



Code	Main Construction Material	Code	Main Construction Material
0	Gunmetal (CC491K / LG2)	21	L.T. Forged Carbon Steel (ASTM A350 LF2)
1	Ni Al Bronze (ASTM B148 C95800 / EN12163 CW307G)	22	Leaded Red Brass (ASTM B62 C83600)
2	Carbon Steel (ASTM A216 WCB / ASTM A105)	23	Ductile Iron (EN-GJS-450-10)
3	L.T. Carbon Steel (ASTM A352 LCC)	24	Ductile Iron (EN-GJS-500-7)
4	Aust. St. Steel (ASTM A351 CF8M / ASTM A182 F316)	25	Ni Alloy (UNS N08825 / Incoloy®825)
5	Ni Cu Alloy (ASTM A494 M35-1 / UNS N04400 / Monel® 400)	26	Carbon Steel (070M20)
6	Titanium (ASTM B367 C2 / ASTM B348 Gr 2 / ASTM B381 F2)	27	Sup. Aust. St. Steel (ASTM A351 CK3MCuN / ASTM A182 F44)
7	Ni Alloy (ASTM A494 CW12MW / UNS N10276 / Hastelloy® C276)	28	Ni Alloy (UNS N07718 / Inconel® 718)
8	Duplex SS (ASTM A995 Gr 4A / ASTM A182 F51)	29	Mart. St. Steel (ASTM A217 CA15 / ASTM A182 F6)
9	Grey Cast Iron (EN-GJL-250)	30	Aust. St. Steel (ASTM A351 CF3 / ASTM A182 F304L)
10	Super Duplex SS (ASTM A995 Gr 5A / ASTM A182 F53)	31	Aust. St. Steel (UNS N08904 / 904L)
11	Super Duplex SS (ASTM A995 Gr 6A / ASTM A182 F55)	32	Aluminium Alloy (BS EN573 6082-T6)
12	Aust. St. Steel (ASTM A351 CF8 / ASTM A182 F304)	33	Carbon Steel (ASTM A216 WCC)
13	Aust. St. Steel (ASTM A351 CF3M / ASTM A182 F316L)	34	Titanium (ASTM B367 C5 / ASTM B348 Gr 5 / ASTM B381 F5)
14	Ni Alloy (ASTM A494 CW6MC / UNS N06625 / Inconel®625)	35	Co-Cr Alloy (Stellite®6)
15	Mart. St. Steel (ASTM A487 CA6NM / UNS S42400)	36	Mart. St. Steel (ASTM A182 F6NM)
16	L.T. Carbon Steel (ASTM A352 LCB)	37	Aust. St. Steel (ASTM A351 CF8C / ASTM A182 F347-H)
17	Aust. St. Steel (ASTM A351 CK20 / ASTM A182 F310)	38	Ductile Iron (EN-GJS-400-15)
18	Ni Alloy (ASTM A351 CN7M / UNS N08020 / Alloy 20)	39	Aust. St. Steel (ASTM A182 F321-H)
19	Ni Alloy (UNS N02200 / Alloy 200)	40	Ni Cu Alloy (ASTM A494 M30C)
20	Aust. St. Steel (ASTM A351 CG3M)	41	Duplex SS (ASTM A995 Gr 1B)

Code	Body Style
(blank)	Default Wafer (non-lugged)
L	Solid Lugged, Through Drilled
U	Double Flanged (not applicable to 4X4 Range)
T	Tapped Lugged

Code	Seating
M	Metal-Metal
V	Resilient (Viton®)
B	Nitrile (NBR, Buna-N)
P	P.T.F.E.
H	Stellite®6 Weld Overlay (Hardfaced)
I	Inconel®625 Weld Overlay
O	316 SS Weld Overlay
C	13% Cr Weld Overlay
E	Resilient (EPDM)
Q	Monel®400 Weld Overlay
N	Resilient (Neoprene)
D	F51 Duplex Weld Overlay
T	Ultimet® / Triballoy®800 Weld Overlay (Hardfaced)
K	PEEK

Code	Product Modifier
AA	CA6NM / S42400 Internals
AB	Ni Al Bronze (C95800 / CW307G) Internals
AC	Ni Alloy (M35-1 / M30C / UNS04400) Internals
AD	Aust. St. Steel (CF3M / F316L) Internals
AE	Aust. St. Steel (CF8 / F304) Internals
AF	Duplex (Gr 4A / F51) Internals
AG	Mart. St. Steel (CA15 / F6 / AISI 410) Internals
AH	Duplex (Gr 4A / F51) Disc/Plates
AI	Super Duplex (Gr 6A / F55) Internals
AJ	Aust. St. Steel (CF8M / F316 / AISI 316) Disc/Plates
AK	Co-Cr Alloy (Stellite®6) Plates
AL	Ni Alloy (CW6MC / UNS N06625) Internals
AM	Ni Alloy (UNS N06625) Guide Bushing
AN	Mart. St. Steel (F6NM) Internals
AO	Titanium (C5 / Gr 5) Disc/Plates
AP	Renewable Resilient Seat
AQ	P.T.F.E. (25% G.R.) Disc/Plates
AR	Ni Al Bronze (CW307G/CA104) Guide Bushing
AS	Nitronic® 60 (UNS S21800) Guide Bushing
AT	Disc/Plate Same Material as Body (Non Std Configurations)

Code	Spring Material
X	UNS N07750 (Inconel® X-750)
Y	UNS N07718 (Inconel® 718)
I	UNS N06625 (Inconel® 625)
H	UNS N10276 (Hastelloy® C-276)
S	AISI 316 St. Steel
M	Monel® K500
E	Elgiloy®
H	Hastelloy® C-276
T	Titanium 6Al-4V (Grade 5)

Code	Flange Rating
1	ASME Class 125
2	ASME Class 150
4	ASME Class 300
5	ASME Class 600
6	ASME Class 900
7	ASME Class 1500
8	ASME Class 2500
9	ASME Class 4500
06	PN6
10	PN10
16	PN16
25	PN25
40	PN40
63	PN63
100	PN100
D	BS 10 Table D
E	BS 10 Table E
F	BS Table F
J5	JIS B2220 5K
J10	JIS B2220 10K
J16	JIS B2220 16K
J20	JIS B2220 20K
J30	JIS B2220 30K
20	API 6A 2000 PSI
30	API 6A 3000 PSI
50	API 6A 5000 PSI
100BX	API 6A 10000 PSI

Code	Connecting Flange
A	Flat Faced (FF)
B	Raised Face (RF)
C	Ring Type Joint (RTJ)
H	Hub End