



Heavy-duty chuck, BT 50, Ø D1: 20 mm



Order data

Order number	302870 20
GTIN	4045197554611
Item class	32A

Description

Version:

- **Low friction due to needle bearings.**
- **Protected with anti-corrosion coating.**
- **Dust-tight and watertight.**
- **Very high clamping force prolongs tool life and improves surface quality.**
- **Flexible clamping range by means of collets.**
- **Clamping force up to 1000 Nm.**

Callout:

Internal axial recesses effectively prevent the tool slipping.

High radial stiffness due to repeatable clamping accuracy against a flat face, which prevents misalignment and ensures a high accuracy of machining, coupled with long tool life.

T-slots take up the oil and grease, so that reliable torque transmission is achieved.

Absolutely smooth running of the clamping nut.

Application:

For clamping tools with plain shanks.

Supplied with:

Clamping nut

Optional extras:

C wrench No. 628400.

Pull studs No. 308760 – 308795.

Collets No. 309566 – 309570.

Machining strategy: HPC

Overhang dimension A: 90 mm

Collet outer Ø D: 52 mm

Suitable C-hook (pin) spanner No. 628400: 52 / 55

Technical description

Suitable C-hook (pin) spanner No. 628400	52 / 55
Clamping $\varnothing D_1$	20 mm
Overhang dimension A	90 mm
Collet outer $\varnothing D$	52 mm
Adapter	BT 50
Arbor standard	ISO 7388-2
Arbor standard	JIS B6339
Shape	AD
Balance quality G at rotational speed	G 6.3 at 15,000 rpm
Concentricity	$\leq 5 \mu\text{m}$
Machining strategy	HPC
Type of product	Heavy-duty chuck

Accessories

Collet for heavy-duty chuck Nominal clamping $\varnothing d$ 12 mm	309566 12
Pull-stud 60° sealed suitable for steep tapers 50	308780 50
Collet for heavy-duty chuck Nominal clamping $\varnothing d$ 16 mm	309566 16
Collet for heavy-duty chuck Nominal clamping $\varnothing d$ 10 mm	309566 10
Pull stud 45° sealed suitable for steep tapers 50	308765 50
Pull stud 60° sealed suitable for steep tapers 50	308785 50
C-hook (pin) spanner with square pin for external nut \varnothing 52/55 mm	628400 52/55
Pull stud 90° sealed suitable for steep tapers 50	308790 50
Collet for heavy-duty chuck Nominal clamping $\varnothing d$ 6 mm	309566 6
Collet for heavy-duty chuck Nominal clamping $\varnothing d$ 8 mm	309566 8
Pull stud 90° sealed suitable for steep tapers 50	308795 50

Pull stud 45° sealed suitable for steep tapers 50

308760 50