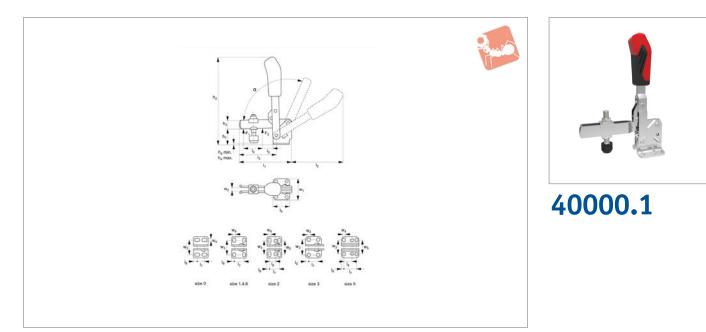


Vertical Acting Toggle Clamps

open arm - horizontal base

Steel Toggle Clamps



Material

Body: steel, zinc plated.

Rivets: stainless steel running in hardened bushes (sizes 2-6). Pre-lubricated bearings (grease suitable for food industry use). Ergonomic, soft feel, oil-resistant handle with large grip area. Supplied complete with clamping screw (with rubber pad).

Technical Notes

For fastening to mounting plates, etc. Opening angle (symbola/symbol/symbola/ symbol*) can be changed by pressing in a stop pin on the clamp body. Temperature range -10°C to +80°C.

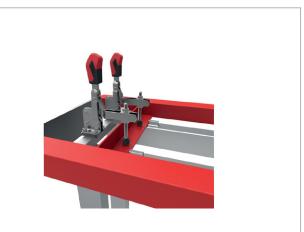
Tips

This product is also available in stainless steel, matt black and ESD.

		_	_											
Order No.	Size	F ₁	F ₂		Clamping screv	w h ₁	h ₂	h ₃		h ₄ h ₄	۱ ₁		2	Weight
		kN	kN							min. max.				g
40000.W0000	0	0.5	0.7		M 4x25	18.0	81	8	-	-1.5 3.5	49	5	60	60
40000.W0001	1	0.6	1.1		M 5x30	19.0	98	10		-4.0 2.0	61	5	8	105
40000.W0002	2	0.8	1.2		M 6x35	23.0	140	12		-3.0 4.5	78	8	39	175
40000.W0003	3	1.2	2.5		M 8x45	33.0	186	18		2.0 11.0	112	1	12	410
40000.W0004	4	1.7	3.0		M 8x65	42.5	221	20		-6.0 22.5	141	1	30	630
40000.W0005	5	3.0	5.0		M12x80	55.8	281	25		-3.0 27.5	195	13	85	1480
40000.W0006	6	3.4	5.5		M12x110	81.0	333	30		-2.5 55.0	231	2	06	2200
Order No.	I ₃	I_4	I_5	I_6	I ₇	I ₈	l ₉	w_1	W_2	w ₃	w ₄	W_5	α	α*
40000.W0000	31.0	14	5.5	22	8,5-13,5	-	5.5	32	4	23.0	4.5	-	95°	-
40000.W0001	39.0	18	6.0	27	16.0	-	5.5	34	5	22,5-26,0	4.5	-	95°	-
40000.W0002	52.0	25	11.0	32	20.0	12.5	6.0	43	6	23,0-31,0	5.5	27	105°	60°
40000.W0003	79.0	37	19.0	35	20.0	-	7.5	46	8	32.5	7.5	-	105°	60°
40000.W0004	101.0	54	16.0	53	32.0	-	13.0	64	10	43,0-46,5	8.6	-	105°	60°
40000.W0005	140.0	73	34.0	65	45.0	26,5-31,5	9.5	70	14	45,0-50,0	8.5	45	115°	60°
40000.W0006	165.5	89	28.0	90	50.5	_	24.5	100	14	67,5-72,5	13.0	-	140°	60°







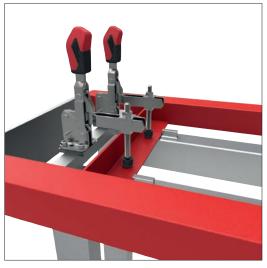




Wixroyd Toggle Clamps

Toggle Clamps

STEEL TOGGLE CLAMPS





Machining and Jig Assemblies





Cmm's



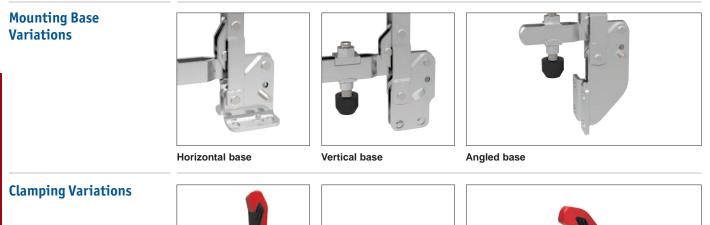
0333 207 4497

Toggle Clamps

Wixroyd Toggle Clamps

overview









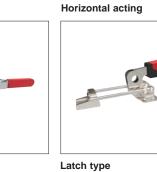


Vertical acting

Hook type

Vixroyd

AN ESSENTRA COMPANY





Push-pull



Explanation of forces

Holding Forces F1 or F2	The force transmitted to the workpiece by the toggle clamp's closed arm, without itself being deformed when machine forces are applied. The holding force value is dependent upon the proximity of the measuring load point to the toggle clamp's pivot point (therefore two values, F1 and F2 are provided).						
Clamping Forces F3 or F4	The force applied to the workpiece when the toggle clamp's arm is closed. These clamping forces can only be stated for pneumatic toggle clamps, clamping forces of manual clamps cannot be easily measured as they are dependent upon the operator.	F ₃ F ₄					
Piston Forces F5	For pneumatically controlled toggle clamps only, F5 is the piston force required (at 6 bar to) achieve the stated clamping force.	F5					







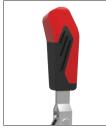
Wixroyd Toggle Clamps

overview

Toggle Clamps

Quality Features

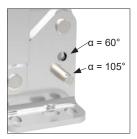
STEEL TOGGLE CLAMPS



Ergonomic soft grip 2-component handle



Stainless rivets and hardened bushings



Moveable stop for variable opening angle



Operator finger protection



Temperature resistant



Safety catches



Heavy duty versions



Pneumatic versions



Matt black surface for optical measurement



Steel, zinc plated and passivated



Stainless steel (304)



Steel, matt black vario-spektron coated



Protective cap and handle made of an electrostatic conductive (dissipative) material.

Unique Features

Materials

ov-W40000.1-A-T-W42070-A-T-c-rnh- Updated -27-10-2022



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