

**ER collet chuck Form AD, SK 40 A = 160, for ER collet size: 16 ER****Order data**

|              |               |
|--------------|---------------|
| Order number | 300535 16     |
| GTIN         | 4062406109332 |
| Item class   | 32A           |

**Description****Version:**

Taper ground internally and externally. With Balluffchip bore.

**HOLEX –**

HOLEX precision clamping nut, balanced (G6.3 / 18,000 rpm, all shanks fine bead blasted. Balancing quality G6.3 / 18,000 rpm).

**Application:**

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

**Supplied with:**

Clamping nut.

**Optional extras:**

Pull studs (PS) No. 308600 – 308806, PS pull stud wrenches No.308820 – 308835, ER chuck key No. 309680 – 613300, ER collets No. 308901 – 309449, ER clamping nuts No. 309615 (for sealing rings), sealing rings No. 309625 – 309645 (for No. 309615).

Machining strategy: HSC

Clamping range: 0.5 - 10 mm

External Ø D: 28 mm

Spare GARANT high-speed clamping nut No. 309610: 16

Spare HOLEX nut No. 309580: 16

**Technical description**

|                            |             |
|----------------------------|-------------|
| External Ø D               | 28 mm       |
| Spare HOLEX nut No. 309580 | 16          |
| Clamping range             | 0.5 - 10 mm |

|                                                 |                     |
|-------------------------------------------------|---------------------|
| Spare GARANT high-speed clamping nut No. 309610 | 16                  |
| Adapter                                         | SK 40 A = 160       |
| Arbor standard                                  | ISO 7388-1          |
| Shape                                           | AD                  |
| Balance quality G at rotational speed           | G 6.3 at 18,000 rpm |
| Concentricity                                   | ≤ 3 µm              |
| Machining strategy                              | HSC                 |
| Balluffchip bore                                | yes                 |
| Type of product                                 | Collet chuck        |

## Accessories

|                                                                  |            |
|------------------------------------------------------------------|------------|
| Pull stud Hurco 45° with fit sealed suitable for steep tapers 40 | 308802 40  |
| ER collet Nominal clamping Ø d 3 mm                              | 308920 3   |
| ER collet Nominal clamping Ø d 10 mm                             | 308901 10  |
| Pull stud 45° sealed suitable for steep tapers 40                | 308765 40  |
| ER plain bearing clamping nut for ER 16                          | 309612 16  |
| ER collet with seal Nominal clamping Ø d 8 mm                    | 308921 8   |
| ER collet with seal and spray nozzles Nominal clamping Ø d 7 mm  | 308922 7   |
| ER collet with seal Nominal clamping Ø d 3 mm                    | 308906 3   |
| ER collet Nominal clamping Ø d 2 mm                              | 308920 2   |
| ER clamping nut High Speed for ER 16                             | 309610 16  |
| ER collet with seal Nominal clamping Ø d 10 mm                   | 308906 10  |
| Pull stud 60° sealed suitable for steep tapers 40                | 308785 40  |
| ER collet for machine taps with seal Nominal clamping Ø d 3,5 mm | 309403 3,5 |
| Pull stud 45° sealed suitable for steep tapers 40                | 308760 40  |
| ER collet with seal Nominal clamping Ø d 7 mm                    | 308906 7   |

|                                                                                    |            |
|------------------------------------------------------------------------------------|------------|
| ER collet with seal and spray nozzles Nominal clamping Ø d 3 mm                    | 308922 3   |
| ER collet for machine taps with seal Nominal clamping Ø d 7 mm                     | 309403 7   |
| ER collet for machine taps with seal Nominal clamping Ø d 4 mm                     | 309402 4   |
| Pull stud Hurco 45° with bore and fit sealed suitable for steep tapers 40          | 308801 40  |
| ER clamping nut for HiRunER collet chucks for ER 16                                | 309617 16  |
| Pull stud stud sealed, form A suitable for steep tapers 40                         | 308610 40  |
| ER collet with seal and spray nozzles Nominal clamping Ø d 8 mm                    | 308922 8   |
| ER collet Nominal clamping Ø d 1 mm                                                | 308901 1   |
| Torque insert for Pull studs to SO 7388 suitable for ISO taper size 40             | 308812 40  |
| ER collet Nominal clamping Ø d 1,5 mm                                              | 308901 1,5 |
| ER collet set 10 pieces 1–10 mm with seal and spray nozzles                        | 309165     |
| ER collet for machine taps with seal Nominal clamping Ø d 6 mm                     | 309403 6   |
| ER collet Nominal clamping Ø d 5 mm                                                | 308920 5   |
| Single open ended spanner Width across flats 25 mm                                 | 613300 25  |
| ER collet with seal and spray nozzles Nominal clamping Ø d 5 mm                    | 308922 5   |
| ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 4,5 mm | 309404 4,5 |
| ER collet with seal and spray nozzles Nominal clamping Ø d 9 mm                    | 308922 9   |
| ER collet with seal Nominal clamping Ø d 6 mm                                      | 308906 6   |
| ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm                   | 309402 4,5 |
| ER collet Nominal clamping Ø d 9 mm                                                | 308920 9   |
| Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40                  | 308630 40  |

|                                                                                        |            |
|----------------------------------------------------------------------------------------|------------|
| Special pull stud with no internal thread sealed suitable for steep tapers 40          | 308720 40  |
| ER collet with seal Nominal clamping Ø d 5 mm                                          | 308906 5   |
| Special pull stud with no internal thread sealed suitable for steep tapers 40          | 308700 40  |
| Special pull stud with internal thread suitable for steep tapers 40                    | 308740 40  |
| Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40                       | 308615 40  |
| Pull stud sealed, form B suitable for steep tapers 40                                  | 308650 40  |
| ER collet Nominal clamping Ø d 8 mm                                                    | 308901 8   |
| ER collet set 10 pieces 1–10 mm                                                        | 309160     |
| Pull stud 90° sealed suitable for steep tapers 40                                      | 308795 40  |
| ER collet Nominal clamping Ø d 7 mm                                                    | 308901 7   |
| Pull stud, 18CrNiMo7 Form A suitable for steep tapers 40                               | 308605 40  |
| ER collet with seal Nominal clamping Ø d 4 mm                                          | 308906 4   |
| ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 6 mm       | 309404 6   |
| ET collet for thread tapping, with axial compensation Nominal clamping Ø d 3,5 mm      | 309425 3,5 |
| Wrench for pull studs ISO 7388 suitable for ISO taper size 40                          | 308830 40  |
| ER collet Nominal clamping Ø d 6 mm                                                    | 308901 6   |
| ER collet for machine taps with seal Nominal clamping Ø d 4 mm                         | 309403 4   |
| ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 2,8 mm | 309445 2,8 |
| ER collet with seal and spray nozzles Nominal clamping Ø d 6 mm                        | 308922 6   |
| ER collet for machine taps with seal Nominal clamping Ø d 9 mm                         | 309402 9   |
| Pull stud sealed suitable for steep tapers 40                                          | 308660 40  |
|                                                                                        | 309402 6   |

ER collet for machine taps with seal Nominal clamping Ø d 6 mm

ER collet for machine taps with seal Nominal clamping Ø d 8 mm

309403 8

ER collet with seal Nominal clamping Ø d 5 mm

308921 5

ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3,5 mm

309445 3,5

ER collet for machine taps with seal Nominal clamping Ø d 8 mm

309402 8

Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40

308820 40

ER collet Nominal clamping Ø d 9 mm

308901 9

ER collet Nominal clamping Ø d 2 mm

308901 2

ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 3 mm

309445 3

ER collet Nominal clamping Ø d 5 mm

308901 5

ER collet with seal Nominal clamping Ø d 8 mm

308906 8

ER collet Nominal clamping Ø d 4 mm

308920 4

ER collet Nominal clamping Ø d 8 mm

308920 8

ER collet with seal Nominal clamping Ø d 9 mm

308921 9

ET collet with radial compensation for tapping and reaming Nominal clamping Ø d 2 mm

309445 2

ER collet Nominal clamping Ø d 2,5 mm

308901 2,5

ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm

309403 4,5

ER collet with seal Nominal clamping Ø d 3 mm

308921 3

ER collet Nominal clamping Ø d 10 mm

308920 10

ET collet for thread tapping, with axial compensation Nominal clamping Ø d 4,5 mm

309425 4,5

ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 3,5 mm

309404 3,5

ER collet with seal Nominal clamping Ø d 10 mm

308921 10

308810 40

Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 40

|                                                                                           |            |
|-------------------------------------------------------------------------------------------|------------|
| Pull stud 90° sealed suitable for steep tapers 40                                         | 308790 40  |
| ER collet Nominal clamping Ø d 3 mm                                                       | 308901 3   |
| ER collet Nominal clamping Ø d 1 mm                                                       | 308920 1   |
| Pull stud Form B suitable for steep tapers 40                                             | 308640 40  |
| ER collet with seal Nominal clamping Ø d 7 mm                                             | 308921 7   |
| ER collet for machine taps with seal and spray nozzles<br>Nominal clamping Ø d 8 mm       | 309404 8   |
| ER collet set 15 pieces 2–16 mm                                                           | 309240     |
| Pull stud sealed suitable for steep tapers 40                                             | 308635 40  |
| ET collet with radial compensation for tapping and<br>reaming Nominal clamping Ø d 4,5 mm | 309445 4,5 |
| ER collet Nominal clamping Ø d 4 mm                                                       | 308901 4   |
| ET collet with radial compensation for tapping and<br>reaming Nominal clamping Ø d 4 mm   | 309445 4   |
| ET collet for thread tapping, with axial compensation<br>Nominal clamping Ø d 6 mm        | 309425 6   |
| Pull stud Hurco 90° with fit sealed suitable for steep tapers<br>40                       | 308806 40  |
| ER collet for machine taps with seal Nominal clamping Ø d<br>9 mm                         | 309403 9   |
| ET collet with radial compensation for tapping and<br>reaming Nominal clamping Ø d 5 mm   | 309445 5   |
| ER collet Nominal clamping Ø d 7 mm                                                       | 308920 7   |
| ER collet with seal and spray nozzles Nominal clamping Ø<br>d 4 mm                        | 308922 4   |
| Torque insert for ER mini-nuts for ER collet chuck 16                                     | 309745 16  |
| ER clamping nut for ER 16                                                                 | 309580 16  |
| ER collet with seal and spray nozzles Nominal clamping Ø<br>d 10 mm                       | 308922 10  |
| ET collet with radial compensation for tapping and<br>reaming Nominal clamping Ø d 6 mm   | 309445 6   |

|                                                                                   |            |
|-----------------------------------------------------------------------------------|------------|
| ER collet with seal Nominal clamping Ø d 4 mm                                     | 308921 4   |
| Pull stud Mazak sealed, form A suitable for steep tapers 40M                      | 308670 40M |
| ER collet for machine taps with seal Nominal clamping Ø d 7 mm                    | 309402 7   |
| Torque wrench with reversible ratchet maximum torque 200 Nm                       | 656050 200 |
| ER collet with seal Nominal clamping Ø d 9 mm                                     | 308906 9   |
| ER collet for machine taps with seal and spray nozzles Nominal clamping Ø d 7 mm  | 309404 7   |
| Pull stud sealed, form B suitable for steep tapers 40                             | 308620 40  |
| ET collet for thread tapping, with axial compensation Nominal clamping Ø d 2,8 mm | 309425 2,8 |
| ER collet for machine taps with seal Nominal clamping Ø d 2,8 mm                  | 309402 2,8 |
| ER collet set 10 pieces 1–10 mm with seal                                         | 309164     |
| ER collet set 10 pieces 1–10 mm                                                   | 309012     |
| ER collet with seal Nominal clamping Ø d 6 mm                                     | 308921 6   |
| ER collet Nominal clamping Ø d 6 mm                                               | 308920 6   |
| ER collet for machine taps with seal Nominal clamping Ø d 3,5 mm                  | 309402 3,5 |
| ER collet set 6 pieces, 3, 4, 5, 6, 8, 10 mm with seal                            | 309014     |
| Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40                 | 308625 40  |
| ER collet for machine taps with seal Nominal clamping Ø d 2,8 mm                  | 309403 2,8 |