

# SPX HYTEC® Swing/Pull Clamp - Manifold Mount - Upper Flange Style - 750lbs.

Swing/Pull Clamp - Manifold Mount - Upper Flange Style - 750 lbs.

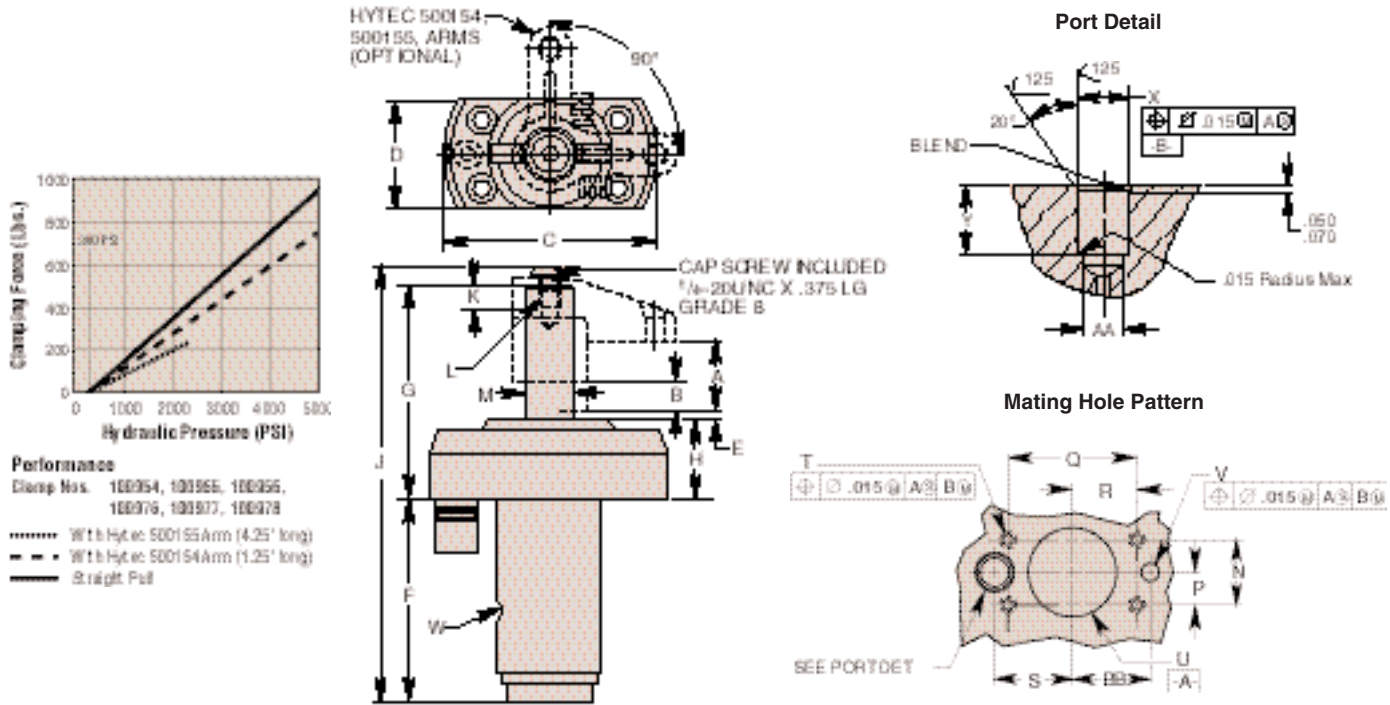
100954



### Features

- Unique connector bushing provides positive mating with fixture, reducing the potential for leakage or weeping.
- Simple cavity design eliminates need for threaded holes in mating surfaces
- Manifold design eliminates external plumbing and reduces fixture height
- "Live Roller" design provides industry's most reliable swing/pull mechanism
  - o Piston/Cam combination provides solid path for clamping action
  - o Typical ball and groove mechanism has higher potential for clogging and for damage from mis-aligned work pieces

- Available in single and double acting versions
- Special rod wiper seal protects internal clamp components
- Unique drainage system channels contaminants away from clamp
- Corrosion resistant construction
- Heat treated, chrome plated piston rod
- Manifold mountable
- Unique "Live Roller" swing mechanism for increased service life
- Power-Tech™ treated body and hardened cam for long wear and corrosion resistance
- Single- or double-acting
- Straight pull capacity 950 lbs. at 5,000 psi maximum



Cat. No.	Oper.	Specifications			Dimensions (In Inches)									
		Swing Direction	*Force (Lbs.)	Eff. Area (Sq.In.) Clamp    Unclamp	Oil Cap. (Cu. In.)	A Total Stroke	B Clamping Stroke	C Dia.	D	E	F	G	H	J
100954	Single-Acting	Left Hand (Counter Clockwise)	750	.195	.160	.818	.345	2.817	1.440	.108	2.392	2.520	.935	5.139
100955		Right Hand (Clockwise)												
100956	Straight Pull													
100976	Left Hand (Counter Clockwise)													
100977	Double-Acting	Right Hand (Clockwise)	.441	.906	1.091	10-24 UNC	1.223	1.253	.250	-	.500	.640	.481	-
100978		Straight Pull												

Cat. No.	Dimensions (In Inches)																
	K Thread Min.	L Thread Size	M Dia. ††	N Mounting	P Mounting	Q Mounting	R Mounting	S Mounting	T Thread Size	U Dia.	V	W	X Dia.	Y	AA Dia. Max.	BB Mounting	
100954	.275	1/4-20 UNC	.560	.906	.453	1.812	.906	1.091	10-24 UNC	1.223	1.253	.250	-	.500	.640	.481	-
100955																	
100956																	
100976																	
100977																	
100978																	

NOTE: \* With 1.25" long arm at 5,000 psi maximum operating pressure. †† Surface finish to be 63. Finish of 125 acceptable with concentric tool marks only. Finish area to be .500 Dia. min. centered on .250 Dia. port hole. See operating instructions for additional details.

† Do not pressurize - single-acting only.  
 †† See page 59 for custom arm mounting. Internal cam may be removed for an unguided straight pull