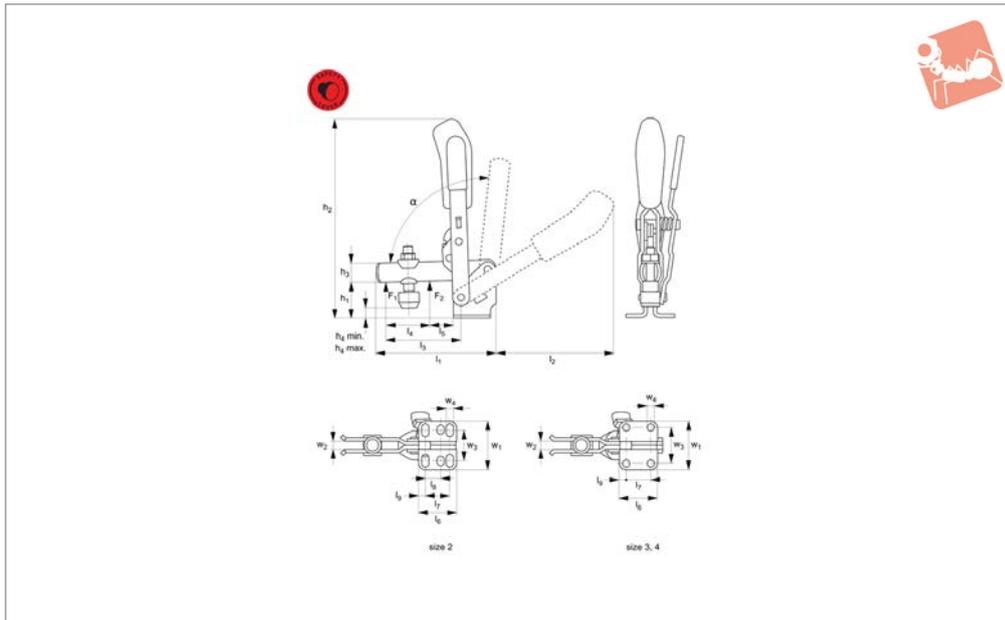




Vertical Acting Toggle Clamps

safety lever - open arm - horizontal base

Safety Lever Toggle Clamps



40010.1

SAFETY LEVER TOGGLE CLAMPS

Material

Body: steel, zinc plated. Rivets: stainless steel rivets running in hardened bushes. 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

The safety lever holds the clamp in both the open and the closed position. This prevents opening under vibration or inad-

vertent movement of the clamping arm when loading or unloading a fixture. Opening angle (symbol α /symbol α /symbol α /symbol α *) can be changed by pressing in a stop pin on the clamp body. Temperature range -10°C to +80°C.

Order No.	Size	F ₁ kN	F ₂ kN	Clamping screw	h ₁	h ₂	h ₃	h ₄ min.	h ₄ max.	l ₁	l ₂	l ₃	Weight g
40010.W0002	2	1.0	1.2	M 6x35	23.0	139.5	12	-3	4.5	78	89	52	260
40010.W0003	3	1.4	2.5	M 8x45	33.0	186.0	18	2	11.0	112	112	79	470
40010.W0004	4	2.0	3.0	M 8x65	42.5	221.0	20	-6	22.5	141	130	101	690

Order No.	l ₄	l ₅	l ₆	l ₇	l ₈	l ₉	w ₁	w ₂	w ₃	w ₄	α	α^*
40010.W0002	25	11	32	20	12.5	6.0	43	6	23,0-31,0	5.5	105°	60°
40010.W0003	36	19	35	20	-	7.5	46	8	32.5	7.5	105°	60°
40010.W0004	54	16	53	32	-	13.0	64	10	45.0	8.6	105°	60°

Safety Lever Toggle Clamps

Vertical Acting Toggle Clamps

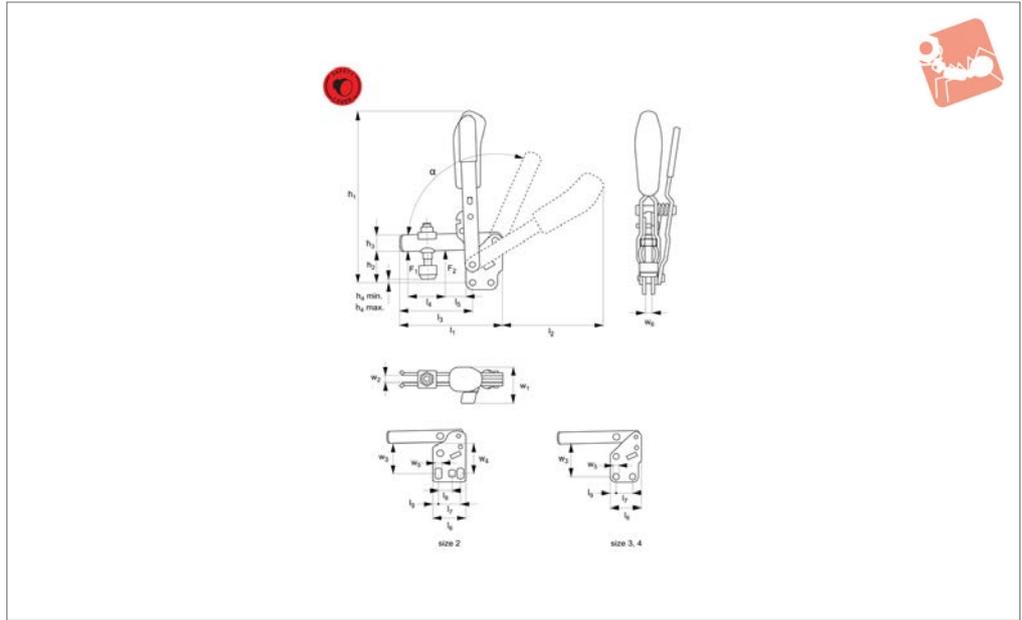
safety lever - open arm - vertical base



SAFETY LEVER TOGGLE CLAMPS



40060.1



Material

Body: steel, zinc plated. Rivets: stainless steel running in hardened bushes. 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

Ideal for mounting to struts and on welding jigs. The safety lever holds the clamp in both the open and the closed position. This prevents opening under vibration or inad-

vertent movement of the clamping arm when loading or unloading a fixture. Opening angle (symbol α /symbol α^*) can be changed by pressing in a stop pin on the clamp body. Temperature range -10°C to +80°C.

Order No.	Size	F ₁ kN	F ₂ kN	Clamping screw	h ₁	h ₂	h ₃	h ₄ min.	h ₄ max.	l ₁	l ₂	l ₃	Weight g
40060.W0002	2	1.0	1.2	M 6x35	154	38	12	11.5	19.5	78	89	52	175
40060.W0003	3	1.4	2.5	M 8x45	200	48	18	10.0	18.5	111	114	79	470
40060.W0004	4	2.0	3.0	M 8x65	244	65	20	16.5	45.5	141	130	101	690

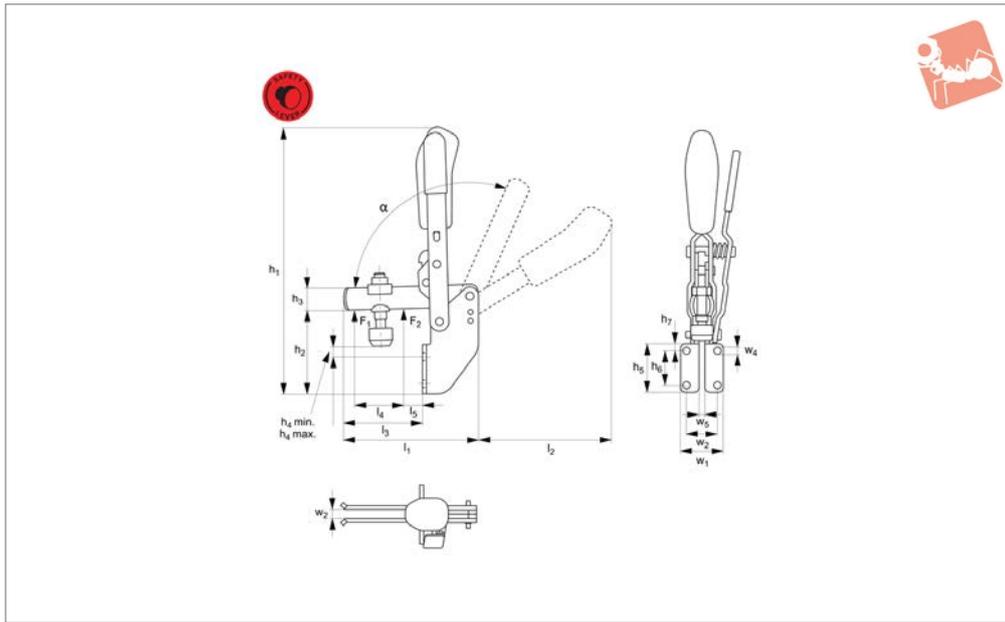
Order No.	l ₄	l ₅	l ₆	l ₇	l ₈	l ₉	w ₁	w ₂	w ₃	w ₄	w ₅	w ₆	α	α^*
40060.W0002	25	11	32	20	12.5	6.0	37.5	6	28,5-32,0	30	5.5	5	105°	60°
40060.W0003	37	19	40	20	-	7.5	48.0	8	41.0	-	7.5	6	105°	60°
40060.W0004	54	16	53	32	-	13.0	53.0	10	55.5	-	8.6	8	105°	60°



Vertical Acting Toggle Clamps

safety lever - open arm - angle base

Safety Lever Toggle Clamps



40120

SAFETY LEVER TOGGLE CLAMPS

Material

Body: steel, zinc plated. Rivets: stainless steel running in hardened bushes. 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

Ideal for side mounting. The safety lever holds the clamp in both the open and the closed position. This

prevents opening under vibration or inadvertent movement of the clamping arm when loading or unloading a fixture. Opening angle (symbol α /symbol α /symbol α /symbol α *) can be changed by pressing in a stop pin on the clamp body. Temperature range -10°C to +80°C.

Order No.	Size	F ₁ kN	F ₂ kN	Clamping screw	h ₁	h ₂	h ₃	h ₄ min.	h ₄ max.	h ₅	h ₆	h ₇	Weight g
40120.W0002	2	1.0	1.2	M 6x35	176.5	60.0	12	8	15.5	32	20	6	250
40120.W0003	3	1.4	2.5	M 8x45	223.0	71.0	18	9	17.5	38	24	7	535
40120.W0004	4	2.0	3.0	M 8x65	280.0	101.5	20	11	39.5	96	32	54	750

Order No.	l ₁	l ₂	l ₃	l ₄	l ₅	w ₁	w ₂	w ₃	w ₄	w ₅	α	α^*
40120.W0002	77	90	41	25	6	37.0	6	25.5	6.1	5	105°	60°
40120.W0003	110	112	62	37	11	42.5	8	28.5	6.5	6	105°	60°
40120.W0004	141	129	83	54	11	52.0	10	32.0	8.5	8	105°	60°

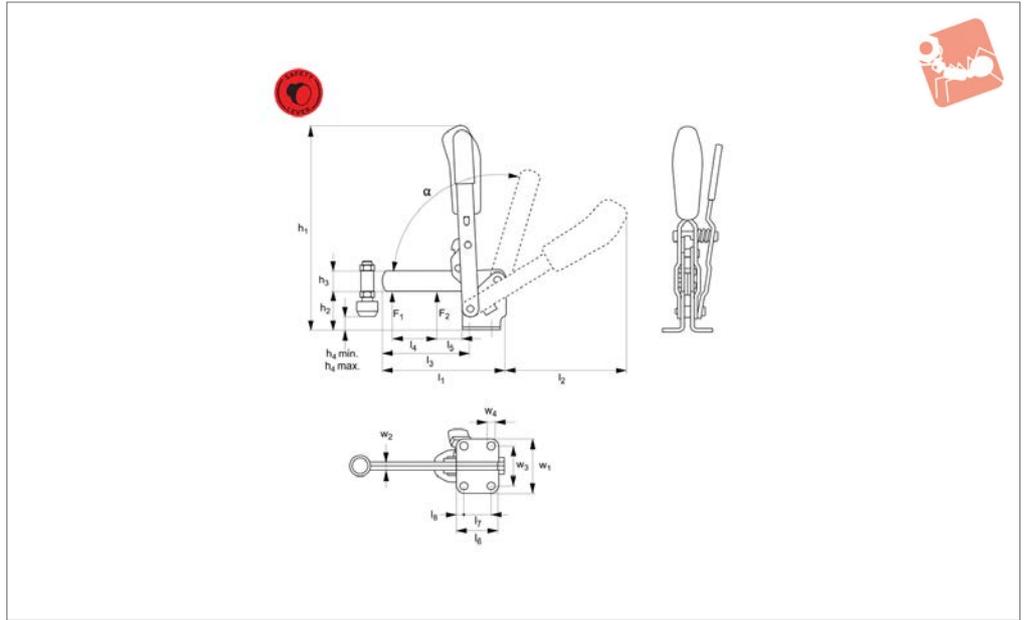
Safety Lever Toggle Clamps

Vertical Acting Toggle Clamps

safety lever - solid arm - horizontal base



40160



SAFETY LEVER TOGGLE CLAMPS

Material

Body: steel, zinc plated. Rivets: stainless steel running in hardened bushes. Pre-lubricated bearings (grease suitable for food industry use). Ergonomic soft feel oil-resistant handle with large grip area. Supplied complete with weldable clamping

screw (with rubber pad).

Technical Notes

For fastening to mounting plates, etc. The arm can be shortened to suit the work-piece. The sleeve is then welded to the arm.

The safety lever holds the clamp in both

the open and the closed position. This prevents opening under vibration or inadvertent movement of the clamping arm when loading or unloading a fixture. Opening angle (symbol α /symbol α /symbol α /symbol α *) can be changed by pressing in a stop pin on the clamp body. Temperature range -10°C to +80°C.

Order No.	Size	F ₁ kN	F ₂ kN	Clamping screw	h ₁	h ₂	h ₃	h ₄ min.	h ₄ max.	h ₅	Weight g
40160.W0003	3	1.4	2.5	M 8x45	186	48.0	18	0	12	35	470
40160.W0004	4	2.0	3.0	M 8x65	220	42.5	20	-8	21	53	690

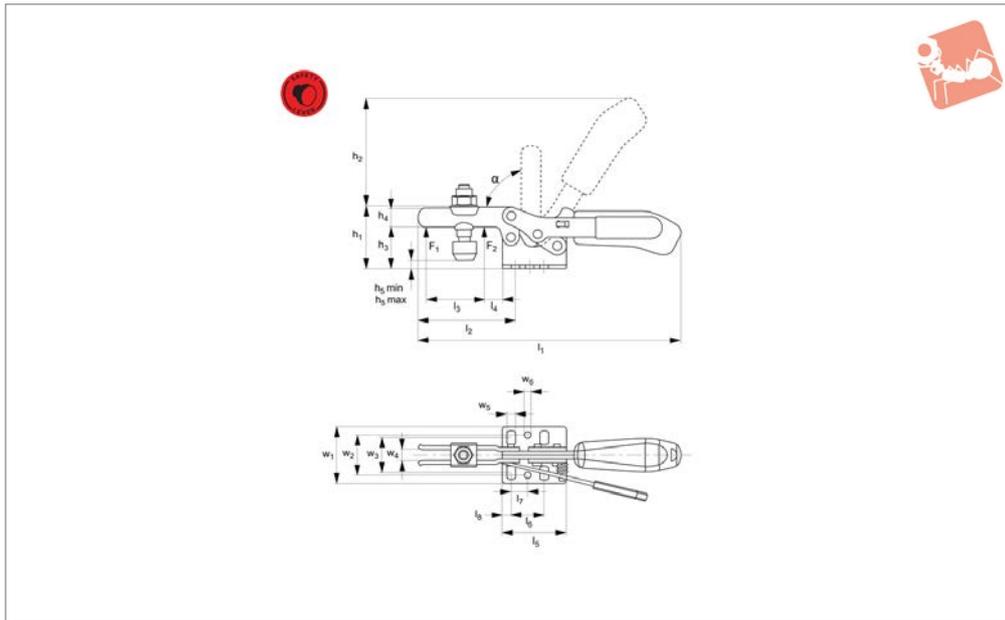
Order No.	h ₆	h ₇	l ₁	l ₂	l ₃	l ₄	l ₅	w ₁	w ₂	w ₃	w ₄	α	α^*
40160.W0003	20	7.5	112	112	81	43	19	46	6	32	7.1	105°	60°
40160.W0004	32	13.0	140	130	101	61	16	64	8	45	8.5	105°	60°



Horizontal Acting Toggle Clamps

safety lever - open arm - horizontal base

Safety Lever Toggle Clamps



41010

SAFETY LEVER TOGGLE CLAMPS

Material

Body: steel, zinc plated.
 Rivets: stainless steel running in hardened bushes. 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

The safety lever holds the clamp in both

the open and the closed position. This prevents opening under vibration or inadvertent movement of the clamping arm when loading or unloading a fixture.

Temperature range -10°C to +80°C.

Order No.	Size	F ₁ kN	F ₂ kN	Clamping screw	h ₁	h ₂	h ₃	h ₄	h ₅ min.	h ₅ max.	l ₁	l ₂	Weight g
41010.W0003	3	1.8	2.5	M 8x45	48.5	86.0	32	15	-2	9	206	73	390
41010.W0004	4	2.0	3.0	M 8x65	75.0	126.5	45	20	-4	24	287	113	800

Order No.	l ₃	l ₄	l ₅	l ₆	l ₇	l ₈	w ₁	w ₂	w ₃	w ₄	w ₅	w ₆	α
41010.W0003	38	14	50	25.7	13.0	7	45.5	31.6	22,0-31,8	8	6.5	5.1	90°
41010.W0004	63	27	57	41.0	20.5	8	58.0	43.0	29,0-43,0	10	8.5	8.5	90°

Safety Lever Toggle Clamps

Horizontal Acting Toggle Clamps

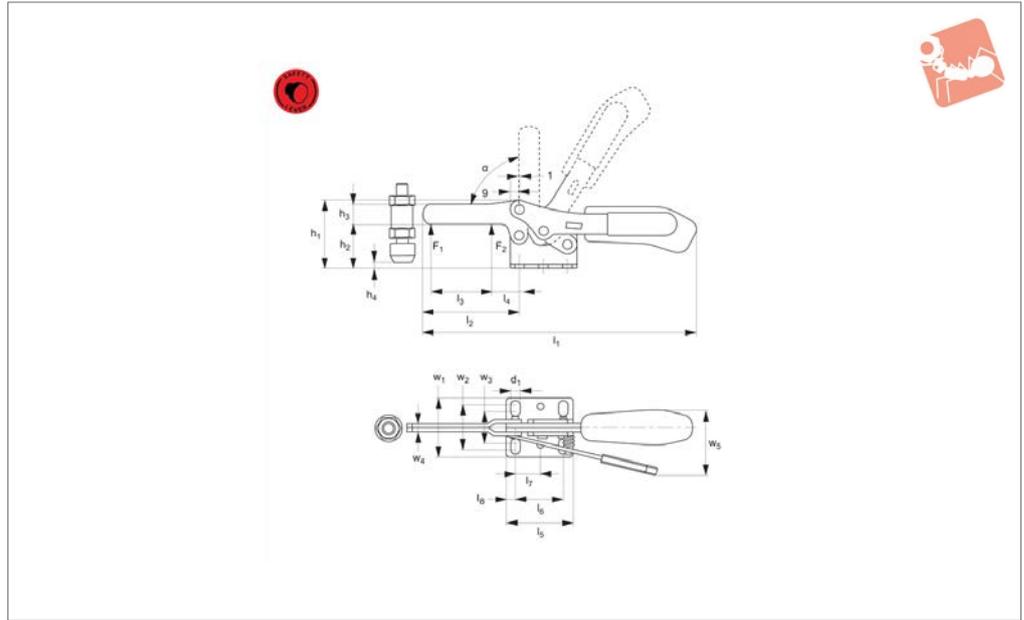
safety lever - solid arm - horizontal base



SAFETY LEVER TOGGLE CLAMPS



41040



Material

Body: steel, zinc plated. Rivets: stainless steel running in hardened bushes. Pre-lubricated bearings (grease suitable for food industry use). Ergonomic soft feel oil-resistant handle

with large grip area.

Supplied complete with weldable clamping screw (with rubber pad).

Technical Notes

The safety lever holds the clamp in both

the open and the closed position. This prevents opening under vibration or inadvertent movement of the clamping arm when loading or unloading a fixture. Temperature range -10°C to +80°C.

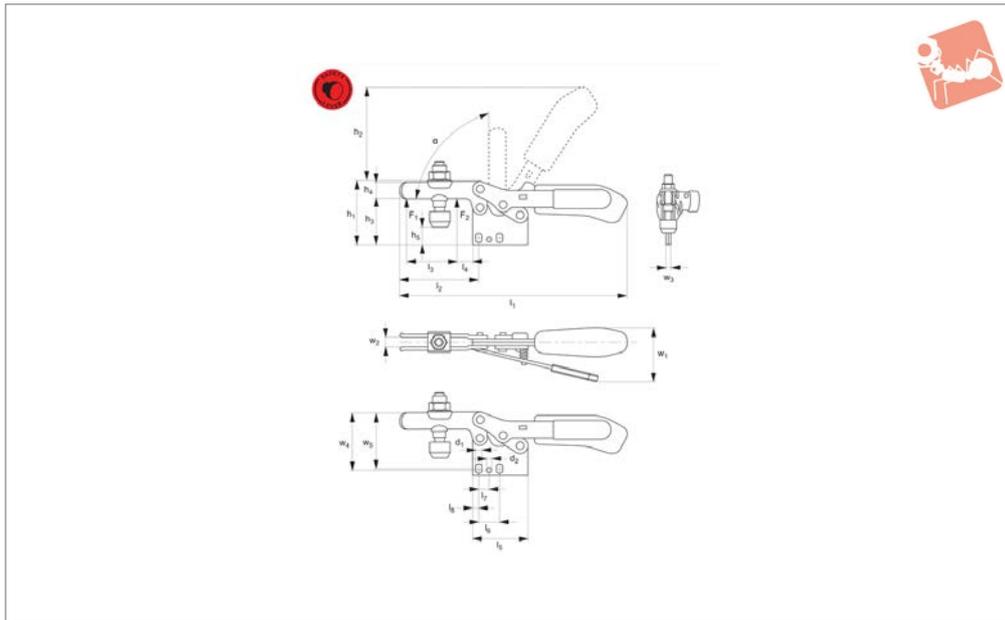
Order No.	Size	F ₁ kN	F ₂ kN	Clamping screw	h ₁	h ₂	h ₃	h ₄ min.	h ₄ max.	l ₁	l ₂	Weight g	
41040.W0004	4	2	3	M 8x65	75	45	20	-6	23	286	111	800	
Order No.	l ₃	l ₄	l ₅	l ₆	l ₇	l ₈	w ₁	w ₂	w ₃	w ₄	w ₅	d ₁	α
41040.W0004	66	34	57	41	20.5	8	58	43	29	8	56.3	8.5	90°



Horizontal Toggle Clamps

safety lever - open arm - vertical base

Safety Lever Toggle Clamps



41060.1

SAFETY LEVER TOGGLE CLAMPS

Material

Body: steel, zinc plated. Rivets: stainless steel running in hardened bushes. Pre-lubricated bearings (grease suitable for food industry use). Ergonomic soft feel oil-resistant handle

with large grip area.

Supplied complete with weldable clamping screw (with rubber pad).

Technical Notes

The safety lever holds the clamp in both

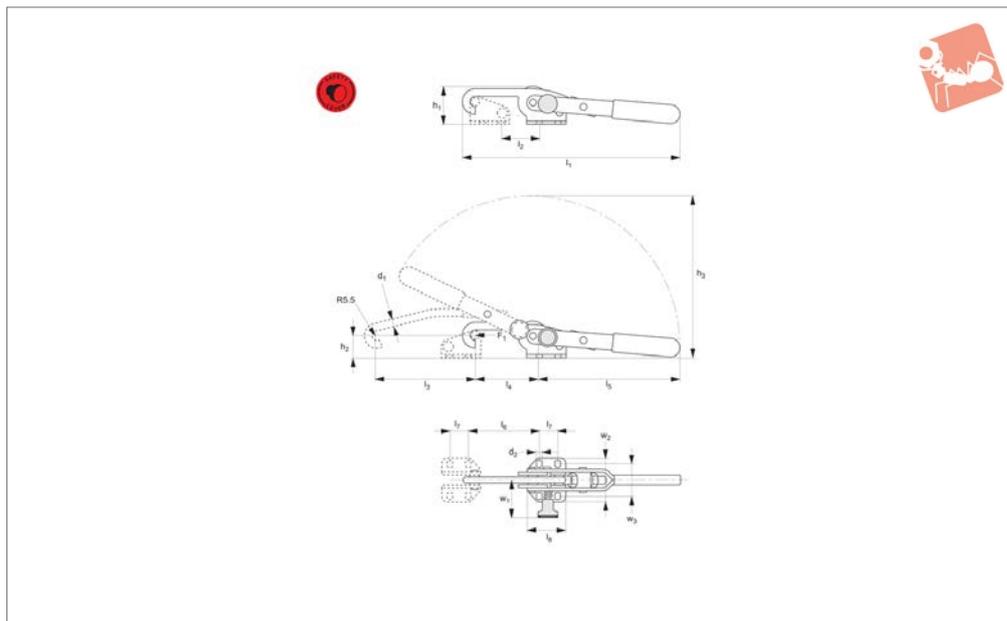
the open and the closed position. This prevents opening under vibration or inadvertent movement of the clamping arm when loading or unloading a fixture. Temperature range -10°C to +80°C.

Order No.	Size	F ₁ kN	F ₂ kN	Clamping screw	h ₁	h ₂	h ₃	h ₄	h ₅ min.	h ₅ max.	l ₁	l ₂	Weight g
41060.W0003	3	1.8	2.5	M 8x45	65	86	49.0	15	14.5	26	206	73	390
41060.W0004	4	2.0	3.0	M 8x65	97	126	66.5	20	17.5	46	287	113	800

Order No.	l ₃	l ₄	l ₅	l ₆	l ₇	l ₈	w ₁	w ₂	w ₃	w ₄	w ₅	d ₁	d ₂	α
41060.W0003	38	14	50	25.7	13.0	7	48	8	6	42	37,5-42,5	6.5	5.1	90°
41060.W0004	63	27	57	41.0	20.5	8	51	10	8	59	52,0-59,0	8.5	8.5	90°



41600



Material

Body: steel, zinc plated.
 Rivets: stainless steel running in hardened bushes. Pre-lubricated bearings (grease suitable for food industry use).
 Handle: oil-resistant plastic handle with large grip area.

Technical Notes

The safety knob locks the clamp in the

closed position. This prevents opening under vibration or inadvertent movement of the clamping arm when loading or unloading a fixture.
 Pull out the safety knob to release the clamp.
 The h_2 engagement height (23mm) must be adhered to, ensure safety knob functionality.

The length of the hook is adjustable up to 12mm. Adjustment is made by rotating the threaded hook to extend or contract its reach.
 Use counter strike 41740.W0013, order separately.
 Temperature range -10°C to +80°C.

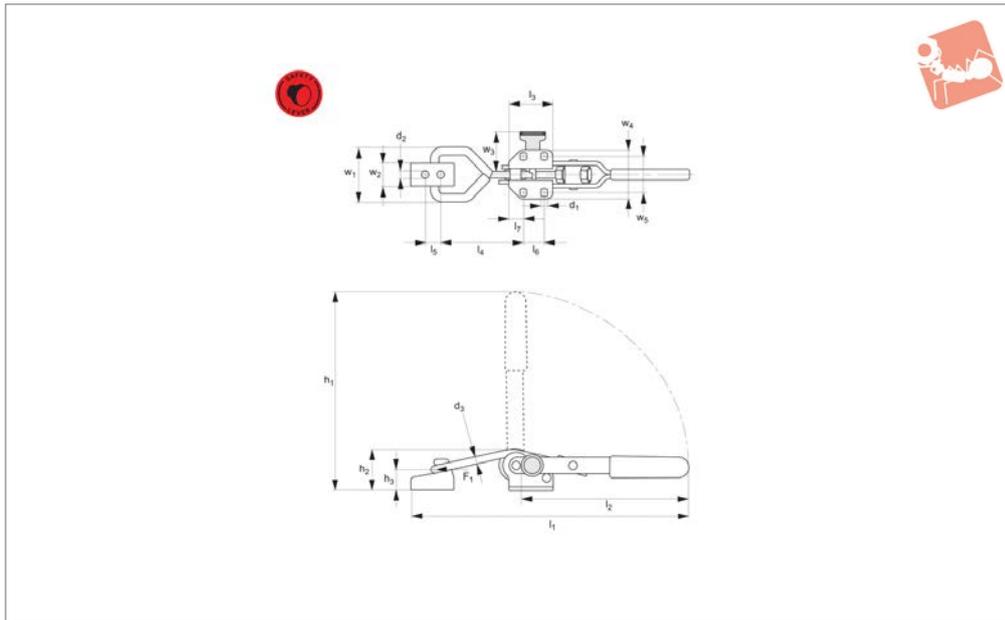
Order No.	Size	F_1 kN	h_1	h_2	h_3	l_1	l_2	l_3	Weight g	
41600.W0003	3	3	38	23	181	240	41-50	98	295	
Order No.	l_4	l_5	l_6	l_7	l_8	w_1	w_2	w_3	d_1	d_2
41600.W0003	67-76	151	74-83	19	40	38.5	45	32-36	7.1	5.6



Latch Type Toggle Clamp

safety knob

Safety Lever Toggle Clamps



41620

SAFETY LEVER TOGGLE CLAMPS

Material

Body: steel, zinc plated.
 Rivets: stainless steel running in hardened bushes. Pre-lubricated bearings (grease suitable for food industry use).
 Handle: oil-resistant plastic with large grip area.

Technical Notes

The safety knob locks the clamp in the closed position. This prevents opening under vibration or inadvertent movement of the clamping arm when loading or unloading a fixture.
 Pull out the safety knob to release the

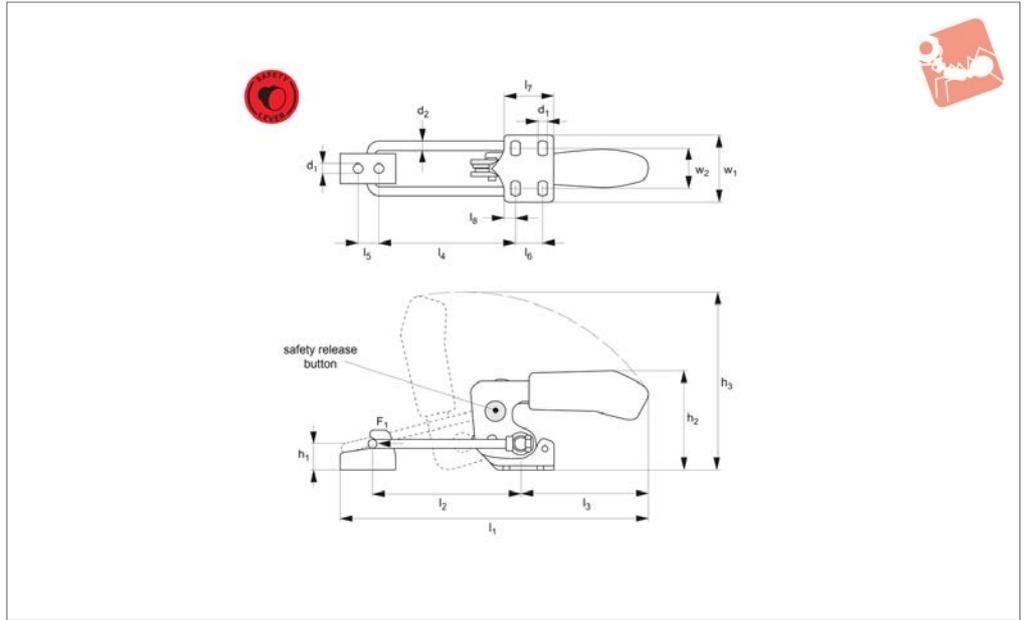
clamp.

Supplied complete with counter strike.
 For additional counter strikes, see part 41801.W00012- .W0014.
 Temperature range -10°C to +80°C.

Order No.	Size	F_1 kN	h_1	h_2	h_3	l_1	l_2	l_3	l_4	Weight g	
41620.W0003	3	3	179	38	19	257	149	40	79.5	295	
Order No.	l_5	l_6	l_7	w_1	w_2	w_3	w_4	w_5	d_1	d_2	$\varnothing d_3$
41620.W0003	14	19	13	49	21	38.5	32-35	45	5.6	6.5	7.1



41805.1



SAFETY LEVER TOGGLE CLAMPS

Material

Body: steel, zinc plated.
 Rivets: stainless steel running in hardened bushes. Pre-lubricated bearings (grease suitable for food industry use).
 Handle: ergonomic soft feel, oil-resistant with a large grip area.

Hook: steel, tempered.

Technical Notes

The safety button locks the clamp in the closed position. This prevents opening under vibration or inadvertent movement of the clamping arm when loading or

unloading a fixture.

Temperature range -10°C to +80°C.

Tips

Also available in stainless steel version part no. 41805.W0304.

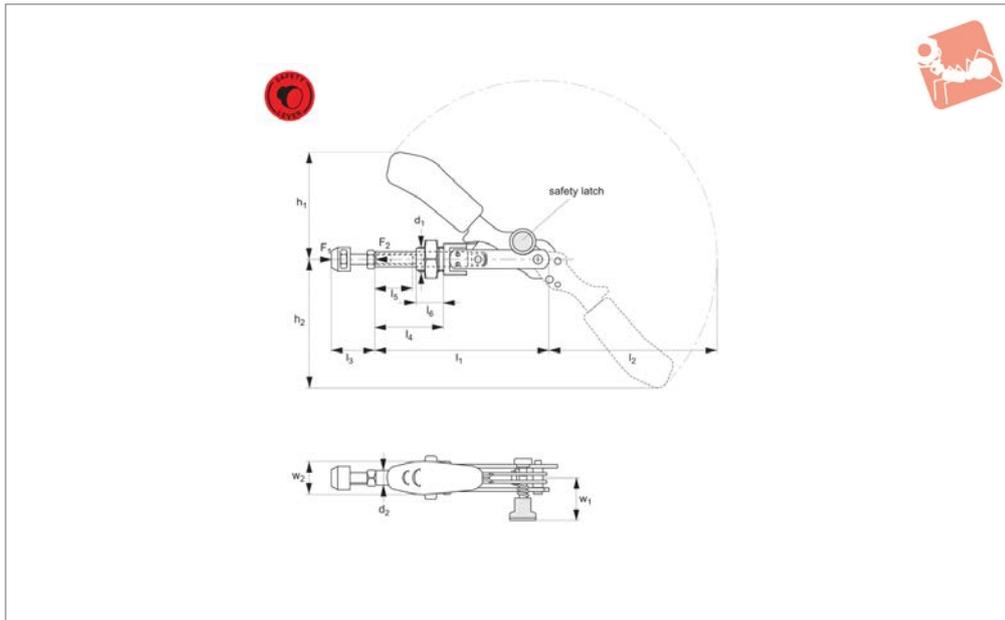
Order No.	Size	F ₁ kN	h ₁	h ₂	h ₃	l ₁ min.	l ₁ max.	l ₂ min.	l ₂ max.	l ₃	Weight g
41805.W0004	4	7.0	26	94	168	209	273	66	130	111	850
Order No.	l ₄ min.	l ₄ max.	l ₅	l ₆	l ₇	l ₈	w ₁	w ₂	d ₁	d ₂	
41805.W0004	59	123	19	32	53.5	9.5	64.5	35-46	8.5	8	



Push-Pull Type Toggle Clamp

safety knob

Safety Lever Toggle Clamps



41895

SAFETY LEVER TOGGLE CLAMPS

Material

Body: steel, zinc plated.
 Rivets: stainless steel running in hardened bushes. Pre-lubricated bearings (grease suitable for food industry use).
 Handle: ergonomic soft feel, oil-resistant with a large grip area.

Technical Notes

The safety knob holds the clamp in both the open and the closed position. This prevents opening under vibration or inadvertent movement of the clamping arm when loading or unloading a fixture. Without angle bracket. Push and pull-

clamping (equal operation of rod and lever). Long rod-guide with attaching thread and nut.
 Temperature range -10°C to +80°C.

Order No.	Size	F ₁ kN	F ₂ kN	Clamping screw	d ₁	d ₂	h ₁	h ₂	l ₁	l ₂	l ₃ min./max.	l ₄	l ₅	l ₆	w ₁	w ₂	Weight g
41895.W0003	3	2,5	2,5	M 8x35	M20x1,5	12	86	103	140	134	22-35	56	30	22	36	27	402