

Vogt

Quick Delivery...



...Critical Valves





There is no... or equal

In the late 1890s, Vogt pioneered the early development of ammonia absorption refrigeration systems that made artificial ice. This business, plus Vogt's fledgling boiler business, created an internal need for quality valves that initiated Vogt's early entry into the valve manufacturing business.

The early reputation of Vogt's quality valves and rapidly growing petroleum processing industry created an outside demand that would firmly establish Vogt in the mass production of high-quality forged steel valves.

For Vogt's leadership has been evident in the production of forged steel gate, globe, angle and check valves in most popular materials, trims and bonnet configurations.

Today, Vogt Valves support a worldwide network of distributors with access to the world's largest capability for manufacturing of forged steel valves.

Vogt Valves, reloaded...

Since we have been the name of with a renewed spirit and a brand new home in Stafford, Texas, we are now ready to meet the request of the most challenging applications in the industry.

- HF Acid, Alki
- Chlorine
- Oxigeb
- Exotic Material
- Bellows Seal
- Cryogenic

Vogt Valves inc.

13800 Promenade Blvd,
Stafford, TX 77477, USA

www.vogtvalves.com

Standard and Exotic Materials

Vogt now offers the industries largest selection of base material sourced from the highest qualified Mills **only** from USA and Western Europe.

Special material valves are machined from forged or drawn bars all valves are supplied with the original Mill certificates as a guarantee of its origin.

Material Group	Common Name	Vogt Definition	Nominal Type	UNS	Forging Spec. (ASTM)	Casting Spec. Equivalent (ASTM)
Carbon Steel	CS	A105N	C-Mn-Fe	K03504	A105N	A216-WCB
Low Temperature Carbon Steel	LTCS	LF1			A350-LF1	
	LTCS	LF2	C-Mn Si	K03011	A350-LF2	A352-LCB/ A352-LCC
	LTCS	LF3	3.1/2Ni	K32025	A350-LF3	A352-LC3
	LTCS	LF6	C-Mn-Si-V		A350-LF6	
Low Alloy Steel	Moly Steel	F1	C-1/2Mo	K12822	A182-F1	A217-WC1
	Alloy Steel Chrome Moly	F11 cl2	1.1/4Cr-1/2Mo	K11572	A182-F11	A217-WC6
F22 cl3		2.1/4Cr-1Mo	K21590	A182-F22 cl2	A217-WC9	
F5		5Cr-1/2Mo	K41545	A182-F5	A217-C5	
F9		9Cr-1Mo	K90941	A182-F9	A217-C12	
F91		9Cr-1Mo-V	K90901	A182-F91	A217-C12A	
High Alloy Steel	Austenitic Stainless Steel 300 series Stainless Steel	F304	18Cr-8Ni	S30400	A182-F304	A351-CF8
		F304L	18Cr-8Ni (C 0.03)	S30403	A182-F304L	A351-CF3
F304H		18Cr-8Ni	S30409	A182-F304H	A351-CF8	
F310		25 Cr-20 Ni	S31000	A182-F310	A351-CK20	
F316		16Cr-12Ni-2Mo (C 0.08)	S31600	A182-F316	A351-CF8M	
F316L		16Cr-12Ni-2Mo (C 0.03)	S31603	A182-F316L	A351-CF3M	
F316H		16Cr-12Ni-2Mo	S31609	A182-F316H	A351-CF8M	
F316Ti			S31635	A182-F316Ti		
F321		18Cr-10Ni-Ti	S32100	A182-F321	-	
F321H		18Cr-10Ni-Ti	S32109	A182-F321H	-	
F347		18Cr-10Ni-Cb(Nb)	S34700	A182-F347	A351-CF8C	
F347H		18Cr-10Ni-Cb(Nb)	S34709	A182-F347H	A351-CF8C	
F317L	18-21Cr-1-13Ni 3-4Mo	S31703	A182-F317L	A351-CG3M		
Martensitic Stainless Steel	F6a-13Cr - 410	F6	13Cr	S41000	A182 F6	A351-CA15
	F6NM	F6NM	13Cr- 4 Ni	S41500	A182 F6NM	A351-CA6NM
	17-4-PH	17-4-PH		S17400	A564 UNS S17400	ASTM A494 CU5MCuC
Super Austenitic Steel	Super Austenitic 6Mo	F44	20Cr-18Ni-6Mo	S31254	A182-F44	A351-CK3MCuN
		904L	44Fe-25Ni-21Cr-Mo	N08904	B649-N08904	-
		926		N08926	B649-N08926	-
NiCrMo S.Steel	Alloy 20	ALLOY 20	28Ni-19Cr-Cu-Mo	N08020	A182-F20	A351-CN7M
	Alloy 28	ALLOY 28		N08028		
Duplex Steel	Duplex 2205	F51	22Cr-5Ni-3Mo-N	S31803 S32205	A182-F51	A890-Grade 4A – A995 CD3MN
Super Duplex Steel	Super Duplex 2507	F53	25Cr-7Ni-4Mo-N	S32750	A182-F53	A890 5A - A351-CD4MCu
	Super Duplex	F55	25Cr-7Ni-3.5Mo-N-Cu-V	S32760	A182-F55	A351 GR CD3MWCuN
	Ferrallium 255	255		S32550		ASTM A487 gr 4C
Nickel	Nickel 200	Nickel	99/95Ni	N02200	B564-N02200	A494-CZ-100
Nickel-Iron Alloy	Incoloy® 800	ALLOY 800	33Ni-42Fe-21Cr	N08800	B564-N08800	A351-CT15C
	Incoloy® 800H	ALLOY 800H		N08810	B564-N08810	
	Incoloy® 800HT	ALLOY 800HT		N08811	B564-N08811	
	Incoloy® 825	ALLOY 825	42Ni-21.5Cr-3Mo-2.3Cu	N08825	B425-N08825	A494-CU5MCuC
Nickel Superalloys	Inconel® 600	ALLOY 600	72Ni-15Cr-8Fe	N06600	B564-N06600	A494-CY40
	Inconel® 625	ALLOY 625	60Ni-22Cr-9Mo-3.5Cb	N06625	B564-N06625*	A494-CW-6MC
	Inconel® 718	ALLOY 718	52.5Ni-19Cr-3Mo	N07718	B637-N07718	
	Hastelloy® B2	ALLOY B2	65Ni-28Mo-2Fe	N10665	B564-N10665*	
	Hastelloy® C-276	ALLOY C276	54Ni-15Cr-16Mo	N10276	B564-N10276*	A494-CW-2M
	Hastelloy® C-22	ALLOY C-22		N06022	B462-N06022	
Nickel-Copper	Monel® 400	MONEL® 400	67Ni-30Cu	N04400	B564-N04400	A494-M35-1
	Monel® K500	MONEL® 500		N05500	B865-N05500	
Titanium	Titanium	TITANIUM Gr 2	98Ti	R50400	B381-F2	B367-C2
		TITANIUM Gr 5			B381-F5	

Exotic Materials & Special Valves



Special Delivery?

Need an urgent delivery of special material valves? We have the ability of machining any valve configuration in house quickly.



Special QA Requirements?

We can perform a wide range of in-house tests for all our products:

PMI, DPI, MPI, UT,

Corrosion Test to ASTM and Customer specs

High Pressure gas Test

Low Temperature and Cryogenic Test



Special Design?

In our 150 year history we supplied thousands of special designed valves to meet the most critical and special applications.

Vogt engineering team is available to discuss any special requirement you may have.

**Super
Stainless**
F44, 904L 926

Duplex
F51
Super Duplex
F53, F55

**Inconel® &
Incoloy®**

Titanium

Nickel

NiCrMo Steels
Alloy20
Alloy28

HF Acid

What is an Alkylation Process?

A refining process used to enhance gasoline octane rating. Inherent in several of these process systems is the use of hydrofluoric (HF) acid.

Special QA Requirements?

Yes. Vogt Alkylation valves are constructed on a Certified ISO 9001 QA Program to assure that all design, materials, quality, inspection and manufacturing details are met.



Download our HF Acid
Connection Bulletin at
www.vogtvalves.com

Special Test Requirements?

We test hydrofluoric (HF) acid valves with a test medium of mineral oil to avoid the potential for water entrapment. Water entrapment when combined with HF acid cause accelerated corrosion in service.



Approved at

UOP
Phillips
ExxonMobil
Installed worldwide for more than 50 years

**Gate
Globe
Piston Check
Swing Check**

**Class
150
300
600
800**

**Size
1/2" to 2"**

**A105N
MONEL
HASTELLOY®**

**Only USA or
European
forgings and
parts**

**Made
in USA**

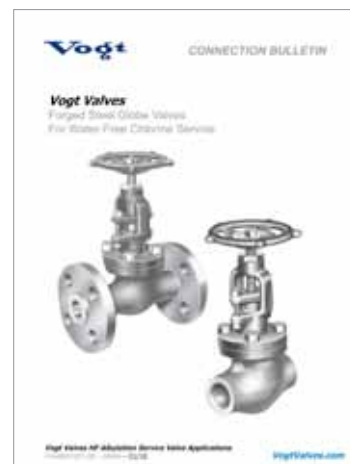
Reliable?

Vogt globe valves are manufactured, tested, cleaned and packaged in accordance with the requirements of chlorine service.

- Round bolted bonnet
- Bolted gland
- Spiral-wound gasket
- Outside screw and yoke
- Loose solid disc (CL) or loose PTFE-inserted disc (MT)
- Renewable seat
- ASME B16.34



Water-Free Chlorine Service



Download our HF Acid Connection Bulletin at www.vogtvalves.com

Bellowseal Valves



What is a Bellowseal?

When Zero Leakage is a must Bellowseal valves are the solution providing a mechanical sealing with Zero Emission guarantee.

Special Requirements

Ideal for Steam, DowTherm, Toxic Service



Chlorine Service Bellowseal Valves

Class 150, 300, 600 Bellowseal Flanged, Threaded or Socket Weld End Globe Valves with Inconel 625 bellows are also available on a special order basis.

**Gate
Globe
Y-Pattern Globe**

**Class
150
300
600
800
1500
2500**

**Size
1/2" to 30"**

**Bellows in
321
Alloy625
Monel
HastelloyC276®**

**Only USA or
European
forgings and
components**

**Made
in USA**

There is no... or equal

Cryogenic & Low Temperature Valves



What is Cryogenic?

We offer a redesigned range of valves for low temperature and cryogenic service with extended stem for gate and globe valves meeting MSS SP164 and BS6364 Standards. Extension is forged to shape as the body to ensure a higher level of reliability in continuous low temperature service.



Special Test Requirements?

Our facility in Stafford, Tx, is equipped to perform test in liquid nitrogen at -320F/-196C for our entire range.

**Gate
Globe
Check
and now
Ball valves**

Class
**150
300
600
800
1500
2500**

Size
1/2" to 2"

**LF2
F316L
CRAs**

**Standard
Or Cold Box
Extension Length**

Only **USA** or
European
forgings and
parts

**Made
in USA**

