

Garant
Tapping head MLA IC 50 bar, SK 50, Tapping range: M6-20

Order data

Order number	338105 M6-20
GTIN	4045197422934
Item class	31M

Description
Version:

- **With minimum length adjustment (MLA), by means of a damping element.**
- **Increases tool life of taps by up to 300 %.**
- **Internal coolant supply up to 50 bar.**
- **Secure clamping for ER collets in quick-change tapping collets.**
- **Run-out of shank taper to the tapping collet taper < 3 µm.**

Application:

On **machining centres with synchronised spindles.**

- **For compensating the difference in pitch between tap and synchronised spindle.**
- **For compensating the pitch tolerances of taps.**

Optional extras:

ER collets, see No. 308881-309240 (size ER11 / 16 / 25). ER tapping collets with square drive spigot, see No. 309399 - 309413 (Size ER 11 / 16 / 25).

Quick-change tapping collets and extensions, see No. 338120 – 338142.

See No. 308600 - 308806 for pull studs.

See No. 309880 for coolant feed pipes for HSK.

See No. 309890 for plug-in sockets for HSK.

Note:

Maximum speed 4000 rpm.

Shape: AD

Tapping range: M6 - M20

Length compensation by compression: 0.2 mm

Length compensation by tension: 1 mm

External Ø D: 60 mm

Internal $\varnothing D_1$: 32 mm
Overhang dimension A: 74 mm

Technical description

External $\varnothing D$	60 mm
Length compensation by tension	1 mm
suitable for ER size	25
Length compensation by compression	0.2 mm
Tapping range	M6 - M20
Internal $\varnothing D_1$	32 mm
Overhang dimension A	74 mm
Series	MLA
Adapter	SK 50
Arbor standard	DIN 69871
Arbor standard	ISO 7388-1
Through-coolant	yes, with max. 50 bar
Shape	AD
Type of product	Tapping head

Accessories

ER collet Nominal clamping $\varnothing d$ 8 mm	308941 8
Pull stud sealed suitable for steep tapers 50	308660 50
ER collet Nominal clamping $\varnothing d$ 4 mm	308941 4
ER collet with seal Nominal clamping $\varnothing d$ 3 mm	308946 3
ER collet Nominal clamping $\varnothing d$ 5 mm	308941 5
Pull stud 45° sealed suitable for steep tapers 50	308760 50
ER collet Nominal clamping $\varnothing d$ 11 mm	308941 11
ER collet for machine taps with seal Nominal clamping $\varnothing d$ 14 mm	309409 14

ER collet Nominal clamping Ø d 13 mm	308941 13
ER collet for machine taps with seal Nominal clamping Ø d 16 mm	309411 16
ER collet with seal Nominal clamping Ø d 5 mm	308946 5
ER collet with seal Nominal clamping Ø d 15 mm	308946 15
ER collet for machine taps with seal Nominal clamping Ø d 12 mm	309411 12
Base extension MLA for ER collet size 25 ER	338130 25
Pull stud 90° sealed suitable for steep tapers 50	308790 50
Wrench for pull studs ISO 7388 suitable for ISO taper size 50	308830 50
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50	308820 50
Special pull stud with no internal thread sealed suitable for steep tapers 50	308720 50
ER collet with seal Nominal clamping Ø d 11 mm	308946 11
ER collet with seal Nominal clamping Ø d 8 mm	308946 8
Pull stud sealed, form B suitable for steep tapers 50	308650 50
ER collet for machine taps with seal Nominal clamping Ø d 10 mm	309411 10
ER collet Nominal clamping Ø d 2 mm	308941 2
ER collet with seal Nominal clamping Ø d 14 mm	308946 14
Pull-stud 60° sealed suitable for steep tapers 50	308780 50
ER collet Nominal clamping Ø d 12 mm	308941 12
Pull stud stud sealed, form A suitable for steep tapers 50	308610 50
ER collet with seal Nominal clamping Ø d 6 mm	308946 6
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 50	308615 50
Pull stud Form A suitable for steep tapers 50	308600 50
Special pull stud with internal thread suitable for steep tapers 50	308740 50
	309409 6

ER collet for machine taps with seal Nominal clamping Ø d 6 mm

Pull stud, 18CrNiMo7 Form A suitable for steep tapers 50 308605 50

ER collet for machine taps with seal Nominal clamping Ø d 12 mm 309409 12

ER collet Nominal clamping Ø d 9 mm 308941 9

ER collet for machine taps with seal Nominal clamping Ø d 8 mm 309411 8

ER collet for machine taps with seal Nominal clamping Ø d 8 mm 309409 8

ER collet for machine taps with seal Nominal clamping Ø d 9 mm 309409 9

Special pull stud with no internal thread sealed suitable for steep tapers 50 308700 50

ER collet Nominal clamping Ø d 16 mm 308941 16

ER collet with seal Nominal clamping Ø d 7 mm 308946 7

ER collet with seal Nominal clamping Ø d 13 mm 308946 13

Torque insert for Pull studs to SO 7388 suitable for ISO taper size 50 308812 50

Pull stud sealed, form B suitable for steep tapers 50 308620 50

ER collet with seal Nominal clamping Ø d 9 mm 308946 9

ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm 309411 4,5

ER collet for machine taps with seal Nominal clamping Ø d 7 mm 309411 7

ER collet Nominal clamping Ø d 2,5 mm 308941 2,5

ER collet Nominal clamping Ø d 3 mm 308941 3

ER collet for machine taps with seal Nominal clamping Ø d 9 mm 309411 9

ER collet for machine taps with seal Nominal clamping Ø d 6 mm 309411 6

Pull stud 60° sealed suitable for steep tapers 50 308785 50

ER collet Nominal clamping Ø d 7 mm 308941 7

ER collet with seal Nominal clamping Ø d 16 mm	308946 16
ER collet with seal Nominal clamping Ø d 12 mm	308946 12
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309409 7
ER collet for machine taps with seal Nominal clamping Ø d 10 mm	309409 10
ER collet Nominal clamping Ø d 14 mm	308941 14
ER collet with seal Nominal clamping Ø d 4 mm	308946 4
ER collet for machine taps with seal Nominal clamping Ø d 11 mm	309411 11
Pull stud Form B suitable for steep tapers 50	308640 50
ER collet Nominal clamping Ø d 15 mm	308941 15
ER collet Nominal clamping Ø d 6 mm	308941 6
Pull stud Hurco 90° with bore and fit sealed suitable for steep tapers 40	308805 40
ER collet with seal Nominal clamping Ø d 10 mm	308946 10
ER collet Nominal clamping Ø d 10 mm	308941 10
ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm	309409 4,5
ER collet for machine taps with seal Nominal clamping Ø d 14 mm	309411 14
Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 50	308810 50
Pull stud 90° sealed suitable for steep tapers 50	308795 50
Pull stud 45° sealed suitable for steep tapers 50	308765 50
ER collet for machine taps with seal Nominal clamping Ø d 11 mm	309409 11
ER collet for machine taps with seal Nominal clamping Ø d 16 mm	309409 16