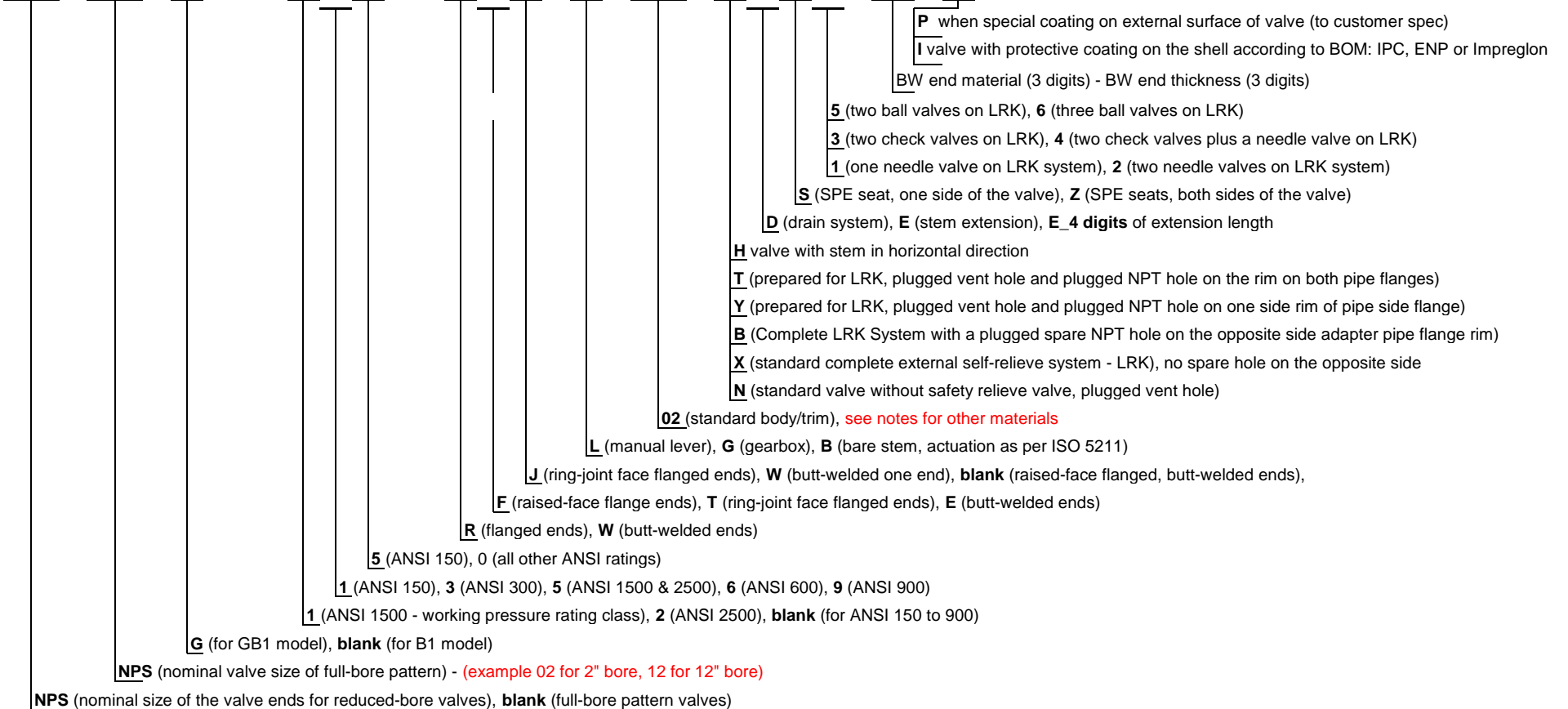


GVS ball valves part numbering system - How to order

[Please do not print. Always refer to soft copy in designated folder to assure the document is up to date]

X - B 1 - 0 - - - - - - - - - - - - - -



Valve body/trim material specification:

- 01 standard valve (with ENP 3 mil [80 µm] where required) that complies to API 608
- 02 standard valve (with ENP 3 mil [80 µm] where required)
- 07 standard valve with stainless steel ball and stem
- 08 standard valve with stainless steel full trim (stem, seat and ball)
- 09 standard design valve with full stainless steel materials
- 10 standard valve with HNBR AED seals instead of FKM LT AED

- 12 standard valve with special seats for 232°C (450°F) (PEEK with graphite filled seat protector and seat back-up rings, no delta ring, AFLAS o-rings)
- 13 standard valve with Kalrez seals instead of FKM LT AED (with ENP 3 mil where required) and special seat (PEEK with 20% PTFE, PEEK with graphite filled back-up rings, no delta ring)
- 14 metal-seated valve with for 350°C (660°F) materials according to BOM
- 15 metal-seated valve with for 220°C (460°F) materials according to BOM
- 23 standard design valve with code "02" material, prepared for underground service with welded SW fittings
- 24 standard design valve with code "02" material, prepared for underground service with machined housing to accept SW fittings
- 25 standard design valve with code "02" complete with vent system with ball valve
- 26 standard design valve with code "02" except Delta seat and all O-ring seals are FKM GFLT
- 28 standard design valve made of A105 materials (except stem in 4140) with ENP 3 mil where required and FKM LT AED seals
- 38 special valve design, triple seal seat, with ball and seat TC coated, material according to BOM
- 40 standard valve design with Corrosion resistance alloy weld overlay on seat pocket area on the end adapters - material according to BOM
- 41 standard valve design and BOM except A182 F316 seats and ball, PEEK+20% PTFE seat inserts (No elastomeric delta) and EPDM o-rings
- 60 special design valve and bill of materials suitable for Dry Acid Gas with Fugitive emission bonnet design with Flexible Graphite stem packing
- 61 special design valve and bill of materials suitable for Dry Acid Gas with Fugitive emission bonnet design with Chesterton 1600 stem packing
- 62 special design valve and bill of materials suitable for Wet Acid Gas with Fugitive emission bonnet design with Flexible Graphite stem packing
- 63 special design valve and bill of materials suitable for Wet Acid Gas with Fugitive emission bonnet design with Chesterton 1600 stem packing
- 66 special design valve and bill of materials suitable for Dry Acid Gas with Fugitive emission bonnet design with Chesterton 1600 stem packing and Kalrez 0090 stem O-ring
- 67 special design valve and bill of materials suitable for Dry Acid Gas with Fugitive emission bonnet design with Chesterton 1622 stem packing and Kalrez 0090 stem O-ring
- 69 special design valve and bill of materials suitable for Dry Acid Gas with Fugitive emission bonnet design with Chesterton 1622 stem packing
- 70 special design valve and bill of materials suitable for Dry CO2 service with Fugitive emission bonnet design with flexible graphite stem packing
- 71 special design valve and bill of materials suitable for Wet CO2 service with Fugitive emission bonnet design with flexible graphite stem packing
- 72 special design valve and bill of materials suitable for Dry CO2 service with FE bonnet design with flexible graphite stem packing and with PEEK & lip seal seat
- 80 special design valve and bill of materials suitable for Amine Service with Fugitive emission bonnet design with Flexible Graphite stem packing
- 81 special design valve and bill of materials with SS trim suitable for Amine Service with Fugitive emission bonnet design with Flexible Graphite stem packing
- 82 special design valve and bill of materials with SS materials suitable for Amine Service with Fugitive emission bonnet design with Flexible Graphite stem packing

- 98 unique valve with special materials, trim and/or features matching an RFQ - to be used only for quotes [Code Number is would be assigned at time of order]

Notes: GVS® standard valves are soft-seated, low temp, NACE MR0715 carbon steel materials with ENP 3 mil where required and supplied prime painted
 - steel materials: A350 LF2 cl.1, except stem in 4140
 - soft materials: FKM, RTFE, PEEK
 - accessories: SS 316 drain bleeder valve, safety relief valve

Examples:

02 - B1 - 1500 - RTJ - L - 02

02-B1-1500-RTJ-L-02 (2" bore, B1 valve, ANSI 1500, ring-joint face flanged ends, lever operated, 3 mil ENP)

10 - GB1 - 600 - RF - G - 12

10-GB1-600-RF-G-12 (10" bore, GB1 valve, ANSI 600, raised-face flanged ends, gear operated, HNBR seals, 3 mil ENP)

16 - GB1 - 600 - WE - B - 02 - X

16-GB1-600-WE-B-02-X_LF2-12.7 (20" bore, GB1 valve, ANSI 600, welded ends in LF2 material and 12.7 mm thickness at weld area, bare stem, external self-relieve system)

20 x 16 - GB1 - 1500 - RF - G - 02 - E_3200

20x16-GB1-1500-RF-G-02-E_3200 (20" reduced bore, GB1 valve, ANSI 1500, raised-face flanged ends, gear operated, supplied with stem extension 3,200 mm long)

24 - GB1 - 600 - RFW - B - 02 - LF2-12.7

24-GB1-600-RFW-B-02-LF2-12.7 (24" bore, GB1 valve, ANSI 600, one end RF, other end BW in LF2 material and 12.7 mm thickness at weld area, bares stem)

24 - GB1 - 600 - RFW - G - 23 - F52-16.5

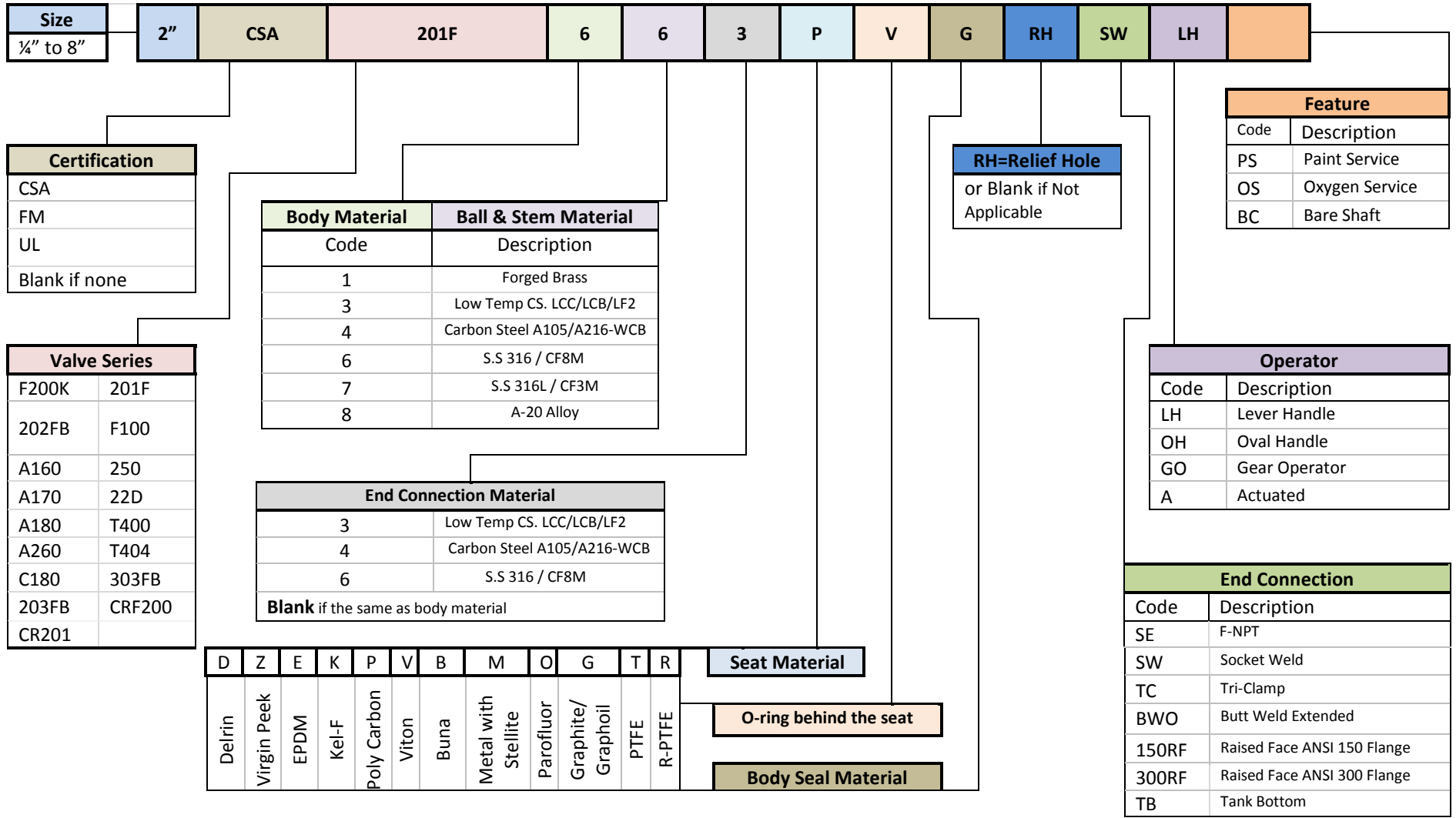
24-GB1-600-RFW-G-23_F52-16.5 (24" bore, GB1 valve, ANSI 600, one end RF, other end BW in F52 material and 16.5 mm thickness at weld area, gearbox, 3 mil ENP)

20 - GB1 - 600 - RF - G - 38 - DZ

20-GB1-600-RF-G-38-DZ (20" bore, GB1 valve, ANSI 600, RF flanged ends, gear operated, triple seal seat, drain system, both seats self-relieve)

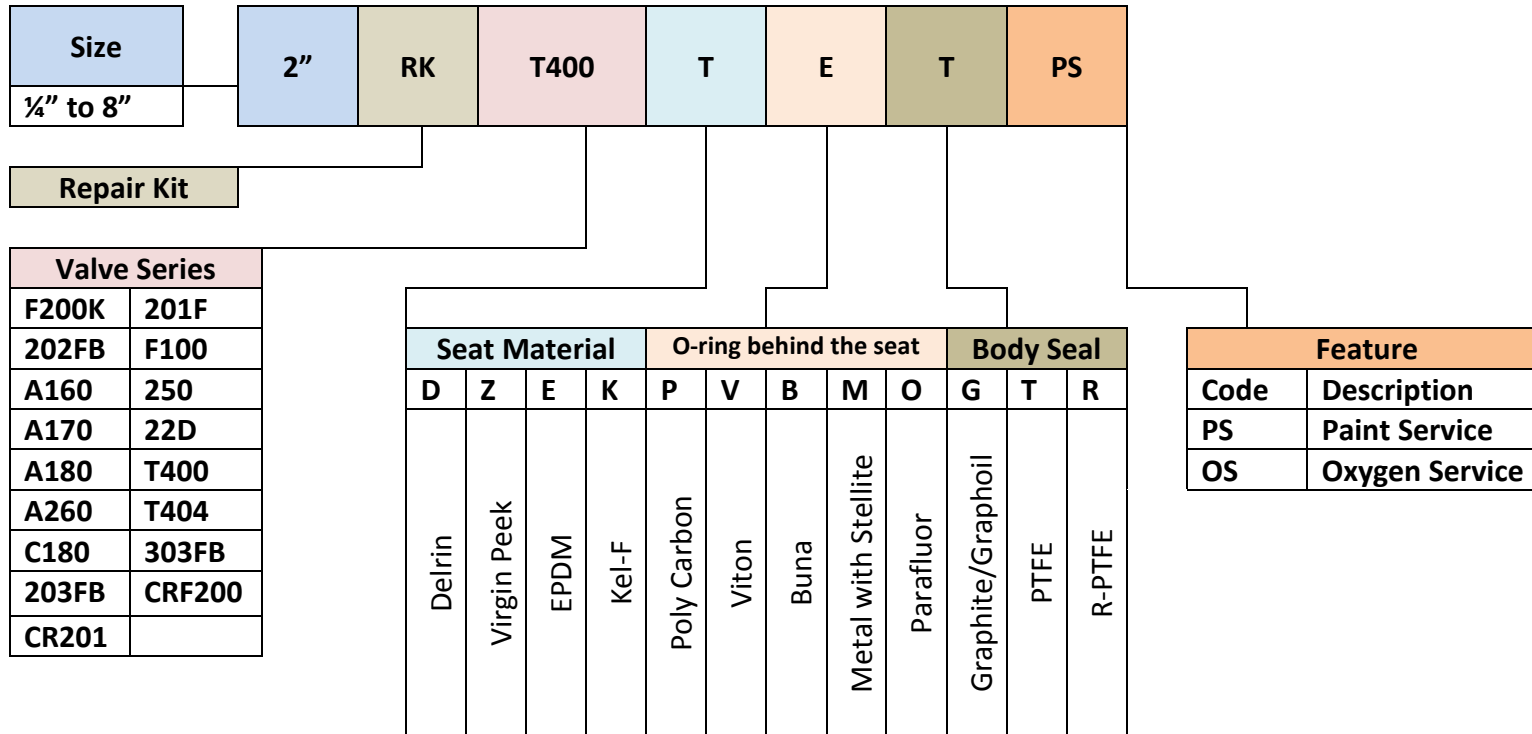
Title: Guidelines for VCI Parts Identification (ID) Code

1. VCI Valves Ordering Information



Title: Guidelines for VCI Parts Identification (ID) Code

2. VCI Repair Kits Ordering Information



Note:

- Automation components like Limit Switches, Actuators, and Solenoid valves etc., which are supplied by other manufacturers are identified by original manufacturer part numbers.