

TUBE & NPS, JIS PIPE SIZES																																																												
<p>MATERIAL S = STAINLESS STEEL</p> <p>ASSEMBLY PATTERN STR = STRAIGHT</p> <p>DHC = DOUBLE HORIZONTAL CROSS SHC = SINGLE HORIZONTAL CROSS DHT = DOUBLE HORIZONTAL TEE DVT = DOUBLE VERTICAL TEE DAV = DOUBLE ANGLE VALVE DSS = DOUBLE SINGLE SIDED SSR = SINGLE STRAIGHT REDUCER</p> <p>MAIN TUBE/PIPE SIZES</p> <table> <tbody> <tr><td>04 = 1/4" O.D. X .035" WALL</td><td>15 = DN15 (NPS 1/2 / JIS 15A)</td></tr> <tr><td>06 = 3/8" O.D. X .035" WALL</td><td>20 = DN20 (NPS 3/4 / JIS 20A)</td></tr> <tr><td>08 = 1/2" O.D. X .049" WALL</td><td>25 = DN25 (NPS 1 / JIS 25A)</td></tr> <tr><td>12 = 3/4" O.D. X .065" WALL</td><td>32 = DN32 (NPS 1-1/4 JIS 32A)</td></tr> <tr><td>16 = 1" O.D. X .065" WALL</td><td>40 = DN40 (NPS 1-1/2 / JIS 40A)</td></tr> <tr><td>24 = 1-1/2" O.D. X .065" WALL</td><td>50 = DN50 (NPS 2 / JIS 50A)</td></tr> <tr><td>32 = 2" O.D. X .065" WALL</td><td>65 = DN65 NPS 2-1/2 JIS 65A)</td></tr> <tr><td>40 = 2-1/2" O.D. X .065" WALL</td><td>80 = DN80 (NPS 3 / JIS 80A)</td></tr> <tr><td>48 = 3" O.D. X .065" WALL</td><td>100 = DN100 NPS 4 / JIS 100A)</td></tr> <tr><td>64 = 4" O.D. X .083" WALL</td><td>150 = DN 150 (NPS 6 / JIS 150A)</td></tr> <tr><td>96 = 6" O.D. X .109" WALL</td><td>200 = DN200 (NPS 8 / JIS 200A)</td></tr> <tr><td></td><td>250 = DN250 (NPS 10 / JIS 250A)</td></tr> <tr><td></td><td>300 = DN300 (NPS 12 / JIS 300A)</td></tr> <tr><td></td><td>350 = DN350 (NPS 14 / JIS 350A)</td></tr> </tbody> </table> <p>MAIN TUBE/PIPE CONNECTIONS</p> <p>A = JIS (SCH 5) PIPE BUTTWELD INLET / OUTLET B = TUBE BUTTWELD INLET, TUBE BUTTWELD OUTLET W/ WELDED CAP C = COMPRESSION FITTING INLET AND OUTLET D = JIS (SCH 10) PIPE BUTTWELD INLET / OUTLET E = TUBE BUTTWELD INLET, FNPT OUTLET F = FACE-SEAL FIXED MALE INLET AND OUTLET G = TUBE BUTTWELD INLET , FACE-SEAL FIXED MALE OUTLET H = COMPRESSION FITTING INLET , TUBE BUTTWELD OUTLET J = TUBE BUTTWELD INLET , COMPRESSION FITTING OUTLET K = FACE-SEAL FIXED MALE INLET, TUBE BUTTWELD OUTLET L = NPS (SCH 10) PIPE BUTTWELD INLET / OUTLET M = TUBE BUTTWELD INLET AND OUTLET N = TUBE BUTTWELD INLET, B16.5 CLASS 150 FLANGE OUTLET P = B16.5 CLASS 150 FLANGE INLET AND OUTLET Q = COMPRESSION FITTING W/PLUG INLET, TUBE BUTTWELD OUTLET R = TUBE BUTTWELD INLET, COMPRESSION FITTING W/PLUG OUTLET S = FNPT INLET / OUTLET</p> <p>BRANCH VALVE(S) OUTLET SIZE</p> <table> <tbody> <tr><td>04 = 1/4" O.D X .035" WALL</td><td>XX = NO BRANCH VALVE(S)</td></tr> <tr><td>06 = 3/8" O.D X .035" WALL</td><td>15 = DN15 (NPS 1/2 / JIS 15A)</td></tr> <tr><td>08 = 1/2" O.D X .049" WALL</td><td>20 = DN20 (NPS 3/4 / JIS 20A)</td></tr> <tr><td>12 = 3/4" O.D X .065" WALL</td><td>25 = DN25 (NPS 1 / JIS 25A)</td></tr> <tr><td>16 = 1" O.D X .065" WALL</td><td>32 = DN32 (NPS 1-1/4 / JIS 32A)</td></tr> <tr><td>24 = 1-1/2" O.D X .065" WALL</td><td>40 = DN40 (NPS 1-1/2 / JIS 50A)</td></tr> <tr><td>32 = 2" O.D X .065" WALL</td><td>50 = DN50 (NPS 2 / JIS 50A)</td></tr> <tr><td>40 = 2-1/2" O.D X .065" WALL</td><td>65 = DN65 (NPS 2-1/2 / JIS 65A)</td></tr> <tr><td>48 = 3" O.D X .065" WALL</td><td>80 = DN80 (NPS 3 / JIS 80A)</td></tr> <tr><td>64 = 4" O.D X .083" WALL</td><td>100 = DN100 (NPS 4 / JIS 100A)</td></tr> <tr><td>96 = 6" O.D .109" WALL</td><td>150 = DN150 (NPS 6 / JIS 150A)</td></tr> </tbody> </table>											04 = 1/4" O.D. X .035" WALL	15 = DN15 (NPS 1/2 / JIS 15A)	06 = 3/8" O.D. X .035" WALL	20 = DN20 (NPS 3/4 / JIS 20A)	08 = 1/2" O.D. X .049" WALL	25 = DN25 (NPS 1 / JIS 25A)	12 = 3/4" O.D. X .065" WALL	32 = DN32 (NPS 1-1/4 JIS 32A)	16 = 1" O.D. X .065" WALL	40 = DN40 (NPS 1-1/2 / JIS 40A)	24 = 1-1/2" O.D. X .065" WALL	50 = DN50 (NPS 2 / JIS 50A)	32 = 2" O.D. X .065" WALL	65 = DN65 NPS 2-1/2 JIS 65A)	40 = 2-1/2" O.D. X .065" WALL	80 = DN80 (NPS 3 / JIS 80A)	48 = 3" O.D. X .065" WALL	100 = DN100 NPS 4 / JIS 100A)	64 = 4" O.D. X .083" WALL	150 = DN 150 (NPS 6 / JIS 150A)	96 = 6" O.D. X .109" WALL	200 = DN200 (NPS 8 / JIS 200A)		250 = DN250 (NPS 10 / JIS 250A)		300 = DN300 (NPS 12 / JIS 300A)		350 = DN350 (NPS 14 / JIS 350A)	04 = 1/4" O.D X .035" WALL	XX = NO BRANCH VALVE(S)	06 = 3/8" O.D X .035" WALL	15 = DN15 (NPS 1/2 / JIS 15A)	08 = 1/2" O.D X .049" WALL	20 = DN20 (NPS 3/4 / JIS 20A)	12 = 3/4" O.D X .065" WALL	25 = DN25 (NPS 1 / JIS 25A)	16 = 1" O.D X .065" WALL	32 = DN32 (NPS 1-1/4 / JIS 32A)	24 = 1-1/2" O.D X .065" WALL	40 = DN40 (NPS 1-1/2 / JIS 50A)	32 = 2" O.D X .065" WALL	50 = DN50 (NPS 2 / JIS 50A)	40 = 2-1/2" O.D X .065" WALL	65 = DN65 (NPS 2-1/2 / JIS 65A)	48 = 3" O.D X .065" WALL	80 = DN80 (NPS 3 / JIS 80A)	64 = 4" O.D X .083" WALL	100 = DN100 (NPS 4 / JIS 100A)	96 = 6" O.D .109" WALL	150 = DN150 (NPS 6 / JIS 150A)
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<p>* PURGE PORT SIZES</p> <p>1/4" PURGE PORT IS USED FOR VALVE SIZES UP TO 2" TUBE & DN50 PIPE (NPS 2 / JIS 50A). 1/2" PURGE PORT IS USED FOR VALVE SIZES LARGER THAN 2" & DN50 PIPE (NPS 2 / JIS 50A).</p>																																																												