

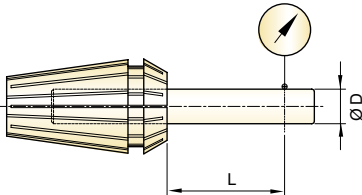
ER COLLET CHUCK



FEATURE

- Powerful chucking, high precision and easy operation
- Precise machining is stably maintained without chattering in High-Speed rotation.
- Due to nut designed with small bore, interference with work piece can be minimized and it enables speedy operation.
- Various nuts can be selected and used according to usage.
- Unlike single taper, double taper has long chucking part providing excellent torque power.

HIGH PRECISION

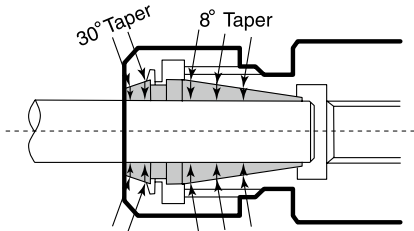


- By using high precision collet, excellent T.I.R can be achievable.
- With fine cutting of 16 sections, it has excellent contractile force, which makes higher precision can be achieved.

| D         | L  | Max.T.I.R(STD.) |
|-----------|----|-----------------|
| Ø1 ~ Ø1.6 | 6  | 0.015           |
| Ø1.6 ~ Ø3 | 10 | 0.015           |
| Ø3 ~ Ø6   | 16 | 0.015           |
| Ø6 ~ Ø10  | 25 | 0.015           |
| Ø10 ~ Ø18 | 40 | 0.020           |
| Ø18 ~ Ø26 | 50 | 0.020           |
| Ø26 ~ Ø34 | 60 | 0.020           |

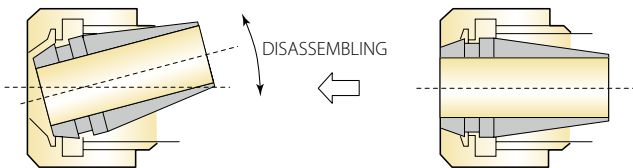
STRONG TORQUE POWER

- Longer clamping part of double taper collet provides stronger torque power.
- Stronger torque power can be achieved if ball bearing nut is used.



EASY ASSEMBLING AND DISASSEMBLING

- For assembling or disassembling of collet, first gently insert groove part of collet into eccentrical portion inside nut, and fasten it to same direction as screw or loosen it reversely.
- Notice :  
In case of Ø12.2mm tool, don't use Ø12~11mm collet. But use collet with Ø12.5~11.5mm. (In case of general cutting process, Ø13~12mm collet is usable)



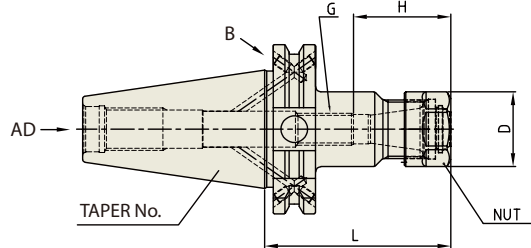
YG ER COLLET CHUCK

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ER COLLET CHUCK

FRÄSPANNFUTTER - ER  
MANDRIN À PINCES - ER  
MANDRINO PORTA PINZE - ER  
PORTAPINZAS - ER

DIN 69871-SK



ER Collet Refer to page 103-109  
ER nut, Sealing disk and Spanner Refer to page 110-115

| Unit : mm |                   |          |                |     |    |     |      |              |             |
|-----------|-------------------|----------|----------------|-----|----|-----|------|--------------|-------------|
| TAPER No. | MODEL No.         | EDP No.  | CLAMPING RANGE | L   | D  | G   | H    | NUT / COLLET | WEIGHT (kg) |
| 40        | SK40AD/B-ER11-70  | P2774812 | 0.5 - 7.0      | 70  | 19 | M6  | 45   | ER11         | 0.90        |
|           | SK40AD/B-ER11-100 | P2774826 | 0.5 - 7.0      | 100 | 19 | M6  | 45   | ER11         | 0.95        |
|           | SK40AD/B-ER16-70  | P2774801 | 0.5 - 10.0     | 70  | 28 | M12 | 36   | ER16         | 0.44        |
|           | SK40AD/B-ER16-100 | P2774804 | 0.5 - 10.0     | 100 | 28 | M12 | 36   | ER16         | 0.56        |
|           | SK40AD/B-ER16-130 | P2774827 | 0.5 - 10.0     | 130 | 28 | M12 | 36   | ER16         | 0.69        |
|           | SK40AD/B-ER16-160 | P2774828 | 0.5 - 10.0     | 160 | 28 | M12 | 36   | ER16         | 0.81        |
|           | SK40AD/B-ER20-70  | P2774813 | 0.5 - 13.0     | 70  | 34 | M12 | 44.5 | ER20         | 0.47        |
|           | SK40AD/B-ER20-100 | P2774820 | 0.5 - 13.0     | 100 | 34 | M12 | 44.5 | ER20         | 0.64        |
|           | SK40AD/B-ER20-130 | P2774829 | 0.5 - 13.0     | 130 | 34 | M12 | 44.5 | ER20         | 0.80        |
|           | SK40AD/B-ER20-160 | P2774830 | 0.5 - 13.0     | 160 | 34 | M12 | 44.5 | ER20         | 1.00        |
|           | SK40AD/B-ER25-70  | P2774802 | 1.0 - 16.0     | 70  | 42 | M12 | 52   | ER25         | 0.56        |
|           | SK40AD/B-ER25-100 | P2774805 | 1.0 - 16.0     | 100 | 42 | M12 | 52   | ER25         | 0.84        |
|           | SK40AD/B-ER25-130 | P2774831 | 1.0 - 16.0     | 130 | 42 | M12 | 52   | ER25         | 1.14        |
|           | SK40AD/B-ER25-160 | P2774832 | 1.0 - 16.0     | 160 | 42 | M12 | 52   | ER25         | 1.44        |
|           | SK40AD/B-ER32-70  | P2774803 | 1.0 - 20.0     | 70  | 50 | M12 | 60   | ER32         | 0.51        |
|           | SK40AD/B-ER32-100 | P2774806 | 1.0 - 20.0     | 100 | 50 | M12 | 60   | ER32         | 0.88        |
|           | SK40AD/B-ER32-130 | P2774833 | 1.0 - 20.0     | 130 | 50 | M12 | 60   | ER32         | 1.21        |
|           | SK40AD/B-ER32-160 | P2774834 | 1.0 - 20.0     | 160 | 50 | M12 | 60   | ER32         | 1.54        |
|           | SK40AD/B-ER40-80  | P2774814 | 2.0 - 30.0     | 80  | 63 | M12 | 53   | ER40         | 0.65        |
|           | SK40AD/B-ER40-100 | P2774835 | 2.0 - 30.0     | 100 | 63 | M12 | 75   | ER40         | 0.90        |
| 50        | SK40AD/B-ER40-130 | P2774836 | 2.0 - 30.0     | 130 | 63 | M12 | 75   | ER40         | 1.34        |
|           | SK40AD/B-ER40-160 | P2774837 | 2.0 - 30.0     | 160 | 63 | M12 | 75   | ER40         | 1.77        |
|           | SK50AD/B-ER16-70  | P2774815 | 0.5 - 10.0     | 70  | 28 | M12 | 36   | ER16         | 2.71        |
|           | SK50AD/B-ER16-100 | P2774821 | 0.5 - 10.0     | 100 | 28 | M12 | 45   | ER16         | 2.82        |
|           | SK50AD/B-ER16-130 | P2774838 | 0.5 - 10.0     | 130 | 28 | M12 | 36   | ER16         | 2.92        |
|           | SK50AD/B-ER16-160 | P2774839 | 0.5 - 10.0     | 160 | 28 | M12 | 36   | ER16         | 3.01        |
|           | SK50AD/B-ER20-70  | P2774816 | 0.5 - 13.0     | 70  | 34 | M12 | 44.5 | ER20         | 2.78        |
|           | SK50AD/B-ER20-100 | P2774822 | 0.5 - 13.0     | 100 | 34 | M12 | 50   | ER20         | 2.88        |
|           | SK50AD/B-ER20-130 | P2774840 | 0.5 - 13.0     | 130 | 34 | M12 | 50   | ER20         | 3.02        |
|           | SK50AD/B-ER20-160 | P2774841 | 0.5 - 13.0     | 160 | 34 | M12 | 50   | ER20         | 3.16        |
|           | SK50AD/B-ER25-70  | P2774817 | 1.0 - 16.0     | 70  | 42 | M12 | 65   | ER25         | 2.75        |
|           | SK50AD/B-ER25-100 | P2774823 | 1.0 - 16.0     | 100 | 42 | M12 | 52   | ER25         | 3.06        |
|           | SK50AD/B-ER25-130 | P2774842 | 1.0 - 16.0     | 130 | 42 | M12 | 42   | ER25         | 3.32        |
|           | SK50AD/B-ER25-160 | P2774843 | 1.0 - 16.0     | 160 | 42 | M12 | 42   | ER25         | 3.57        |
|           | SK50AD/B-ER32-70  | P2774818 | 1.0 - 20.0     | 70  | 50 | M12 | 60   | ER32         | 2.84        |
|           | SK50AD/B-ER32-100 | P2774824 | 1.0 - 20.0     | 100 | 50 | M12 | 60   | ER32         | 3.29        |
|           | SK50AD/B-ER32-130 | P2774844 | 1.0 - 20.0     | 130 | 50 | M12 | 73   | ER32         | 3.67        |
|           | SK50AD/B-ER32-160 | P2774845 | 1.0 - 20.0     | 160 | 50 | M12 | 73   | ER32         | 4.06        |
|           | SK50AD/B-ER40-80  | P2774819 | 2.0 - 30.0     | 80  | 63 | M12 | 69   | ER40         | 3.10        |
|           | SK50AD/B-ER40-100 | P2774825 | 2.0 - 30.0     | 100 | 63 | M12 | 75   | ER40         | 3.56        |
|           | SK50AD/B-ER40-130 | P2774846 | 2.0 - 30.0     | 130 | 63 | M12 | 75   | ER40         | 4.22        |
|           | SK50AD/B-ER40-160 | P2774847 | 2.0 - 30.0     | 160 | 63 | M12 | 75   | ER40         | 4.88        |

► CAT(ANSI B5.50) taper and Inch type products are available.