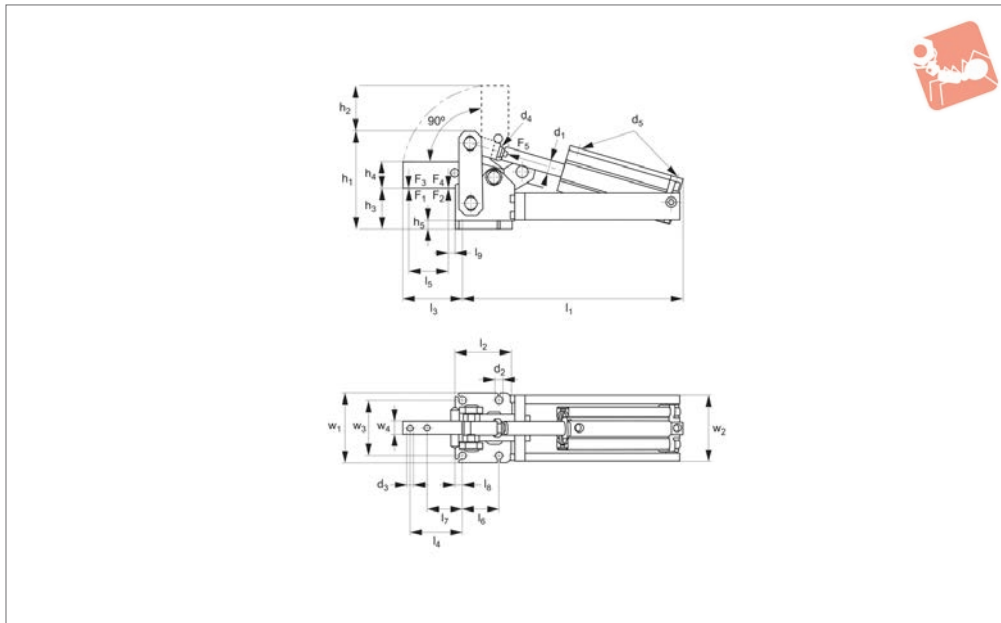




Heavy Duty Pneumatic Toggle Clamps with horizontal cylinder

Pneumatic Toggle Clamps



47500

PNEUMATIC TOGGLE CLAMPS

Material

Body: tempered steel, burnished.
Axle bolts: tempered and ground, locked with circlips.
Bushes: case hardened and greased.

Technical Notes

Clamp ready for installation and consists of:
- heavy duty vertical toggle clamp no. 46100
Pneumatic cylinder, double acting.

F_3 and F_4 = max. clamping force 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

Ideal for installation in material handling lines and special purpose machines.
Opening and closing of clamp can be

controlled electronically, allowing integration into automated processes.
See also no. 46100 <X\46100#25> - clamp only.
Holes are provided in the arm to allow fixing of clamping elements by screwing or welding. Also available in a hydraulic version.

Important Notes

Magnetic piston for end-position sensing.

Order No.	Size	F_1 kN	F_2 kN	F_3 kN	F_4 kN	F_5 kN	h_1	h_2	h_3	h_4	h_5	l_1	l_2	l_3	l_4	l_5	Weight g
47500.W0004	4	6	9	1.5	2.2	0.8	122	75	57	30	12	284	77	82	74	54	4800
47500.W0006	6	12	18	2.5	3.5	1.0	147	68	61	40	12	333	85	90	79	60	6965
47500.W0008	8	20	30	4.0	6.0	1.8	196	110	86	60	12	404	113	128	110	95	12785

Order No.	l_6	l_7	l_8	l_9	w_1	w_2	w_3	d_1	d_2	d_3	d_4	d_5	Piston dia.	V_n dm^3
47500.W0004	52	47	10	10	90	82	70	16	11	6.2	M12x1,25	G1/8	40	1.0
47500.W0006	55	53	11	10	105	100	83	20	11	8.2	M16x1,50	G1/4	50	1.8
47500.W0008	80	70	13	10	135	123	111	20	13	13.0	M16x1,50	G1/4	63	4.3