

Parts List for:

110191
110192
110193

Single-acting (Upper Flange - Manifold Mount)

SWING / PULL CLAMP

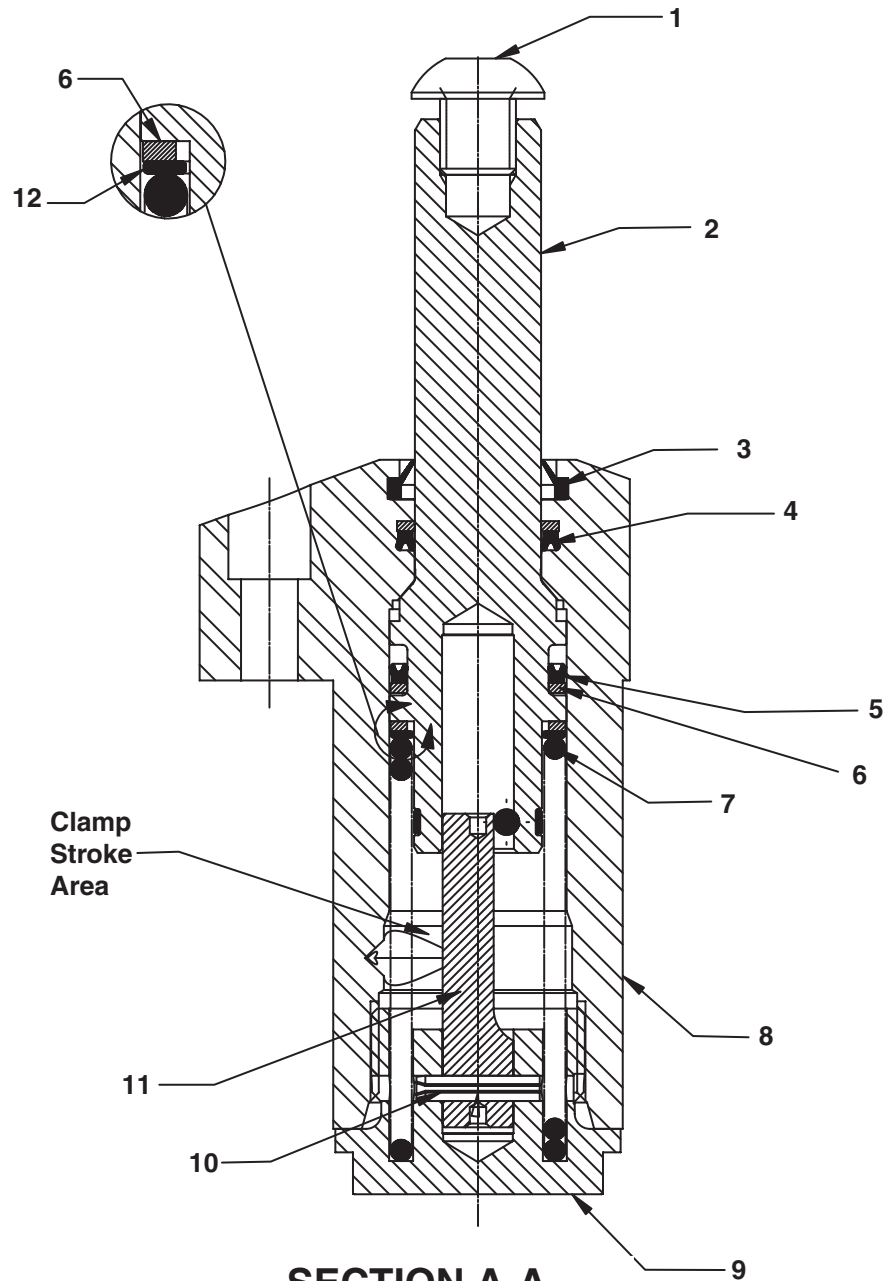
Max. Capacity: 1,200 lbs. Clamping Force (with 1-1/2" lg. arm) at 5,000 PSI

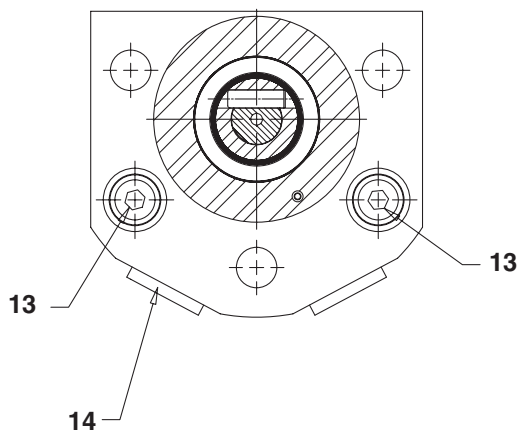
110191 - Left Hand, 11/32" Stroke

110192 - Right Hand, 11/32" Stroke

110193 - Straight Pull, 11/32" Stroke

The piston rod U-cup seal (Item 4) can be easily twisted if installed incorrectly. Before installing the piston rod (Item 2) lubricate the rod and all seals with hydraulic oil. Install the rod with light pressure and a twisting motion as the seal is first contacted.





BOTTOM VIEW

Item No.	Part No.	No. Req'd	Description
1	251445	1	Screw, Button Hd. (3/8-16 x 3/8)
2	360156	1	Piston Rod
3	*260141	1	Rod Wiper
4	*260143	1	U-cup
5	*260140	1	U-cup
6	*260136	2	Backup Washer (.86 x .68)
7	260070	1	Spring (.86 OD x 2.98 x x 10 WS)
8	66574	1	Body
9	360083	1	Cap, End
10	260144	1	Pin, Spring (.13 x .60)
11	360091	1	Rotating Cam (Left Hand† 90° for 110191)
	360092	1	Rotating Cam (Right Hand† 90° for 110192)
	360090	1	Rotating Cam (Straight Pull for 110193)
12	260142	1	Washer, Special (.86 x .65)
13	253089	2	Fitting, Plug (5/16-24)
14	250883	2	Fitting, Plug (7/16 SAE)

NOTE: Flat of cam (clamp stroke area) to be opposite of body port.
Grease roller in piston rod (Item #2) and cam with a light coating of CDM Extreme Pressure Lube #3.

PARTS INCLUDED BUT NOT SHOWN

251738	1	Plug w/filter
260145	2	O-Ring (.43 x .18 Nitrile)

Part numbers marked with an asterisk (*) are contained in Repair Kit No. 300611.

†Right hand rotation is clockwise rotation when viewed from the piston rod end.
Left hand is counterclockwise rotation. To reverse clamp rotation, order the appropriate rotating cam.

Refer to any operating instructions included with this product for detailed information about operation, testing, disassembly, reassembly, and preventive maintenance.

Items found in this parts list have been carefully tested and selected. **Therefore: Use only genuine Hytec replacement parts!**

Additional questions can be directed to our Technical Services Department.