

# HOW TO ORDER CHECK-ALL STYLE TF (TCVF)

## BODY MATERIAL ①

BRASS = BR  
CARBON STEEL = CS  
316 SS = SS

See p. 4 for Temperature ratings

## SPRING CRACKING PRESSURES

Replace "X" with actual desired setting.

Must use decimal as a character.

(PSI)                      FORMAT  
0.000 TO 0.999 = .XXX  
1.00 TO 9.99 = X.XX  
10.0 TO 99.9 = XX.X  
NO SPRING = NOSPRG

## STANDARD CRACKING PRESSURES ②

.125   .500   1.50   3.50  
(Sizes B-1 Only)

Note: Many other cracking pressures are available. Consult factory.

## SPECIAL OPTIONS

T = FEP ENCAPSULATED SPRING  
See p. 5 for Temperature rating  
Contact the factory for more options

## VALVE STYLE

TF

## SIZE

1/4 = B  
3/8 = C  
1/2 = D  
5/8 = E  
3/4 = F  
7/8 = G  
1 = H  
1-1/4 = I  
1-1/2 = J  
2 = K

## SEAT MATERIAL ③

AFLAS® = AS  
BUNA-N = BN  
EPDM = EP  
KALREZ® = KZ  
METAL-TO-METAL = MT  
NEOPRENE = NE  
PTFE (TF) = TF  
VITON® = VT

## STANDARD END FITTING O-RING MATERIAL

PTFE (TF)  
BUNA-N (BN)  
EPDM (EP)  
PTFE (TF)  
SEE NOTE BELOW ④  
NEOPRENE (NE)  
PTFE (TF)  
VITON®(VT)

See p. 4 for Temperature ratings

## SPRING MATERIAL

316 SS = SS  
HASTELLOY® C = HC  
INCONEL® X-750 = IX  
MONEL® = MO  
17-7PH SS = PH  
TITANIUM = TI

See p. 5 for Temperature ratings

Listed above are the most common material selections. Please contact the factory for additional options.

- ① Brass valves have plated Carbon Steel fittings. Consult factory if other body or fitting materials are desired.
- ② .500 PSI is the only standard cracking pressure for spring materials other than Stainless Steel. Cracking pressure tolerance is +/- 15%. .125 PSI springs are not recommended for installations with flow vertical down.
- ③ Seat materials other than metal-to-metal have a maximum pressure rating of 1500 PSI. PTFE seats are not resilient. See page 49 for allowable leakage rates.
- ④ Brass and Carbon Steel valves have Buna-N end fitting o-rings, 316 SS valves have Viton® end fitting o-rings.