



12020

LOW PROFILE SIDE CLAMPING

Material

Steel, mild.

Technical Notes

Used to machine and hold irregular or round parts.

Dimension „w₂“ is the amount of machinable stock. Dimension „s₂“ is the distance to drill and tap hole from edge of workpiece to use flat face.

Tips

Suitable for holding flat, round or irregular shaped workpieces, the mild steel washer

can easily be machined to match the profile of a component.

Supplied with cam screws, and one machining screw to hold clamp during machining of clamp face to fit profile of the component.

Important Notes

1. Drill and tap hole in required location, refer to dimension „s₂“ if using the clamp flat face.
2. Clear drill 1,5mm deep.
3. Using the special machining screw

supplied (identifiable by NOT having a cam action), insert and tighten the steel washer.

4. Machine the washer to conform with profile of the workpiece.
5. Exchange the machining screw for a cam screw, load the component and clamp with cam screw.
6. CAUTION: Never assume clamp is tight, always check the tightened clamp prior to machining.

| Order No. | d ₁ | h ₁ | h ₂ | Clamping force kN max. | Stroke s ₁ | Stroke s ₂ | w ₁ | w ₂ | A/F | Torque to Nm max. | Qty/pack | Weight g |
|-------------|----------------|----------------|----------------|------------------------------|-----------------------|-----------------------|----------------|----------------|-----|-------------------------|----------|-------------|
| 12020.W0006 | M 6 | 6.4 | 11.9 | 3.4 | 1.0 | 7.8 | 24.9 | 6.4 | 4 | 8.5 | 4 | 100 |
| 12020.W0010 | M10 | 8.9 | 18.0 | 8.9 | 1.5 | 10.2 | 31.2 | 7.0 | 7 | 28.0 | 4 | 236 |
| 12020.W0012 | M12 | 11.4 | 22.9 | 17.8 | 2.0 | 12.7 | 37.6 | 7.6 | 8 | 88.0 | 4 | 435 |
| 12020.W0016 | M16 | 14.0 | 28.6 | 26.7 | 2.5 | 15.0 | 43.9 | 8.9 | 12 | 135.0 | 4 | 748 |

