

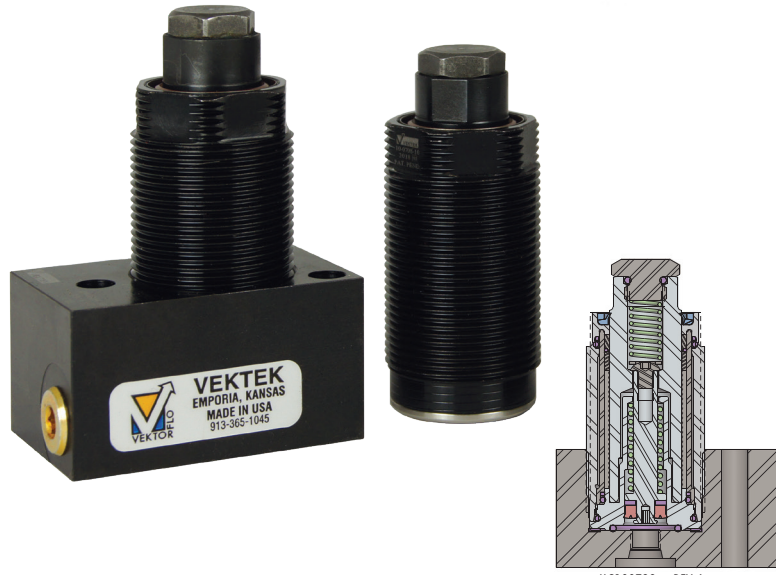
## **NEW!** Replace older models with higher capacity cartridges or complete with bases!

Direct replacement for 1000 Lb. & 2500 Lb. Models

Plungers stay retracted during part loading. Hydraulic pressure advances the plunger exerting only spring force as it makes contact with the part. Hydraulic pressure then automatically sequences, "freezing" the plunger, to properly support the part.

- Available in 1800 or 3500 lb. capacity.
- Order with base or cartridge only.
- Ventless configuration and built in wipers protect the plunger movement from chips and debris.
- Up to 3X capacity of competitor's version.
- Uses Vektek's BHC technology to guard against corrosion.
- O-ring face seal design makes machining cavities easier.

Standard SAE porting and alternate o-ring manifold face seal is located in the base of the support for bolt down installation. The base can be removed for direct cartridge mounting.



11S100729 REV 4  
U.S. PATENT NO. 5,957,443  
PATENT PENDING

### Specifications

Model No.	Direct Replacement for Older Model	Support Capacity (lb.)*	Mounting Style***	Contact Force (lb.)	Stroke (in.)	Base Dimensions (in.)	Retracted Height (in.)	Oil Capacity (cu. in.)**
<b>Fluid Advance Work Supports, hydraulic pressure pushes a spring which lifts plunger, hydraulic pressure locks in place.</b>								
10-0706-10	10-0706-04	1800	Cartridge	1-6	0.25	N/A	2.14	0.06
10-0806-10	10-0806-05	1800	SAE/Manifold	1-6	0.25	0.90 X 1.31 X 1.75	2.51	0.08
10-0708-10	10-0708-07	3500	Cartridge	3-10	0.25	N/A	2.85	0.12
10-0808-10	10-0808-07	3500	SAE/Manifold	3-10	0.25	1.25 X 1.50 X 2.31	3.25	0.15

### Long Stroke Models Coming Soon--Call for availability

Model No.	Direct Replacement for Older Model	Support Capacity (lb.)*	Mounting Style***	Stroke (in.)
<b>Fluid Advance Work Supports, hydraulic pressure pushes a spring which lifts plunger, hydraulic pressure locks in place.</b>				
<b>Coming Soon</b>	10-0706-14	1800	Cartridge	0.50
	10-0806-15	1800	SAE/Manifold	0.50
	10-0708-17	3500	Cartridge	0.50
	10-0808-17	3500	SAE/Manifold	0.50

\* Support capacities are listed at 5,000 psi maximum pressure. Support capacities for other pressures are shown in the fluid advance High Capacity and Part Present Sensing load capacity chart.  
 \*\* Restrict flow rate to a maximum of 130 cu. in./minute.  
 \*\*\* For cartridge mount models, see cavity dimensions drawings in this catalog section.  
 \*\*\*\* For complete dimensions, see fluid advance work support section (B) in the Precision Hydraulic Clamping Inch catalog.

**NOTE:** The maximum system back-pressure a fluid advance work support can overcome is 10 psi. Returning back-pressure greater than 10 psi may cause slow or failed retraction.