

**Garant**
**Shrink-fit chuck, SK 50 A = 200, Clamping range  $\varnothing$  D1: 16mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 302355 16     |
| GTIN         | 4045197288837 |
| Item class   | 31A           |

**Description**
**Version:**

- **High-temperature steel.**
- **Size 3 -5 for carbide, from size 6 for HSS and carbide.**
- **All shanks hard turned (for smooth running!).**
- **With RFID/Balluffchip bore.**

**Application:**

For clamping tools with parallel shank to h6 tolerance.  
Suitable for inductive, contact, and hot-air shrink units.

**Optional extras:**

Pull studs (PS) No. 308600 – 308800. PS wrenches No. 308820 – 308835, Shrink-fit chuck extensions No. 302410 – 302419. Shrink-fit units, accessories No. 354210 – 354450, balancing screws set No. 309906 size 180.

**Technical description**

|                                       |               |
|---------------------------------------|---------------|
| $\varnothing$ D <sub>2</sub>          | 27 mm         |
| Overhang dimension A                  | 200 mm        |
| Clamping $\varnothing$ D <sub>1</sub> | 16 mm         |
| External $\varnothing$ D              | 34 mm         |
| Adapter                               | SK 50 A = 200 |
| Arbor standard                        | ISO 7388-1    |

|                                       |                     |
|---------------------------------------|---------------------|
| Shape                                 | ADB                 |
| Balance quality G at rotational speed | G 2.5 at 25,000 rpm |
| Concentricity                         | ≤ 3 μm              |
| Machining strategy                    | HSC                 |
| Machining strategy                    | HPC                 |
| Type of product                       | Shrink-fit chuck    |

## Accessories

|  |                |
|--|----------------|
| Pull studsealed, form B suitable for steep tapers 50                               | 308620 50      |
| Special pull stud with internal thread suitable for steep tapers 50                | 308740 50      |
| Cooling adapter short4.5° for clamping Ø 12,1-16 mm                                | 354235 12,1-16 |
| Basic tool mountingfor SK for SK taper shank 50                                    | 354225 50      |
| Cooling adapter long4.5° for clamping Ø 12,1-16 mm                                 | 354236 12,1-16 |
| Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 25/16 mm | 302416 25/16   |
| Pull studsealed, form A suitable for steep tapers 50                               | 308610 50      |
| Shrink-fit chuck extension 4.5°with length adjustment screw Ø d / Ø D1 32/16 mm    | 302412 32/16   |
| Wrench for pull studsISO 7388 suitable for ISO taper size 50                       | 308830 50      |
| Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 32/16 mm | 302416 32/16   |
| Shrink-fit chuck extension 4.5°with length adjustment screw Ø d / Ø D1 25/16 mm    | 302412 25/16   |
| Pull stud 45°sealed suitable for steep tapers 50                                   | 308760 50      |
| Pull stud, 18CrNiMo7Form A suitable for steep tapers 50                            | 308605 50      |
| Pull stud 90°sealed suitable for steep tapers 50                                   | 308790 50      |
| Screening plate for coilSU1 for clamping Ø 12-20 mm                                | 354240 12-20   |
| Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 32/16 mm | 302410 32/16   |

|  |              |
|--|--------------|
| Pull studForm A suitable for steep tapers 50   | 308600 50    |
| Pull studsealed suitable for steep tapers 50   | 308660 50    |
| Shrink-fit chuck extension 4.5°without length adjustment<br>screw Ø d / Ø D1 25/16 mm      | 302410 25/16 |
| Wrench for pull studsDIN ISO 7388-1 (formerly DIN 69872)<br>suitable for ISO taper size 50 | 308820 50    |
| Pull stud 45°sealed suitable for steep tapers 50   | 308765 50    |
| Pull stud 90°sealed suitable for steep tapers 50   | 308795 50    |
| Cooling unit Type CU1  | 354215 CU1   |
| Pull studForm B suitable for steep tapers 50   | 308640 50    |
| Special pull stud with no internal threadsealed suitable for<br>steep tapers 50            | 308720 50    |
| Shrink-fit unit Type SU1   | 354210 SU1   |
| Pull stud, 18CrNiMo7sealed, form B suitable for steep<br>tapers 50                         | 308615 50    |
| Pull studsealed, form B suitable for steep tapers 50                                       | 308650 50    |
| Pull stud 60°sealed suitable for steep tapers 50   | 308785 50    |