

Garant
Tapping head MLA IC 50 bar, SK 40, Tapping range: M6-20

Order data

Order number	338100 M6-20
GTIN	4045197336149
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 Ø D_i: 32 mm
Overhang dimension A: 90 mm

Technical description

Length compensation by tension	1 mm
Tapping range	M6 - M20
suitable for ER size	25
Overhang dimension A	90 mm
Internal Ø D _i	32 mm
External Ø D	60 mm
Length compensation by compression	0.2 mm
Series	MLA
Adapter	SK 40
Arbor standard	DIN 69871
Arbor standard	ISO 7388-1
Through-coolant	yes, with max. 50 bar
Shape	AD
Type of product	Tapping head

Accessories

Pull stud Hurco 90° with bore and fit sealed suitable for steep tapers 40	308805 40
ER collet with seal Nominal clamping Ø d 11 mm	308946 11
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 40	308605 40
ER collet with seal Nominal clamping Ø d 7 mm	308946 7
ER collet for machine taps with seal Nominal clamping Ø d 9 mm	309409 9
ER collet Nominal clamping Ø d 2,5 mm	308941 2,5
ER collet with seal Nominal clamping Ø d 4 mm	308946 4

Special pull stud with no internal thread sealed suitable for steep tapers 40	308720 40
ER collet with seal Nominal clamping Ø d 8 mm	308946 8
Wrench for pull studs ISO 7388 suitable for ISO taper size 40	308830 40
ER collet Nominal clamping Ø d 7 mm	308941 7
ER collet Nominal clamping Ø d 15 mm	308941 15
ER collet with seal Nominal clamping Ø d 13 mm	308946 13
Pull stud Hurco 45° with fit sealed suitable for steep tapers 40	308802 40
Pull stud stud sealed, form A suitable for steep tapers 40	308610 40
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309411 7
Pull stud 45° sealed suitable for steep tapers 40	308765 40
ER collet with seal Nominal clamping Ø d 5 mm	308946 5
ER collet for machine taps with seal Nominal clamping Ø d 11 mm	309409 11
ER collet Nominal clamping Ø d 6 mm	308941 6
ER collet with seal Nominal clamping Ø d 9 mm	308946 9
Pull stud sealed suitable for steep tapers 40	308635 40
Pull stud 60° sealed suitable for steep tapers 40	308785 40
ER collet Nominal clamping Ø d 8 mm	308941 8
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 40	308820 40
ER collet for machine taps with seal Nominal clamping Ø d 14 mm	309411 14
Hurco 60° pull stud with bore and fit sealed suitable for steep tapers 40	308803 40
ER collet for machine taps with seal Nominal clamping Ø d 14 mm	309409 14
ER collet Nominal clamping Ø d 2 mm	308941 2
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308630 40

ER collet for machine taps with seal Nominal clamping \varnothing d 8 mm	309411 8
Pull stud Hurco 60° with fit sealed suitable for steep tapers 40	308804 40
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 40	308615 40
ER collet Nominal clamping \varnothing d 3 mm	308941 3
Pull stud Mazak sealed, form A suitable for steep tapers 40M	308670 40M
Pull stud Hurco 45° with bore and fit sealed suitable for steep tapers 40	308801 40
ER collet with seal Nominal clamping \varnothing d 12 mm	308946 12
ER collet for machine taps with seal Nominal clamping \varnothing d 6 mm	309409 6
ER collet for machine taps with seal Nominal clamping \varnothing d 16 mm	309411 16
ER collet for machine taps with seal Nominal clamping \varnothing d 4,5 mm	309409 4,5
Pull stud Mori-Seiki, sealed, form A suitable for steep tapers 40	308625 40
Pull stud 45° sealed suitable for steep tapers 40	308760 40
ER collet Nominal clamping \varnothing d 10 mm	308941 10
Pull stud Hurco 90° with fit sealed suitable for steep tapers 40	308806 40
ER collet for machine taps with seal Nominal clamping \varnothing d 11 mm	309411 11
ER collet Nominal clamping \varnothing d 16 mm	308941 16
Special pull stud with internal thread suitable for steep tapers 40	308740 40
Torque insert for Pull studs to SO 7388 suitable for ISO taper size 40	308812 40
ER collet for machine taps with seal Nominal clamping \varnothing d 16 mm	309409 16
	309411 6

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

ER collet with seal Nominal clamping Ø d 16 mm	308946 16
ER collet for machine taps with seal Nominal clamping Ø d 10 mm	309409 10
ER collet with seal Nominal clamping Ø d 6 mm	308946 6
Pull stud 90° sealed suitable for steep tapers 40	308795 40
Pull-stud 60° sealed suitable for steep tapers 40	308780 40
Pull stud sealed, form B suitable for steep tapers 40	308620 40
Pull stud Form B suitable for steep tapers 40	308640 40
Tapping collet for tapping head MLA for ER collet size 16 ER	338120 16
ER collet Nominal clamping Ø d 12 mm	308941 12
ER collet with seal Nominal clamping Ø d 15 mm	308946 15
ER collet with seal Nominal clamping Ø d 14 mm	308946 14
ER collet for machine taps with seal Nominal clamping Ø d 4,5 mm	309411 4,5
Special pull stud with no internal thread sealed suitable for steep tapers 40	308700 40
ER collet for machine taps with seal Nominal clamping Ø d 9 mm	309411 9
ER collet Nominal clamping Ø d 14 mm	308941 14
ER collet Nominal clamping Ø d 5 mm	308941 5
ER collet for machine taps with seal Nominal clamping Ø d 10 mm	309411 10
ER collet for machine taps with seal Nominal clamping Ø d 12 mm	309409 12
ER collet Nominal clamping Ø d 13 mm	308941 13
Pull stud 90° sealed suitable for steep tapers 40	308790 40
ER collet for machine taps with seal Nominal clamping Ø d 8 mm	309409 8
Pull stud sealed suitable for steep tapers 40	308660 40

ER collet with seal Nominal clamping Ø d 10 mm	308946 10
ER collet Nominal clamping Ø d 11 mm	308941 11
Pull stud sealed, form B suitable for steep tapers 40	308650 40
ER collet for machine taps with seal Nominal clamping Ø d 12 mm	309411 12
ER collet Nominal clamping Ø d 9 mm	308941 9
Pull stud Form A suitable for steep tapers 40	308600 40
ER collet for machine taps with seal Nominal clamping Ø d 7 mm	309409 7
ER collet Nominal clamping Ø d 4 mm	308941 4
Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 40	308810 40
ER collet with seal Nominal clamping Ø d 3 mm	308946 3
Base extension MLA for ER collet size 25 ER	338130 25