# How to Order - TB Series Valves

# Ordering Instructions

### Ordering TB Series valves requires the following steps:

- m(1) In the Basic Part Number and Dimensions tables, select the Basic Part Number for the required valve series, flow pattern and end connections. Examples: 83XKD4 or H83P4PF Note: For tube fitting end connections the Basic Part Number designates the Duolok two-ferrule design. To specify other tube fitting designs. Mixed end connection types and sizes are available.
- To specify low-temperature valves add "L" in front of the basic part number. Examples: L83KD4 or LH83P4PF
- PCTFE seats are standard for TB and LTB series ball valves. To specify PEEK seats replace the "K" in the basic part number with "P". Example: 83XPD4 Note: HTB and LHTB series valves are only available with PEEK seats.
- Add the Body Material Designator to the part number. Use -316 for 316 Stainless Steel or -M for Alloy 400. Example: 83XKD4-316 Note: HTB and LHTB series valves are only available in 316 SS.
- FKM O-rings are standard on TB and HTB series valves. To select other materials, please select the designator from the O-ring Material table, then add it after the body material indicator. Example: 83XKD4-316-FFKM Note: LTB and LHTB series valves are only offered with low-temperature Nitrile O-rings.

O-RINGS<sup>3</sup>

Add designators for other options in alphabetical order. Example: 83XKD4--316-FFKM-LD-RD



6PF -316 -GR -NBR -XP97



High-Pressure L83 Low-Temperature LH83 Low-Temperature,

High-Pressure

**BODY TYPE** (Blank) 2-Way

3-Way

**SEAT MATERIAL<sup>4</sup>** 

P PEEK **PCTFE**  OPTIONS<sup>1</sup>

#### **HANDLES**

(Blank) Black (Blank) FKM -GR Green -NBR Nitrile -RD Red -FFKM1 Chemraz -BL Blue -FFKM2 Kalrez -YW Yellow **OTHER OPTIONS** -0G Orange

#### No Handle -LD Locking Hardware

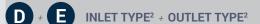
G93. Level C and CGA G-4.1

-6FP #6 SAE Female **SPECIAL CLEANING Bottom Port** Oxygen compatible lubricant, per ASTM



## **BODY MATERIAL**

-316 316 Stainless Steel Alloy 400



D	Duolok® Tube Fitting	Fractional Sizes:		Metric Sizes	
U	Unilok® Tube Fitting	1	1/16 in.	M6	6 mm
G	Griplok® Tube Fitting	2	1/8 in.	M8	8 mm
PF	Female NPT	4	1/4 in.	M10	10 mm
PM	Male NPT	6	3/8 in.	M12	12 mm
MRT	Male ISO Tanered	0	1/2 in		

12 3/4 in.

-XP98

MST Male SAE Straight Female SAE Straight

Female ISO Tapered

FRT

S Male O-ring Face Seal (SAE J1453) Female O-ring Face Seal (SAE J1453)



