

# HOW TO ORDER CHECK-ALL STYLE TV

## BODY MATERIAL ②

BRASS = BR  
CARBON STEEL = CS  
316 SS = SS

See p. 3 for temperature ratings

## SPRING CRACKING PRESSURES

Replace "X" with actual desired setting.  
Must use decimal as a character.

(PSI)	FORMAT	EXAMPLE
.000 TO .999	= .XXX	.500
1.00 TO 9.99	= X.XX	1.50
10.0 TO 99.9	= XX.X	15.0
NO SPRING	= NOSPRG	NOSPRG

## STANDARD CRACKING PRESSURES ①

.125	.500	1.50	3.50
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(Sizes A-I Only)

Note: Many other cracking pressures are available. All spring tolerances +/- 15%.

## SPECIAL OPTIONS

T = FEP ENCAPSULATED SPRING  
-O = Outer o-ring seals same as seat  
See pages 3 & 4 for temperature rating  
Contact the factory for more options

# TV

## VALVE STYLE

## SIZE

1/8	=	A
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 ④ = 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 ④ (EP)

PTFE (TF)

SEE NOTE BELOW ⑤

NEOPRENE (NE)

PTFE (TF)

VITON®(VT)

See p. 3 for temperature ratings

## SPRING MATERIAL

316 SS = SS  
ALLOY C-276 = HC  
ALLOY X750 OR INCONEL® X750 = IX  
ALLOY 400 OR MONEL® = MO  
17-7PH SS = PH  
TITANIUM = TI

See p. 4 for temperature ratings

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

- ① .500 PSI is the only standard cracking pressure for spring materials other than Stainless Steel. .125 PSI springs are not recommended for installations with flow vertical down.
- ② Brass valves have plated Carbon Steel tube fittings if applicable. Consult factory if other body or fitting materials are desired.
- ③ Seat materials other than "metal-to-metal" have a maximum pressure rating of 1500 PSI. "Metal-to-Metal" and PTFE seats are not resilient. See page 50 for allowable leakage rates.
- ④ EP seats not recommended for use with Carbon Steel valves.
- ⑤ Fitting o-rings are the same as the seat for standard seat materials. For "metal-to-metal" seated valves, end fitting o-rings are Buna-N for brass and carbon steel valves and Viton® for stainless steel valves. Consult the factory for further information.

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ISO 9001 CERTIFIED

MADE IN USA

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Trademarks Used

AFLAS® AGC Chemicals Americas, Inc.  
MONEL® Special Metals Family of Companies

INCONEL® Special Metals Family of Companies  
VITON® E.I. du Pont de Nemours and Company

KALREZ® E.I. du Pont de Nemours and Company