

Slide-in clamp Series MES

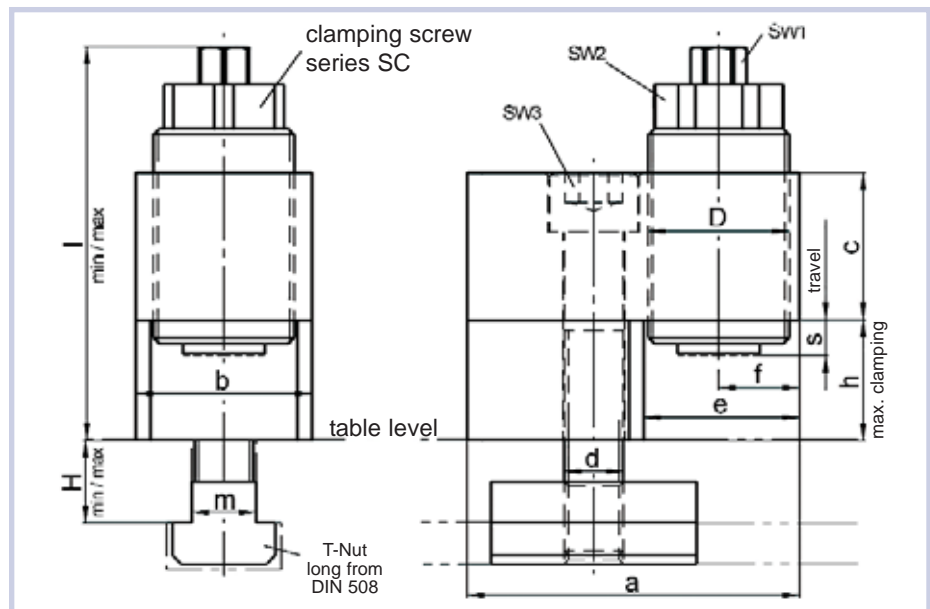
- versatile application - flexible, rotatable head piece
- simple, manuell operation - high clamping forces

The mechanical slide-in clamp of series "MES" is a combination of a T-slot slide-in unit with a mechanical clamping screw of series "SC". This flexible and sturdy clamping element represents a cost-effective alternativ to semi or fully automatic clamping systems, mainly for tool clamping on presses and punches. The MES unit is positioned by sliding it in the T-slot and swivelling of the bracket if necessary. The quick tightening of the socket head cap bolt completes this step. The infeed of the clamping screw until solid contact of all clamping surfaces is the next step. Only the hexagon of the actuation spindle should be turned clockwise to generate the clamping force. The bracket with clamping screw and distance plate can be screwed down without T-slot fixtures directly on supporting tables. The MES can be used as a limit stop too.

Technical data :

MES Size	nominal clamping force [kN]	max. tightening torque "SW1" [Nm]	max. clamping stroke [mm]	max. static load [kN]	max. adjusting path "s" [mm]	weight ca. [kg]	T-Nut "m" DIN 650	H min/max
30	30	35	1,5	60	22	3	18 22	18/24 22/29
60	60	80	2,2	120	25	5	22 28	22/29 28/36
100	100	130	2,5	200	35	8	28 36	28/36 36/46

* Further T-slot dimensions on request.



Dimensions: (mm)

MES Size	a	b	c	d (Q12.9)	thread D	e	f	h+1*	L		SW1	SW2	SW3
									min	max			
30	90	50	40	M 16	M 36 x 3	40	21	30	100	120	13	30	14
								50	120	142			
								70	140	162			
60	113	60	50	M 20	M 48 x 3	53	28	40	125	150	17	41	17
								60	145	170			
								80	165	190			
100	150	80	60	M 24	M 64 x 4	70	37	50	145	180	19	55	19
								60	175	210			
								80	210	240			

* Standard range for clamping height "h" ; special clamping heights on request

Ordering example: MES 60 - 40 - 22

- Series _____
- Size (nominal force 60 kN) _____
- clamping height h (clamping range approx. 15-40mm) _____
- T-slot size according to DIN 650 (dimension "m" = 22mm) _____

