

# Bronze Ball Valves

## One, Two, and Three-Piece Body

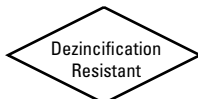
### Threaded, Solder and Grooved Ends

<b>Bronze Ball Valve Figure Number Key</b>					
<b>T-560-BR-R-20-**</b>					
End Connection	Valve Style	Basic Material	Seat Material	Trim Material	Options
BM - Butt Weld ISO Mount G - Grooved GM - Grooved ISO Mount KM - Socket Weld ISO Mount MTT - Male x Female Thread S - Solder ST - Solder x Thread T - Thread TC - Thread (investment cast carbon body) TM - Thread ISO Mount TS - Thread x Solder	560 - One-Piece Body Reduced Port 600 PSI  580 - Two-Piece Conventional Port 400 PSI  580-70 - Two-Piece Conventional Port 600 PSI  585-70 - Two-Piece Full Port 600 PSI  585-CV - Two-Piece with a Flow Control Port  590 - Three-Piece Body Conventional Port 600 PSI  595 - Three-Piece Body Full Port 600 PSI	*BR - Bronze	R - Reinforced Y - Virgin TFE	20 - Bronze 66 - Stainless Steel **70 - Bronze/Chrome Plated Ball	BSP - British Standard Thread (Parallel) BST - British Thread (Taper) CP - Chrome Plated EL - Extended Lever HC - Hose Cap and Chain HCL - Horizontal Chain Lever IC - Integral Check LL - Locking Lever M - Memory Stop NS - NIB-SEAL® Handle OL - Oval Locking OV - Oval Handle PL - Padlock Handle RH - Round Handle ST - Steam Service SU - Single Union End SV - Safety Vent UL - UL Listed VCL - Vertical Chain Lever W3 - Three-Way Valve WH - Wing Handle X - Oxygen Cleaned

\* BR only applies to T-560 line.

\*\* 70 only applies to T or S-580-70 and T or S-585-70 series valves.

This key is a guide only and is not intended to infer that every valve combination will be produced. Key for threaded, socket weld, grooved end ball valves.



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 ball valves are made to be "Dezincification Resistant," which is a seal of quality and longevity.**