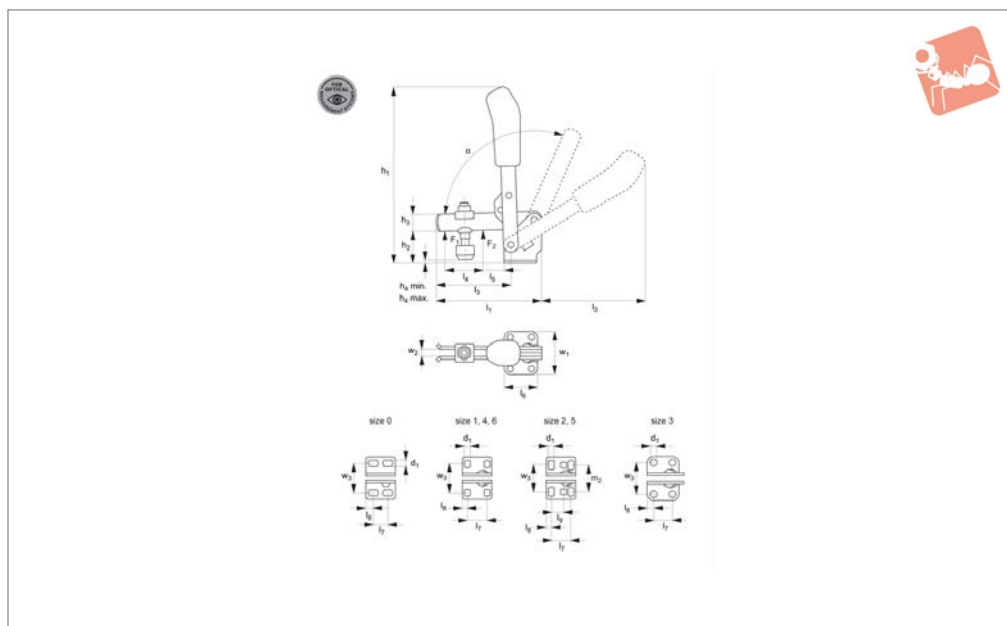




Vertical Acting Toggle Clamps

black - open arm - horizontal base

Optical Measuring Toggle



40000.2

OPTICAL MEASURING TOGGLE CLAMPS

Material

Body: steel matt black.
Bushes: case hardened and pre-lubricated.
Handle: plastic, black, oil resistant, ergonomic.
Supplied complete with matt black clamping screw (with rubber pad).

Technical Notes

For fastening to mounting plates, etc.

symbola/symbol* alternative angle through using the removable stop. Opening angle (symbola/symbol/symbol/symbol*) can be changed by pressing in a stop pin on the clamp body.

For optical analysis applications.

Tips

Designed specifically for clamping of parts during photometric measurement. Uniform

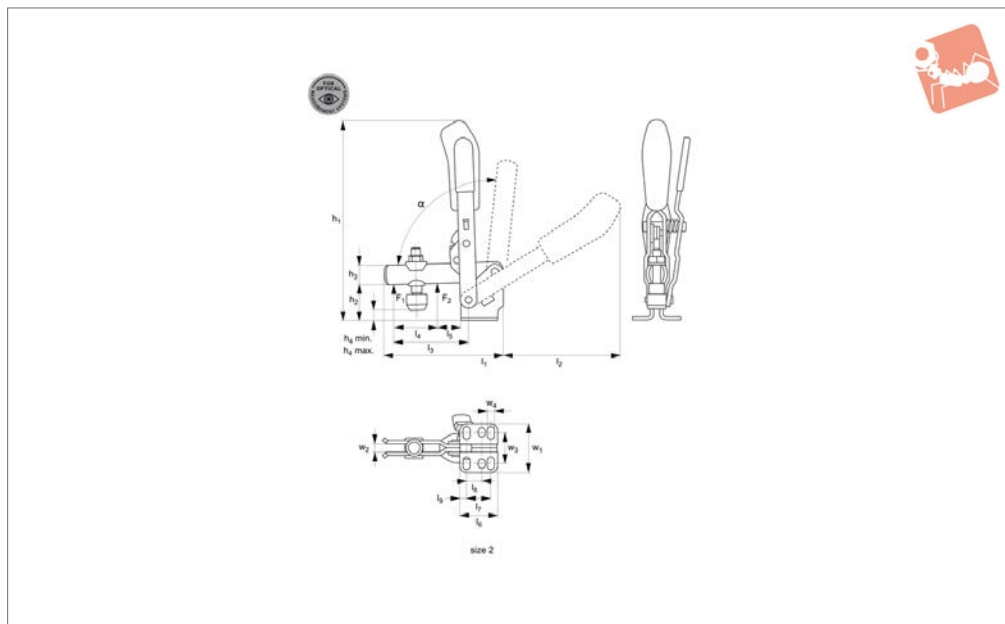
matt black surface prevents reflection, enabling easy „knocking-out“ of the clamp during optical analysis of a component.

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
40000.W0100	0	0.5	0.7	M 4x34,5	81	18	8	-4.0	6.5	49	50	32	60
40000.W0101	1	0.6	1.1	M 5x38,0	98	19	10	-3.7	1.6	61	58	39	105
40000.W0102	2	0.8	1.2	M 6x46,0	140	23	12	-4.4	4.4	78	89	52	175
40000.W0103	3	1.2	2.5	M 8x63,0	188	33	18	-2.8	7.0	112	112	79	410

Order No.	l ₄	l ₅	l ₆	l ₇	l ₈	l ₉	w ₁	w ₂	w ₃	w ₄	d ₁	α	α*
40000.W0100	14	5.5	22	8,5-13,5	5.5	-	4	32	23.0	-	4.5	95°	-
40000.W0101	18	6.0	27	16.0	5.5	-	5	34	22,5-26,0	-	4.5	95°	-
40000.W0102	25	11.0	32	20.0	6.0	12.5	6	43	23,0-31,0	27	5.5	105°	60°
40000.W0103	36	19.0	35	20.0	7.5	-	8	46	32.5	-	7.5	105°	60°



40010.2



Material

Body: steel matt black.
Bushes: case hardened and pre-lubricated.
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 clamping arm in

both the clamped and open position. This prevents opening under vibration or accidental movement of the clamping arm during assembly/disassembly of the fixture.

Opening angle (symbola/symbol/symbola/symbol*) can be changed by pressing in a stop pin on the clamp body.

For optical analysis applications.

Tips

Designed specifically for clamping of parts during photometric measurement. Uniform matt black surface prevents reflection, enabling easy „knocking-out“ of the clamp during optical analysis of a component.

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.W0005	2	1.0	1.2	M 6x46	139	23	12	-4.4	4.4	78	88	52	260

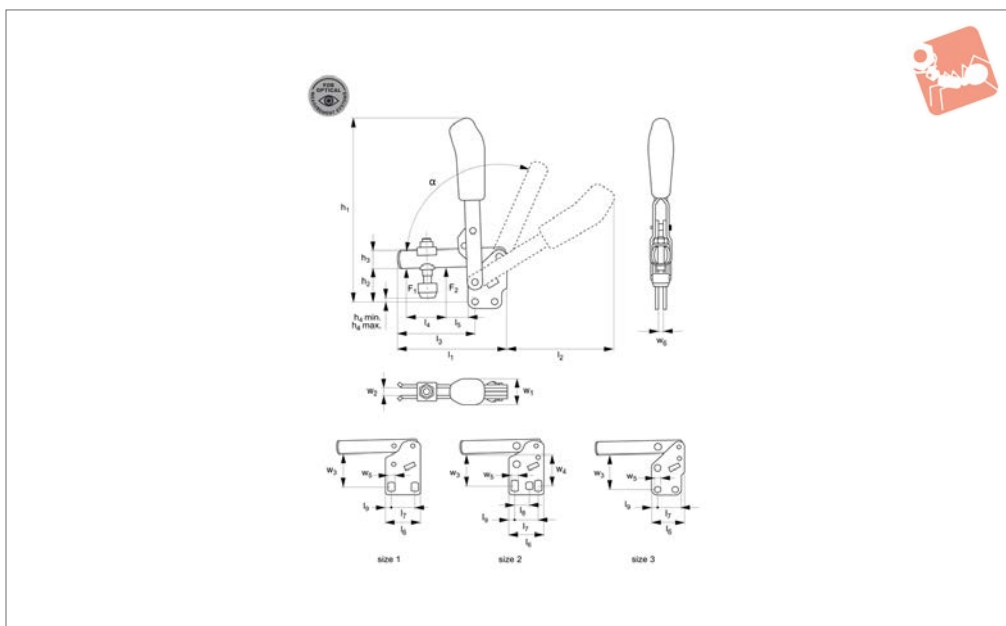
Order No.	l ₄	l ₅	l ₆	l ₇	l ₈	l ₉	w ₁	w ₂	w ₃	d ₁	α	α*
40010.W0005	26	11	32	20	6	12.5	6	43	23-31	5.5	105°	60°



Vertical Acting Toggle Clamps

open arm - vertical base - black

Optical Measuring Toggle



40050.2

OPTICAL MEASURING TOGGLE CLAMPS

Material

Body: steel matt black.
Bushes: case hardened and pre-lubricated.
Ergonomic soft feel, oil-resistant handle with large grip area.
Supplied complete with clamping screw (with rubber pad).

Technical Notes

For fastening to mounting plates, etc.
Opening angle (symbol α) can be changed by pressing in a stop pin on the clamp body.
For optical analysis applications.

Tips

Designed specifically for clamping of parts during photometric measurement. Uniform matt black surface prevents reflection, enabling easy „knocking-out“ of the clamp during optical analysis of a component.

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	l ₁	Weight g
40050.W0101	1	0.6	1.1	M 5x38	110.5	29	10	6.8	12	23,5-25,0	-	61	105
40050.W0102	2	0.8	1.2	M 6x46	114.5	38	12	10.5	19	28,5-32,0	30	78	175
40050.W0103	3	1.2	2.5	M 8x63	201.0	48	18	11.4	21	41.0	-	112	410

Order No.	l ₂	l ₃	l ₄	l ₅	l ₆	l ₇	l ₈	l ₉	w ₁	w ₂	w ₃	d ₁	α	α*
40050.W0101	58	39	18	6	27	16	5.5	-	5	19	5	4.5	95°	-
40050.W0102	80	52	25	11	32	20	6.0	12.5	6	21	5	5.5	105°	60°
40050.W0103	113	79	36	19	40	20	7.5	-	8	27	6	7.5	105°	60°