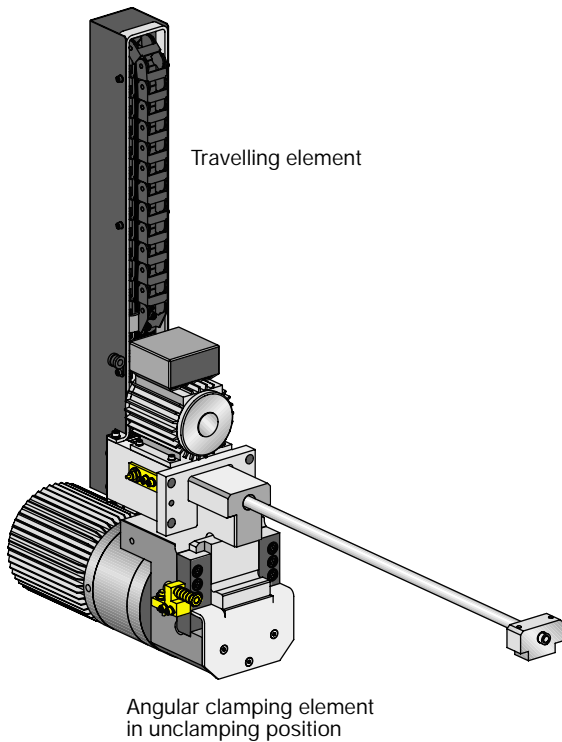




## Angular clamp, electromechanical with lead screw



### Applications:

Automatic clamping of dies

- ▶ on press rams
- ▶ on hold-down devices
- ▶ at max. ambient temperatures of 70°C

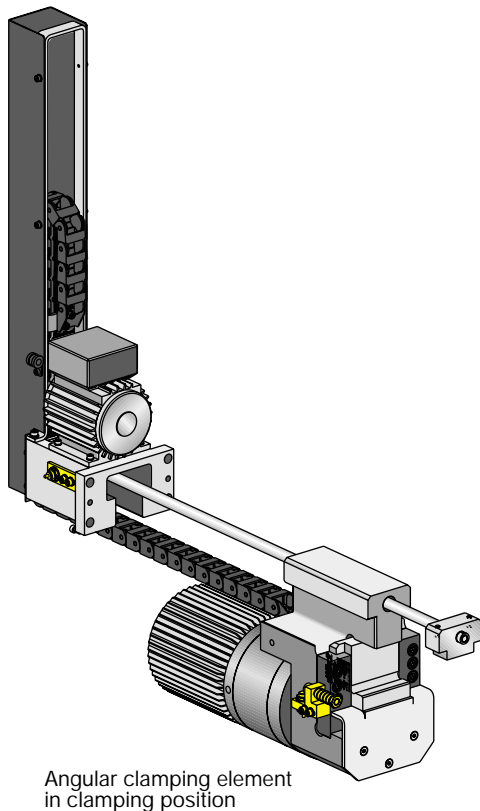
### Function:

The angular clamping element driven by an electric motor is automatically moved to the clamping edge of the die by an electrically driven lead screw. The clamping element is guided in the T-slot of the press.

Power transmission from the clamping element to the clamping edge of the die is ensured by the rotation of the motor, by a flexspine gear and a wedge system.

Advance movement: → Driven by an electric motor, the angular clamping element is moved to the clamping point.

Clamping movement: ↑ The clamping force is transmitted to the clamping point in the axial direction of the angular lever



The clamping force and the clamping and unclamping positions are monitored by inductive proximity switches. The clamping force is maintained by mechanical self-locking, even in the event of power failure.

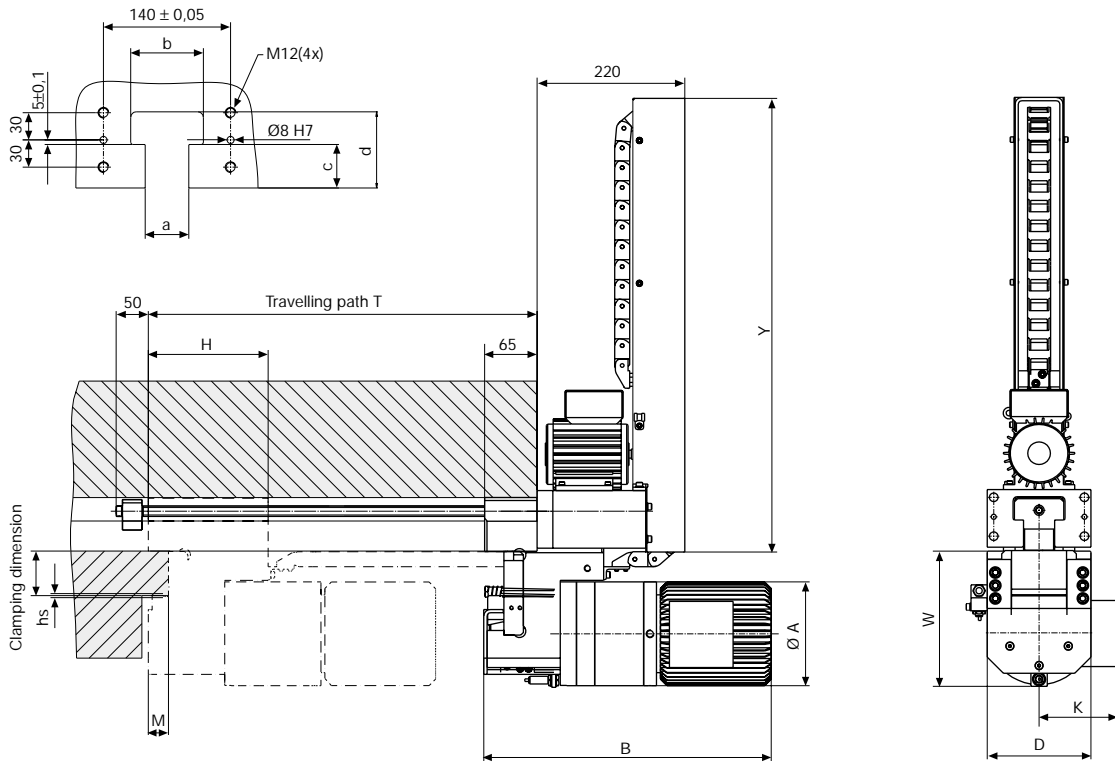
### Special features:

- ▶ Clamping stroke 6 mm, which means high adaptability to varying heights of clamping edges
- ▶ Clamping in any position of the travelling path
- ▶ Position monitoring and an automatic cycle ensure high operational reliability
- ▶ Central operation of all clamping elements
- ▶ Mechanical self-locking provides additional safety
- ▶ Resistant to high mechanical loads
- ▶ Shock-resistant up to a max. ram acceleration of 12 g
- ▶ Suitable for retrofit and for installation in original equipment

# Angular clamp, electromechanical with lead screw



## Geometry of the T-slot



Other T-slots, clamping dimensions, clamping forces and motor voltages are available on request

## Dimensions in mm

Type	Geometry of the T-slot				Dimensions in mm				Total stroke	Clamping stroke	Dimensions in mm				
	a	b	c	d	A	B	D	H			hs	K	M	T	W
8.2615.0101	48	80	48	84	160	409	160	185	6	2	123	31	1000	208	870
8.2616.0101	48	80	48	84	160	409	160	185	6	2	123	31	1000	208	870

Clamping dimension to be quoted in the order

## Technical data

Type	Clamping force	Max. static force	Travelling speed	Clamping speed	Connected motor voltage
8.2615.0101	120 kN	300 kN	64,0 mm/s	1,0 mm/s	400V/ 50Hz
8.2616.0101	160 kN	300 kN	64,0 mm/s	1,0 mm/s	400V/ 50Hz

## Terminal connections

