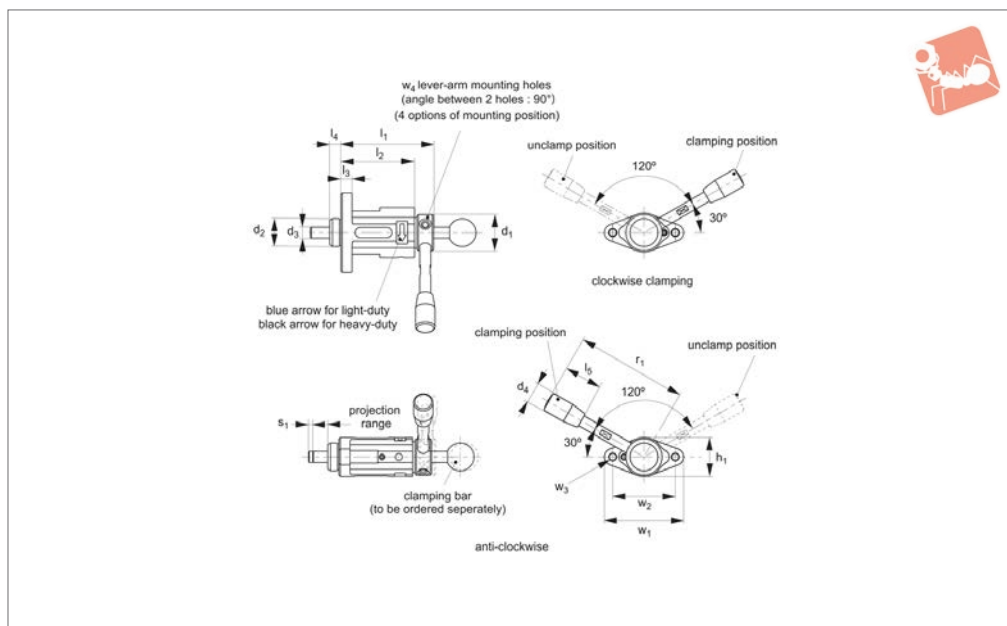




Vertical Acting Thrust Clamps

Adjustable Vertical Clamps



12615

ADJUSTABLE VERTICAL CLAMPS

Material

Body/lever arm: steel (C45), black oxide finish.

Cam: steel (C45), carburized-hardened, black oxide finish.

Handle: phenolic plastic, black matt. Clamping handle is not included.

Technical Notes

Can be used in both vertical and horizontal

clamping applications.

Spring-loaded clamp that provides constant clamping force.

Long clamping-bar projection range allows clamping of a recessed part.

When using your own clamping bar, ensure that the diameter is finished to a H9 or better tolerance.

Tips

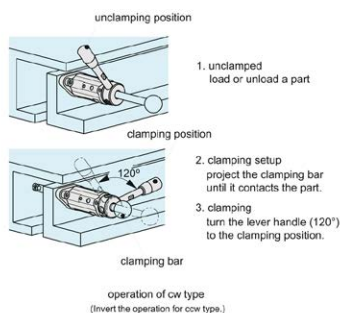
When a reaction force (F) becomes greater than clamping force, the clamping bar slides back, unclamping the part.

Order No.	Type	Clamping direction	d ₁	d ₂	d ₃	d ₄	h ₁	l ₁	l ₂	l ₃	Weight g
12615.W0008	Light Duty	Clockwise	26	20	8	14	28	68.5	53	8	330
12615.W0012	Light Duty	Clockwise	36	30	12	21	40	90.7	72	12	930
12615.W0208	Light Duty	Clockwise	26	20	8	14	28	68.5	53	8	330
12615.W0212	Light Duty	Clockwise	36	30	12	21	40	90.7	72	12	950
12615.W0108	Heavy Duty	Anti Clockwise	26	20	8	14	28	68.5	53	8	330
12615.W0112	Heavy Duty	Anti Clockwise	36	30	12	21	40	90.7	72	12	930
12615.W0308	Heavy Duty	Anti Clockwise	26	20	8	14	28	68.5	53	8	330
12615.W0312	Heavy Duty	Anti Clockwise	36	30	12	21	40	90.7	72	12	950

Order No.	l ₄	l ₅	r ₁	w ₁	w ₂	w ₃	w ₄	Clamping stroke s ₁	Handle load N max.	Clamping force kN max.	Clamping releasing force kN
12615.W0008	8	28	80	57	45	M 6x1 (Pre-drill 5,2)	M 5x0,8	1.5	40	0.2	F>0,2
12615.W0012	12	50	132	85	65	M10x1,5 (Pre-drill 8,5)	M 6x1	2.3	100	0.7	F<0,7
12615.W0208	8	28	80	57	45	M 6x1 (Pre-drill 5,2)	M 5x0,8	1.5	80	0.5	F>0,5
12615.W0212	12	50	132	85	65	M10x1,5 (Pre-drill 8,5)	M 6x1	2.3	150	1.4	F>1,4
12615.W0108	8	28	80	57	45	M 6x1 (Pre-drill 5,2)	M 5x0,8	1.5	40	0.2	F>0,2
12615.W0112	12	50	132	85	65	M10x1,5 (Pre-drill 8,5)	M 6x1	2.3	100	0.5	F<0,7
12615.W0308	8	28	80	57	45	M 6x1 (Pre-drill 5,2)	M 5x0,8	1.5	80	0.5	F>0,5



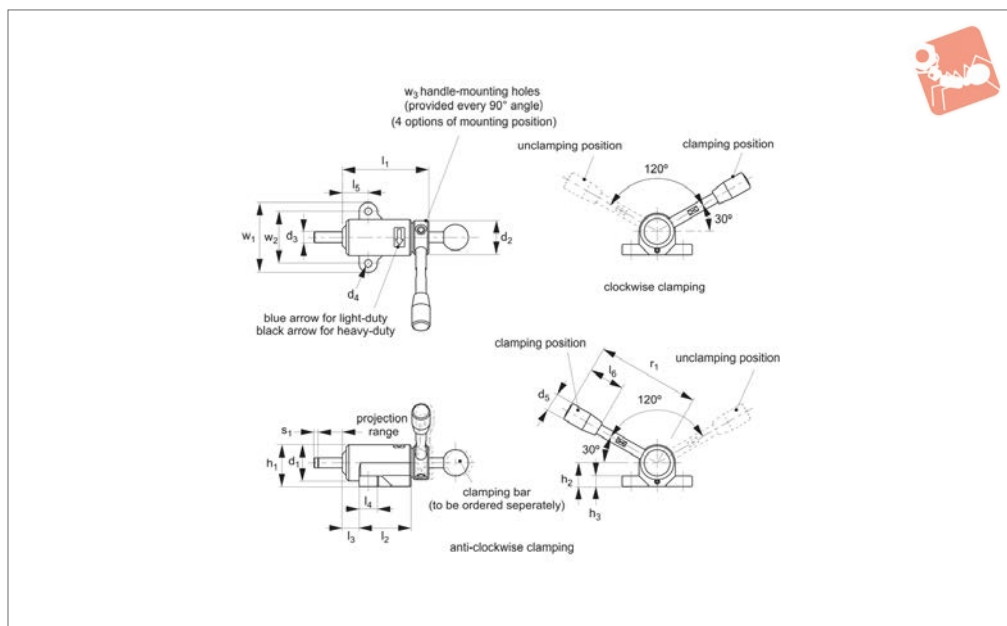
Order No.	l_4	l_5	r_1	w_1	w_2	w_3	w_4	Clamping stroke s_1	Handle load N max.	Clamping force kN max.	Clamping releasing force kN
12615.W0312	12	50	132	85	65	M10x1,5 (Pre-drill 8,5)	M 6x1	2.3	150	1.4	F>1,4





Horizontal Thrust Clamps

Adjustable Vertical Clamps



12616.1

ADJUSTABLE VERTICAL CLAMPS

Material

Body/lever arm: steel (C45), black oxide finish.

Cam: steel (C45), carburized-hardened, black oxide finish.

Handle: phenolic plastic, black matt.

Technical Notes

Can be used in both vertical and horizontal

clamping applications.

Spring-loaded clamp that provides constant clamping force.

Long clamping-bar projection range allows clamping of a recessed part.

When using your own clamping bar, ensure that the diameter is finished to a H9 or better tolerance.

Tips

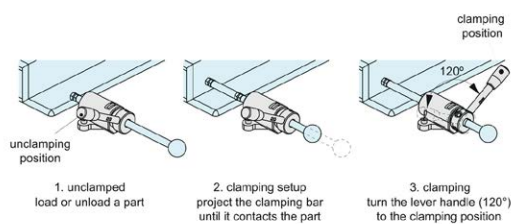
When the applied u-clamp force (F) becomes greater than clamping force, the clamping bar slides back, unclamping the part.

Order No.	Type	Clamping direction	d ₁	d ₂	d ₃	d ₄	d ₅	h ₁	h ₂	h ₃	Weight g
12616.W0008	Light Duty	Clockwise	28	26	8	5.5	14	32	18	8	330
12616.W0012	Light Duty	Clockwise	40	36	12	9.0	21	45	25	12	910
12616.W0208	Heavy Duty	Clockwise	28	26	8	5.5	14	32	18	8	330
12616.W0212	Heavy Duty	Clockwise	40	36	12	9.0	21	45	25	12	910
12616.W0108	Light Duty	Anti Clockwise	28	26	8	5.5	14	32	18	8	330
12616.W0112	Light Duty	Anti Clockwise	40	36	12	9.0	21	45	25	12	910
12616.W0308	Heavy Duty	Anti Clockwise	28	26	8	5.5	14	32	18	8	330
12616.W0312	Heavy Duty	Anti Clockwise	40	36	12	9.0	21	45	25	12	910

Order No.	l ₁	l ₂	l ₃	l ₄	l ₅	l ₆	r ₁	w ₁	w ₂	w ₃	Clamping stroke s ₁	Handle load N max.	Clamping force kN max.	Clamping releasing force kN
12616.W0008	68.5	40	13	14	20	28	80	54	40	M 5x0,8	1.5	40	0.2	F>0,2
12616.W0012	93.7	55	20	20	30	50	132	80	60	M 6x1	2.3	100	0.7	F>0,7
12616.W0208	68.5	40	13	14	20	28	80	54	40	M 5x0,8	1.5	80	0.5	F>0,5
12616.W0212	93.7	55	20	20	30	50	132	80	60	M 6x1	2.3	150	1.4	F>1,4
12616.W0108	68.5	40	13	14	20	28	80	54	40	M 5x0,8	1.5	40	0.2	F>0,2
12616.W0112	93.7	55	20	20	30	50	132	80	60	M 6x1	2.3	100	0.7	F>0,7



Order No.	l_1	l_2	l_3	l_4	l_5	l_6	r_1	w_1	w_2	w_3	Clamping stroke s_1	Handle load N max.	Clamping force kN max.	Clamping releasing force kN
12616.W0308	68.5	40	13	14	20	28	80	54	40	M 5x0,8	1.5	80	0.5	F>0,5
12616.W0312	93.7	55	20	20	30	50	132	80	60	M 6x1	2.3	150	1.4	F>1,4

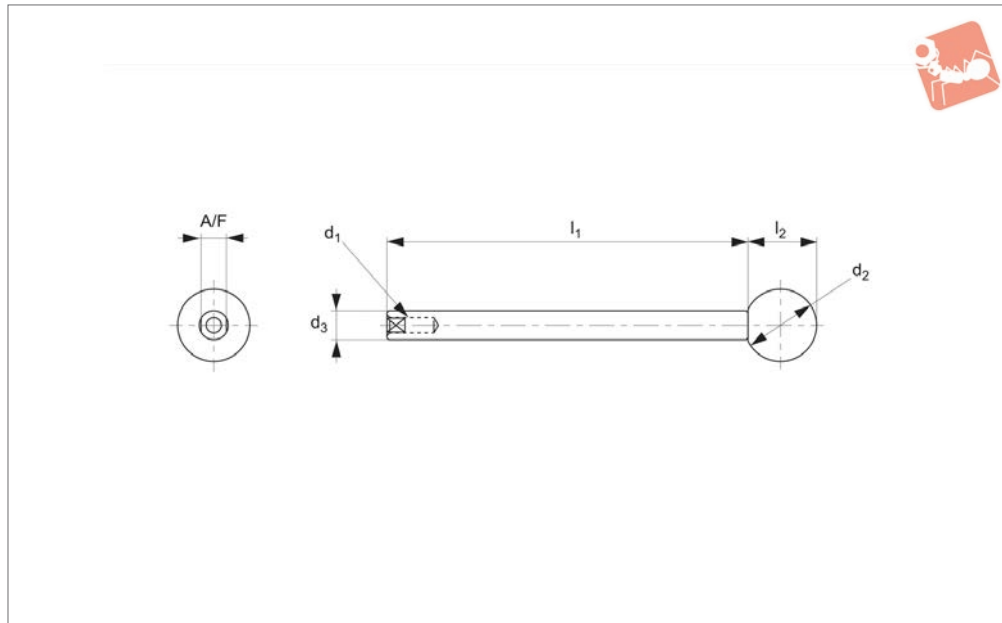


operation of cw type
(invert the operation for ccw type)



Handles For Thrust Clamps for 12615 & 12616

Adjustable Vertical Clamps



12616.2

ADJUSTABLE VERTICAL CLAMPS

Material

Arm: steel (C45), chrome plated.
Ball knob: ABS resin black.

Tips

Can be used with part no's 12615 and 12616.W0008- .W0312.

Order No.	d ₁	d ₂	d ₃	l ₁	l ₂	A/F	Weight g
12616.W0810	M 4x8	20	8	100	19	7	50
12616.W0812	M 4x8	20	8	125	19	7	60
12616.W0815	M 4x8	20	8	150	19	7	70
12616.W1212	M 6x12	25	12	125	24	10	130
12616.W1215	M 6x12	25	12	150	24	10	150
12616.W1220	M 6x12	25	12	200	24	10	190

