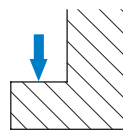
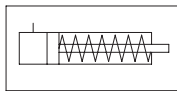


Application area

- For small and medium presses
- For various die sizes and clamping dimensions
- For clamping upper and lower dies
- For dies with straight clamping edges
- Especially recommendable for retrofitting

Mode of operation



- A single-acting hydraulic cylinder transfers the required clamping force to the die.
- The T-slot clamp is moved either manually or with one of the automatic positioning units EVK or EVS (see chapter on flexible clamp units) into the machine's T-slot.

Description

The hydraulically driven clamp cylinder of the clamp unit generates the required clamping force directly. In order to secure the clamping force, hydraulic pressure must be maintained (e.g. with pilot-controlled check valves).

Pressure sensing by the pressure switch on the hydraulic power pack is required.

The clamp unit can be operated centrally via the machine control system or by means of a separate hydraulic power pack with integrated control.

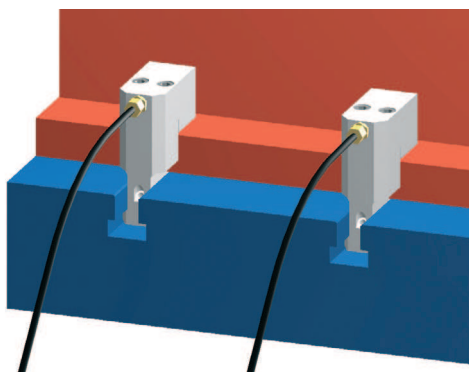


Advantages

- Large clamping dimension tolerance
- Easy installation
- Central operation
- Continuous clamping force monitoring by pressure sensing
- Maintenance free
- Corrosion protected
- Simple operation
- Especially designed for retrofitting

Accessories

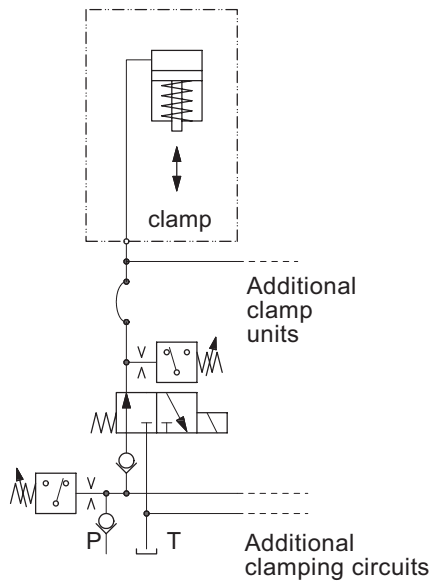
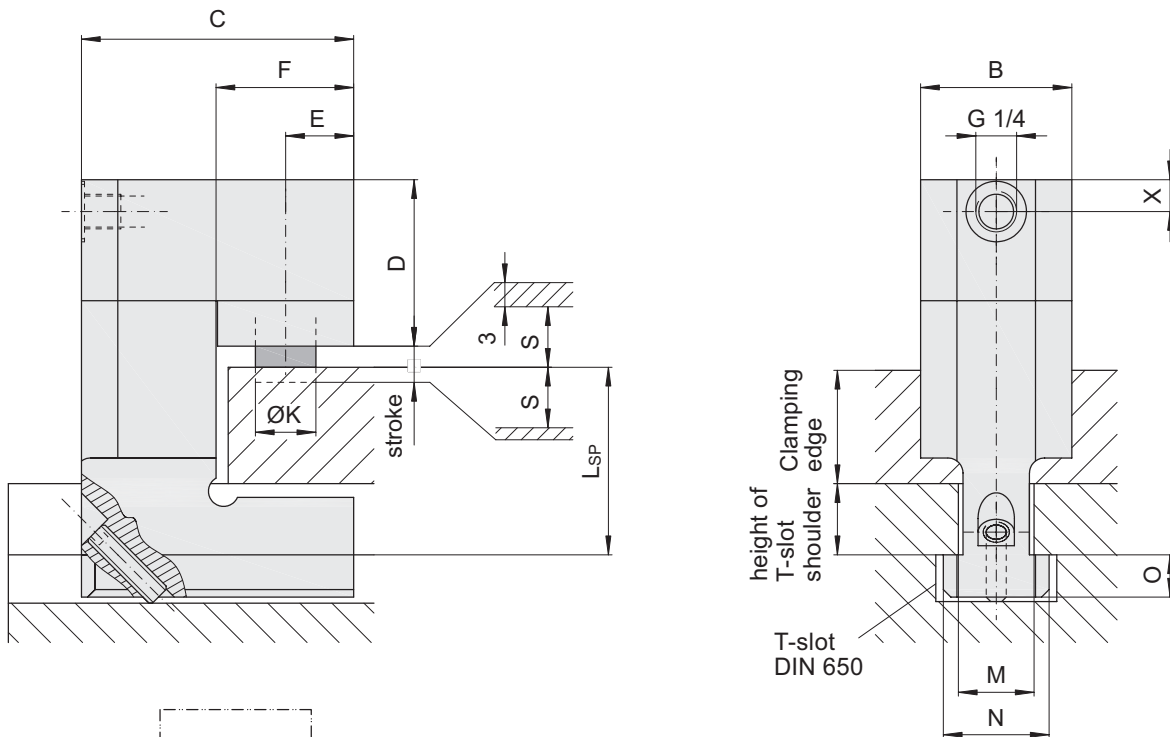
- Check valves
- Park stations
- Hydraulic connections
- Hydraulic hoses / Hydraulic accessories
- Hydraulic power packs



Technical data

Type	HEE 25	HEE 40	HEE 63	HEE 85
Clamping force [kN] / at operating pressure [bar]	25 / 400	40 / 400	63 / 400	85 / 400
Max. loading force [kN] ¹⁾	30	50	80	100
Max. operating pressure [bar]	400			
Clamping dimension tolerance [mm]	+/- 2.5	+/- 3	+/- 4	+/- 4
Stroke [mm]	9	10	12	12
Oil volumes: Clamp [cm ³]	6.5	10	19	25.5
Max. operating temperature [°C]	135			
Weight [kg]	1.5	2.9	4.5	7.0

¹⁾ Mechanical damage may occur at higher loads.



Example order

HEE 40 - 22 - 72

Type _____

T-slot according to DIN 650 _____

LSP _____

(Custom designs available on request)

S = Clamping dimension tolerance [mm]

L_{SP} = Nominal clamping dimension [mm]

Type	T-slot M	stroke	S	B	C	D	E	F	Ø K	N	O	X	L _{sp}	
													min	max
HEE 25	18	9	2.5	40	75	48	20	40.5	16	28	10	11	38	64
HEE 40	22	10	3	55	90	55	22.5	45.5	20	35	14	11	52	89
HEE 63	28	12	4	60	110	60	27.5	55.5	20	44	18	11	63	106
HEE 85	28	12	4	70	120	65	30	60.5	20	44	18	11	68	106