

Pressure Rated Bronze, Iron and Ductile Iron Valves

Gate, Globe, Angle and Check Valve Figure Number System							
Examples:							
	1 End	2 Type	3 Pressure	4 Detail-Features	5 Disc Material	6 Misc.	
T-113	T	1	1	3			
F-617-0	F	6	1	7		0	
Key:							
1 End	2 Type	3 Pressure	4 Detail-Features			5 Disc Material	6 Miscellaneous
			Gate	Globe and Angle	Check		
F-Flanged	1-Gate-Bronze	1-125# SWP/ 200#CWP	1-SB, RS, Solid	1-SB, Int	3-Hor SW, SB, Int (Y-Pat)	A-Alloy Threads	BHW-Bronze Handwheel BP-British Parallel BT-British Taper Threads B7-B7 Bolting C-Copper Flared D-Drain GP-Graphite Packing 13-3% Nickel Body GO-Gear Operator H-Hose End HC-Hose Cap and Chain K-Cross Handle L-Lockshield L&W-Lever and Weight L&S-Lever and Spring N-Iron Trim O-OS&Y P-Full Plug Disc RW-Resilient Wedge SON-Square Operating Nut SS-Stainless Steel Trim T-Solid Tee Handle TP-PTFE Packing X-Oxygen Service Z-By-Pass
MJ-Mechanical Joint	2-Globe-Bronze	2-125# SWP/ 200# CWP	2-SB, RS	5-UB, Int	6-UB, Ren	B-Bronze	
S-Solder	3-Angle-Bronze	3-150# SWP/ 300# or 285# CWP	3-SB, NRS, Solid	6-UB, Ren		V-FKM	
T-Threaded	4-Check-Bronze		4-UB, RS, Solid	8-BB, Ren	8-Hor, SW, BB, Ren	W-Buna-N	
W-Wafer	6-Gate-Iron Body	5-200# SWP/ 400# CWP	5-UB, RS, Split	9-BB, Ren Stop Check	0-Vert Lift, Ren Silent Type	Y-PTFE	
P-IPS Push-on	7-Globe-Iron Body	7-300# SWP/ 600# CWP	6-UB, NRS, Solid				
PR-IPS Push-on w/Joint Restraint	8-Angle-Iron Body	8-250# CWP	7-BB, RS, Solid				
G-Grooved	9-Check-Iron Body	9-300# CWP	9-BB, NRS, Solid				
		0-175# WWP					
Terms:		CI Cast Iron	POA Price on Application	SB Screw-in Bonnet			
	BB Bolted Bonnet	MI Malleable Iron	Ren Renewable	UB Union Bonnet			
	Int Integral	NRS Non-Rising Stem	RS Rising Stem	FF Flat Face Flanges			

Dezincification
Resistant

De-alloying corrosion, known as "Dezincification," was effectively eradicated from valve products in the 1950s. Today, however, this problem has returned with the increased use of high-zinc alloys (commonly referred to as 'Yellow Brass') in forged and cast valves typically produced outside the United States.

Dezincification selectively removes zinc from the alloy, leaving behind a porous, copper-rich structure that has little mechanical strength. The physical attributes of an in-service valve with Dezincification includes a white powdery substance or mineral stains on its exterior surface.

What's the cure? On all bronze valves the metal components in the waterway must not contain more than 15% zinc in their chemical makeup. As a standard NIBCO bronze pressure-rated valves are made to be "Dezincification Resistant," which is a seal of quality and longevity.

This key is a guide only and is not intended to infer that any valve will be produced that is contained in the key.