

ER Sealed Collet

ER / C Watertight collet (internal cooling type)

1. Material: SUJ2; 42CrMo;
2. Hardness: 46-50HRC;
3. The use of groove differences, to achieve the surrounding water, only the center of the water function;
- 4 can withstand water pressure 7Mpa;
5. Non-standard hole can be customized;
- 6.20 slot design to increase the number of elastic groove, shrinkage of 0.5mm, clamping force increases to increase the sealing;
7. Provide two kinds of appearance: light decoration or coating treatment;

PRODUCT SIZE



20个弹性槽 20slot

◇ 材料: SUJ2
◇ 硬度: 44-48HRC
◇ Material: SUJ2
◇ Hardness: 44-48HRC

- 利用沟槽差异, 达到周围止水, 仅中心出水的功能
- 适用于夹持有出水孔的刀具
- 可承受水压7Mpa
- 非标准孔可订制
- Differences in the use of grooves to reach around the sealing
- Central water feature only applies to folders to hold the water hole tool
- Can withstand water pressure 7Mpa
- Non-standard holes can be customized.





16个弹性槽 16slot

精度 5 μ / 8 μ Integrated precision 5 μ / 8 μ

精度 8 μ Integrated precision 8 μ

无收缩范围 No shrinkage range

型号 Model No.	d	夹持范围 Range	D	D1	L	L1
ER11C	3-7	0.1	11	11.5	18	3.8
ER16C	3-6	0.1	16	17	27.5	6.26
	6-10	0.5				
ER20C	3-6	0.1	20	21	31.5	6.36
	6-13	0.5				
ER25C	3-6	0.1	25	26	34	6.66
	6-16	0.5				
ER32C	3-8	0.1	32	33	40	7.16
	8-20	0.5				
ER40C	4-10	0.1	40	41	46	7.66
	10-26	0.5				
ER50C	12-34	0.5	50	52	60	12.6

PRODUCT INTRODUCTION

Product Name: ER / C high-precision high-life cartridge clamp

Material: Japan imported SUJ2, 42CrMo

Product hardness: 46-50HRC

Surface roughness: Ra0.4

Collet Type: ER11C, ER16C, ER20C, ER25C, ER32C, ER40C, ER50C

Collet appearance: light coating (anti-corrosion, abrasion resistance, cleanliness number, accuracy and stability, smooth surface, feel comfortable, look more beautiful)

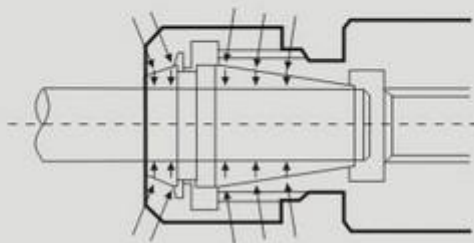
Collet accuracy: 0.005mm, 0.008mm

When ordering, please indicate the accuracy grade

PRODUCT FUNCTION

1. Strong clamping force

20-slot design to increase the number of elastic slots, Shrinkage of 0.5mm, clamping force increases, Increase the sealing Use the matching nuts to further increase clamping force



**I am a new product,
I have 20 elastic
slots Oh**



**I increased the number of elastic slots,
shrinkage of 0.5mm, clamping force increases,
increased sealing**

Vacuum hardening heat treatment, hardness increases
Overall dimensions conform to SIN6499 standard
The use of groove differences, to achieve the surrounding water,
only the center of the water function
It is suitable for clamping tools with water holes
Can withstand the highest water pressure 7Mpa

2. Tough toughness and toughness

Collet hole through the precision grinding machine

Material: high-carbon bearing steel, in the heat treatment, with a tough hardness and toughness, and good flexibility and longer life

Hardness 46-50HRC

3. Exquisite processing technology

• Cryogenic treatment

1, -185 °C super-long cryogenic treatment, so that nearly all the retained austenite into martensite;

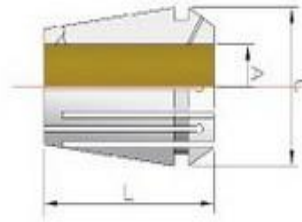
2. precipitation of nano-carbide particles to increase the hardness and toughness;

3. Reduce the residual stress;

4. Significantly improve wear resistance.

Aging processing

≥ 100h ultra-long set to remove the heat aging residual stress grinding process.



Model	D	L	Clamping Range	Wt(kg)
ERS16	17	27.5	3-10	0.03
ERS20	21	31.5	3-13	0.04
ERS25	26	34	3-16	0.06
ERS32	33	40	3-20	0.1
ERS40	41	46	3-26	0.25