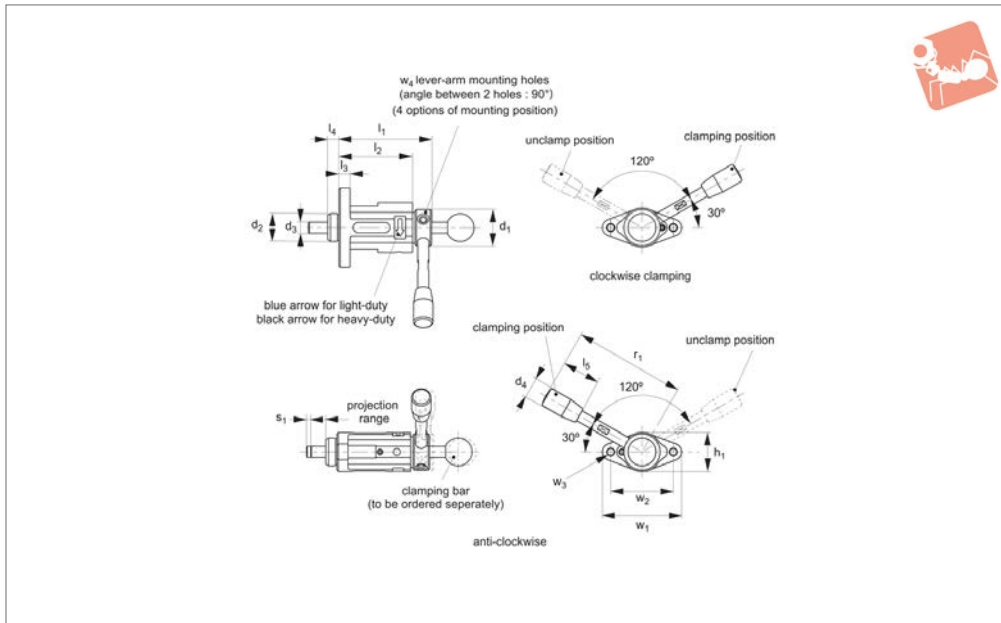




Vertical Acting Thrust Clamps

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 |

ADJUSTABLE VERTICAL CLAMPS

