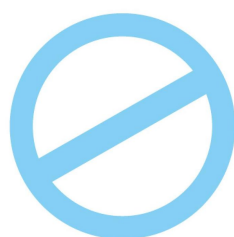


Vertical Toggle Clamps • with horizontal base

23330.0505

No Photo
available

Product Description

Due to their favourable power to movement ratio and their easy action the toggle clamps are versatile applicable for a wide range 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

- Stainless steel

Rivet

- Stainless steel

Handle

- plastic

Clamping screw

- Steel, tempered, zinc-plated by galvanization
- Stainless Steel

Clamping cap

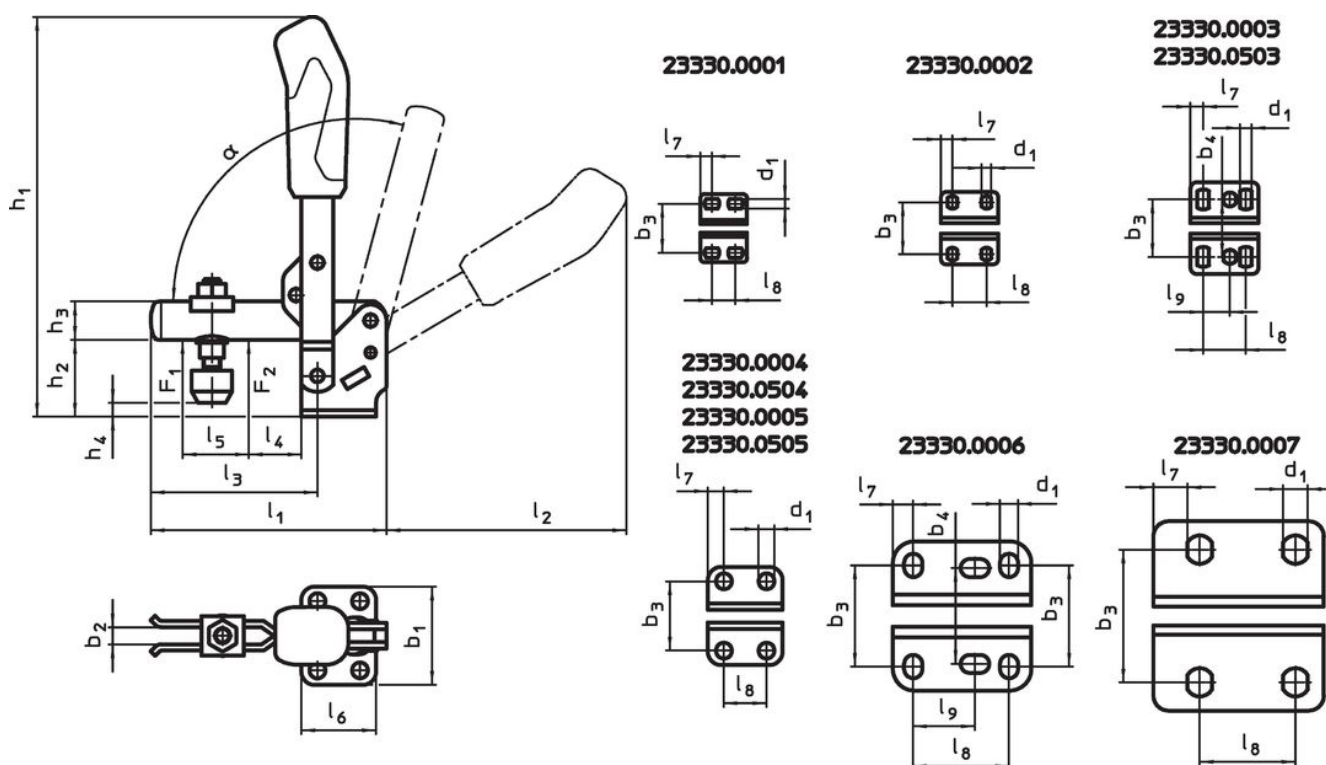
- Rubber, black



More information

References


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

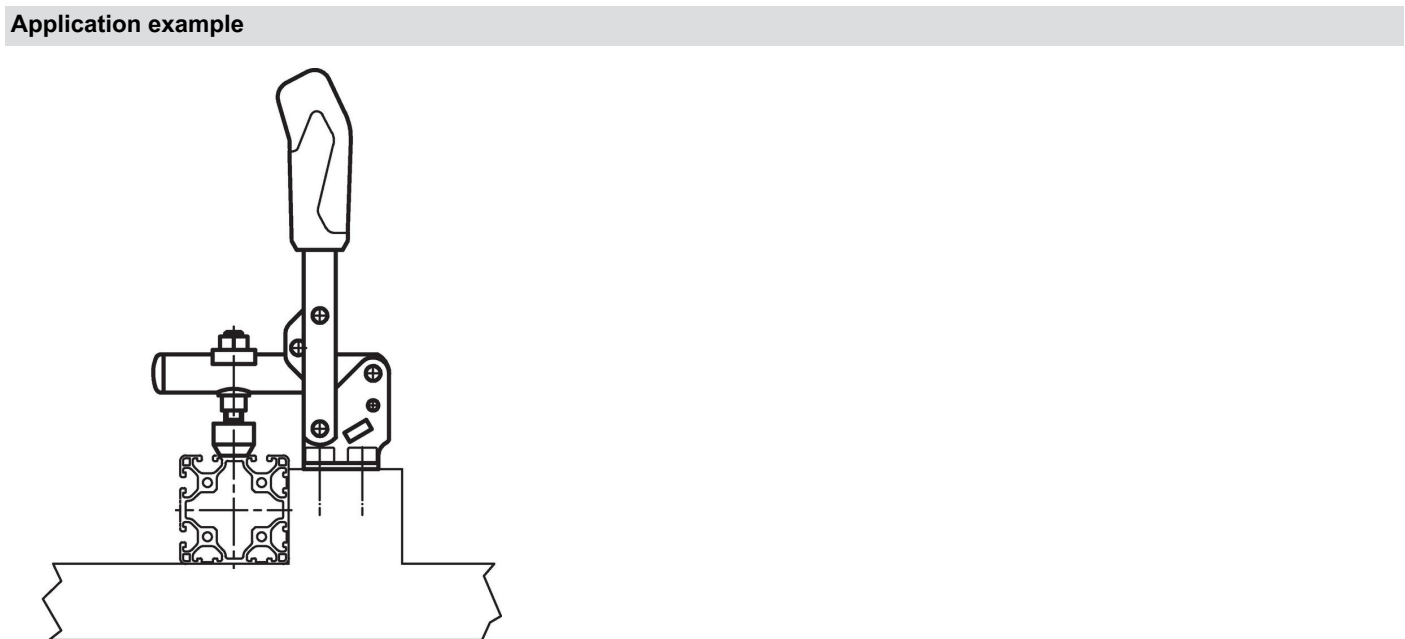
Drawing



Order information																										
Nomina size	Clamping screw	Dimensions																Holding force		$\alpha^1)$	 min. max.			Art. No.		
		d ₁	b ₁	b ₂	b ₃	h ₁	h ₂	h ₃	h ₄ min.	h ₄ max.	l ₁	l ₂	l ₃	l ₄	l ₅	l ₆	l ₇	l ₈	F ₁	F ₂						
		[mm]																		[kN]		[°C]	[g]			
	Stainless steel																									
5	M8 x 65	8.6	64	10	43.5 – 46.5	221	42.5	20	-6	22.5	141	130	101	16	54	53	13	32	1.7	3	105°	-10	80	697	23330.0505	

1) The opening angle of the handle can be changed to 60° by pressing in a stop pin.

Accessories			
	Dimensions d ₂ [mm]	<div> <div></div> <div>[g]</div> </div>	Art. No.
Clamping screw (spare part of toggle clamp), Stainless Steel			
	M 8 x 65	57.0	23330.9505



Compliance

RoHS compliant

Compliant according to Directive 2011/65/EU and Directive 2015/863.

Does not contain SVHC substances

No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 23.01.2024.

Does not contain Proposition 65 substances

No Proposition 65 substances included.

<https://www.P65Warnings.ca.gov/>

Free from Conflict Minerals

This product does not contain any substances designated as "conflict minerals" such as tantalum, tin, gold or tungsten from the Democratic Republic of Congo or adjacent countries.