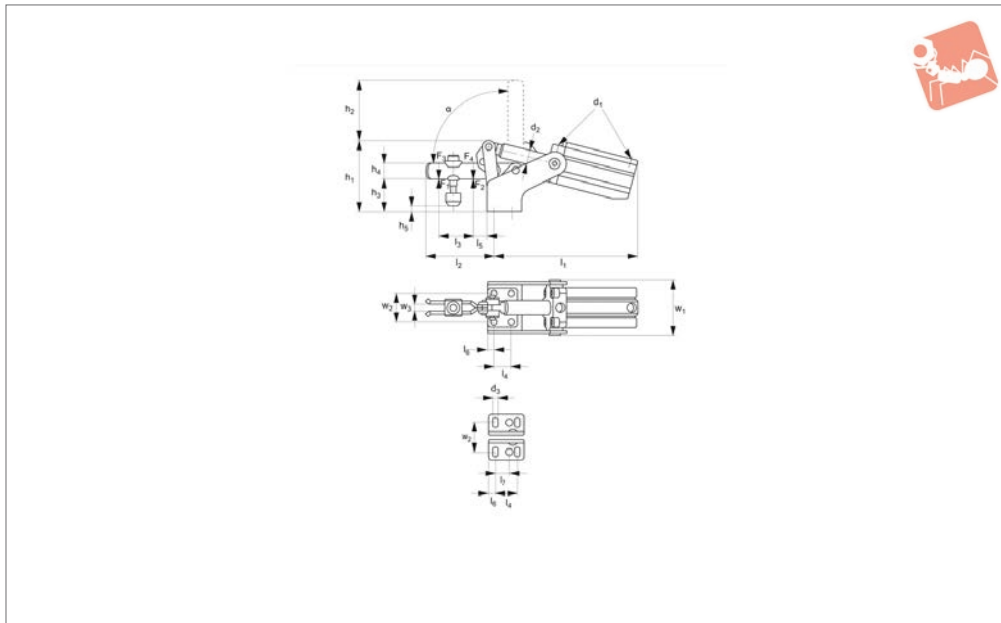




Pneumatic Toggle Clamp with horizontal cylinder attachment

Pneumatic Toggle Clamps



47010

PNEUMATIC TOGGLE CLAMPS

Material

Body: steel, zinc plated and galvanised.
Bushes: case hardened and greased.
Rivets: stainless steel.
Complete with tempered, galvanized clamping screw.

Technical Notes

Bearings are pre-lubricated.
Clamp ready for installation and consists of:

- vertical toggle clamp no. 40000 (without handle)
- FESTO-pneumatic cylinder, double acting.

F_3 and F_4 = max. clamping force at 6 bar.
piston \emptyset^* = required piston dia. to achieve force F_5 at 6 bar.

V_n = air consumption per double stroke in dm^3 at 6 bar.

Suitable proximity switches for end-

position monitoring are available using order 45001. 0.3m PUR cable with M8 connector and rotatable knurled nuts.
Switching function: NOC.
Output: PNP.

Tips

The console is self-supporting and must be clear of other surfaces. There is a valve for controlling the speed of operation.

Order No.	Size	F_1 kN	F_2 kN	F_3 kN	F_4 kN	Clamping screw	Piston dia.	d_1	d_2	d_3	h_1	h_2	Weight g
47010.W0001	1	0.8	1.1	0.2	0.3	M 5x30	16	M 5	8	4.5	51.0	34.0	320
47010.W0002	2	1.0	1.2	0.7	1.0	M 6x35	25	M 5	12	5.5	62.0	42.5	600
47010.W0003	3	1.0	2.5	0.7	1.1	M 8x45	32	G1/8	16	7.5	82.0	69.0	1005
47010.W0004	4	2.0	3.0	1.5	2.2	M 8x65	40	G1/8	16	8.6	99.5	92.0	1520

Order No.	h_3	h_4	h_5 min.	h_5 max.	l_1	l_2	l_3	l_4	l_5	l_6	l_7	Opening angle α	V_n dm^3	w_1	w_2	w_3
47010.W0001	21.0	10	-2.0	4.5	126.0	39.0	18	16	6	6.0	-	92,0°	0.1	50.0	24	5
47010.W0002	26.0	12	-1.0	7.0	145.0	51.5	25	20	11	6.0	12.5	91,5°	0.3	54.5	27	6
47010.W0003	36.5	18	5.4	14.0	165.5	78.0	36	20	19	7.5	-	90,0°	0.4	62.5	32	8
47010.W0004	45.0	20	-3.0	25.5	196.0	101.0	45	32	25	13.0	-	90,5°	0.8	77.5	45	10