



Hydraulic chuck short, slim, Form ADB, SK 50, Clamping range \varnothing D1: 20mm



Order data

Order number	302052 20
GTIN	2050001653239
Item class	33W

Description

Version:

- Radial run-out $\leq 3 \mu\text{m}$.
- With RFID / Balluffchip bore.
- Axial length adjustment possible, 10 mm adjustment track.
- Flexible due to use of reducing sleeves.
- Coolant pressure up to 80 bar.

Application:

For drilling, reaming and finish milling.

Supplied with:

Hexagon socket drive with T-handle.

Optional extras:

Pull studs (PS) No. 308600 – 308806, PS wrenches No. 308810 – 308830, size 12; 20; 32: Reducing adapter No. 302135 – 302187.

Back stop screws for direct clamping / use of reducing sleeves on request.

Technical description

\varnothing D ₂	42 mm
L ₂	42 mm
Reach L ₁	61.5 mm
Overhang dimension A	80.5 mm
Thread M	M16×1

suitable reducing adapter	302160; 302165; 302155; 302150
Weight	3.3 kg
Clamping $\varnothing D_1$	20 mm
External $\varnothing D$	49.5 mm
Adjustment travel V	10 mm
Adapter	SK 50
Arbor standard	ISO 7388-1
Shape	ADB
Through-coolant	yes, with max. 80 bar
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	$\leq 3 \mu\text{m}$
Machining strategy	HSC
Type of product	Hydraulic clamping chuck

Accessories

Pull stud, 18CrNiMo7Form A suitable for steep tapers 50	308605 50
Slotted reducing adaptersealed Clamping range $\varnothing D1$ 12 mm	302160 12
Slotted reducing adaptersealed Clamping range $\varnothing D1$ 14 mm	302160 14
Pull stud 90°sealed suitable for steep tapers 50	308795 50
Pull studsealed, form A suitable for steep tapers 50	308610 50
Slotted reducing adapterwith cooling Clamping range $\varnothing D1$ 14 mm	302155 14
Slotted reducing adapterwith cooling Clamping range $\varnothing D1$ 4 mm	302155 4
Pull studsealed, form B suitable for steep tapers 50	308650 50
Pull studsealed, form B suitable for steep tapers 50	308620 50
	302160 4

Slotted reducing adaptersealed Clamping range Ø D1 4 mm	
Slotted reducing adaptersealed Clamping range Ø D1 10 mm	302160 10
Slotted reducing adaptersealed Clamping range Ø D1 16 mm	302160 16
Wrench for pull studsISO 7388 suitable for ISO taper size 50	308830 50
Slotted reducing adaptersealed Clamping range Ø D1 6 mm	302160 6
Slotted reducing adaptersealed Clamping range Ø D1 5 mm	302160 5
Slotted reducing adapterwith cooling Clamping range Ø D1 6 mm	302155 6
Pull stud, 18CrNiMo7sealed, form B suitable for steep tapers 50	308615 50
Pull stud 90°sealed suitable for steep tapers 50	308790 50
Pull studForm A suitable for steep tapers 50	308600 50
Slotted reducing adaptersealed Clamping range Ø D1 8 mm	302160 8
Slotted reducing adapterwith cooling Clamping range Ø D1 5 mm	302155 5
Slotted reducing adaptersealed Clamping range Ø D1 3 mm	302160 3
Pull stud 45°sealed suitable for steep tapers 50	308765 50
Special pull stud with internal thread suitable for steep tapers 50	308740 50
Pull stud 45°sealed suitable for steep tapers 50	308760 50
Slotted reducing adapterwith cooling Clamping range Ø D1 3 mm	302155 3
Slotted reducing adapterwith cooling Clamping range Ø D1 16 mm	302155 16
Wrench for pull studsDIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50	308820 50
	302155 10

Slotted reducing adapterwith cooling Clamping range Ø
D1 10 mm

Slotted reducing adapterwith cooling Clamping range Ø
D1 12 mm

302155 12

Pull studsealed suitable for steep tapers 50

308660 50

Pull stud 60°sealed suitable for steep tapers 50

308785 50

Pull studForm B suitable for steep tapers 50

308640 50

Special pull stud with no internal threadsealed suitable for
steep tapers 50

308720 50

Slotted reducing adapterwith cooling Clamping range Ø
D1 8 mm

302155 8