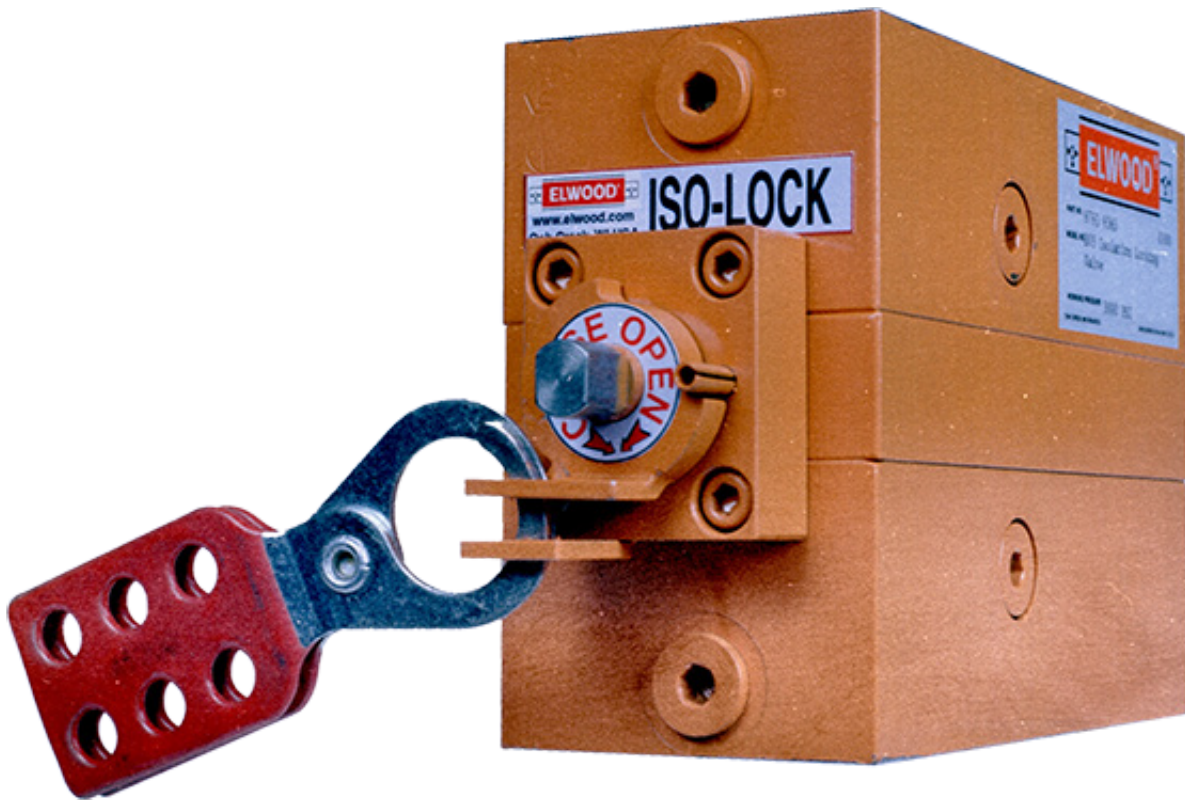


# ISO-LOCK



## What is the ISO-Lock?

Elwood's ISO-Lock is one of the most unique products Elwood has developed. This isolation valve offers the ability to lockout all ports with one simple turn and is locked out via hasp. Utilizing a sandwich valve design, the ISO-Lock bolts independently, allowing the stack of valves above to be removed without disrupting operation of the system. This allows for maintenance to occur on a system with greater efficiency.

## Applications

From standard to custom mounting patterns, water or oil systems, carbon or stainless steel, the ISO-Lock is customizable for where it is needed. The ISO-Lock is currently used in a variety of applications from industrial hydraulic to mobile hydraulic settings.

## Features & Benefits

- Reduces maintenance downtime and costs
- Positive isolation and lockout of P, T, A, & B ports.
- Permits easier troubleshooting of circuits
- Pressure rating of 6,000 psi
- Hydraulic fluid does not have to be drained from the system
- Sandwich mounted to easily add to existing circuits
- Compatible with water, water base fluids, and mineral oil fluids
- Lockout all ports via hasp

# ISO-Lock Ordering Information

MODEL CODE  
EXAMPLE

ISO - **D05** - **6K** - **SS** - **TPORT-OP**

Mounting  
Pattern

Pressure

Material

Port Options

## MOUNTING PATTERNS

Opt'ns	CODE NO.	Pressure		
		3.6K	4.5K	6K
ISO PATTERNS	D03		x	
	D05	x		x
	D07			x
	D08			x
	D10			x
	P06			x

*Custom patterns available upon request.*

## PRESSURE

CODE NO.	DESCRIPTION
3.6K	3,600 PSI / 240 BAR
4.5K	4,500 PSI / 315 BAR
6K	6,000 PSI / 415 BAR

## MATERIAL

CODE NO.	DESCRIPTION
BO	STANDARD CARBON STEEL WITH BLACK OXIDE FINISH
SS	400 SERIES STAINLESS STEEL

*316 series stainless steel available upon request.*

## PORT OPTIONS

CODE NO.	DESCRIPTION
SPORT	STANDARD PORT - LEVER ON B-PORT SIDE
TPORT-OP	TANK PORT OPTION - LEVER ON TANK PORT SIDE

## Notes

- ① For standard port (SPORT) option, leave port option code blank in model code.

*For custom specifications and mounting patterns, please contact us! Our team at Elwood is happy to customize a valve to fit your requirements!*

## Notes

- Available in carbon steel and stainless steel.
- Carbon steel has black oxide finish. Stainless steel models are painted.
- ISO to Elwood interface included for valves with Elwood mounting patterns.
- It should be noted that water characteristics also have an affect on the surface, and it will have reduced protection level when sulphur-reducing and iron-reducing bacteria exists.
- ISO-Lock permits the removal of the directional control valve without bleeding the P, T, A, & B port lines. If work is to be performed on any of the port lines, pressure must be bled from the line beforehand.

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**ELWOOD®****FLUID  
POWER**

Elwood Fluid Power is proud to provide high pressure hydraulic valves and systems for water and other low viscosity applications. Traditionally, Elwood custom valves have been used in steel mills, aluminum mills, and petrochemical facilities across the world!

Today Elwood is expanding its markets into custom high pressure water or low viscosity applications across many industries. Contact us today to start talking with our team!

## Water and Low Viscosity Hydraulics

### *2-, 3- & 4-Way Directional Control Valves*

As one of the most fundamental components in hydraulic and pneumatic machinery, directional control valves are responsible for stopping, allowing, and changing direction of fluid flow from one or multiple sources.

### *Packed Spool 4-Way Directional Control Valves*

Deliver precise valve control through air actuated function.

### *Pressure Control Valves*

Named for their primary function, pressure control valves provide relief, reduce, or stop system pressure.

### *Isolation Valves*

Utilize system maintenance with the ISO-Lock valve by isolating manifold mounted directional control valves without shutting the entire system down.

### *2-Way Valves*

- Descaling applications
- Pump unloading & bypass applications
- Stopping applications

### *Accumulator System Shut-Off Valves*

As system pressure builds, this safety valve shuts off pressure when determined levels are reached.

### *Decoking Control Valves*

Assisting the refinery industry since the late 1930's, Elwood's decoking control valves have come a long way. Support provided is for older Nordberg and Rexnord valves. Newer designs feature additional beneficial characteristics. Available in spindle and cartridge designs, customized to fit your needs.

### *Valve Stands & Manifolds*

## ELWOOD POLICY STATEMENT

It is the policy of Elwood to provide our customers with products that meet or exceed their expectations for performance, reliability and safety while ensuring compliance with applicable laws and regulations, and to continually improve all aspects of our business.



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