 170 | 130 | 154   | 133.4 | 106.38 | 27 | 52     | 5      | 10.5   | 4.5    | 24   | 45 | M60x2   | 4~M12x35 | 20 | 5 |
| CL-60 | A6 | 170 | 130 | 154   | 133.4 | 106.38 | 27 | 60     | 5      | 10.5   | 4.5    | 24   | 45 | M75x2   | 4~M12x35 | 20 | 5 |
| CL-60 | A8 | 210 | 130 | 147.5 | 171.4 | 139.72 | 35 | 60     | 5      | 3.5    | -2.5   | 24   | 45 | M85x2   | 4~M16x40 | 22 | 5 |
| CL-80 | A8 | 210 | 156 | 175   | 171.4 | 139.72 | 35 | 80     | 20     | 7.5    | 1.5    | 22   | 45 | M100x2  | 6~M16x40 | 22 | 5 |