

Garant

Shrink-fit chuck with cooling channel bores, SK 50 A = 160, Clamping range \varnothing D1: 20mm



Order data

Order number	302313 20
GTIN	4062406544737
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.**

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

Coolant hole bores at clamping \varnothing 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.

Technical description

Cooling channel bore	lockable
Clamping \varnothing D ₁	20 mm
Overhang dimension A	160 mm
External \varnothing D	41 mm

Ø D ₂	33 mm
Adapter	SK 50 A = 160
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	308650 50
Basic tool mountingfor SK for SK taper shank 50	354225 50
Pull stud, 18CrNiMo7sealed, form B suitable for steep tapers 50	308615 50
Cooling unit Type CU1	354215 CU1
Screening plate for coilSU1 for clamping Ø 12-20 mm	354240 12-20
Wrench for pull studsISO 7388 suitable for ISO taper size 50	308830 50
Pull stud 60°sealed suitable for steep tapers 50	308785 50
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 32/20 mm	302416 32/20
Cooling adapter short4.5° for clamping Ø 16,1-22 mm	354235 16,1-22
Pull studsealed, form A suitable for steep tapers 50	308610 50
Pull studForm B suitable for steep tapers 50	308640 50
Pull studsealed, form B suitable for steep tapers 50	308620 50
Wrench for pull studsDIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50	308820 50
Pull stud, 18CrNiMo7Form A suitable for steep tapers 50	308605 50
Pull studsealed suitable for steep tapers 50	308660 50

Pull stud 45°sealed suitable for steep tapers 50	308760 50
Special pull stud with no internal threadsealed suitable for steep tapers 50	308720 50
Shrink-fit chuck extension 4.5°without length adjustment screw Ø d / Ø D1 32/20 mm	302410 32/20
Special pull stud with internal thread suitable for steep tapers 50	308740 50
Shrink-fit chuck extension 4.5°with length adjustment screw Ø d / Ø D1 32/20 mm	302412 32/20
Pull stud 90°sealed suitable for steep tapers 50	308790 50
Pull studForm A suitable for steep tapers 50	308600 50
Pull stud 45°sealed suitable for steep tapers 50	308765 50
Cooling adapter long4.5° for clamping Ø 16,1-22 mm	354236 16,1-22
Screening plate for coilSU1 for clamping Ø 20-32 mm	354240 20-32
Pull stud 90°sealed suitable for steep tapers 50	308795 50