

TUBE & NPS, JIS PIPE SIZES													
		S	-STR	40	A	-XX	X	S	S - M B				
		Material						Handle Sleeve Color					
		S = Stainless Steel						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					
		Assembly Pattern						Section 9.0 Identifier					
		STR = straight DCH = double horizontal cross SCH = single horizontal cross DHT = double horizontal tee DVT = double vertical tee DAV = double angle valve DSS = double single sided		SSR=Single Straight Reducer				E = 10 Ra electropolished L = 10 Ra electropolished,oxygen-compatible lubricant M = Standard Finish Option (per SP-9217)					
				Main Tube/Pipe Sizes				Outlet Purge Port*					
				04 = 1/4" o.d.x.0.035" wall 15 = DN15 (NPS 1/2 JIS 15A) 06 = 3/8" o.d.x.0.035" wall 20 = DN20 (NPS 3/4 JIS 20A) 08 = 1/2" o.d.x.0.049" wall 25 = DN25 (NPS 1/ JIS 25A) 12 = 3/4" o.d.x.0.065" wall 32 = DN32 (NPS 1-1/4 JIS 32A) 16 = 1" o.d.x.0.065" wall 40 = DN40 (NPS 1-1/2 JIS 40A) 24 = 1-1/2" o.d.x.0.065" wall 50 = DN50 (NPS 2/ JIS 50A) 32 = 2" o.d.x.0.065" wall 65 = DN65 (NPS 2-1/2 JIS 65A) 40 = 2-1/2" o.d.x.0.065" wall 80 = DN80 (NPS 3/ JIS 80A) 48 = 3" o.d.x.0.065" wall 100 = DN100 (NPS 4/ JIS 100A) 64 = 4" o.d.x.0.083" wall 150 = DN150 (NPS 6/ JIS 150A) 96 = 6" o.d.x.0.109" 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)								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 W = purge valve w/ compression fitting w/plug	
				Main Tube/Pipe Connections				Inlet Purge Port*					
				A = JIS (sch 5) pipe butt weld inlet/outlet B = tube butt weld inlet, tube butt weld outlet w/welded cap C = compression fitting inlet and outlet D = JIS (sch 10) pipe butt weld inlet/outlet E = tube butt weld inlet, FNPT outlet F = face-seal fixed male inlet and outlet G = tube butt weld inlet, face-seal fixed male outlet H = compression fitting inlet, tube butt weld outlet J = tube butt weld inlet, compression fitting outlet K = face-seal fixed male inlet, tube butt weld outlet L = NPS (sch 10) pipe butt weld inlet/outlet M = tube butt weld inlet and outlet N = tube butt weld inlet, B16.5 Class 150 Flange outlet P = B16.5 Class 150 Flange inlet and outlet Q = compression fitting w/plug inlet, tube butt weld outlet R = tube butt weld inlet, compression fitting w/plug outlet S = FNPT Inlet/Outlet								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 W = purge valve w/ compression fitting w/plug	
				Branch Valve(s) Outlet Size				Connection On Branch Valves(s)					
				04 = 1/4" o.d.x.0.035" wall XX = no branch valve(s) 06 = 3/8" o.d.x.0.035" wall 15 = DN15 (NPS 1/2 JIS 15A) 08 = 1/2" o.d.x.0.049" wall 20 = DN20 (NPS 3/4 JIS 20A) 12 = 3/4" o.d.x.0.065" wall 25 = DN25 (NPS 1/ JIS 25A) 16 = 1" o.d.x.0.065" wall 32 = DN32 (NPS 1-1/4 JIS 32A) 24 = 1-1/2" o.d.x.0.065" wall 40 = DN40 (NPS 1-1/2 JIS 40A) 32 = 2" o.d.x.0.065" wall 50 = DN50 (NPS 2/ JIS 50A) 40 = 2-1/2" o.d.x.0.065" wall 65 = DN65 (NPS 2-1/2 JIS 65A) 48 = 3" o.d.x.0.065" wall 80 = DN80 (NPS 3/ JIS 80A) 64 = 4" o.d.x.0.083" wall 100 = DN100 (NPS 4/ JIS 100A) 96 = 6" o.d.x.0.109" wall 150 = DN150 (NPS 6/ JIS 150A)								X = no branch valve A = JIS (sch 5) pipe butt weld B = tube butt weld 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 butt weld M = tube butt weld P = compression fitting w/plug	

* Purge port sizes

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).