HOW TO ORDER
CHECK-ALL STYLE F1, F6, FP

BODY MATERIAL

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

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 ❶

.125	.500	1.50	3.50
(Sizes D-N Only)		(Sizes D-N Only)	(Sizes D-J 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

F														

VALVE STYLE

Class 150 & 300 = F1
(Sizes D-W) & (Sizes D-N)
(FIT UP TO SCH 40 PIPE)

Class 600 = F6
(Sizes D-N)
(FIT UP TO SCH 80 PIPE)

PTFE & PVC = FP

SIZE
(SEE BELOW)

SEAT MATERIAL ❷

AFLAS®	=	AS
BUNA-N	=	BN
EPDM ❸	=	EP
KALREZ®	=	KZ
"METAL-TO-METAL" ❹	=	MT
NEOPRENE	=	NE
PTFE ❺	=	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

STYLE F1
(*All Metals*)
SIZES

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
5	=	0
6	=	P
8	=	Q
10	=	R
12	=	S
14	=	T
16	=	U
18	=	V
20	=	W

STYLE F6
(*Except Brass*)
SIZES

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

STYLE FP ❹
(*PTFE or PVC Only*)
SIZES

1/2	=	D
3/4	=	F
1	=	H
1-1/4	=	I
1-1/2	=	J
2	=	K
3	=	M
4	=	N
6	=	P

Note: Consult the factory for an optional Flag Tag which indicates that a check valve is present in the line.

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

❶.500 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.

❷"Metal-to-Metal" and PTFE seats are not resilient. See page 50 for allowable leakage rates.

❸EP seats not recommended for use with Carbon Steel valves.

❹For PTFE and PVC valves, "MT" seats mean seated plastic to plastic. (No o-ring)

❺"TF" seat not available for FP valve style.

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