

Garant
ER collet chuck, HSK-F 63 A = 160, for ER collet size: 16 ER

Order data

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|--------------|---------------|
| Order number | 305436 16 |
| GTIN | 4045197587718 |
| Item class | 31A |

Description
Version:

With Balluffchip bore.

- **All shanks hard turned (for smooth running!).**
- **Through bored (without adjustment screw).**
- **HSK mating faces machined.**

Application:

For clamping tools with plain shanks in ER collets to DIN 6499 – Form A and B.

Supplied with:

Coated high-speed clamping nut.

Optional extras:

Coolant tube No. 309880, socket wrench for coolant tubes No. 309890, ER collets No. 308881 – 309434, ER chuck key No. 309680 or 613300.

Note:

Without a thread for the coolant pipe.

Clamping range: 0.5 - 10 mm

External Ø D: 28 mm

Technical description

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| Clamping range | 0.5 - 10 mm |
| for ER collets | 16 |
| External Ø D | 28 mm |

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| Adapter | HSK-F 63 A = 160 |
| Arbor standard | DIN 69893 |
| Arbor standard | DIN 69882-6 |
| Arbor standard | ISO 12164-1 |
| Shape | F |
| Balance quality G at rotational speed | G 2.5 at 25,000 rpm |
| Concentricity | ≤ 3 μm |
| Machining strategy | HSC |
| Balluffchip bore | yes |
| Type of product | Collet chuck |

Accessories

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| ER collet Nominal clamping Ø d 9 mm | 308920 9 |
| ER collet with seal Nominal clamping Ø d 10 mm | 308906 10 |
| Single open ended spanner Width across flats 25 mm | 613300 25 |
| ER collet with seal and spray nozzles Nominal clamping Ø d 3 mm | 308922 3 |
| ER collet with seal Nominal clamping Ø d 5 mm | 308921 5 |
| ER collet Nominal clamping Ø d 3 mm | 308901 3 |
| ER collet set 10 pieces 1–10 mm | 309012 |
| ER collet set 10 pieces 1–10 mm with seal | 309164 |
| ET collet for thread tapping, with axial compensation Nominal clamping Ø d 2,8 mm | 309425 2,8 |
| ER collet with seal and spray nozzles Nominal clamping Ø d 6 mm | 308922 6 |
| ER collet with seal and spray nozzles Nominal clamping Ø d 9 mm | 308922 9 |
| ER collet Nominal clamping Ø d 7 mm | 308920 7 |
| ER collet Nominal clamping Ø d 10 mm | 308920 10 |

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| ER collet set 10 pieces 1–10 mm with seal and spray nozzles | 309165 |
| ER clamping nut High Speed for ER 16 | 309610 16 |
| ER collet Nominal clamping Ø d 2 mm | 308901 2 |
| ER collet with seal Nominal clamping Ø d 10 mm | 308921 10 |
| ER collet Nominal clamping Ø d 2,5 mm | 308901 2,5 |
| ER collet with seal and spray nozzles Nominal clamping Ø d 10 mm | 308922 10 |
| ER collet Nominal clamping Ø d 9 mm | 308901 9 |
| ER collet Nominal clamping Ø d 4 mm | 308920 4 |
| ER collet with seal Nominal clamping Ø d 6 mm | 308906 6 |
| ER collet Nominal clamping Ø d 3 mm | 308920 3 |
| ER collet set 10 pieces 1–10 mm | 309160 |
| ER collet with seal Nominal clamping Ø d 5 mm | 308906 5 |
| HiRunER clamping wrench for torque wrench Type 16 | 309749 16 |
| ER collet Nominal clamping Ø d 8 mm | 308901 8 |
| ER collet with seal Nominal clamping Ø d 9 mm | 308921 9 |
| ER collet with seal and spray nozzles Nominal clamping Ø d 4 mm | 308922 4 |
| ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm | 309425 4,5 |
| ER collet Nominal clamping Ø d 5 mm | 308901 5 |
| ER collet Nominal clamping Ø d 1,5 mm | 308901 1,5 |
| ER collet Nominal clamping Ø d 10 mm | 308901 10 |
| ER collet with seal Nominal clamping Ø d 4 mm | 308906 4 |
| ER collet Nominal clamping Ø d 5 mm | 308920 5 |
| ER collet Nominal clamping Ø d 7 mm | 308901 7 |
| ER collet with seal Nominal clamping Ø d 3 mm | 308906 3 |
| ER collet Nominal clamping Ø d 6 mm | 308901 6 |
| ER collet with seal Nominal clamping Ø d 3 mm | 308921 3 |
| ER collet set 6 pieces, 3, 4, 5, 6, 8, 10 mm with seal | 309014 |

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| ET collet for thread tapping, with axial compensation Nominal clamping Ø d 6 mm | 309425 6 |
| ET collet for thread tapping, with axial compensation Nominal clamping Ø d 3,5 mm | 309425 3,5 |
| ER collet with seal Nominal clamping Ø d 7 mm | 308921 7 |
| ER collet with seal Nominal clamping Ø d 8 mm | 308906 8 |
| ER collet Nominal clamping Ø d 2 mm | 308920 2 |
| ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm | 308922 7 |
| ER collet with seal and spray nozzles Nominal clamping Ø d 8 mm | 308922 8 |
| ER collet with seal and spray nozzles Nominal clamping Ø d 5 mm | 308922 5 |
| ER collet Nominal clamping Ø d 8 mm | 308920 8 |
| ER collet with seal Nominal clamping Ø d 7 mm | 308906 7 |
| ER collet with seal Nominal clamping Ø d 9 mm | 308906 9 |
| ER collet Nominal clamping Ø d 4 mm | 308901 4 |
| ER collet with seal Nominal clamping Ø d 8 mm | 308921 8 |
| ER collet with seal Nominal clamping Ø d 4 mm | 308921 4 |
| ER collet Nominal clamping Ø d 1 mm | 308920 1 |
| ER collet with seal Nominal clamping Ø d 6 mm | 308921 6 |
| ER collet Nominal clamping Ø d 6 mm | 308920 6 |
| ER collet Nominal clamping Ø d 1 mm | 308901 1 |