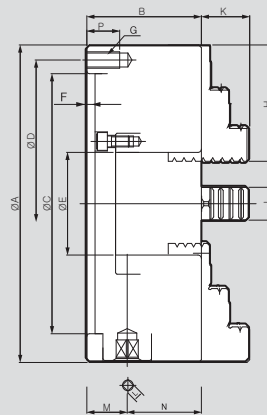
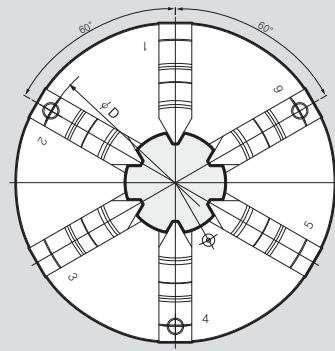


## Application / Benefits

For work prone to deformity requiring through hole  
Minimizes deformation

## Technical features

Rear mounting only  
One-piece reversible, hard jaws  
Self-centering jaws manually opened and closed by t-handle



## DIMENSIONS

| SCS-230(9") |       | SCS-273(10") |       | SCS-310(12") |       |
|-------------|-------|--------------|-------|--------------|-------|
| ΦA          | 232   |              | 273   |              | 310   |
| B           | 84    |              | 86    |              | 96    |
| ΦC(H6)      | 190   |              | 230   |              | 260   |
| ΦD          | 210   |              | 250   |              | 285   |
| ΦE          | 75    |              | 89    |              | 100   |
| F           | 6     |              | 6     |              | 7     |
| G           | 3-M12 |              | 3-M12 |              | 3-M12 |
| H           | 85    |              | 98    |              | 110   |
| J           | 24    |              | 28    |              | 30    |
| K           | 35.04 |              | 40.02 |              | 45.08 |
| L           | 12    |              | 12    |              | 14    |
| M           | 29.5  |              | 31.5  |              | 31.5  |
| N           | 54.5  |              | 54.5  |              | 64.5  |
| P           | 25    |              | 25    |              | 25    |

## SPECIFICATIONS

|                                                               | SCS-230 (9") | SCS-273 (10") | SCS-310 (12") |
|---------------------------------------------------------------|--------------|---------------|---------------|
| Max. Static Gripping Force [kN(kgf)]                          | 37(3773)     | 46(4691)      | 55(5608)      |
| Clamping Range External [ $\phi$ mm]                          | 5~200        | 5~260         | 10~300        |
| Clamping Range Internal [ $\phi$ mm]                          | 62~210       | 70~250        | 86~290        |
| Handle Torque [N · m(kgf · m)]                                | 147(15.0)    | 176.5(18.0)   | 206(21.0)     |
| Max. r.p.m. [min <sup>-1</sup> ]                              | 2900         | 2500          | 2200          |
| Weight [kg]                                                   | 24           | 32            | 45            |
| Moment of Inertia [N · m <sup>2</sup> (kg · m <sup>2</sup> )] | 6.27(0.64)   | 9.90(1.01)    | 23.0(2.35)    |

※ Maximum turning speed is based upon actual measurement.