



10803 Vinecrest Drive, Suite 170, Houston, Texas 77086  
Tel: 281-885-4250 Fax: 281-866-0996  
Website: www.microfinishvalvesinc.com

## MICROFINISH VALVE CODE BUILDING CHART

### STANDARD ASME B16.34 and API 6D TRUNNION MOUNTED BALL VALVES

2"	M	T87	F2	-	0	7	7	4	2	B	R	L	N
Size	Mod	Class	Port Size Construction	-	Body Mat'l	Ball Mat'l	Seat	Stem Material	Stem Seal	Specifications	End Connection	Operator	Special Options
2" thru 36"	BLANK= SOFT SEAT	T84= 150# *	R2= REDUCED PORT TWO PIECE CAST	-	0= CN7M or B462	0= CN7M or B462	0= PTFE	0= 410SS*	0= PTFE C UP & CONE	F= API 607 FIRESAFE	K= BUTTWELD	B= BARE STEM	1= NONE
	A= FINNED BONNET	T85= 300# *	R3= REDUCED PORT THREE PIECE FORGED	-	1= WCB* or A105*	1= WCB+ENP* or A105+ENP	1= TFM*	1= 31803 (Duplex 2205)	1= GRAFOIL RINGS	O= API 6FA FIRESAFE (Metal Seated Valves)	R= RAISED FACE FLANGE	E= ELECTRIC ACTUATOR	A= PUPS for BWE
	C= CRYOGENIC BS6364	T87= 600# *	F2= FULL PORT TWO PIECE CAST*	-	2= CF8 or F304	2= 304SS or F304	2= RPTFE	2= 32750 (Duplex 2507)	2= GRAFOIL CUP & CONE*	Q= NACE+API 607 FS*	T= RTJ	G= GEAR	C= SPECIAL CLEANING
	D= DIGESTER VALVE	T89= 900# *	F3= FULL PORT THREE PIECE FORGED*	-	3= CF8M* or F316	3= CF8M* or F316	3= DEVLON	3= 316SS*	X= OTHER	U= NACE+API 6FA FS (Metal Seated Valves)	X= OTHER	I= PNEUMATIC ACTUATOR	D= BONNET EXTENSION (4" OR 10" STD.)
	E=STEM EXTENSION	T90= 1500# *		-	4= LCB, LCC or LF2	4= CF8M+ENP or F316+ENP	4= PEEK*	4= 17-4PH*		V= NACE, NON-FIRESAFE*		L= LOCKING LEVER	H= SPECIAL TESTING
	M= METAL SEATED	T91= 2500#		-	5= CD4MCu	5= CD4MCu	5= NYLON*	5= XM-19		Y= NON-FIRESAFE		X= OTHER	W= FULLY WELDED BODY
	AM= FINNED BONNET with METAL SEAT			-	6= CD3MN or F51	6= CD3MN or F51	6= PCTFE	X= OTHER		X= OTHER			X= OTHER
	CM= CRYOGENIC with METAL SEAT			-	7= CF3 or F304L	7= CF8M+STELLITE or F316+STELLITE	7= CF8M+STELLITE or F316+STELLITE						
	DM= DIGESTER VALVE/METAL SEAT			-	8= CF3M or F316L	8= CF8M+TUNGSTEN CARBIDE or F316+TC	8= CF8M+TUNGSTEN CARBIDE or F316+TC						
				-	9= NOT ASSIGNED	9= CD3MN+TUNGSTEN CARBIDE or F51+TC	9= CD3MN+TUNGSTEN CARBIDE or F51+TC						
				-	X= OTHER	X= OTHER	X= OTHER						
				-									

#### \* Normally Stocked Materials

EXAMPLES:	2"T89F2-13332QRL1	2" 900# Full Port, Two Piece Trunnion Mounted Ball Valve, with WCB Body, CF8M Ball, Devlon Seat, 316SS Stem, Grafoil Cup & Cone Packing, NACE and API 607 Firesafe, Raised Face Flange, Lever Operated.
	3"CM89R3-37752URGX	3" 900# Reduced Port, Cryogenic Service, Metal Seated Three Piece Trunnion Mounted Ball Valve, with CF8M Body, CF8M+ Stellite Ball, CF8M + Stellite Seat, XM-19 Stem, Grafoil Cup & Cone Packing, NACE + API 6FA FS, Raised Face Flange, Gear Operated, Other- CLASS VI METAL SEALING

NOTES:	1. 150#, 300# and 600# 2 Piece Cast and 3 Piece Forged TMBV Available in 2" through 36" Sizes in soft, metal seats and Cryogenic service.
	2. 900# 2 Piece Cast TMBV Available in 1" through 24" Sizes in soft, metal seats and Cryogenic service.
	3. 1500# 2 Piece Cast TMBV Available in 1" through 24" Sizes in soft and metal seats. Cryogenic service not available.
	4. 2500# 2 Piece Cast TMBV Available in 1" through 12" Sizes in soft and metal seats. Cryogenic service not available.
	5. 900# 3 Piece Forged TMBV Available in 2" through 24" Sizes in soft and metal seats and Cryogenic service.
	6. 1500# 3 Piece Forged TMBV Available in 2" through 24" Sizes in soft and metal seats. Cryogenic service not available.
	7. 2500# 3 Piece Forged TMBV Available in 2" through 12" Sizes in soft and metal seats. Cryogenic service not available.