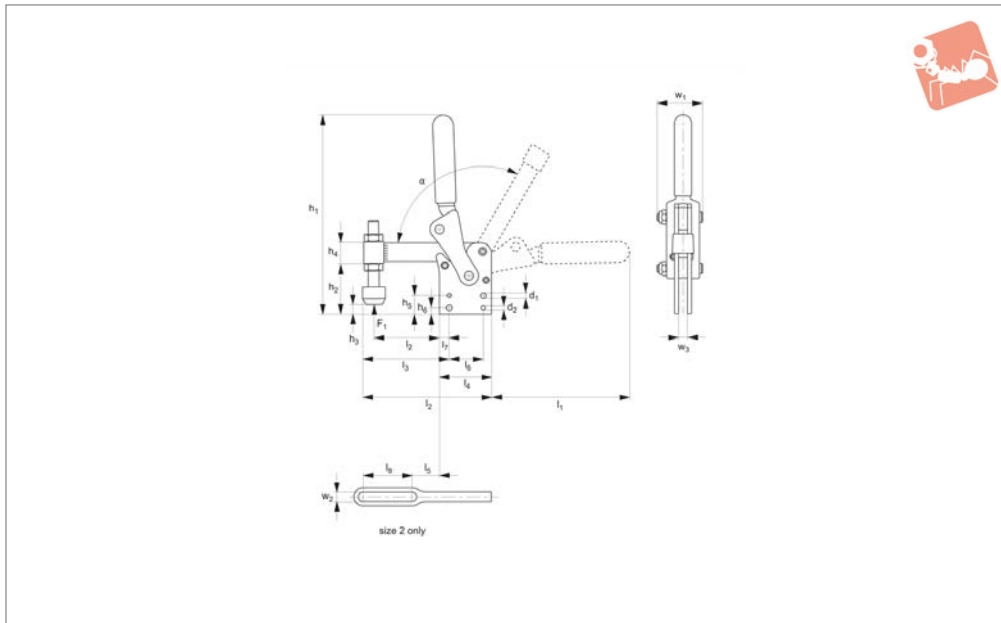




Heavy Duty Vertical Toggle Clamp

with vertical base and mounting holes

Heavy Duty Toggle Clamps



46090

HEAVY DUTY TOGGLE CLAMPS

Material

Body and lever: steel, blued.
 Bushes: reamed, case hardened.
 Pins: hardened, ground and permanently lubricated.
 Handle: ergonomic soft feel, oil-resistant, with large grip area.

Supplied complete with clamping screw (with rubber pad).

Technical Notes

Heavy vertical toggle clamps are especially suitable for production equipment and fixtures.

Temperature range -10°C to +80°C.

Tips

Clamp nuts on lever arm to vary friction in movement.

Order No.	Size	F ₁ kN	Clamping screw	h ₁	h ₂	h ₃ min.	h ₃ max.	h ₄	h ₅	h ₆	Weight g
46090.W0202	2	2.5	M 6x50	144	42.0	3.5	22.8	15	-	-	320
46090.W0204	4	10.0	M12x80	233	62.0	-1.0	35.0	24	25	10	1320
46090.W0206	6	12.0	M12x110	289	87.5	0.0	58.0	30	35	15	2120
46090.W0208	8	20.0	M12x110	338	106.0	25.0	76.0	36	40	20	4060

Order No.	l ₁	l ₂	l ₃	l ₄	l ₅	l ₆	l ₇	l ₈	w ₁	w ₂	w ₃	d ₁	d ₂	α
46090.W0202	94	85	48	37	12	-	-	30	31	6.2	6	-	-	190°
46090.W0204	161	146	101	60	75	30	15	-	52	12.2	10	8.5	5.7	120°
46090.W0206	189	181	121	75	95	45	15	-	60	12.2	12	10.5	7.7	120°
46090.W0208	219	226	151	95	120	55	20	-	76	12.2	16	12.5	9.7	120°