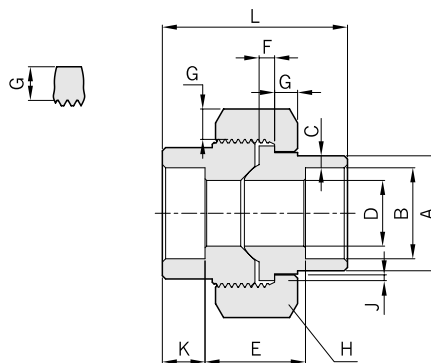
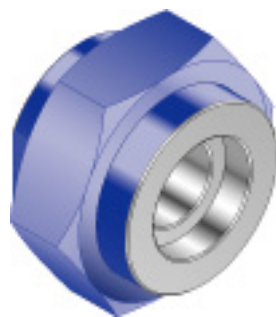


Union
SWUR



MSS SP-83

Nom. Pipe Size	DN	Pipe End Min.	Socket Bore Dia.	Socket Wall Min.	Water Way Bore	Laying Length	Male Flange Min.	Nut Min.	Bearing Min.	Depth of Socket Min.	Length Assem. Normal	Width Flats
		A	B	C	D	E	F	G	J	K	L	H
1/8	6	21.8	10.92 10.67	3.17	6.83 6.43	22.4 19.0	3.17	3.17	1.24	9.6	41.1	HEX. 30.0
1/4	8	21.8	14.22 13.97	3.30	9.85 9.45	22.4 19.0	3.17	3.17	1.24	9.6	41.4	HEX. 36.0
3/8	10	25.9	17.78 17.53	3.48	13.92 13.51	26.9 20.6	3.43	3.43	1.37	9.6	46.0	HEX. 41.0
1/2	15	31.2	21.84 21.59	4.06	17.47 17.07	26.9 20.6	3.68	3.68	1.50	9.6	49.0	HEX. 46.0
3/4	20	37.1	27.18 26.92	4.27	21.79 21.39	31.8 25.4	4.06	4.06	1.68	12.7	56.9	HEX. 55.0
1	25	45.5	34.04 33.78	4.95	28.14 27.74	34.3 26.2	4.57	4.44	1.85	12.7	62.0	HEX. 60.0
1 1/4	32	54.9	42.67 42.42	5.28	35.76 35.36	40.6 32.5	5.33	5.21	2.13	12.7	71.1	OCT. 75.0
1 1/2	40	61.5	48.77 48.51	5.54	41.61 41.20	42.2 34.0	5.84	5.59	2.31	12.7	76.5	OCT. 85.0
2	50	75.2	61.47 61.21	6.05	52.53 52.12	45.5 37.3	6.60	6.35	2.69	15.8	86.1	OCT. 94.0

All dimensions are in millimeters.