

## 2.1 T-SLOT ROCKER CLAMPS SERIES ERC

Single acting and 350 bar

Capacity: 20, 40, 60, 100, 160 and 250 kN  
 Working pressure: 350 bar  
 Single acting spring return  
 Temperature range: 5°C till 200°C with Viton seals  
 Fits in any T-slot according DIN 650  
 Adjustable T-slot mounting for DIN 650 T-slot heights

### DESCRIPTION

These single acting manual positioned rocker clamps are widely used on many QDC applications. Available with clamping forces from 20 kN till 250 kN and with 6 mm effective clamping stroke.

### Features:

- Standard series of clamps for simple ordering and fast availability.
- Now available with unique height adjustable pin to overcome large tolerances of standard T-slots.
- Easy to set to the correct T-slot height.
- Easy to switch to different machines/presses.
- Lower risk of damaging the T-slot.

These clamping cylinders can easily be operated by the air operated hydraulic pumps from EASchangesystems.

On request also available as flange mounted version.

Also available with a 200 mm stroke air cylinder for automatic retraction from the die as well as automatic approach to the die instead of manual operation. Furthermore the cylinders can be equipped with a inductive sensor to switch of the air moving cylinder if the clamp reaches the die. For extra safety a pilot operate check valve can be mounted into the circuit to avoid the loss of clamping force in case of leakage in hose, pipe or valve.

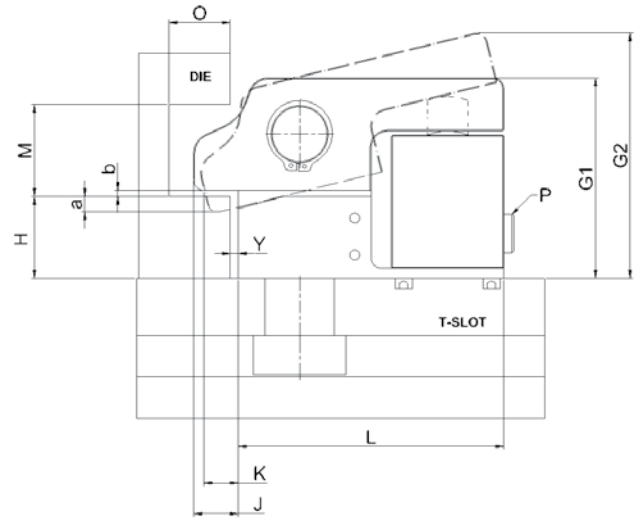
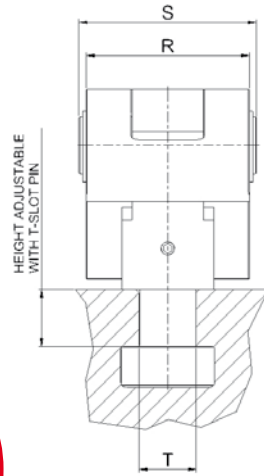
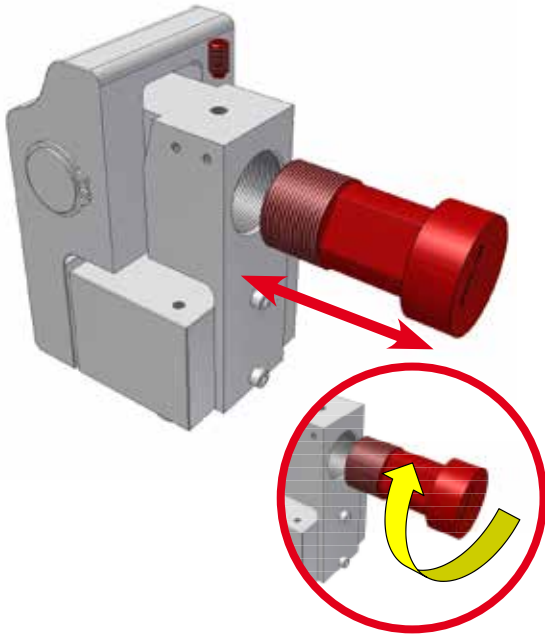


ERC T nut version









Options M for movable, P for inductive sensor and V for check valve





## How to fill in ordering code

**Step 1: clamping force**

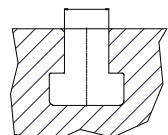
		
20 = 20 kN	40 = 40 kN	60 = 60 kN
		
100 = 100 kN	160 = 160 kN	250 = 250 kN

**Step 2: T-slot size**

	ERC20	ERC40	ERC60
18	18	22	
22	22	28	
	ERC100	ERC160	ERC250
22	28	28	
28	36	36	

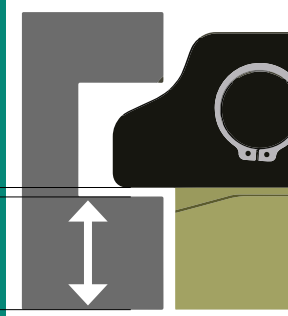
**T-SLOT ACC. TO DIN650**

- 18 H8
- 22 H8
- 28 H8
- 36 H8



**Step 3: clamping height**

	ERC20	ERC40	ERC60
25 (RANGE 20-25 mm)	30 (RANGE 25-30 mm)	40 (RANGE 35-40 mm)	
30 (RANGE 25-30 mm)	35 (RANGE 30-35 mm)	45 (RANGE 40-45 mm)	
35 (RANGE 30-35 mm)	40 (RANGE 35-40 mm)	50 (RANGE 45-50 mm)	
40 (RANGE 35-40 mm)	45 (RANGE 40-45 mm)	55 (RANGE 50-55 mm)	
	50 (RANGE 45-50 mm)	60 (RANGE 55-60 mm)	
	ERC100	ERC160	ERC250
40 (RANGE 35-40 mm)	50 (RANGE 45-50 mm)	60 (RANGE 55-60 mm)	
45 (RANGE 40-45 mm)	55 (RANGE 50-55 mm)	65 (RANGE 60-65 mm)	
50 (RANGE 45-50 mm)	60 (RANGE 55-60 mm)	70 (RANGE 65-70 mm)	
55 (RANGE 50-55 mm)	65 (RANGE 60-65 mm)	75 (RANGE 70-75 mm)	
60 (RANGE 55-60 mm)	70 (RANGE 65-70 mm)	80 (RANGE 75-80 mm)	



- Single acting cylinder
- Available in 20, 40, 60, 100, 160 and 250 kN
- Fits in any T-slot according to DIN 650

- Adjustable T-slot pin to fit your machine
- Max. working pressure 350 bar
- Temperature range 5 °C - 200 °C

### SELECTION CHART

EAS TYPE	Clamping Force [kN]	Operating Pressure [bar]	Cylinder Weight [kg]	Oil Volume [cm <sup>3</sup> ]	Dimensions in [mm]														EAS TYPE	
					(T)	(H)	G1	G2	R	S	J	K	L	M	O	P	a	b		Y
					(T-slot size)	(backplate)														
ERC 20	20	350	2,7	5,7	18 or 22	25 to 40	T+43	T+60	55	62	22	15	95	40	30	G1/4"	6	3	4	ERC 20
ERC 40	40	350	4,5	10,6	18 or 22	30 to 50	T+48	T+66	70	77	22	15	110	40	30	G1/4"	6	3	4	ERC 40
ERC 60	60	350	7,4	17,0	22 or 28	40 to 60	T+58	T+80	80	87	22	15	130	40	30	G1/4"	6	3	4	ERC 60
ERC 100	100	350	12,2	27,1	22 or 28	40 to 60	T+73	T+92	90	97	25	18	160	50	40	G1/4"	6	3	4	ERC 100
ERC 160	160	350	21,5	42,4	28 or 36	50 to 70	T+93	T+110	110	120	25	18	192,5	50	40	G1/4"	6	3	4	ERC 160
ERC 250	250	350	39,7	66,3	28 or 36	60 to 80	T+118	T+136	130	140	30	22	242,5	70	40	G1/4"	6	3	4	ERC 250



**MANDATORY**

**OPTIONAL  
ORDER SEPERATELY**

Fill in 'V' VCV-1



Step 6: optional check valve


Fill in 'P' PSM12NO



Step 5: optional inductive sensor

Fill in 'M' (Available on the 20, 40, 60 & 100 models)

MAC-200



Step 4: optional air movable