

**Garant**
**Shrink-fit chuck, SK 50 A = 120, Clamping range  $\varnothing$  D1: 32 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 302305 32     |
| GTIN         | 4045197288677 |
| 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 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.

Machining strategy: HPC

External  $\varnothing$  D: 53 mm

$\varnothing$  D<sub>2</sub>: 44 mm

**Technical description**

|                                       |               |
|---------------------------------------|---------------|
| $\varnothing$ D <sub>2</sub>          | 44 mm         |
| Clamping $\varnothing$ D <sub>1</sub> | 32 mm         |
| External $\varnothing$ D              | 53 mm         |
| Adapter                               | SK 50 A = 120 |

|                                       |                     |
|---------------------------------------|---------------------|
| 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 stud 90° sealed suitable for steep tapers 50  | 308795 50      |
| Cooling adapter short 4.5° for clamping Ø 22,1-32 mm                                     | 354235 22,1-32 |
| Torque insert for Pull studs to SO 7388 suitable for ISO taper size 50                   | 308812 50      |
| Cooling unit Type CU1  | 354215 CU1     |
| Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 50                         | 308615 50      |
| Shrink-fit unit Type SU1   | 354210 SU1     |
| Pull stud 45° sealed suitable for steep tapers 50  | 308765 50      |
| Screening plate for coil SU1 for clamping Ø 20-32 mm                                     | 354240 20-32   |
| Basic tool mounting for SK for SK taper shank 50 SK                                      | 354225 50      |
| Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 50                 | 308810 50      |
| Wrench for pull studs ISO 7388 suitable for ISO taper size 50                            | 308830 50      |
| Special pull stud with no internal thread sealed suitable for steep tapers 50            | 308720 50      |
| Pull stud 45° sealed suitable for steep tapers 50  | 308760 50      |
| Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50 | 308820 50      |
|  | 308700 50      |

Special pull stud with no internal thread sealed suitable for steep tapers 50

|   |                |
|---|----------------|
| Pull stud sealed, form B suitable for steep tapers 50               | 308620 50      |
| Pull stud Form B suitable for steep tapers 50                       | 308640 50      |
| Pull stud sealed, form B suitable for steep tapers 50               | 308650 50      |
| Cooling adapter long 4.5° for clamping Ø 22,1-32 mm                 | 354236 22,1-32 |
| Pull stud Form A suitable for steep tapers 50                       | 308600 50      |
| Pull stud, 18CrNiMo7 Form A suitable for steep tapers 50            | 308605 50      |
| Pull stud sealed suitable for steep tapers 50                       | 308660 50      |
| Pull stud stud sealed, form A suitable for steep tapers 50          | 308610 50      |
| Pull stud 60° sealed suitable for steep tapers 50                   | 308785 50      |
| Pull stud 90° sealed suitable for steep tapers 50                   | 308790 50      |
| Special pull stud with internal thread suitable for steep tapers 50 | 308740 50      |