

**Note:** Not all possible part number combinations are available. Please contact Valex for availability.  
Statement of PED approval available upon request.

TUBE & NPS , JIS PIPE SIZES																																																															
<p><b>MATERIAL</b> S = STAINLESS STEEL</p> <p><b>ASSEMBLY PATTERN</b> STR = STRAIGHT DHC = DOUBLE HORIZONTAL CROSS SHC = SINGLE HORIZONTAL CROSS DHT = DOUBLE HORIZONTAL TEE DVT = DOUBLE VERTICAL TEE DAV = DOUBLE ANGLE VALVE DSS = DOUBLE SINGLE SIDED</p> <p><b>MAIN TUBE/PIPE SIZES</b></p> <table border="0"> <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> </table> <p><b>MAIN TUBE/PIPE CONNECTIONS</b></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 INTLET, 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</p> <p><b>BRANCH VALVE(S) OUTLET SIZE</b></p> <table border="0"> <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> </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)	<p><b>HANDLE SLEEVE COLOR</b></p> <table border="0"> <tr><td>0 = N/A</td><td>N = BROWN</td></tr> <tr><td>B = BLUE</td><td>P = PURPLE</td></tr> <tr><td>D = GOLD</td><td>R = RED</td></tr> <tr><td>G = GREEN</td><td>S = SILVER</td></tr> <tr><td>I = PINK</td><td>W = WHITE</td></tr> <tr><td>K = BLACK</td><td>Y = YELLOW</td></tr> </table> <p><b>SECTION 9.0 IDENTIFIER</b>            E = 10 RA ELECTROPOLISHED            L = 10 RA ELECTROPOLISHED, OXYGEN-COMPATIBLE LUBE            M = STANDARD FINISH OPTION (PER SP-9217)</p> <p><b>OUTLET PURGE PORT*</b></p> <p>X = NO PURGE PORT            C = COMPRESSION FITTING            D = PURGE DRILL (OPEN TO ATMOSPHERE )            P = COMPRESSION FITTING W/PLUG            S = FACE-SEAL (SWIVEL MALE NUT W/CAP )            T = PURGE TUBE (OPEN TO ATMOSPHERE )            U = FACE-SEAL (SWIVEL FEMALE NUT W/PLUG)            V = PURGE VALVE W/ COMPRESSION FITTING</p> <p><b>INLET PURGE PORT*</b></p> <p>X = NO PURGE PORT            C = COMPRESSION FITTING            D = PURGE DRILL (OPEN TO ATMOSPHERE)            P = COMPRESSION FITTING W/PLUG            S = FACE-SEAL (SWIVEL MALE NUT W/CAP)            T = PURGE TUBE (OPEN TO ATMOSPHERE)            U = FACE-SEAL (SWIVEL FEMALE NUT W/PLUG)            V = PURGE VALVE W/COMPRESSION FITTING</p> <p><b>CONNECTION ON BRANCH VALVE(S)</b></p> <p>X = NO BRANCH VALVE(S)            A = JIS (SCH 5) PIPE BUTTWELD            B = TUBE BUTTWELD W/WELDED CAP            C = COMPRESSION FITTING            D = NPS (SCH 10) W/B16.5 CLASS 150 FLANGE            E = FEMALE NPT NATIONAL PIPE THREAD            F = FACE-SEAL FIXED MALE            L = NPS (SCH 10 ) PIPE BUTTWELD            M = TUBE BUTTWELD            P = COMPRESSION FITTING W/PLUG</p> <p><b>* PURGE PORT SIZES</b>            1/4" PURGE PORT IS USED FOR VALVE SIZES UP TO 2" TUBE &amp; DN50 PIPE (NPS 2 / JIS 50A).            1/2" PURGE PORT IS USED FOR VALVE SIZES LARGER THAN 2" &amp; DN50 PIPE (NPS 2 / JIS 50A).</p>	0 = N/A	N = BROWN	B = BLUE	P = PURPLE	D = GOLD	R = RED	G = GREEN	S = SILVER	I = PINK	W = WHITE	K = BLACK	Y = YELLOW
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)																																																														
0 = N/A	N = BROWN																																																														
B = BLUE	P = PURPLE																																																														
D = GOLD	R = RED																																																														
G = GREEN	S = SILVER																																																														
I = PINK	W = WHITE																																																														
K = BLACK	Y = YELLOW																																																														