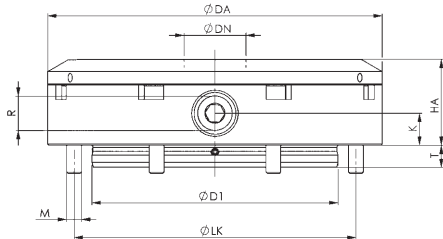
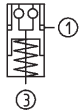


## No. 6151HA

### Installation clamping module, flange version

Hydraulic opening.  
Pneumatic blow-out.  
Opening operating pressure: min. 50 bar - max. 60 bar.  
Cover and piston hardened.  
Repeatability < 0.005 mm.



Order no.	Size	Pull-in/locking force up to [kN]	Holding force* [kN]	Blow out	Weight [Kg]
424085	K10	10	25	●	1,35
423962	K20	20	55	●	3,75
424143	K40	40	105	●	4,97

#### Application:

Zero-point clamping system for set-up-time-optimised clamping during cutting and non-cutting machining.

#### Note:

The flange version permits a simplified installation in the body. This is exactly positioned via the centring function. The clamping module can be operated from the outside via a tube connection or from the bottom via an O-ring connection.

This is opened hydraulically (1) and mechanically locked through spring force. Subsequent uncoupling of the pressure lines is possible at all times (module is tensioned pressure-free).

The clamping module with blow-out and support control has two connections:

1x hydr. opening (1) / 1x pneum. blow-out and support control (3). (The pneumatic blow-out and support control can optionally be connected.)

\* Please observe the installation instructions.

CAD



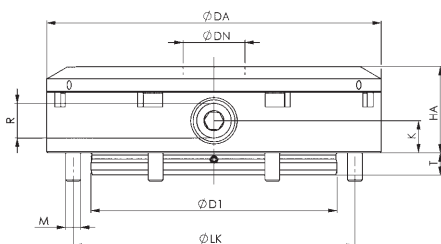
#### Dimensions:

Order no.	Size	dia. DA	dia. DN	dia. D1	HA	K	dia. LK	M	R	T
424085	K10	100	22	67	24	9	90	M5	G1/8	5,9
423962	K20	136	32	100	35	13	124	M6	G1/8	8,9
424143	K40	180	40	125	45	15	163	M8	G1/4	11,9

## No. 6151L

### Installation clamping module, flange version

Pneumatic opening.  
Opening operating pressure: min. 8 bar - max. 12 bar.  
Retensioning operating pressure (turbo): min. 5 bar - max. 6 bar.  
Cover and piston hardened.  
Repeatability < 0.005 mm.



Order no.	Size	Pull-in/locking force up to [kN]	Holding force* [kN]	Weight [Kg]
424101	K10	8	25	1,35
423988	K20	17	55	3,75
424168	K40	30	105	4,97

#### Application:

Zero-point clamping system for set-up-time-optimised clamping during cutting and non-cutting machining.

#### Note:

The flange version permits a simplified installation in the body. This is exactly positioned via the centring function. This is opened pneumatically (1) and mechanically locked through spring force.

To achieve the specified pull-in and locking forces, this must be briefly retensioned pneumatically (turbo) (2). Subsequent uncoupling of the pressure lines is possible at all times (module is tensioned pressure-free).

Use of the pneumatic pressure booster 6370ZVL is recommended.

The clamping module has two connections:

1x pneum. opening (1) / 1x pneum. retensioning (turbo) (2).

\* Please observe the installation instructions.

CAD



#### Dimensions:

Order no.	Size	dia. DA	dia. DN	dia. D1	HA	K	dia. LK	M	R	T
424101	K10	100	22	67	24	9	90	M5	G1/8	5,9
423988	K20	136	32	100	35	13	124	M6	G1/8	8,9
424168	K40	180	40	125	45	15	163	M8	G1/4	11,9

Subject to technical alterations.