



FIELD F Types of end

There are 6 digits in this field - 3 for each end of the valve.
The different types are detailed below.

NOMINAL PIPE BORE SIZE		DIGITS	
inches	mm	1	2
1/4"	8	0	2
3/8"	10	0	3
1/2"	15	0	5
3/4"	20	0	7
1"	25	1	0
1 1/4"	32	1	2
1 1/2"	40	1	5
2"	50	2	0
2 1/2"	65	2	5
3"	80	3	0
4"	100	4	0
6"	150	6	0

DIGIT 13	MATERIAL	DIGIT 13	MATERIAL
A	Polyether Ether Ketone (Peek)	N	Alpha
B	Buna N	P	Polyfill/Fluorofill
C	Carbon filled PTFE	Q	Lubetal
D	Delrin high pressure	R	15% Glass filled PTFE
E	E.P.D.M.	S	Silicone
F	CPR type virgin PTFE	T	Virgin PTFE
G	Gamma	U	Ultra high molecular wt. polyethylene (UHMWPE)
H	VX1	V	Viton
I	PTFE impregnated inconel	W	Vespel
J	Nab one end, VX1 the other	X	Poly peek
K	Kel F	Y	Delrin
L	CPR type 15% Glass filled PTFE	Z	PTFE impegnated monel
M	FEP		

DIGIT 14	MATERIAL
A	Polyether Ether Ketone (Peek)
B	Buna N
C	Carbon filled PTFE
E	E.P.D.M.
F	F.E.P.
G	Graphite coated metal gasket
K	KEL F
M	PTFE coated metal gasket
N	Neoprene
R	15% Glass filled PTFE
S	Silicone
T	Virgin PTFE
U	Ultra high molecular wt. polyethylene (UHMWPE)
V	Viton
Z	Flexible graphite

There are 6 digits in this field - 3 for each end of the valve.
The different types are detailed below.

DIGITS 15, 16, 17 or 18, 19, 20	CONNECTION TYPE
S E A	Screwed API (continental)
S E N	Screwed - NPT
S E T	Screwed - BSPT
S E P	Screwed - BSPP
S W A	Socket weld schedule 40
S W C	Socket weld schedule 80
O D	Socket weld IMP. OD
S O M	Socket weld metric OD
B W 5	Butt weld schedule 5
B W E	Butt weld schedule 10
B W A	Butt weld schedule 40
B W C	Butt weld schedule 80
B W B	Butt weld "afnor"
X B C	Extended butt weld schedule 80
R D C	Reduced length extended butt weld schedule 80
X B 6	Extended butt weld schedule 160
R B 6	Reduced length extended butt weld schedule 160
X S W	Extended socket weld
R S W	Reduced length extended socket weld

If the valve is of the three-way type with 3 different ends, with no special features the connection type coding for the third end is listed 21, 22, 23. If there are special features then only the first two ends are recorded, the third being assumed the same.

A	B			C		D				E		F					G					H
SIZE	STANDARD VARIANT			SERIES	I	BODY	END	BALL	STEM	SEAT	SEAL	END 1	END 2	SPECIAL					REVISION			
1 2	3 4 5	6 7	8	9	10	11	12	13	14	15 16 17	18 19 20	21 22 23 24 25										

DIGITS 3, 4, 5	VARIANT DESCRIPTION
A	Antistatic
B	Full bore 13/14/18/19
F	Fire design
AW	Antistatic steam valve
5HP	High pressure (5000 PSIG)
M	Metric
C	Cryogenic
N	No extension gland
S	Side entry
D	Diverter
T	Mixer

DIGITS		DESCRIPTION
6	7	
1	3	13 Series
1	4	14 Series
1	8	18 Series
1	9	19 Series
4	4	44 Series
4	5	45 Series
5	9	59 Series
8	1	81 Series

Each of the 4 major components has its material recorded by putting a number into the 'D' Field

DIGITS	
9	Body
10	End
11	Ball
12	Stem

DIGITS 9, 10, 11, 12	MATERIAL
1	Brass
2	Ductile iron (SG & nodular)
3	Aluminium
4	Carbon steel
6	Stainless steel
H	Nickel-aluminium bronze
M	Special material (see field 'G')

DIGITS 21, 22, 23, 24 The first digit will contain a C, N, P, Q or an M	
C	Customised numbers
N/P/Q	Special Valve
M	When the letter M appears anywhere in Field D (Digits 9, 10, 11 & 12) the appropriate code for the material e.g. M121 (Nickel Aluminium Bronze) will appear in Field G. This is omitted if the valve is P or Q.

DIGIT 25
This letter denotes the revision of the bill of material for the product.