



12130

LOW PROFILE SIDE CLAMPING

Material

Channel: aluminium, anodised (7075-T6).
Wedge and screw: steel, hardened and blackened.

Technical Notes

Holds two parts with an equal clamping action. Very effective for multiple workpiece clamping. Can easily be used with hydraulic pull cylinders. Can be used to

clamp round bar, as long as centre line of clamp is above the centre line of the workpiece.

Tips

Clockwise rotation is recommended. The workpiece should be on the right of the clamp. For replacement cam screws see parts 12112.

Important Notes

Dimension w_2 is the distance needed between workpieces for clamp clearance. Drill and tap mounting hole on the centre of this dimension.

"*" a milled slot wider than d_1 will ensure the clamp remains in line with the workpiece. Clamp sides should not come into contact with slot walls during expansion.

| Order No. | d_1 | d_2 | h_1 | h_2 | h_3 | l_1 | w_1 | w_2 | Spread max. | A/F | Torque to Nm max. | Qty/pack | Holding force kN | Weight g |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|------|-------------------|----------|------------------|----------|
| 12130.W0001 | 5.3 | M 2 | 6.9 | 6.40 | 3.6 | 8.1 | 6.1 | 6.4 | 6.7 | 1.5 | 0.7 | 6 | 0.88 | 45 |
| 12130.W0002 | 7.9 | M2,5 | 9.7 | 9.50 | 4.7 | 11.9 | 9.1 | 9.5 | 10.0 | 2.0 | 1.5 | 6 | 1.35 | 68 |
| 12130.W0004 | 10.4 | M 4 | 14.5 | 12.70 | 5.6 | 15.9 | 12.3 | 12.7 | 13.2 | 3.0 | 3.4 | 8 | 2.23 | 100 |
| 12130.W0006 | 16.1 | M 6 | 19.0 | 19.05 | 9.5 | 23.8 | 18.6 | 19.0 | 20.3 | 5.0 | 13.5 | 6 | 6.68 | 222 |
| 12130.W0008 | 20.8 | M 8 | 25.9 | 25.40 | 12.7 | 31.7 | 24.8 | 25.4 | 26.9 | 6.0 | 25.0 | 4 | 11.13 | 340 |
| 12130.W0012 | 30.8 | M12 | 38.6 | 38.10 | 19.0 | 47.6 | 37.3 | 38.1 | 39.9 | 10.0 | 38.4 | 2 | 15.58 | 612 |
| 12130.W0016 | 41.2 | M16 | 51.5 | 50.80 | 25.4 | 63.5 | 49.7 | 50.8 | 53.0 | 14.0 | 74.6 | 2 | 26.70 | 1404 |

