


Heavy-duty chuck, BT 50, Ø D1: 20 mm**Order data**

Order number	302862 20
GTIN	2050001772107
Item class	33K

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 1000 Nm at Ø 20, 4000 Nm at Ø 32.**

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.

Advantage:

- **Long tool life.**
- **Vibration damping properties.**
- **High stability due to strengthened 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. 309575 – 309576.

Overhang dimension A: 90 mm

Collet outer \varnothing D: 52 mm
 Suitable C-hook (pin) spanner No. 628400: 52 / 55

Technical description

Collet outer \varnothing D	52 mm
Clamping \varnothing D ₁	20 mm
Suitable C-hook (pin) spanner No. 628400	52 / 55
Overhang dimension A	90 mm
Adapter	BT 50
Arbor standard	ISO 7388-2
Arbor standard	JIS B6339
Shape	AD
Through-coolant	yes
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 14 mm	309575 14
Collet for heavy-duty chuck Nominal clamping \varnothing d 12 mm	309575 12
Collet for heavy-duty chuck Nominal clamping \varnothing d 16 mm	309575 16
Pull stud 90° sealed suitable for steep tapers 50	308790 50
Collet for heavy-duty chuck Nominal clamping \varnothing d 8 mm	309575 8
Pull stud 60° sealed suitable for steep tapers 50	308785 50
Collet for heavy-duty chuck Nominal clamping \varnothing d 10 mm	309575 10
C-hook (pin) spanner with square pin for external nut \varnothing 52/55 mm	628400 52/55
Pull stud 45° sealed suitable for steep tapers 50	308760 50

Collet for heavy-duty chuck Nominal clamping \varnothing d 6 mm	309575 6
Pull-stud 60° sealed suitable for steep tapers 50	308780 50
Pull stud 90° sealed suitable for steep tapers 50	308795 50
Pull stud 45° sealed suitable for steep tapers 50	308765 50