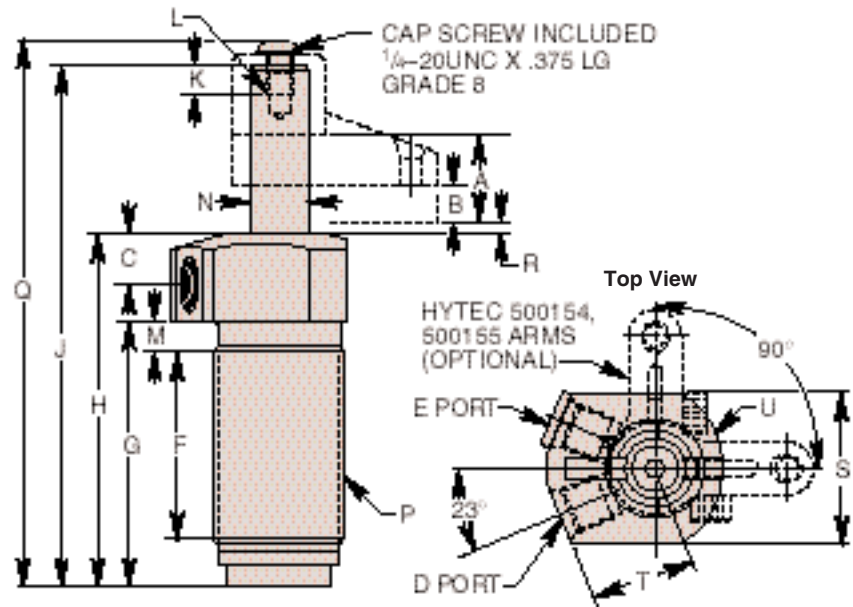


**Features:**

- Full thread provides wide range of precise height adjustment
  - Simple installation/removal
  - “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
  - Unique “Live Roller™” swing mechanism for increased service life
  - Power-Tech™ treated body and hardened cam for long wear and corrosion resistance
  - Single and double acting models are dimensionally interchangeable
  - Straight pull cap. 950 lbs. at 5,000 psi max (without arms).



Cat. No.	Specifications					Dimensions (In Inches)							
	Oper.	Swing Direction	*Force (Lbs.)	Eff. Area (Sq. In.)		Oil Cap. (Cu. In.)		A Total Stroke	B Clamping Stroke	C	D Clamp Port	E Unclamp Port	F
				Clamp	Unclamp	Clamp	Unclamp						
100945	Single-Acting	Left Hand (Counter Clockwise)	750	.195	-	.160	.818	.345	.492	7/16-20UNF SAE-4	Breather Plug 7/16-20UNF SAE-4†	1.770	
100946		Right Hand (Clockwise)											
100947		Straight Pull											
100948	Double-Acting	Left Hand (Counter Clockwise)	750	.441	.360	.818	.345	.492	7/16-20UNF SAE-4	Breather Plug 7/16-20UNF SAE-4†	1.770		
100949		Right Hand (Clockwise)											
100950		Straight Pull											

Cat. No.	Dimensions (In Inches)												
	G	H	J	K Thread Min.	L Thread Size	M	††N Dia.	P Thread Size	Q	R	S	T	U Radius
100945													
100946													
100947													
100948	2.497	3.327	4.912	.275	1/4-20UNC	.283	.560	1 1/4-12UNF	5.139	.108	1.428	.995	.823
100949													
100950													

**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.  
 See page 58 for maximum operating speeds.