



### 12032

LOW PROFILE SIDE CLAMPING

#### Material

Tool: steel, heat treated to HRC 43, machinable.

Screw: steel and oil resistant nitrile rubber.

O-ring: plastic.

#### Technical Notes

A machinable version of the standard pitbull clamps.

Provides positive down force and a very low grip height.

High vertical and horizontal clamping forces.

Hardness: approx. 45HRC

#### Tips

There is additional material of the clamp-

ping face to allow machining of a radius. Often used with part no. 12034 Talongrip or part no. 12036 Versagrip.

#### Important Notes

Installation:

1. Machine face of clamp to suit profile of component, taking note of dimension „s<sub>1</sub>“ as the max. recommended stock removal. A dowel pin is included in each pack to locate the clamp whilst machining the face. After machining of face, remove pin and install O-ring to clamp workpiece.
2. Machine a slot for the pitbull clamp in the fixture, according to dimensions „l<sub>2</sub>“ and „h<sub>2</sub>“.
3. Drill and tap a fixing hole to match

screw size, refer to dimension „l<sub>1</sub>“ for distance of hole from the component.

4. Assemble clamp as shown in the diagram above.

5. Position the clamp, and loosely screw to fix.

6. Load the component and tighten the cap screw.

Dimension „h<sub>2</sub>“ is the minimum recommended clamping height.

Order No.	Qty/pack	d <sub>1</sub>	Stroke max.	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	l <sub>1</sub>	l <sub>2</sub>	s <sub>1</sub>	Dowel pin dia.	Torque to Nm max.	Holding force kN	Weight g
12032.W0570	4	M10	1.27	11.43	6.4	18.0	10.16	25.4	1.5	3.18	40	26	263
12032.W0580	2	M12	1.90	16.26	9.5	19.6	15.24	38.1	4.5	6.35	145	50	463

