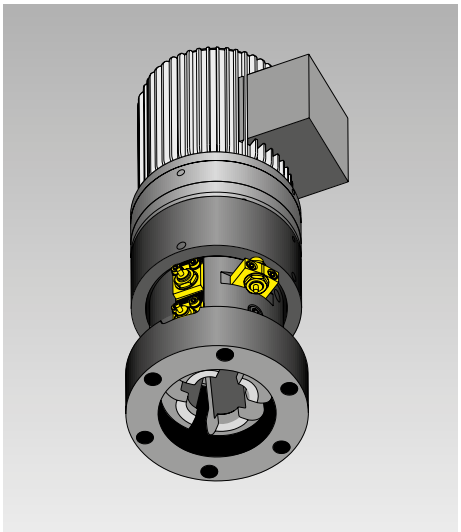
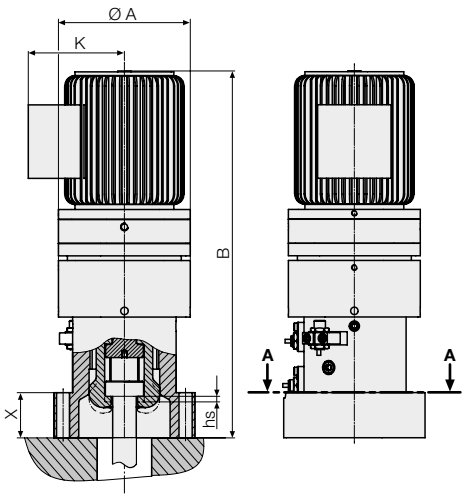
WZ 5.2620

Tenon-Type Clamps
electro-mechanical, self-locking, with position monitoring clamping forces 70, 120 and 160 kN



Advantages

- High operational safety by position monitoring and automatic motion sequence
- Central operation of all clamping elements
- Compact and sturdy design
- 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
- No colliding edges when inserting the dies



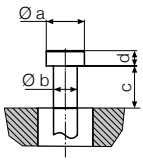
Application

Automatic clamping of dies
- on the press ram
- on blank holders
- at environmental temperatures up to max. 70 °C

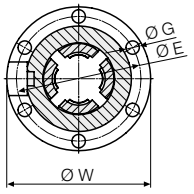
Description

The rotation of the motor is converted into a grip and pull movement of the clamping claws by the flexspline gear and the lead screw.
For clamping, the claws grip the tenon of the clamping point and pull it towards the clamping element.
The clamping force and the clamping and unclamping positions are monitored by inductive proximity switches.
The clamping force is maintained by self-locking.

Geometry of the tenon

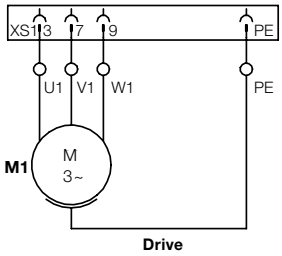


Section A-A



Terminal connections

HAN 3 HvE



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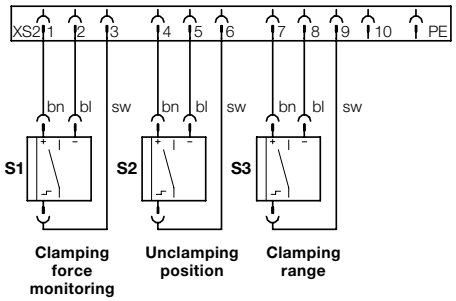

Technical data

Clamping force	[kN]	70	120	160
Max. static force	[kN]	110	200	300
Clamping speed	[mm/s]	3.8	5.7	4.1
Motor voltage	[V/Hz]	400/50	400/50	400/50
Motor rating	[kW]	0.55	1.1	1.1
Nominal current motor	[A]	2.1	3.55	3.55
a	[mm]	40	50	60
b	[mm]	25	32	40
c	[mm]	44	48	48
d	[mm]	16	20	25
A	[mm]	140	160	195
B	[mm]	390	470	516
E	[mm]	130	150	170
G	[mm]	14	14	14
Clamping stroke hs	[mm]	5	5	5
K	[mm]	102.0	112.5	112.5
W	[mm]	150	172	200
X	[mm]	48	55	65
Part no.		**826230101**	**826250101**	**826260101**

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