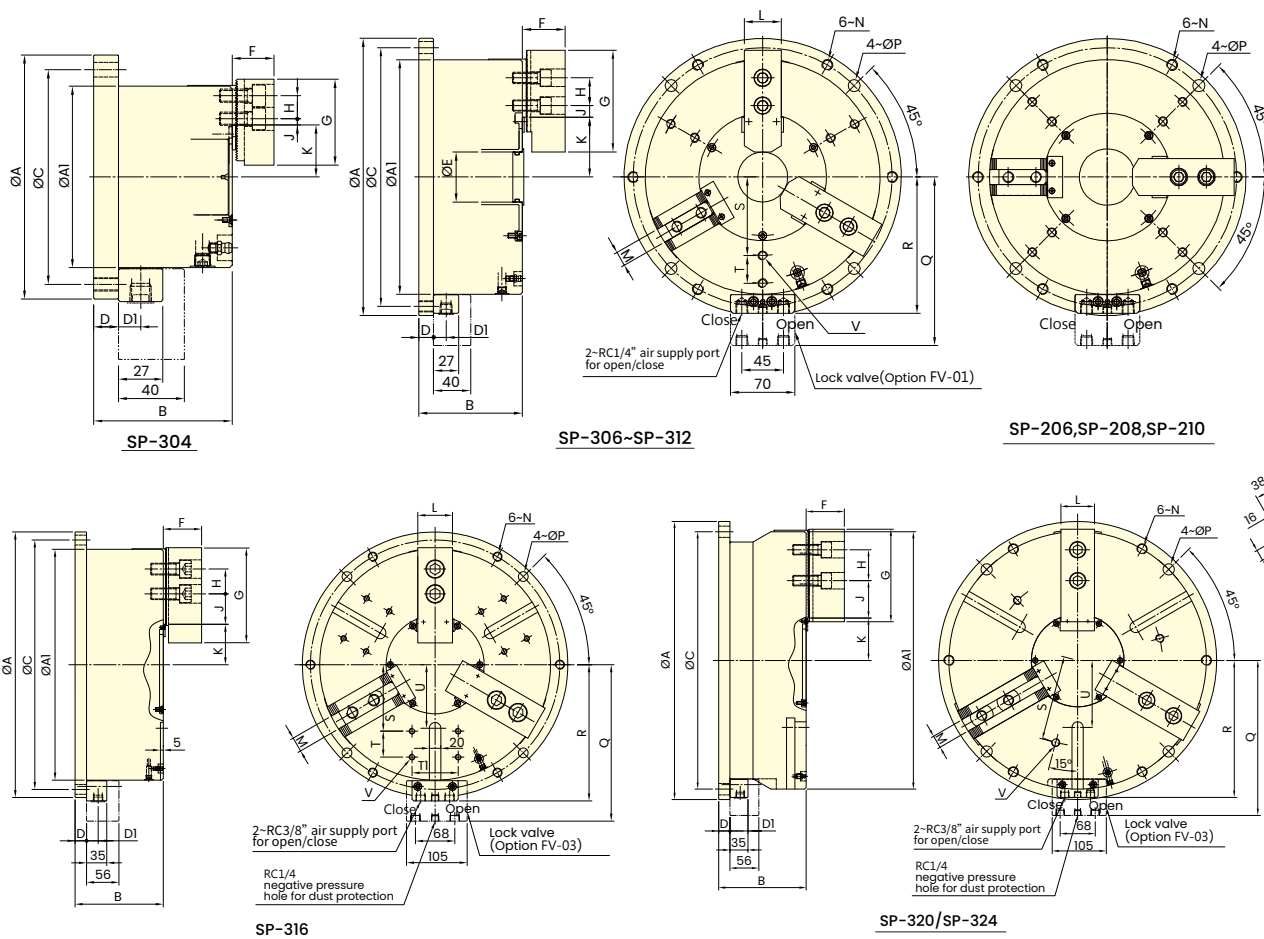




- Stationary Chucks – Non-Thru-Hole and Thru-Hole Types.
- Available in two jaw configurations: 2-jaw and 3-jaw.
- Equipped with a built-in hydraulic cylinder; compatible with lock valves and can also be operated using air pressure.
- Features a small thru-hole, making it ideal for machining long bar workpieces.
- Side and bottom air/hydraulic inlets available; either can be used for operation.
- Slim and compact design. Compatible with standard soft jaws or hard jaws.
- Suitable for rotary machining and can be installed on mill-turn machines.
- Can be integrated with multi-plate setups for enhanced versatility.



Subject to technical changes

## SPECIFICATIONS

| Model  | Jaw stroke<br>(Dia.) | Chuck Dia. |      | Max. clamping force |              | Max. pressure             |                           | Min. pressure       | Air consumption                   | Weight |
|--------|----------------------|------------|------|---------------------|--------------|---------------------------|---------------------------|---------------------|-----------------------------------|--------|
|        |                      | Max.       | Min. | Pneumatic           | Hydraulic    | Pneumatic                 | Hydraulic                 |                     |                                   |        |
|        | mm                   | mm         | mm   | kN(kgf)             | kN(kgf)      | MPa(kgf/cm <sup>2</sup> ) | MPa(kgf/cm <sup>2</sup> ) | kgf/cm <sup>2</sup> | lit (at 6.0 kgf/cm <sup>2</sup> ) | kg     |
| SP-304 | 5.1                  | 110        | 10   | 7.5(765)            | 22.0(2243)   | 0.7(7)                    | 1.2(12)                   | 2                   | 0.5                               | 7      |
| SP-206 | 5.5                  | 168        | 30   | 34.1(3477)          | 46.1(4752)   | 0.7(7)                    | 1.2(12)                   | 2                   | 1.4                               | 16     |
| SP-306 | 5.5                  | 168        | 30   | 35.5(3620)          | 60.0(5252)   | 0.7(7)                    | 1.2(12)                   | 2                   | 1.4                               | 16.5   |
| SP-208 | 6.8                  | 210        | 42   | 43.2(4405)          | 74.0(7545)   | 0.7(7)                    | 1.2(12)                   | 2                   | 2.5                               | 27.7   |
| SP-308 | 6.8                  | 210        | 42   | 51.5(5251)          | 88.3(9004)   | 0.7(7)                    | 1.2(12)                   | 2                   | 2.5                               | 28.7   |
| SP-210 | 7                    | 254        | 52   | 60.5(6169)          | 94.5(9636)   | 0.7(7)                    | 1.2(12)                   | 2                   | 4.2                               | 41.8   |
| SP-310 | 7                    | 254        | 52   | 68.2(6955)          | 118.7(12104) | 0.7(7)                    | 1.2(12)                   | 2                   | 4.2                               | 42     |

| Model         | Jaw stroke<br>(Dia.) | Chucking Dia. |      | Max. clamping force |              | Max. pressure             |                           | Min. pressure       | Air consumption                   | Weight |
|---------------|----------------------|---------------|------|---------------------|--------------|---------------------------|---------------------------|---------------------|-----------------------------------|--------|
|               |                      | Max.          | Min. | Pneumatic           | Hydraulic    | Pneumatic                 | Hydraulic                 |                     |                                   |        |
|               | mm                   | mm            | mm   | kN(kgf)             | kN(kgf)      | MPa(kgf/cm <sup>2</sup> ) | MPa(kgf/cm <sup>2</sup> ) | kgf/cm <sup>2</sup> | lit (at 6.0 kgf/cm <sup>2</sup> ) | kg     |
| <b>SP-312</b> | 9.3                  | 304           | 60   | 75.8(7729)          | 148 (15091)  | 0.7(7)                    | 1.2(12)                   | 2                   | 6.4                               | 71.3   |
| <b>SP-316</b> | 14.5                 | 400           | 30   | 120.7(12305)        | 120.7(12305) | 0.7(7)                    | 0.7(7)                    | 2                   | 10.6                              | 147.8  |
| <b>SP-320</b> | 16                   | 500           | 45   | 155.6(15865)        | 155.6(15865) | 0.7(7)                    | 0.7(7)                    | 2                   | 15                                | 232.7  |
| <b>SP-324</b> | 16                   | 600           | 140  | 215.9(22015)        | 215.9(22015) | 0.7(7)                    | 0.7(7)                    | 2                   | 22                                | 338.7  |

## DIMENSIONS

| Model         | A(h7) | A1  | B   | C   | D  | D1   | E  | F  | G   | H  | J max. | J min. |
|---------------|-------|-----|-----|-----|----|------|----|----|-----|----|--------|--------|
| <b>SP-304</b> | 148   | 110 | 84  | 130 | 15 | 13.5 | -  | 25 | 52  | 14 | 3.75   | 0.75   |
| <b>SP-206</b> | 206   | 168 | 94  | 188 | 15 | 13.5 | 25 | 40 | 73  | 20 | 10.75  | 4.75   |
| <b>SP-306</b> | 206   | 168 | 94  | 188 | 15 | 13.5 | 25 | 40 | 73  | 20 | 10.75  | 4.75   |
| <b>SP-208</b> | 248   | 210 | 108 | 230 | 15 | 13.5 | 32 | 41 | 95  | 25 | 16.25  | 8.75   |
| <b>SP-308</b> | 248   | 210 | 108 | 230 | 15 | 13.5 | 32 | 41 | 95  | 25 | 16.25  | 8.75   |
| <b>SP-210</b> | 300   | 254 | 112 | 280 | 16 | 13.5 | 54 | 46 | 110 | 30 | 23.25  | 12.75  |
| <b>SP-310</b> | 300   | 254 | 112 | 280 | 16 | 13.5 | 54 | 46 | 110 | 30 | 23.25  | 12.75  |
| <b>SP-312</b> | 350   | 304 | 130 | 330 | 18 | 13.5 | 65 | 54 | 130 | 30 | 30.75  | 12.75  |
| <b>SP-316</b> | 460   | 400 | 153 | 432 | 20 | 20   | -  | 66 | 165 | 43 | 67.75  | 18.25  |
| <b>SP-320</b> | 540   | 500 | 170 | 500 | 22 | 20   | -  | 74 | 180 | 60 | 87.5   | 24.5   |
| <b>SP-324</b> | 640   | 600 | 175 | 600 | 24 | 20   | -  | 74 | 180 | 60 | 87.5   | 24.5   |

| Model         | K max. | K min. | L  | M    | N        | P    | Q     | R     | S   | T  | T1 | U   | V          |
|---------------|--------|--------|----|------|----------|------|-------|-------|-----|----|----|-----|------------|
| <b>SP-304</b> | 31.5   | 28.95  | 23 | 10   | M8x1.25  | 9    | 110.5 | 75.5  | -   | -  | -  | -   | -          |
| <b>SP-206</b> | 47     | 44.25  | 31 | 12   | M10x1.5  | 11   | 139.5 | 104.5 | 55  | 18 | -  | -   | 6~M8x1.25  |
| <b>SP-306</b> | 47     | 44.25  | 31 | 12   | M10x1.5  | 11   | 139.5 | 104.5 | 55  | 18 | -  | -   | 6~M8x1.25  |
| <b>SP-208</b> | 53     | 49.6   | 35 | 14   | M10x1.5  | 11   | 160.5 | 125.5 | 68  | 25 | -  | -   | 6~M8x1.25  |
| <b>SP-308</b> | 53     | 49.6   | 35 | 14   | M10x1.5  | 11   | 160.5 | 125.5 | 68  | 25 | -  | -   | 6~M8x1.25  |
| <b>SP-210</b> | 64.5   | 61     | 40 | 16   | M12x1.75 | 13   | 182.5 | 147.5 | 85  | 30 | -  | -   | 6~M10x1.5  |
| <b>SP-310</b> | 64.5   | 61     | 40 | 16   | M12x1.75 | 13   | 182.5 | 147.5 | 85  | 30 | -  | -   | 6~M10x1.5  |
| <b>SP-312</b> | 77.5   | 72.85  | 50 | 21   | M12x1.75 | 13   | 207.5 | 172.5 | 100 | 35 | -  | -   | 6~M10x1.5  |
| <b>SP-316</b> | 70     | 62.75  | 60 | 25.5 | M16x2.0  | 17.5 | 271   | 236   | 115 | 45 | 80 | 110 | 12~M10x1.5 |
| <b>SP-320</b> | 82.5   | 74.5   | 65 | 25   | M20x2.5  | 22   | 301   | 266   | 165 | -  | -  | 130 | 3~M16x2.0  |
| <b>SP-324</b> | 129.5  | 121.5  | 65 | 25   | M20x2.5  | 22   | 351   | 316   | 200 | -  | -  | 180 | 3~M16x2.0  |