

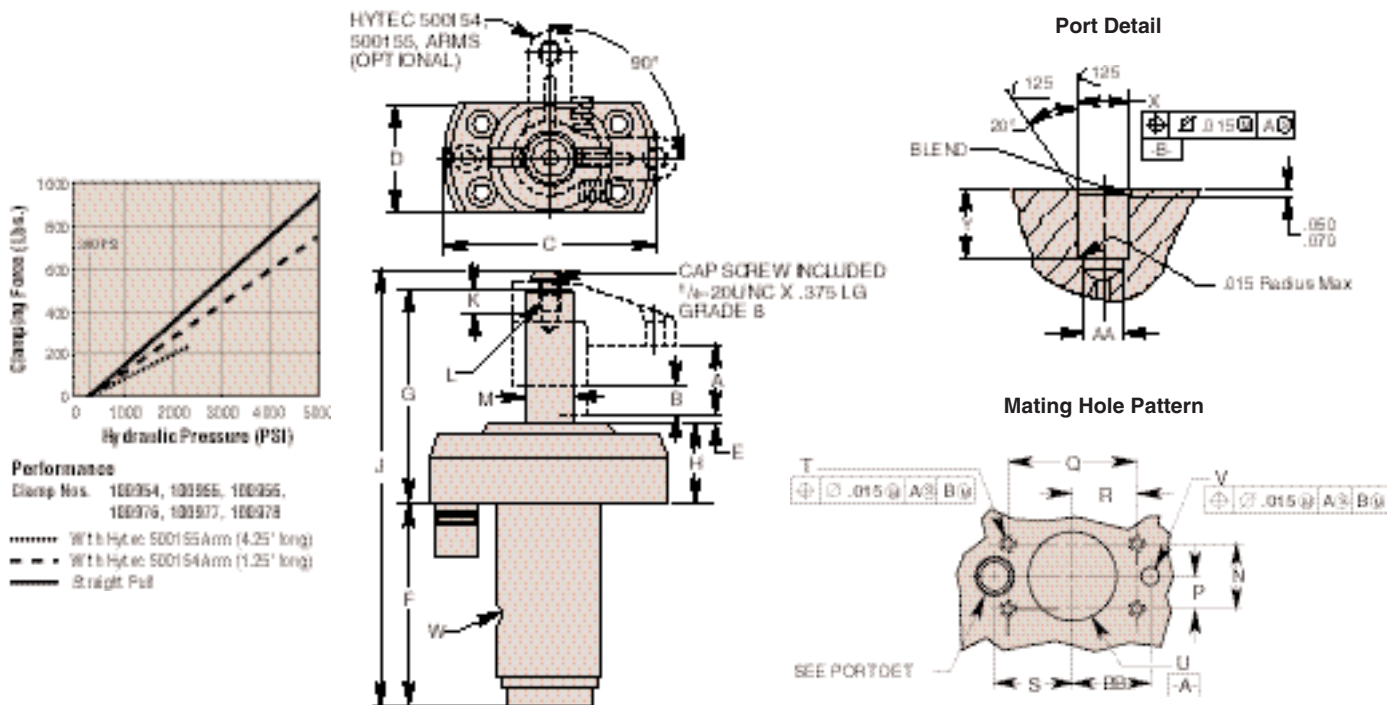
100954



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.)		Oil Cap. (Cu. In.)	A Total Stroke	B Clamping Stroke	C Dia.	D	E	F	G	H	J
				Clamp	Unclamp										
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	Double-Acting	Left Hand (Counter Clockwise)			.441										
100977		Right Hand (Clockwise)													
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	¼-20 UNC	.560	.906	.453	1.812	.906	1.091	10-24 UNC	1.223 1.253	—	† Vent	.500 .503	.640 .660	.481	—
100955																
100956																
100976																
100977											††.250	—		1.091		
100978																

NOTE: * With 1.25" long arm at 5,000 psi maximum operating pressure.
† Do not pressurize - single-acting only.
†† See page 59 for custom arm mounting. Internal cam may be removed for an unguided straight pull

††† 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.