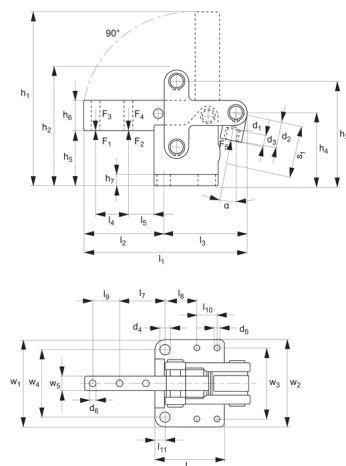


Heavy Duty Toggle Clamps for vertical cylinder connection

Heavy Duty Toggle Clamps



46200

HEAVY DUTY TOGGLE CLAMPS

Material

Body: tempered steel, burnished.
Axle Bolts: tempered and ground, locked with circlips.

Bushes: case hardened and greased.

Technical Notes

The clamping forces F_3 and F_4 can be

achieved by using a cylinder with piston force F_5 . This clamp can be equipped with a normal hydraulic or pneumatic cylinder. The rod joint is exchangeable.

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	h_6	h_7	l_1	l_{10}	l_{11}	l_2	l_3	Weight g
46200.W0004	4	6	9	1.5	2.2	0.75	206	130	117	82	65	30	12	172	18	10	82	76	2400
46200.W0006	6	12	18	2.5	3.5	1.00	226	155	137	92	69	40	15	200	24	12	91	88	4300
46200.W0008	8	20	30	4.0	6.0	1.80	318	204	184	124	94	60	20	265	40	15	125	120	11000

Order No.	l_4	l_5	l_6	l_7	l_8	l_9	Stroke s_1	w_1	w_2	w_3	w_4	w_5	d_1	d_2	d_3	d_4	d_5	d_6	α
46200.W0004	54	20.0	67.0	47	33.0	27	74	90	90	75.5	70	15	M12x1,25	29.5	14	11	6.5	6.2	9,0°
46200.W0006	60	22.0	73.5	54	29.5	26	87	107	100	87.5	83	20	M16x1,50	37.0	18	13	6.5	8.2	7,5°
46200.W0008	95	24.5	109.0	67	44.0	40	120	145	123	120.5	115	30	M16x1,50	32.0	17	13	6.5	13.2	6,5°