

Parts List for:

100895
100896
100897

**SINGLE-ACTING, MANIFOLD MOUNT
SWING / PULL CLAMP**

Max. Capacity: 2,300 lbs. Clamping Force (with 2" lg. arm) at 5,000 PSI Max.

100895 - Left Hand, 1/2" Stroke

100896 - Right Hand, 1/2" Stroke

100897 - Straight Pull, 1/2" Stroke

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.

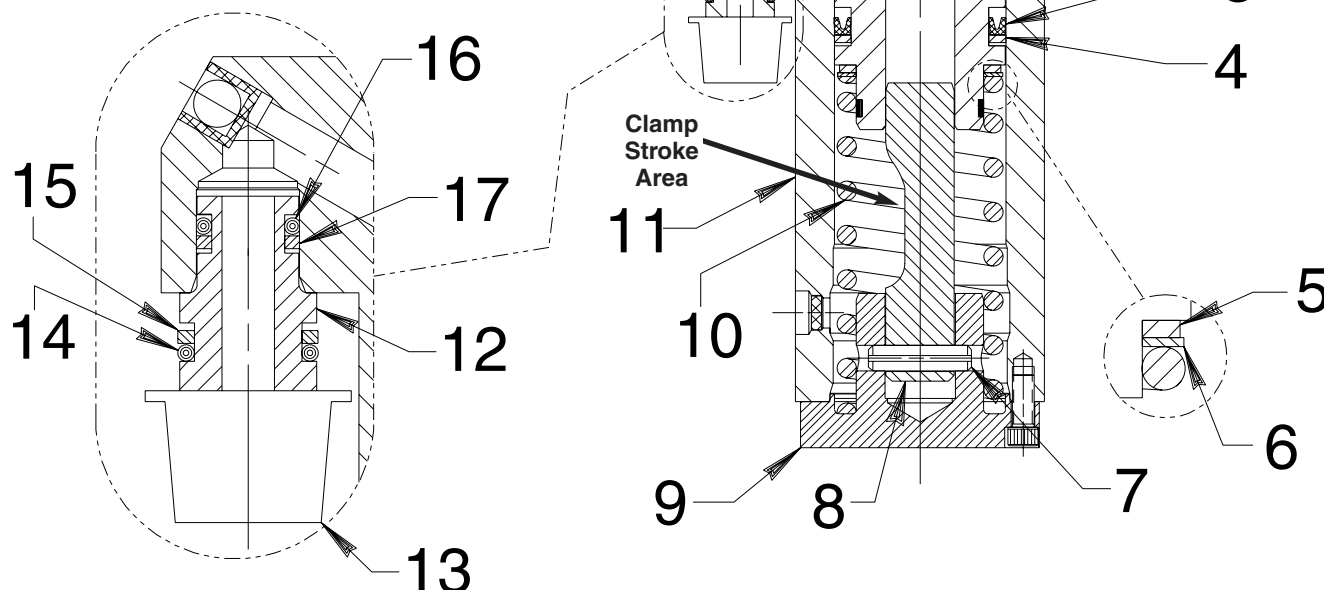
Therefore: Use only genuine Hytec replacement parts!

Additional questions can be directed to our Technical Services Department.

IMPORTANT!

Carefully compare teflon washers (Items 4 and 5). Item 4 is the larger of the two washers (both inside and outside diameters). **DO NOT REVERSE!**

The piston rod U-cup seal (Item 18) 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.

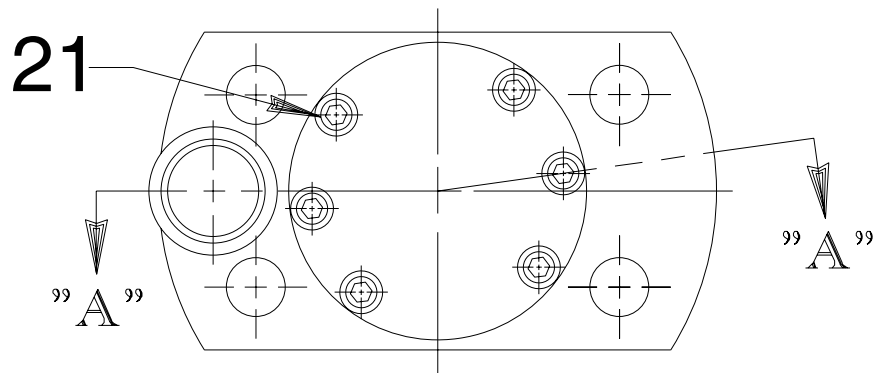


SECTION A-A

Sheet No. 1 of 2

Rev. 1

Date: 10 June 1998



BOTTOM VIEW

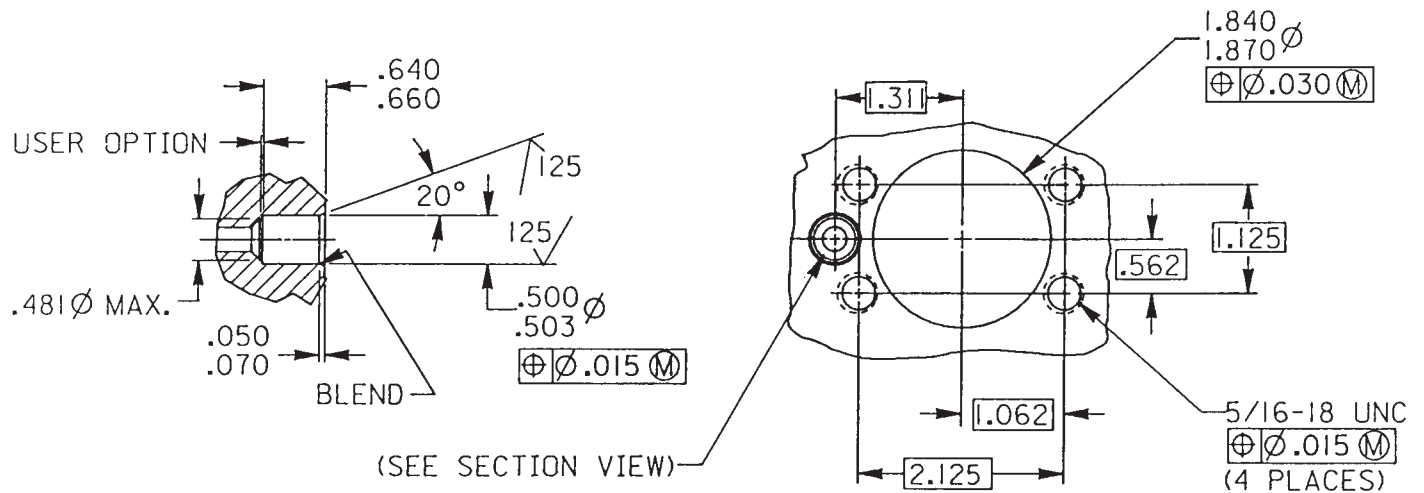
Item No.	Part No.	No. Req'd	Description	
1	251648	1	Soc. Hd. Cap Screw (1/2-20 UNC X 3/4 Lg.; Torque to 40/60 ft. lbs.)	
2	351042	1	Piston Rod	
3	*250620	1	Vee Block Packing	
4	*250621	1	Teflon Backup Washer	
5	*210364	1	Teflon Backup Washer	
6	*251100	1	Special Steel Washer (NOTE: Assemble washer with larger radii towards teflon washer (Item No. 5); Must be grease and oil free.)	
7	10782	1	Slotted Spring Pin (3/16 dia. x 3/4 Lg.)	
8	350397	1	Rotating Cam (Right Hand† 90° for 100896)	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.
	350912	1	Rotating Cam (Right Hand† 30°)	
	350913	1	Rotating Cam (Right Hand† 45°)	
	350914	1	Rotating Cam (Right Hand† 60°)	
	350398	1	Rotating Cam (Left Hand† 90° for 100895)	
	350915	1	Rotating Cam (Left Hand† 30°)	
	350916	1	Rotating Cam (Left Hand† 45°)	
	350917	1	Rotating Cam (Left Hand† 60°)	
	350343	1	Rotating Cam (Straight Pull for 100897)	
9	420922	1	End Cap	
10	250619	1	Compression Spring (1.210 O.D. x 3.540 Lg.)	
11	351062	1	Swing Clamp Body	
12	351041	1	Connector Bushing	
13	11967	1	Tapered Cap Plug	
14	*10268	1	O-ring (1/2 X 3/8 X 1/16, -012)	
15	*11863	1	Backup Washer	
16	*12184	1	Backup Washer	
17	*10266	1	O-ring (3/8 X 1/4 X 1/16, -010)	
18	*250480	1	V-cup	
19	*250479	1	Backup Washer	
20	*250478	1	Rod Wiper	
21	15139	6	Hex Soc. Hd. Cap Screw (6-32 UNC X 1/2 Lg.; Torque to 30-40 in. lbs.)	

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.

Note: Shaded areas reflect last revision(s) made to this form.

INSTALLATION INSTRUCTIONS

**NOTE:**

TORQUE MOUNTING SCREWS
200 IN. LBS. MIN.

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