Vertical Toggle Clamps • with vertical base and safety lock



Product Description

Due to their favourable power to movement ratio and their easy action the toggle clamps are versatile applicable for a wide rang of uses.

These toggle clamps can be used in the metal working industry when drilling, welding, bending, grinding, testing and fitting as well as in the wood and plastic industry in glueing, drilling, cutting and milling jigs.

The "toggle" principle of the toggle clamp allows a large and quick opening of the clamp. If unclamped the workpieces are completely cleared for unimpeded removal. The large power transmission results maximum clamping force by low hand force. The clamps are self-arresting they remain locked, resisting the force produced when machining components.

The toggle clamps are manufactured from high quality components and are designed for continuous use.

A oil resistant ergonomic 2-component handle, with increased grip area with soft surface for high ease of use.

The quickly adjustable clamping screws are provided by a retainer.

Material

Clamp

Steel, zinc-plated by galvanization, passivated

Rivet

· Stainless steel

Handle

· plastic

Clamping screw

Steel, tempered, zinc-plated by galvanization

Clamping cap

Rubber, black

Plastic cap

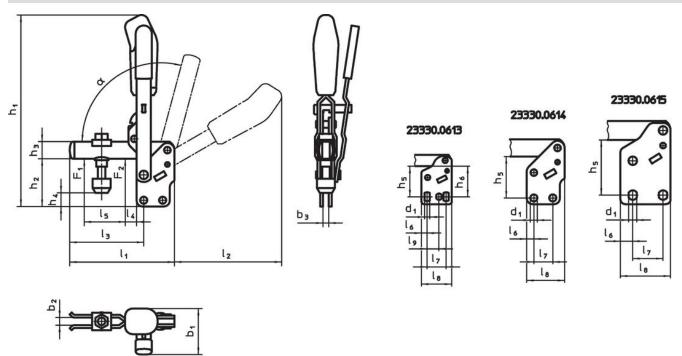
PVC, black

More information

References

Replacement clamping screws are available as accessories in the online shop.

Drawing



Halder, Inc.

www.halderusa.com

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Order information

Nominal	Clamping	Dimensions												Hole	ding	α	<u>[</u>		I	Art. No.								
size	screw											for	ce															
		d₁	b ₁	b_2	b ₃	h₁	h ₂	h ₃	h ₄	h ₄	h ₅	h ₆	I ₁	l ₂	l ₃	I ₄	l ₅	I ₆	I ₇	l ₈	l ₉	F ₁	F ₂		min.ı	max		
									min.	max.																		
	[mm]		[mm]										[k	[kN]		[°C	;]	[g]										
Steel																												
3	M6 x 35	5.5	38	6	5	154	38	12	11.5	19.5	28.5 – 32	30	78	89	52	11	25	6.0	20	32	12.5	1.0	1.2	95°	-10	80	237	23330.0613
4	M8 x 45	7.5	48	8	6	200	48	18	10.0	18.5	41.0	-	111	114	79	19	37	7.5	20	40	_	1.4	2.5	105°	-10	80	484	23330.0614
5	M8 x 65	8.6	53	10	8	244	65	20	16.5	45.5	55.5	-	141	130	101	16	54	13.0	32	53	-	2.0	3.0	105°	-10	80	776	23330.0615

Accessories

	d ₂	Ĭ	Art. No.						
	[mm]	[g]							
Clamping screw (spare part of toggle clamp)									
	M6 x 35	16	23330.9003						
	M8 x 45	38	23330.9005						
	M8 x 65	57	23330.9006						

Compliance

For detailed compliance information please select the desired article number.



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