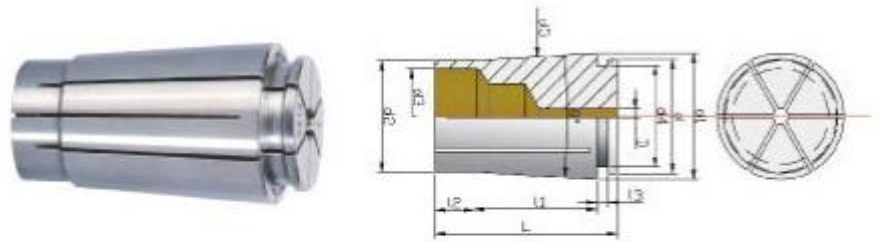


## SK Collet

High-speed, high-precision SK collet

- Material: Imported material SUJ2;
- Hardness: HRC46-50;
- Extremely deep cryogenic treatment and thermal aging treatment in the process to improve the accuracy and dimensional stability;
- 4 ° semi-cone angle of collet design, more clamping force, improve the seismic performance;
- The boss on the front of the collet is designed to prevent the entry of dust and chips and prolong the service life.
- The inner hole is polished many times, up to Ra0.4, the mirror effect;
- Surface coating treatment to improve the surface hardness, wear resistance, improve cleanliness, more stable accuracy, the surface is more smooth, rust, corrosion better, feel more comfortable, more beautiful appearance.

PRODUCT SIZE



Model	L	l1	l2	l3	d	d1	d2	d3	d4	d5
SK06	25.7	17.5	4	2.4	9.26	10.5	7.5	6	7.8	9.964
SK10	32	22	5	2.5	13.7	15.6	12	10	12	15.013
SK16	46	32	8	2.8	21	24.6	18.8	16	19	23.939
SK25	58	43	8.5	3.6	31	35.6	28.9	25.5	28.2	35.029

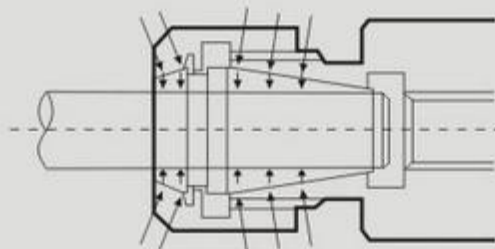
  

Model	D	Collapsible Capacity
SK6	2,2.5,3	0.25
SK6	3.5,4,4.5,5,5.5,6	0.5
SK10	2,2.5,3	0.25
SK10	3.175	0.475
SK10	3.5,4,4.5,5,5.5,6,6.5,7,7.5,8,8.5,9,9.5,10	0.5
SK16	3	0.25
SK16	3.175	0.475
SK16	3.5,4,4.5,5,5.5,6,6.5,7,7.5,8,8.5,9,9.5,10,10.5,11,11.5,12,12.5,13,13.5,14,14.5,15,15.5,16	0.5
SK25	6,8,10,12,14,16,16.5,17,17.5,18,18.5,19,19.5,20,20.5,21,21.5,22,22.5,23,23.5,24,24.5,25	0.5

## PRODUCT FUNCTION

### 1. Strong clamping force

4 ° semi-cone angle of the collet design to ensure strong clamping force and high precision, cutting performance more stable, more seismic performance



## 2. High life expectancy

Cylindrical cone in front of the boss design, work in the Division to prevent dust, cutting the entry to extend the service life

Surface special environmental protection coating to improve the surface hardness, wear resistance, improve cleanliness, accuracy and more stable.

## 3. High precision

Accuracy up to microns

Beating accuracy of 3 $\mu$ , 5 $\mu$ , 8 $\mu$

Coaxiality  $\leq$  5 $\mu$

With high-precision tool holders and nuts

## 4. Tough toughness and toughness

Collet hole through the precision honing process

Japan imported SUJ2 (high-carbon bearing steel: in the heat treatment, with a tough hardness and toughness, and good flexibility and longer life) Hardness 46-50HRC

## 5. Exquisite processing technology

### ● Cryogenic treatment

1, -196 °C ultra-long cryogenic treatment, so that nearly all the retained austenite into martensite;

2. precipitation of nano-carbide particles to increase the hardness and toughness;

3. Reduce the residual stress;

4. Significantly improve wear resistance.