

HOW TO ORDER CHECK-ALL STYLE TF

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 |
| (Sizes A-I Only) | | | |

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

SPECIAL OPTIONS

T = FEP ENCAPSULATED SPRING
 -0 = Outer o-ring seals same as seat
See pages 3 & 4 for temperature rating
 Contact the factory for more options

TF

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 | STANDARD END FITTING O-RING MATERIAL |
|-----------------------|---|
| AFLAS® = AS | PTFE (TF) |
| BUNA-N = BN | BUNA-N (BN) |
| EPDM ④ = EP | EPDM ④ (EP) |
| KALREZ® = KZ | PTFE (TF) |
| "METAL-TO-METAL" = MT | SEE NOTE BELOW ⑤ |
| NEOPRENE = NE | NEOPRENE (NE) |
| PTFE (TF) = TF | PTFE (TF) |
| VITON® = VT | 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

2016

Trademarks Used

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 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