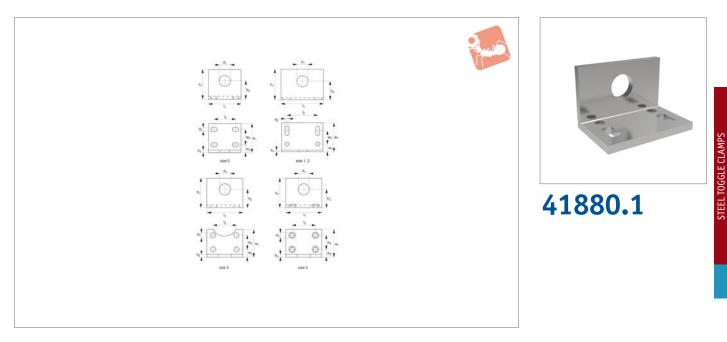


Steel Toggle Clamps



Material

Steel, zinc plated.

Technical Notes

The increased height of the centre line

ning by means of four screws. For stainless steel version see part 41880. W0300-.W0305.

allows a wide range of applications. Faste-

Order No.	Size	d_1	d ₂	h_1	h ₂	h ₃	I_1	I ₂	w_1	w ₂	w ₃	Weight
41880.W0500	0	10.2	4.5	23	13	3	30	15,5-20,5	30	16	9.0	35
41880.W0501	1	12.2	6.7	40	24	4	60	40.0	40	18	11.0	135
41880.W0502	2	16.2	6.7	40	24	5	60	40.0	40	18	11.0	160
41880.W0503	3	20.2	6.7	50	33	6	65	41.0	44	19	14.5	235
41880.W0505	5	24.0	9.0	60	37	8	70	45.0	60	32	17.0	450
41880.W0506	5-M27	27.0	9.0	60	37	8	70	45.0	60	32	17.0	440



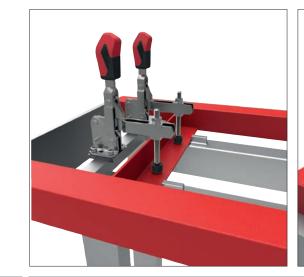
0333 207 4497

Toggle Clamps

Wixroyd Toggle Clamps

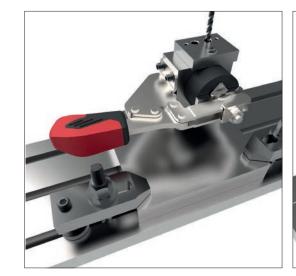


Welding Fixtures





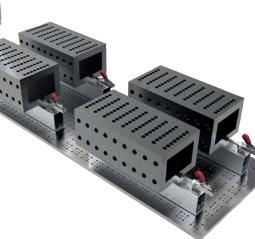
Machining and Jig Assemblies





Cmm's







wixroyd.com



Wixroyd Toggle Clamps

overview

Toggle Clamps







Mounting Base Variations

Clamping Variations

Horizontal base

Vertical base

Angled base



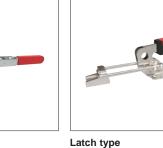


Horizontal acting





Vertical acting





Push-pull

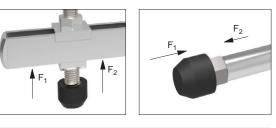


Explanation of forces

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).

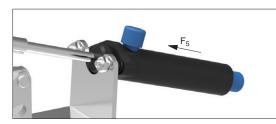
The force applied to the workpiece when the toggle clamp's arm is closed. These clamping forces can only be stated for pneumatic toggle clamps, clamping forces of manual clamps cannot be easily measured as they are dependent upon the operator.

For pneumatically controlled toggle clamps only, F5 is the piston force required (at 6 bar to) achieve the stated clamping force.



Holding Forces F1 or F2

Clamping Forces F3 or F4



Piston Forces F5





sales@wixroyd.com

Toggle Clamps

Wixroyd Toggle Clamps

overview



Quality Features



Ergonomic soft grip 2-component handle



Stainless rivets and hardened bushings



Moveable stop for variable opening angle



Operator finger protection



Temperature resistant

Unique Features



Safety catches



Heavy duty versions



Pneumatic versions



Matt black surface for optical measurement

Materials



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.

