

# VALVE SIZE TABLE

	API 6		API 7		API 8	
	S6	S12N	S6	S12N	S6	S12
AMERICAN BLOCK	K800,K1000,K1300		K1600		K2200	
BOMCO	F500,F800,F1000	F1600(SWFE75)	F1300,F1600,F1600L, F1300/1600,(SWFE50)			
OILWELL	A-1700-PT(OEM75)	A-1400-PT,A-1700-PT, HD-1400-PT, HD-1700-PT, (SWFE75)	A-850-PT,A01100-PT, A-1400-PT,A-1700-PT, HD-1400-PT,HD-1700-PT, (SWFE50)			
EMESCO	F800,F1000, (SWFE50),FD1000	FC1600(SWFE75),	F1300,F1600,FA1300,FA1660, FB1300,FB1600,FC1300, FC1600,FD1600,FD1600(OEM-BJ)	FC2200(SWFE75)	FC2200	
NATIONAL		8P80,9P90,10P130, (OEM & SWFE), 12P160(NATIONAL75), 12P160(SWFE75), HP12P160(SWFE60)		12P160, 12P160(OLD+NEW50), 12P160(ML75)		14P220, 14P220(SW)
LS-NOV	3NB1000C		3NB1300C,3NB1600			
WIRTH	TPK1000	TPK1600(SW75)	TPK1300(MOD),TPK1300,TPK1600, TPK1600(MOD),TPK1600(SW50), TPK2000,TPK2200			
EWECO	E-800,EQ2200(SW75)	EQ2200(SW75)	E-1100,E-1300,E-1600	E-2200, E-2200(SW75)		
DRILLMEC			9T800,9T1000,10T1300,	12T1600(SW50), 12T1600(SW75), 12T1600	14T220	
G.D.	PZL-B-7500	PZ-10(SW75), PZ-11(SW75)	PZ7,PZ8,PZ9,PZ10,PZ11(50),(SW75)			
HONGHUA	HHF800,HHF1000, HHF1600(SW75)		3NB1300F,HHF1600(BJ),HHF1600			
IDECO	T-500,T-800, T-1000,(SW50)		T-1300,T-1600,T-1300(SW75), T-1600(SW75)			
TSC		WF-2000	WF-700,WF-750,WF-1000, WF-1300,WF-1600			
ELLIS WILLIAMS	WH-800,WH-1000-B, WH1300,WH-1312, WH2214(OME/VOV75)	WH2012, WH2214(SW75)	WH-1600	WH-1612		
LEWCO	W-600,W-850, W-1000, WH-600/800, WH-1300/1000, WH1312	W-1100, W-1312(SW75), W-1700(SW75), W-1712, W-1712(SW75), WH-2012	W-2000,W-1400,WH-1600	W-1612, W-2200(SW75), W-2214(75), W-2215(75), 12-P-WH1612	W-3000	

# BONDED VALVE

GEPEC bonded valves have replaced the slip-on insert to provide a tighter fit. This design is permanently bonded to the valve body. This reduces the tendency for fluids to penetrate between the polyurethane insert and the valve body, preventing failure. This bonded polyurethane insert is also used to minimize shock when the valve closes. The full open de-sign of this bonded valve provides maximum fluid flow.



### Design benefits include:

- Very high tensile strength
- Enhanced sealing capabilities
- Improved shock absorption
- Premature sealing failure prevention



SIZE	VALVE	API SEAT	API(MOD)SEAT
API 6	GE-6-F0285V2	GE-6-F2547-S6	GE-6-F2555-S12N
API 7	GE-7-F0250V2	GE-7-F2504-S6	GE-7-F2539-S12N
API 8	GE-8-F0382V2	GE-8-F2652-S6	GE-8-F2751-S12N

TEMPRATURE	MAX. PRESSURE	OPERATION HOURS
Up to 300 °F (149°C )	7500 PSI	800 ~ 1000 Hrs





# VALVE W/ REPLACEABLE URETHANE INSERT

GEPEC Roughneck Style Valve is a full open type valve that is fully interchangeable with Roughneck valves and seats. The full open design of the seat promotes even loading of the seat deck in the fluid end module. This valve is available with a high temperature polyurethane insert

### Design Benefits:

- Large metal-to-metal seat bearing area, reduces rate of metal wear
- Streamlined guide legs with large open area above legs, reduces fluid turbulence and valve washouts and enhancing valve life
- Symmetrical fluid end load, reduces or eliminates washed out decks, less stress on fluid end
- Two piece welded design is better for high pumping speeds.
- Balanced insert and seat area for better sealing & loading characteristics
- High Temp. (HC) Insert - Temperature 300°F (149°C) with Max Pressure of 7500 PSI

SIZE	HIGH TEMP. VALVE	API SEAT	API(MOD)SEAT	SPRING
API 6	GE-6-F0285V	GE-6-F2547-S6	GE-6-F2555-S12N	GE-5710-115
API 7	GE-7-F0250V	GE-7-F2504-S6	GE-7-F2539-S12N	GE-5710-115L
API 8	GE-8-F0382V	GE-8-F2652-S6	GE-8-F2751-S12N	055413256



# 4-WEB VALVE

GEPEC 4-Web Valve is a 4-Web Center Guided Valve System. This Valve has a replaceable Insert that is retained by a screw on plate with hammer lugs. Special heat treatment coated to fight corrosion while in storage. Available with standard API seats and "modified" API seats.

### Design Benefits

- Large metal-to-metal seat bearing area, longer wear life for metal wear areas
- 4-Web seat design maximizes bearing area and makes seat pulling easier
- This stem guided valve and seat assembly weightless

### Operating Temperature:

- High temperature Insert: 300°F (149°C)



SIZE	HIGH TEMP.VALVE	API SEAT	API(MOD)SEAT	SPRING(S.W.F.E.)
API 6	GE-6-4W2808V	GE-6-4W2653-S6	GE-6-4W2604-S12	055413421(*115)
API 7	GE-7-4W5041V	GE-7-4W1507-S6	GE-7-4W2505-S12	055413421(*115)
API 8	GE-8-4W5555V	GE-8-4W0608-S6	GE-8-4W0954-S12	