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Toggle Clamps Hook Type • with horizontal base

EH 23330.



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.
The toggle clamps are manufactured from high quality components and are designed for maintenance-free continuous use.
An oil resistant ergonomic 2-component handle, with slip-proof, soft surface and large grip area for high ease of use.

Material

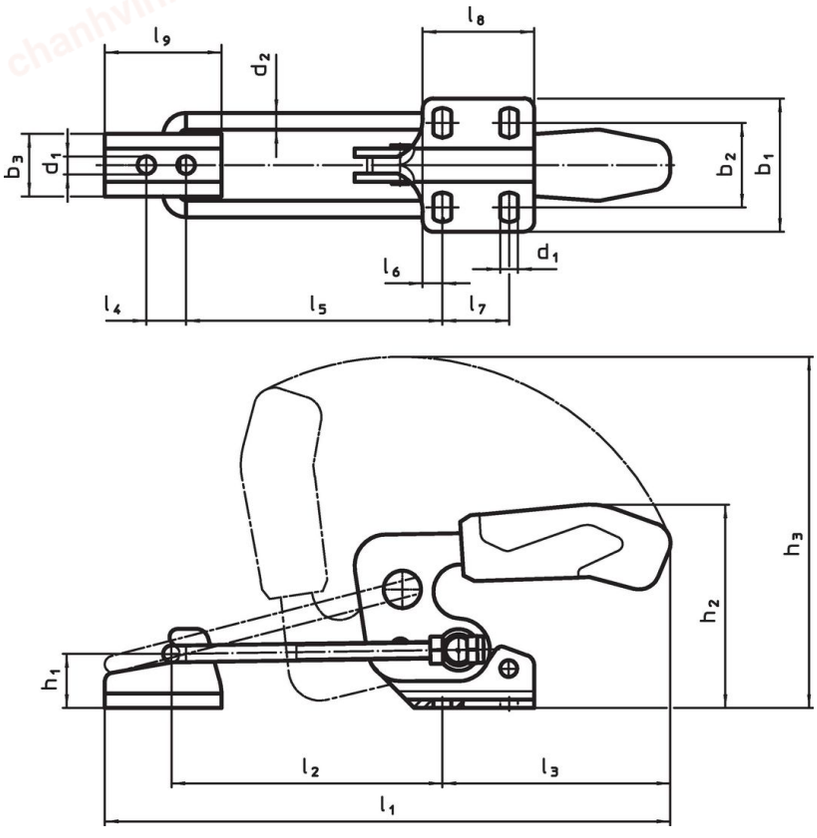
Clamp
- Steel, zinc-plated by galvanization, passivated
- Stainless steel

Rivet
- Stainless steel

Handle
- plastic

Counter catch
- Steel, zinc-plated by galvanization, passivated
- Stainless steel

Drawing



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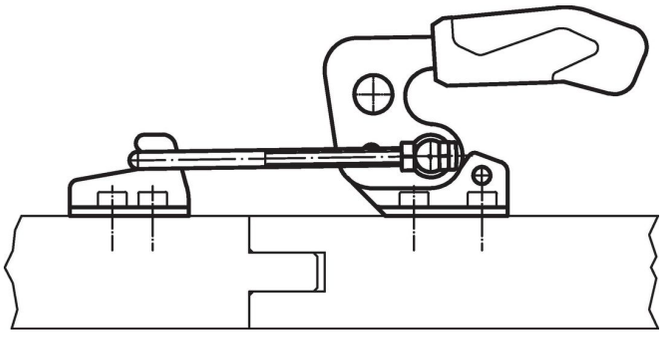
Order information

Nominal size	Dimensions																				Holding force				Art. No.
	d_1	d_2	b_1	b_2	b_3	h_1	h_2	h_3	l_1 min.	l_1 max.	l_2 min.	l_2 max.	l_3	l_4	l_5 min.	l_5 max.	l_6	l_7	l_8	l_9	F_1	min.	max.		
	[mm]																				[kN]	[°C]		[g]	
Steel																									
3	5.2	4	38.0	19.5 – 23.5	18	12	47.0	99.0	125	159	42.0	76	69	11	38.0	72	6.4	13	26.0	26	1.6	-10	80	143	23330.3003
4	6.5	6	48.0	24.5 – 32.0	23	19	70.0	135.5	169	216	53.5	101	93	14	48.6	96	8.0	19	35.0	39	3.2	-10	80	365	23330.3004
5	8.5	8	64.3	35.0 – 46.0	30	26	94.5	171.5	209	273	66.0	130	111	19	59.0	123	9.5	32	53.5	56	7.0	-10	80	821	23330.3005
Stainless steel																									
3	5.2	4	38.0	19.5 – 23.5	18	12	47.0	99.0	125	159	42.0	76	69	11	38.0	72	6.4	13	26.0	26	1.6	-10	80	144	23330.3103
4	6.5	6	48.0	24.5 – 32.0	23	19	70.0	135.5	169	216	53.5	101	93	14	48.6	96	8.0	19	35.0	39	3.2	-10	80	365	23330.3104
5	8.5	8	64.3	35.0 – 46.0	30	26	94.5	171.5	209	273	66.0	130	111	19	59.0	123	9.5	32	53.5	56	7.0	-10	80	821	23330.3105

Accessories

	Nominal size	l_9 [mm]	b_3 [mm]	d_1 [mm]	l_4 [mm]	[g]	Art. No.
Counter catch (accessories for toggle clamps hook type), Steel							
	**3**	26	18	5.2	11	15	23330.9023
	4	39	23	6.5	14	42	23330.9024
	5	56	30	8.5	19	108	23330.9025
Counter catch (accessories for toggle clamps hook type), Stainless steel							
	**3**	26	18	5.2	11	15	23330.9523
	4	39	23	6.5	14	42	23330.9524
	5	56	30	8.5	19	111	23330.9525

Application example



Compliance

For detailed compliance information please select the desired article number.