



Special Use Clamps

Edge Clamps

Single Acting Standard And Manifold Mount

- Low profile allows you to slab mill over the clamp on most parts.
- Downward clamping angle of the blade yields both horizontal and vertical force pushing your part firmly against locators and the work surface.
- Three way porting makes plumbing multiple clamps easy without tees or additional manifolds.
- Manifold mount design uses O-ring face seal for simple bolt down installation.
- Unique center hole mounting and thrust bushing make this device ideal for quick set-up T-slot mounting.



U.S. Patent
No. 5,690,546

E-7

Hardened Chrome alloy steel blade grips the part while the unique design angle provides both horizontal and vertical clamp force.

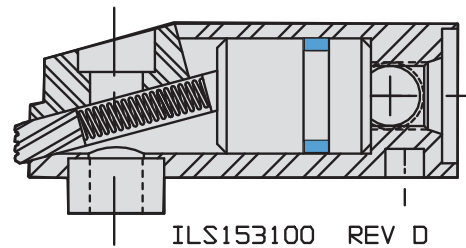
Three SAE 4 fluid ports on standard model, O-ring bolt down face seal on the manifold model simplify leak free installation.

BHC™ (Black Hard Coating) on the cylinder bodies helps prevent scoring and scratching.

Specially designed springs run longer, require less maintenance.

Pivot locator/thrust bushing provided.

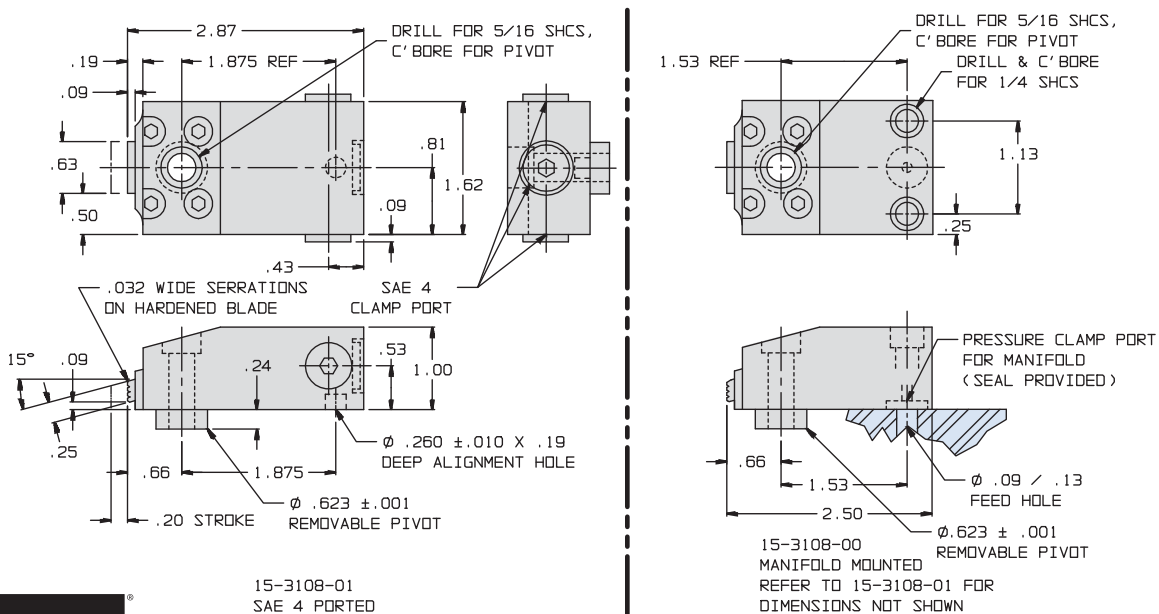
Proprietary seal designs reduce leakage for long lasting cylinders.



For proper sealing, mating surface must be flat within 0.003 in. with a maximum 63 μ in. R_a surface finish.

Model No.	Plumbing Style	Clamp Force (lb.)*		Effective Horizontal Stroke	Vertical Blade Movement	Body Size	Piston Area (sq. in.)	Oil Capacity (cu. in.)	Approximate Pressure to Extend
		Horizontal	Vertical						
Single Acting (S/A)									
Cylinders, actuated hydraulically 1 direction, spring returned									
15-3108-01	SAE Ported	2000	500	0.20	0.06	1.62 x 2.88	0.442	0.09	200 psi
15-3108-00	Manifold	2000	500	0.20	0.06	1.62 x 2.50	0.442	0.09	200 psi

* Cylinder capacities are listed at 5,000 psi maximum operating pressure. The output force is adjustable by varying hydraulic system pressure. (Actual force may vary slightly due to friction loss, seal and wiper drag, and/or return springs.)



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