

* Příklad v kódu - základní rozlišení rychlospojek:

1. Type of Coupling

A = API Adapter
 AV = Tank Unit EN 13081 (special version)
 B = Ball Valve
 C = Dust Cap
 CG = Dust Cap LPG
 D = Swivel
 E = Tank Unit with pressure valves
 F = Hose Unit (ISO 45)
 G = Tank Unit (ISO 45)
 GS = Tank Unit (ISO 45) with selectivity

H = Sampling Vent & Drain Unit
 I = Dust Plug ISO 45
 K = Dust Cap ISO 45
 L = Tank Unit LPG
 LC = Tank Unit Cryogenic
 M = Hose Unit LPG
 MC = Hose Unit Cryogenic
 N = Break Away Pin
 NC = Break Away Pin Cryogenic
 O = Break Away Wire

S - Rychlospojka (Samice) T - Vsuvka (Tank unit)

P = Dust Plug
 R = Pressure Cap
 RG = Pressure Cap LPG
 S = Hose Unit (STANAG 3756)
 SN = Hose Unit int. Break Away Pin
 SO = Hose Unit int. Break Away Wire
 T = Tank Unit (STANAG 3756)
 U = Filter / Sight Glass
 V = Dust Plug LPG
 WA = Hose Fittings



2. Socket Diameter / Nominal Diameter

0 = 50 mm or 3/4"
 1 = 56 mm or 1", 1 1/4"
 2 = 70 mm or 1 1/2", 2"
 3 = 105 mm or 2 1/2"

4 = 119 mm or 3"
 5 = 164 mm or 4"
 V = 5"
 6 = 238 mm or 6"

8 = 272 mm or 8"
 10 = 10"
 12 = 12"

3. Connection (Thread, Flange etc.)

01 = 3/8" BSP (female)
 02 = 3/8" NPT (female)
 03 = 1" BSP (female)
 04 = 1" NPT (female)
 05 = 1 1/4" BSP (female)
 06 = 1 1/4" NPT (female)
 07 = 1 1/2" BSP (female)
 08 = 1 1/2" NPT (female)
 09 = 1 3/4" BSP (female)
 10 = 2" BSP (female)
 11 = 2" NPT (female)
 12 = 2 1/2" BSP (female)
 13 = 2 1/2" NPT (female)
 14 = 3" BSP (female)
 15 = 3" NPT (female)
 16 = 4" BSP (female)
 17 = 4" NPT (female)
 18 = Flange undrilled Ø 156
 19 = Flange undrilled Ø 165
 20 = Flange undrilled Ø 210
 21 = Flange undrilled Ø 230
 22 = Flange undrilled Ø 254
 23 = Flange DN 25 PN 10/16
 24 = Flange DN 25 PN 25/40
 25 = Flange DN 32 PN 10/16
 26 = Flange DN 32 PN 25/40
 27 = Flange DN 40 PN 10/16
 28 = Flange DN 40 PN 25/40
 29 = Flange DN 50 PN 25/40*
 30 = Flange DN 50 PN 10/16
 31 = Flange DN 50 PN 25/40
 32 = Flange DN 65 PN 25/40*
 33 = Flange DN 65 PN 10/16
 34 = Flange DN 65 PN 25/40
 35 = Flange DN 80 PN 25/40*
 36 = Flange DN 80 PN 10/16
 37 = Flange DN 80 PN 25/40
 38 = Flange DN 100 PN 25/40*
 39 = Flange DN 100 PN 10/16
 40 = Flange DN 100 PN 25/40
 41 = Flange DN 125 PN 6
 42 = Flange DN 125 PN 10/16
 43 = Flange DN 125 PN 25/40
 44 = Flange DN 150 PN 6
 45 = Flange DN 150 PN 10/16
 46 = Flange DN 150 PN 25/40
 47 = Flange DN 20 PN 10/16
 48 = Flange DN 20 PN 25/40
 49 = Flange 3/4" ANSI Class 150
 50 = Flange 3/4" ANSI Class 300
 51 = Flange 1" ANSI Class 150
 52 = Flange 1" ANSI Class 300
 53 = Flange 1 1/4" ANSI Class 150
 54 = Flange 1 1/4" ANSI Class 300
 55 = Flange 1 1/2" ANSI Class 150
 56 = Flange 1 1/2" ANSI Class 300
 57 = Flange 2" ANSI Class 150
 58 = Flange 2" ANSI Class 300
 59 = Flange 2 1/2" ANSI Class 150
 60 = Flange 2 1/2" ANSI Class 300
 61 = Flange 3" ANSI Class 150
 62 = Flange 3" ANSI Class 300
 63 = Flange 4" ANSI Class 150
 64 = Flange 4" ANSI Class 300
 65 = Flange TW 1 (3" - DN 80)
 66 = Flange TW 3 (4" - DN 100)
 67 = Flange 3" T.T.M.A.
 68 = Flange 4" T.T.M.A.
 69 = 3/8" BSP (male)
 70 = 3/8" NPT (male)
 71 = 1" BSP (male)
 72 = 1" NPT (male)
 73 = 1 1/4" BSP (male)

74 = 1 1/4" NPT (male)
 75 = 1 1/2" BSP (male)
 76 = 1 1/2" NPT (male)
 77 = 1 3/4" BSP (male)
 78 = 2" BSP (male)
 79 = 2" NPT (male)
 80 = 2 1/2" BSP (male)
 81 = 2 1/2" NPT (male)
 82 = 3" BSP (male)
 83 = 3" NPT (male)
 84 = 4" BSP (male)
 85 = 4" NPT (male)
 86 = Weld.flange 2" Ø 60,5 ID
 87 = Flange TW 1 (2" DN 50)
 88 = Weld.flange 2" Ø 50 - Ø 70 (flat)
 89 = Weld.flange 2" Ø 57 (int. chamfer)
 90 = Weld.flange 2" Ø 60 (outer chamfer)
 91 = Weld.flange 3" Ø 75 - Ø 90 (flat)
 92 = Weld.flange 3" Ø 76 (int. chamfer)
 93 = Weld.flange 3" Ø 89 (outer chamfer)
 94 = Weld.flange 4" Ø 100 - Ø 120 (flat)
 95 = Weld.flange 4" Ø 102 (int. chamfer)
 96 = Weld.flange 4" Ø 108 (int. chamfer)
 97 = Weld.flange 4" Ø 114 (outer chamfer)
 98 = Flange TW 1 (2" - DN 50)
 with drain connection
 99 = Flange DN 150 PN 25
 100 = Flange 6" ANSI Class 150
 101 = Flange 6" ANSI Class 300
 102 = Flange DN 200 PN 10
 103 = Flange DN 200 PN 16
 104 = Flange DN 200 PN 25
 105 = Flange 8" ANSI Class 150
 106 = Flange 8" ANSI Class 300
 107 = Flange Square ISO 45
 108 = S60 x 6 (female)
 109 = S60 x 6 (male)
 110 = 6" BSP (female)
 111 = 6" NPT (female)
 112 = W2" - 7 (female)
 113 = Weld.flange 3" Ø 92 inner
 114 = Square flange, 4 holes
 115 = 6" BSP (male)
 116 = 6" NPT (male)
 117 = 8" NPT (female)
 118 = 4" Victaulic
 119 = Flange DN 50 PN 25/40**
 120 = Flange DN 65 PN 25/40**
 121 = Flange DN 80 PN 25/40**
 122 = Flange DN 100 PN 25/40**
 123 = W2" - 7 (male)
 124 = 5" NPT (female)
 125 = 5" NPT (male)
 126 = Flange DN 100 PN 6
 127 = Flange DN 80 PN 6
 128 = Flange DN 65 PN 6
 129 = Flange DN 50 PN 6
 130 = Flange 8" ANSI Class 600
 131 = W90 x 1/8" (female)
 132 = 1/2" NPT (female)
 133 = 1/2" BSP (female)
 134 = Flange Ø 184,2, 6 holes
 135 = Flange TW 7 (6" - DN 150)
 136 = 4" ASSPT (female)
 137 = Triclampe DN 25
 138 = M54 x 1,5 (female)
 139 = Triclampe DN 50
 140 = Weld.flange Ø 73 (outer chamfer)
 141 = 3" Victaulic
 142 = Flange 5" ANSI Class 150
 143 = 3" Ball valve
 144 = 2" Victaulic
 145 = 3" BSPT (male)

146 = 5" Victaulic
 147 = 2" BSPT (female)
 148 = 2" BSPT (male)
 149 = 1 1/2" Victaulic
 150 = 2 1/2" Victaulic
 151 = Flange 1" DIN 11864-2
 152 = Flange 2" DIN 11864-2
 153 = Flange Ø 135, 8 x M6
 154 = 4" BSPT (female)
 155 = 4" BSPT (male)
 156 = Weld flange 2" Ø 61,5 ID
 157 = 3" BSPT (female)
 158 = Weld end 1 1/2" Ø 48 OD
 159 = Thread TR 57 x 4
 160 = Flange 2" BS10 Table D
 161 = Flange 12" ANSI Class 150
 162 = Flange 10" ANSI Class 150
 163 = Flange DN 250 PN 16
 164 = M130 x 6 (female)
 165 = Flange 10" ANSI Class 300
 166 = ACME 1 1/4" (female)
 167 = ACME 1 1/2" (female)
 168 = ACME 2 1/4" (female)
 169 = ACME 3 1/4" (female)
 170 = ACME 1 1/4" (male)
 171 = ACME 1 1/2" (male)
 172 = ACME 2 1/4" (male)
 173 = ACME 3 1/4" (male)
 174 = Weld.flange Ø 76 (outer chamfer)
 175 = Flange DN 15 PN 10/16
 176 = Flange DN 15 PN 25/40
 177 = M130 x 6 (male)
 178 = Flange 6" T.T.M.A.
 179 = Flange DN 80 PN 25/40***
 180 = 1/2" NPT (male)
 181 = 1/2" BSP (male)
 182 = 5" BSP (female)
 183 = 5" BSP (male)
 184 = Weld end 8" Ø 219 OD
 185 = Weld end 6" Ø 168 OD
 186 = Flange DN 250 PN 25
 187 = Flange 2" T.T.M.A.
 188 = Flange 3" BS10 Table D
 189 = Flange 1/2" ANSI Class 150
 190 = Flange 1" ANSI Class 150 Flat Face
 191 = Flange 12" ANSI Class 300
 192 = Flange DN 250 PN 10
 193 = Weld end Ø 114 Schedule 40
 194 = Weld end Ø 114 Schedule 80
 195 = 6" Victaulic
 196 = 1" Victaulic
 197 = DN 125 JIS 5K
 198 = DN 100 JIS 5K
 199 = DN 80 JIS 5K
 200 = DN 50 JIS 5K
 201 = DN 40 JIS 5K
 202 = Flange 2" DIN 11864-3
 203 = 3 1/2" BSP (female)
 204 = Flange Ø 110, Ø 86/Ø 5.5 (6x)
 205 = Weld end Ø 60 Schedule 80
 206 = Weld end Ø 89 Schedule 40
 207 = Weld end Ø 89 Schedule 80
 208 = Flange DN 25 PN 6
 209 = Flange DN 32 PN 6
 210 = Flange DN 40 PN 6
 211 = DN 125 JIS 10K
 212 = DN 100 JIS 10K
 213 = DN 80 JIS 10K
 214 = DN 50 JIS 10K
 215 = DN 40 JIS 10K
 216 = Flange DN 80, holes Ø 14 (6x)
 217 = Flanges 5" ANSI Class 300

NOTE: When swivels are chosen (first sign: D), the second and the third sign indicate thread side 1 one, the fourth and the fifth sign the second outlet indicate thread side 2.

Design may change without notice.

4. Version

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|--------------------------------------|---|------------------------------|
| A = Version No.1 (machined from bar) | G = Drain connection | P = Pressure (Custom) |
| B = Version No.2 (casted) | H = Leaf spring lock | S = Sight Glass |
| C = Version No.3 (kokill casted) | I = Bent (dropped) Tank Unit, short (15°) | T = Transparent |
| D = Sep. piston guide | J = Bent (dropped) Tank Unit (15°) | U = Stop before disconnected |
| E = Injection moulded | K = Short Tank Unit/ Swivel | |
| F = 6" Flange Hydrant | N = Non Return Valve | |

5. Material Coupling and Body

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|---------------------------------|---------------|
| 1 = Aluminium | 6 = Titan |
| 2 = Brass | 7 = Hastelloy |
| 3 = Steel | 8 = PVDF |
| 4 = Edelstahl 1.4408 (AISI 316) | 9 = PEEK |
| 5 = Edelstahl 1.4301 (AISI 304) | |

6. Material in the Innerparts

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|------------------------------|-------------|---------------|
| 1 = Aluminium | K = Inconel | 6 = Titan |
| 2 = Brass | | 7 = Hastelloy |
| 3 = Steel | | 8 = PVDF |
| 4 = Stainless steel A4 (316) | | 9 = PEEK |
| 5 = Stainless steel 1.4301 | | K = Inconel |

7. O-Rings

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|------------------------------------|--------------------------------------|---|
| 01 = Viton® (FPM/FKM) | 16 = Hypalon® (CSM) | 34 = Kalrez® 0040 |
| 02 = Nitrile (NBR) | 17 = Chemraz® 505 (FFKM) | 37 = Chemraz® 510 (90 Shore) |
| 03 = EPDM | 18 = Xyflour® 860 (AFKM) | 40 = FEP or PTFE encapsulated Viton® |
| 04 = Kalrez® (FFKM) 6375 | 19 = Zetpol® / Therban® (HNBR) | 50 = Kalrez® (PFPM) 1050LF |
| 05 = NBR Low temp | 20 = NBR 90° shore | 51 = Nylon® (PA) |
| 06 = Teflon® (PTFE) | 21 = Viton®-GF (Special Viton quali) | 61 = Viton® (FPM), FDA, USP C6 & ADI |
| 07 = Neoprene® (CR) | 22 = Composite | 62 = Nitrile (NBR), FDA, USP C6 & ADI |
| 08 = Silicone (Q) | 23 = Viton® GFLT-S | 63 = EPDM, FDA, USP C6 & ADI |
| 09 = Polyurethane (PUR) | 24 = Viton® GLT | 64 = Kalrez® (FFKM) 6230, FDA, USP C6 & ADI |
| 10 = Butyl (IIR) | 25 = Klingerit® | 66 = PTFE (Virgin), FDA |
| 11 = Nitrile (Gasol NBR 70 K-6) | 26 = POM | 71 = FPM/FKM Low Temp |
| 12 = Perfluorelastomer (FFPM/FFKM) | 27 = Epiclorhydrin (ECO) | 77 = Chemraz® SD517, FDA, USP C6 & ADI |
| 13 = PVC/NBR | 28 = Viton® GFLT-S NMO | 83 = EPDM, BAM certified for oxygene |
| 14 = Fluorsilicone rubber (MFQ) | 31 = Viton® 90 Shore (FPM/FKM) | |
| 15 = FEP encapsulated silicone | 33 = EPDM 291 | |

8. Flat (Thread) Seals / Extras

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|---------------------------------------|--|--------------------------------------|
| A = Flat Seal, Teflon® (PTFE) | M = Two-Step Cam Curve | U20 = Pressure Bleeding valve 20 bar |
| B = Flat Seal, Vulkollan® (PUR) | N = No Branding | V = Locked Hose Unit |
| C = 2-Way Ball Valve | NA = Ball Valve w. square trunnion (no actuator) | W = Swivel with double ball valve |
| D = Flat Seal, Viton® (FPM) | P = Pressure Equalizing Valve | X = Special surface treatment |
| DA = Double Acting (Ball Valve) | Q = Sampling Vent & Drain Unit with reduced bore diameter (Argus, Hydrant) | Z = Excentric Tank Unit |
| E = Tank Unit with short piston | R = Hose Unit with int. Break Away | -RA = Racing |
| F = Flange thickness acc. to standard | S = Sampling Vent & Drain Unit, only with one ball valve | -LC = Locking Cap |
| G = Flat Seal, Hypalon® | SR = Spring Return (Ball Valve) | -S = FEP O-Ring in Hose Unit swivel |
| H = Flat Seal, Nitrile (NBR) | T = TW-Flange extended circles | -ST = Steam |
| I = Emco compatible | U = Pressure Bleeding Valve 16 bar | -XL = Oversized swivel |
| J = Flat Seal, EPDM | U5 = Pressure Bleeding Valve 5 bar | -45 = 45 Mesh |
| K = Adapter with locked piston guide | | -60 = 60 Mesh |
| L = Locked thread (maggot screw) | | -10 = 100 Mesh |

