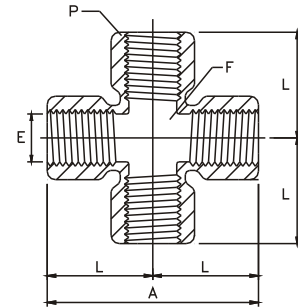
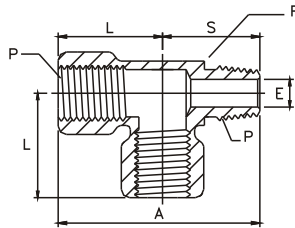


STREET ELBOW

MALE & FEMALE NPT SIZE P	BASIC ORDERING NUMBER	MIN OPENING E	WRENCH FLAT F	L	S
1/16	-1-WPSC	0.12	1/2	0.86	0.88
1/8	-2-WPSC	0.19	9/16	1.04	0.87
1/4	-4-WPSC	0.28	3/4	1.17	1.17
3/8	-6-WPSC	0.38	7/8	1.42	1.26
1/2	-8-WPSC	0.47	1-1/16	1.56	1.56
3/4	-12-WPSC	0.62	1-5/16	1.92	1.67
1	-16-WPSC	0.88	1-1/2	1.91	1.94

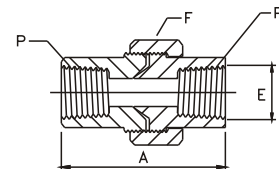
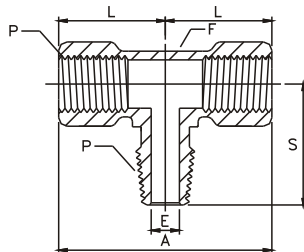


STREET TEE

MALE & FEMALE NPT SIZE P	BASIC ORDERING NUMBER	A	MIN OPENING E	WRENCH FLAT F	L	S
1/8	-2-ST	1.91	0.19	9/16	1.04	0.87
1/4	-4-ST	2.34	0.28	3/4	1.17	1.17
3/8	-6-ST	2.68	0.38	7/8	1.42	1.26
1/2	-8-ST	3.12	0.47	1-1/16	1.56	1.56

CROSS

FEMALE NPT SIZE P	BASIC ORDERING NUMBER	A	MIN OPENING E	WRENCH FLAT F	L
1/8	-2-CS	2.08	0.34	9/16	1.04
1/4	-4-CS	2.34	0.45	3/4	1.17
3/8	-6-CS	2.84	0.59	7/8	1.42
1/2	-8-CS	3.12	0.73	1-1/16	1.56
3/4	-12-CS	3.84	0.94	1-5/16	1.92
1	-16-CS	3.82	1.17	1-1/2	1.91



BRANCH TEE

MALE & FEMALE NPT SIZE P	BASIC ORDERING NUMBER	A	MIN OPENING E	WRENCH FLAT F	L	S
1/8	-2-BT	2.08	0.19	9/16	1.04	0.87
1/4	-4-BT	2.34	0.28	3/4	1.17	1.17
3/8	-6-BT	2.84	0.38	7/8	1.42	1.26
1/2	-8-BT	3.12	0.47	1-1/16	1.56	1.56

UNION BALL JOINT

FEMALE NPT SIZE P	ORDERING NUMBER	A	MIN OPENING E	WRENCH FLAT F	L
1/8	SS-2-UBJ	1.81	0.27	1-1/8	1-5/16
1/4	SS-4-UBJ	2.34	0.36	1-3/8	1-3/16
3/8	SS-6-UBJ	2.50	0.52	1-1/2	1-5/16
1/2	SS-8-UBJ	2.69	0.62	1-3/4	1-5/8
3/4	SS-12-UBJ	3.12	0.88	2	1-7/8
1	SS-16-UBJ	3.56	1.03	2-1/2	2-3/8

All dimensions are for reference purpose only & subject to change.