

**Garant****Shrink-fit chuck with cooling channel bores, SK 50 A = 120, Clamping range Ø D1: 8 mm****Order data**

|              |               |
|--------------|---------------|
| Order number | 302308 8      |
| GTIN         | 4062406544614 |
| 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.**

With **coolant hole bores** tapped for plugging.

Coolant hole bores at clamping Ø D1: 3, 4 and 5 mm cannot be plugged.

**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

Cooling channel bore: lockable

External Ø D: 27 mm

Ø D<sub>2</sub>: 21 mm

**Technical description**

|                      |          |
|----------------------|----------|
| External Ø D         | 27 mm    |
| Cooling channel bore | lockable |

|                                       |                     |
|---------------------------------------|---------------------|
| Clamping Ø D <sub>1</sub>             | 8 mm                |
| Ø D <sub>2</sub>                      | 21 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

|                                                                                    |             |
|------------------------------------------------------------------------------------|-------------|
| Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 20/8 mm | 302416 20/8 |
| Screening plate for coil SU1 for clamping Ø 6-12 mm                                | 354240 6-12 |
| Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 50                   | 308615 50   |
| Basic tool mounting for SK for SK taper shank 50 SK                                | 354225 50   |
| Shrink-fit chuck extension 4.5° with length adjustment screw Ø d / Ø D1 25/8 mm    | 302412 25/8 |
| Pull stud sealed, form B suitable for steep tapers 50                              | 308650 50   |
| Pull stud 45° sealed suitable for steep tapers 50                                  | 308765 50   |
| Pull stud Form B suitable for steep tapers 50                                      | 308640 50   |
| Wrench for pull studs ISO 7388 suitable for ISO taper size 50                      | 308830 50   |
| Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 25/8 mm | 302416 25/8 |
| Special pull stud with no internal thread sealed suitable for steep tapers 50      | 308700 50   |
| Pull stud 90° sealed suitable for steep tapers 50                                  | 308795 50   |

|                                                                                                                |             |
|----------------------------------------------------------------------------------------------------------------|-------------|
| Pull stud Form A suitable for steep tapers 50                                                                  | 308600 50   |
| Pull stud 60° sealed suitable for steep tapers 50                                                              | 308785 50   |
| Pull stud sealed, form B suitable for steep tapers 50                                                          | 308620 50   |
| Shrink-fit chuck extension 4.5° with length adjustment screw Ø d / Ø D1 20/8 mm                                | 302412 20/8 |
| Cooling adapter short 4.5° for clamping Ø 6-9 mm                                                               | 354235 6-9  |
| Special pull stud with no internal thread sealed suitable for steep tapers 50                                  | 308720 50   |
| Special pull stud with internal thread suitable for steep tapers 50                                            | 308740 50   |
| Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 50                                       | 308810 50   |
| Cooling adapter long 4.5° for clamping Ø 6-9 mm                                                                | 354236 6-9  |
| Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 20/8 mm                             | 302410 20/8 |
| Pull stud 90° sealed suitable for steep tapers 50                                                              | 308790 50   |
| Shrink fit chuck extension 3°, vibration-damped Ø d / Ø D1 20/8 mm                                             | 302415 20/8 |
| Torque insert for Pull studs to SO 7388 suitable for ISO taper size 50                                         | 308812 50   |
| Cooling unit Type CU1                                                                                          | 354215 CU1  |
| Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 25/8 mm                             | 302410 25/8 |
| Pull stud, 18CrNiMo7 Form A suitable for steep tapers 50                                                       | 308605 50   |
| Pull stud 45° sealed suitable for steep tapers 50                                                              | 308760 50   |
| Pull stud sealed suitable for steep tapers 50                                                                  | 308660 50   |
| Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50                       | 308820 50   |
| Pull stud sealed, form A suitable for steep tapers 50                                                          | 308610 50   |
| Shrink-fit chuck extension 4.5° without length adjustment screw, with through coolant holes Ø d / Ø D1 25/8 mm | 302414 25/8 |