

Garant
Hydraulic chuck HD chuck short, version HT, SK 50, Clamping range \varnothing D1: 12mm

Order data

| | |
|--------------|---------------|
| Order number | 302029 12 |
| GTIN | 4045197586940 |
| Item class | 31H |

Description
Version:

- **Very high total rigidity due to optimised design.**
- **With RFID/Balluffchip bore.**
- **Axial length adjustment (adjustment 10 mm) available.**
- **Flexible due to use of reducing sleeves.**

Application:

- **For drilling, reaming and for light and heavy-duty machining when milling.**
- **Maximum transmissible torque 550 Nm, version HT (High Torque).**
- **Ideal damping characteristics, resulting in optimum surface finishes, increased tool life and spindle protection.**

Optional extras:

Pull studs (PS) No. 308600 – 308806, PS wrenches No. 308820 – 308835, Reducing adapters No. 302135 – 302187.

Note:

V = Maximum adjustment range!

Caution in the case of extra-long tools and TPC machining.

Technical description

| | |
|----------------------|-------|
| Reach L_1 | 31 mm |
| Overhang dimension A | 50 mm |

| | |
|---------------------------------------|--------------------------|
| suitable reducing adapter | 302140; 302135 |
| Clamping $\varnothing D_1$ | 12 mm |
| External $\varnothing D$ | 42 mm |
| Adapter | SK 50 |
| Arbor standard | ISO 7388-1 |
| Shape | ADB |
| Balance quality G at rotational speed | G 2.5 at 25,000 rpm |
| Concentricity | $\leq 3 \mu\text{m}$ |
| Machining strategy | HSC |
| Machining strategy | HPC |
| Type of product | Hydraulic clamping chuck |

Accessories

| | |
|---|-----------|
| Slotted reducing adaptersealed Clamping range $\varnothing D1$ 8 mm | 302140 8 |
| Slotted reducing adapterwith cooling Clamping range $\varnothing D1$ 6 mm | 302135 6 |
| Slotted reducing adaptersealed Clamping range $\varnothing D1$ 6 mm | 302140 6 |
| Slotted reducing adapterwith cooling Clamping range $\varnothing D1$ 4 mm | 302135 4 |
| Pull stud, 18CrNiMo7Form A suitable for steep tapers 50 | 308605 50 |
| Wrench for pull studsDIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50 | 308820 50 |
| Special pull stud with no internal threadsealed suitable for steep tapers 50 | 308720 50 |
| Special pull stud with internal thread suitable for steep tapers 50 | 308740 50 |
| Slotted reducing adapterwith cooling Clamping range $\varnothing D1$ 8 mm | 302135 8 |

| | |
|---|-----------|
| Pull studForm B suitable for steep tapers 50 | 308640 50 |
| Pull studsealed, form B suitable for steep tapers 50 | 308650 50 |
| Pull stud 60°sealed suitable for steep tapers 50 | 308785 50 |
| Slotted reducing adapterwith cooling Clamping range Ø D1 3 mm | 302135 3 |
| Pull studsealed, form B suitable for steep tapers 50 | 308620 50 |
| Pull stud 90°sealed suitable for steep tapers 50 | 308790 50 |
| Pull studsealed suitable for steep tapers 50 | 308660 50 |
| Pull studForm A suitable for steep tapers 50 | 308600 50 |
| Slotted reducing adaptersealed Clamping range Ø D1 5 mm | 302140 5 |
| Pull stud, 18CrNiMo7sealed, form B suitable for steep tapers 50 | 308615 50 |
| Pull stud 45°sealed suitable for steep tapers 50 | 308765 50 |
| Slotted reducing adaptersealed Clamping range Ø D1 3 mm | 302140 3 |
| Pull studsealed, form A suitable for steep tapers 50 | 308610 50 |
| Slotted reducing adaptersealed Clamping range Ø D1 4 mm | 302140 4 |
| Slotted reducing adapterwith cooling Clamping range Ø D1 5 mm | 302135 5 |
| Pull stud 45°sealed suitable for steep tapers 50 | 308760 50 |
| Wrench for pull studsISO 7388 suitable for ISO taper size 50 | 308830 50 |
| Pull stud 90°sealed suitable for steep tapers 50 | 308795 50 |