

***GPI* metal products**

**FULL OPEN VALVES AND VALVE SEATS  
FOR QUINTUPLEX AND TRIPLEX  
FLUID ENDS**



# **GPI** metal products

## Valves & Valve Seats for Quintuplex & Triplex Fluid Ends

### **Sizes**

3.5 - 4.5 / 3.75 - 4.0 / 4.5 - 5.0

### **Material**

Mill certified carburizing grade alloy steel with heat-lot material traceability

### **Closed Die Forged**

Promoting uniform grain size, directional strength and overall uniform product stability and performance

### **Heat Treat**

Full penetration process hardening with surface treatment for increased wear resistance

Heat treat lot certification

### **Urethane Ring**

Proven oil and gas application product from a leading urethane manufacturer

*GPI Valves and Seats are designed in collaboration with OEM Fluid End manufacturer incorporating “lessons learned” through many years of experience in fluid end manufacture. Components are manufactured with controlled processes and procedures to precise industry standards. Manufacturing process controls are designed to eliminate piece-to-piece variation for optimum product performance throughout the life cycle of the component.*

## Fluid End Valve with Urethane Ring Insert & Valve Seat



Manufactured in the USA

Contact [sales@gpimetal.com](mailto:sales@gpimetal.com), (214) 838-0167 or (414) 406-2051 for pricing and availability

# *GPI* metal products

Valves & Valve Seats for Quintuplex & Triplex Fluid Ends

**Valve Reference Chart**

Plunger Size (in.)	Valve Part #	Seat Part #	Spring Part #
3.5 - 4.5	GPI-3545-V2	GPI-3545-S2	GPI-3545-K
3.75 - 4.0	GPI-3740-V1	GPI-3740-S1	
4.5 - 5.0	GPI-4550-V1	GPI-4550-S1	GPI-4550-K

**Plunger Reference Chart**

Plunger Size (in.)	Plunger Part #	Packing Materials Package #
3.00	GPI-30-P	GPI-3040-M
3.50	GPI-35-P	GPI-3545-M
4.00	GPI-40-P	GPI-4050-M
4.50	GPI-45-P	GPI-4555-M
5.00	GPI-50-P	GPI-5060-M
5.50	GPI-55-P	GPI-5565-M
6.00	GPI-60-P	GPI-6070-M

Manufactured in the USA

Contact [sales@gpimetal.com](mailto:sales@gpimetal.com), (214) 838-0167 or (414) 406-2051 for pricing and availability

GPI Valve & Seat	Compatible Pumps
<b>GPI-4550-V1</b> <b>GPI-4550-S1</b>	<b>BJ</b> – Pacemaker <b>CMW</b> – H-1600, C-1300, C-1800, J-2000 <b>FMC</b> – WQ-270 <b>GD</b> – GD3000HP, C-2250, C-2500 C-2500HP, HD-2250, GD-1000, GD-2000, GD-2250, GD-2500, GD-2500H, GWS, GD 1250, GWS 2250, Super GWS 2250, OPI 600 <b>Geoquip</b> – H-880, LC-1200, H-1600, C-1300, C-1800, J-2000 <b>OFM</b> – 1000-1300WS, 350 AWS, 500 AWS, 880 AWS, 350 DWS, 1000 AWS, 1300 AWS, 1600 AWS, 1800 AWS, 1600BWS, GD 2000 <b>Oilwell</b> – SB-644-5, SA-644-5, SA-644-10, SA-650-5, SA-650-10, SB-650-5 <b>Omega</b> – 1000-13000HP, 1800HP <b>OPI</b> – 1000-1300WS, 880 AWS, 1000 AWS, 1300 AWS, 1600 AWS, 1800 AWS, 1600BWS, 350 DWS <b>Pinion</b> – RB5, RB6 <b>SPM</b> – TWS 900, QWS 1000S, TWS 1300, TWS 1600, TWS 1800, TWS 1600LW, TWS 2250, TWS 2400, QWS 2000, 2500LW, QWS 2500, 2500 SD, QWS 3500, TBH 1050, QBH 1575, TWS 2500 <b>Tulsa Rig Iron</b> – TT-450, TT-680 <b>Western</b> – RB 80, RB 81, Roughrider 1000, Roughrider 1500 <b>Wheatley</b> – 3F-450, 4F-750
<b>GPI-3545-V2</b> <b>GPI-3545-S2</b>	<b>Ellis Williams</b> – W-440-HP <b>Le Tourneau</b> – W-440-HP <b>MSI</b> – TI-600, QI-1000 <b>National</b> – JWS-165L, JWS-5L, JWS-300L, JWS-185, JWS-340 <b>OFM</b> – 350 AWS, 500 AWS <b>Oilwell</b> – 46P, 346P, 48-P-HD, 58-P-D, S-830, SA-830 <b>OPI</b> – 350 AWS, 500 AWS <b>SPM</b> – TBH 175, TBH -225, TBH -350, TBH 550, TWS 250, TWS 400, TWS 500LW, TWS 600, TWS 600S, TWS 900, QWS 1000S <b>TFI</b> – ZB-400I <b>TSC</b> – WF-340 <b>Western</b> –Roughrider 500
<b>GPI-3740-V1</b> <b>GPI-3740-S1</b>	<b>BJ</b> – Pacemaker, BJ-8 <b>CMW</b> – H-1600, C-1300, C-1800, J-2000 <b>GD</b> – GWS, GD-1000, GD 1250, GWS 2250, Super GWS 2250, OPI 600 <b>Geoquip</b> – H-880, LC-1200, H-1600, C-1300, C-1800, J-2000 <b>OFM</b> – 880 AWS, 1000 AWS, 1300 AWS, 1600 AWS, 1800 AWS, 1600BWS, GD 2000 <b>Omega</b> – 13000HP, 1800HP <b>OPI</b> – 880 AWS, 1000 AWS, 1300 AWS, 1600 AWS, 1800 AWS, 1600BWS, GD 2000 <b>SPM</b> – TWS 1300, TWS 1600, TWS 1800, TWS 1600LW, TWS 2250, TWS 2400, QWS 2000, 2500LW, QWS 2500, 2500 SD, QWS 3500, TBH 1050, QBH 1575, TWS 2500 <b>Wheatley</b> – BJ-8

***GPI*** **metal products**

## **High-Performance Custom Metal Formed Parts**

*234 E Reservoir Ave, Milwaukee, WI 53212*

*(214) 838-0167 / (414) 406-2051 – sales@gpimetal.com*

*www.gpimetal.com*

