



## SK

### 3-jaw strong scroll chuck plain back, 2-piece jaws (front and back mounted)

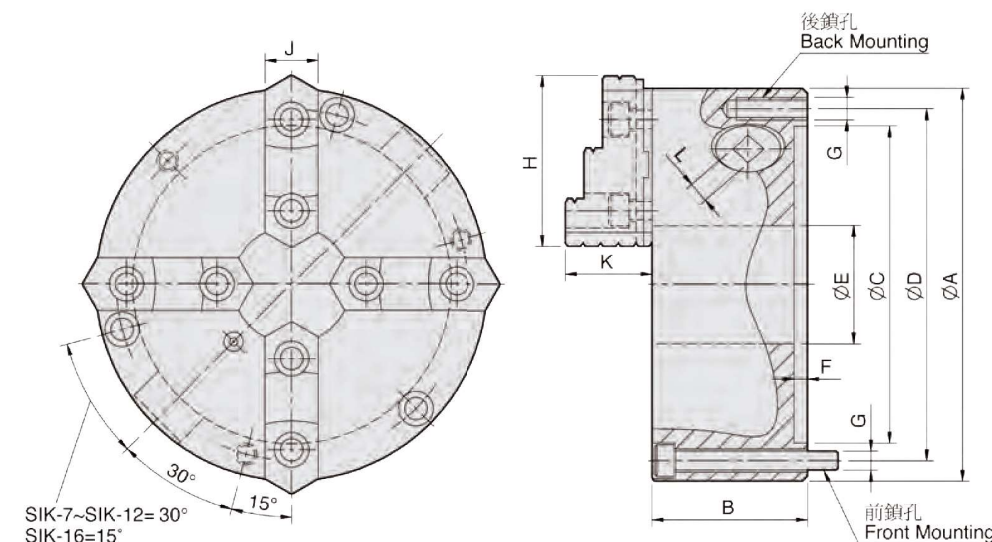
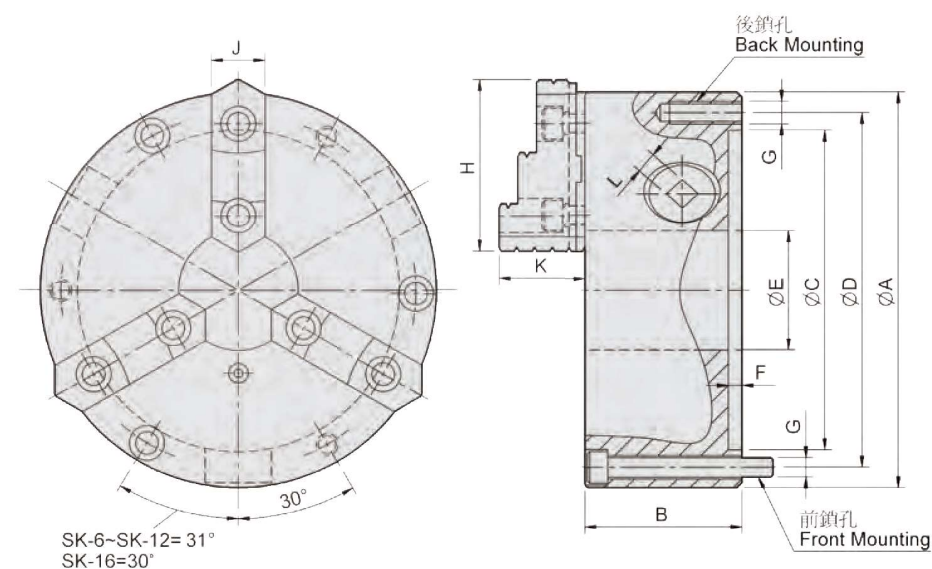
1. SK types chucks have wider utilization range; hard jaws suitable for heavy cutting; soft jaws suitable for light and precision cutting.
2. Hard jaws could be used as internal jaws and external jaws.
3. Gripping accuracy of 0.03mm (0.0012 inch) T.I.R.
4. The body is made of MEEHANITE. It is suitably used for high speed revolution and 3 times more durable than regular material.



## SIK

### 4-jaw strong scroll chuck plain back, 2-piece jaws (front and back mounted)

1. Hard jaws are adopted for square or octagonal thin tube workpieces machining.
2. Soft jaws could grip rectangular workpiece after being unisotropic machined.
3. The specification is the same as SK type.
4. The body is made of MEEHANITE. It is suitably used for high speed revolution and 3 times more durable than regular material.



UNIT : mm

| SPEC Model | A   | B    | C   | D   | E   | F   | G<br>Back / Front | H     | J  | K    | L  | Allowable<br>Handle<br>Torque<br>(kgf · m) | Gripping<br>Force<br>(kgf) | Max.<br>Speed<br>(r.p.m.) | Weight<br>(kg) | Moment<br>Of Inertia<br>I<br>(kg · m <sup>2</sup> ) | Gripping Range<br>O.D. Range / I.D. Range |
|------------|-----|------|-----|-----|-----|-----|-------------------|-------|----|------|----|--------------------------------------------|----------------------------|---------------------------|----------------|-----------------------------------------------------|-------------------------------------------|
| SK-4       | 112 | 58   | 80  | 95  | 32  | 4.8 | 3-M8 / 3-M8x65    | 47    | 19 | 31.6 | 8  | 4.5                                        | 1200                       | 2500                      | 3.8            | —                                                   | Ø3-Ø95 / Ø29-Ø84                          |
| SK-6       | 167 | 67   | 130 | 147 | 45  | 5.5 | 3-M10 / 3-M10x70  | 72    | 26 | 40.2 | 10 | 9.0                                        | 2200                       | 2000                      | 9              | 0.03                                                | Ø4-Ø160 / Ø55-Ø150                        |
| SK-7       | 192 | 76.5 | 155 | 172 | 58  | 5.5 | 3-M10 / 3-M10x80  | 81.2  | 28 | 42   | 11 | 11.0                                       | 2500                       | 2000                      | 13.8           | 0.06                                                | Ø8-Ø180 / Ø62-Ø170                        |
| SK-8       | 200 | 76.5 | 160 | 176 | 58  | 5.5 | 3-M10 / 3-M10x80  | 82    | 28 | 42   | 11 | 11.0                                       | 2500                       | 2000                      | 15.5           | 0.07                                                | Ø8-Ø190 / Ø68-Ø180                        |
| SK-9       | 232 | 84   | 190 | 210 | 70  | 6   | 3-M12 / 3-M12x90  | 90.9  | 32 | 51.2 | 12 | 15.0                                       | 3000                       | 2000                      | 22             | 0.16                                                | Ø11-Ø220 / Ø70-Ø210                       |
| SK-10      | 273 | 87   | 230 | 250 | 89  | 8   | 3-M12 / 3-M12x90  | 100.5 | 35 | 56.7 | 12 | 19.5                                       | 4000                       | 1800                      | 29.7           | 0.26                                                | Ø12-Ø260 / Ø80-Ø250                       |
| SK-12      | 310 | 96   | 260 | 285 | 105 | 7   | 3-M12 / 3-M12x110 | 114.5 | 40 | 56.8 | 14 | 21.0                                       | 4200                       | 1800                      | 43.5           | 0.58                                                | Ø15-Ø300 / Ø90-Ø290                       |
| SK-16      | 405 | 122  | 345 | 375 | 160 | 8.7 | — / 6-M14x130     | 148.6 | 50 | 76.1 | 15 | 25.0                                       | 4500                       | 1500                      | 98             | 1.72                                                | Ø30-Ø380 / Ø110-Ø360                      |

UNIT : mm

| SPEC Model | A   | B    | C   | D   | E   | F   | G<br>Back / Front | H     | J  | K    | L  | Allowable<br>Handle<br>Torque<br>(kgf · m) | Gripping<br>Force<br>(kgf) | Max.<br>Speed<br>(r.p.m.) | Weight<br>(kg) | Moment<br>Of Inertia<br>I<br>(kg · m <sup>2</sup> ) | Gripping Range<br>O.D. Range / I.D. Range |
|------------|-----|------|-----|-----|-----|-----|-------------------|-------|----|------|----|--------------------------------------------|----------------------------|---------------------------|----------------|-----------------------------------------------------|-------------------------------------------|
| SIK-7      | 192 | 76.5 | 155 | 172 | 58  | 5.5 | 3-M10 / 3-M10x80  | 82    | 28 | 42   | 11 | 11.0                                       | 2500                       | 2000                      | 14.1           | 0.06                                                | Ø8-Ø180 / Ø62-Ø170                        |
| SIK-9      | 232 | 84   | 190 | 210 | 70  | 6   | 3-M12 / 3-M12x90  | 96    | 32 | 51.2 | 12 | 15.0                                       | 3000                       | 2000                      | 22.2           | 0.16                                                | Ø11-Ø220 / Ø70-Ø210                       |
| SIK-12     | 310 | 96   | 260 | 285 | 105 | 7   | 3-M12 / 3-M12x110 | 114.5 | 40 | 56.8 | 14 | 21.0                                       | 4200                       | 1800                      | 45             | 0.58                                                | Ø15-Ø300 / Ø90-Ø290                       |
| SIK-16     | 405 | 122  | 345 | 375 | 160 | 8.7 | — / 6-M14x130     | 148.6 | 50 | 76.1 | 15 | 25.0                                       | 4500                       | 1500                      | 108            | 1.72                                                | Ø30-Ø380 / Ø110-Ø360                      |