

# HOW TO ORDER CHECK-ALL STYLE U3

## BODY MATERIAL

ALLOY 20 = A2  
BRASS = BR  
CARBON STEEL = CS  
ALLOY B = HB  
ALLOY C-276 = HC  
ALLOY 400 OR MONEL® = MO  
316 SS = SS  
TITANIUM = TI

See p. 3 for temperature rating

## 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 C-I Only)

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

## SPECIAL OPTIONS

T = FEP ENCAPSULATED SPRING  
See p. 4 for temperature rating  
Contact the factory for more options

U

## VALVE STYLE

NPT Threads = U3  
ISO 7 Rp Threads = UR

## SIZE

3/8 = C  
1/2 = D  
3/4 = F  
1 = H  
1-1/4 = I  
1-1/2 = J  
2 = K  
2-1/2 = L  
3 = M  
4 = N

## SEAT MATERIAL ②

AFLAS® = AS  
BUNA-N = BN  
EPDM ③ = EP  
KALREZ® = KZ  
"METAL-TO-METAL" = MT  
NEOPRENE = NE  
PTFE = TF  
VITON® = VT

See p. 3 for temperature ratings

## SPRING MATERIAL

316 SS = SS  
ALLOY C-276 = HC  
ALLOY B = HB  
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 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.
- ③ EP seats not recommended for use with Carbon Steel valves.

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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