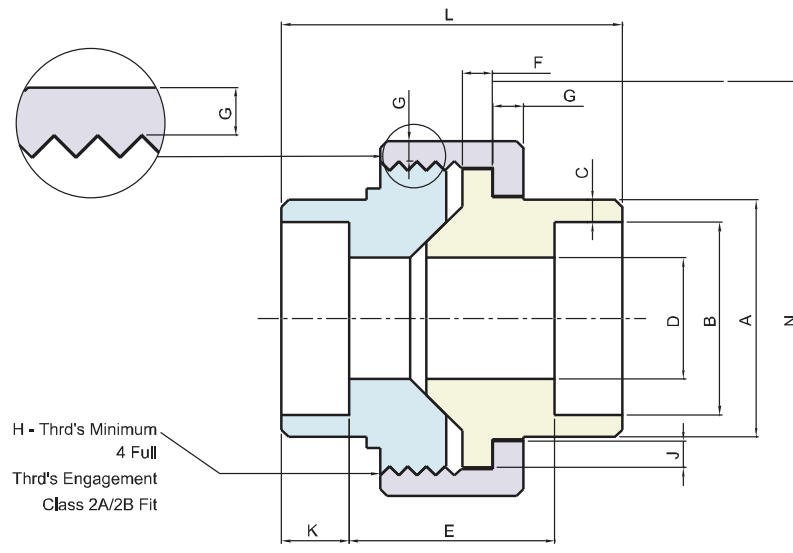


UNION

3000#



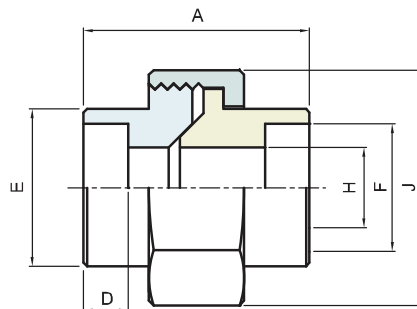
MSS SP-83

(mm)

Pipe Size	Pipe End Min. A	Socket Bore Dia. B	Socket Wall Min. C	Water Way Bore D	Laying Length E	Male Flange Min. F	Nut Min. G	Thrd's Per 25.4 Max. H	Bearing Min. J	Depth Of Socket Min. K	Length Assem. Nominal L	Clear Assem. Nut N
1/8	21.8	10.92 10.67	3.17	6.83 6.43	22.4 19.0	3.17	3.17	16	1.24	9.6	41.1	49.0
1/4	21.8	14.22 13.97	3.30	9.85 9.45	22.4 19.0	3.17	3.17	16	1.24	9.6	41.4	49.0
3/8	25.9	17.78 17.53	3.48	13.92 13.51	26.9 20.6	3.43	3.43	14	1.37	9.6	46.0	55.0
1/2	31.2	21.84 21.59	4.06	17.47 17.07	26.9 20.6	3.68	3.68	14	1.50	9.6	49.0	57.0
3/4	37.1	27.18 26.92	4.27	21.79 21.39	31.8 25.4	4.06	4.06	11	1.68	12.7	56.9	67.0
1	45.5	34.04 33.78	4.95	28.14 27.74	34.3 26.2	4.57	4.44	11	1.85	12.7	62.0	79.0
1-1/4	54.9	42.67 42.42	5.28	35.76 35.39	40.6 32.5	5.33	5.21	11	2.13	12.7	71.1	94.0
1-1/2	61.5	48.77 48.51	5.54	41.61 41.20	42.2 34.0	5.84	5.59	10	2.31	12.7	76.5	111.0
2	75.2	61.47 61.21	6.05	52.53 52.12	45.5 37.3	6.60	6.35	10	2.69	15.8	86.1	132.0
2-1/2	91.7	74.17 73.66	7.65	64.72 64.31	61.7 52.1	7.49	7.11	8	3.07	15.8	102.4	148.0
3	109.2	90.17 89.66	8.31	77.67 77.27	63.8 53.6	8.25	8.00	8	3.53	15.8	109.0	175.0

UNION

3000# 6000#



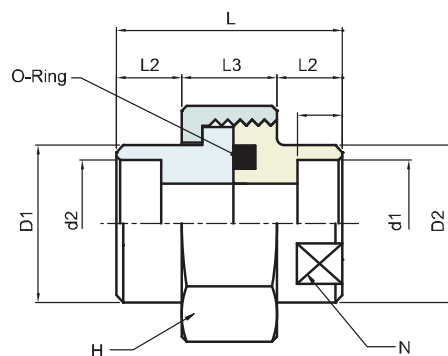
STANDARD

(mm)

Nom Size	A		D		E		F		H		J (Flat)		unit weight (kg)	
	3000	6000	3000	6000	3000	6000	3000	6000	3000	6000	3000	6000	3000	6000
1/4	45	51	9.5	9.5	21	24.5	14.3	14.3	7.8	6.5	32	38	0.23	0.25
3/8	51	54	9.5	9.5	24.5	31.5	17.8	17.8	10.9	9	38	46	0.35	0.42
1/2	54	57	9.5	9.5	31.5	41.5	22.2	22.2	14.3	12.3	46	51	0.40	0.85
3/4	57	64	13	13	37.5	41.5	27.7	27.7	19.4	16.2	51	60	0.50	1.00
1	64	72	13	13	44.5	48.8	34.5	34.5	25.0	21.2	60	72	0.70	1.30
1-1/4	72	80	13	13	54	56	43.2	43.2	32.9	29.9	72	77	1.20	2.00
1-1/2	80	89	13	13	61.5	69	49.1	49.1	38.4	34.4	80	94	1.50	3.80
2	89	110	16	16	74.5	90	61.1	61.1	49.5	43.1	94	120	2.58	6.40

UNION (O-RING TYPE)

3000#



Rating Pressure : 210kg/cm²
Temperature : 120 ° C MAX

(mm)

Nom Size	d1	d2	D1	D2	L1	L2	L3	L	N	H	O-RING
1/4	10	14.3	22	24	10	10	18	38	21	35HEX	P18
3/8	12	17.8	27	30	10	10	18	38	26	41HEX	P20
1/2	16	22.2	32	35	12	12	20	44	32	46HEX	G25
3/4	20	27.7	37	41	12	12	26	50	38	54HEX	G30
1	25	34.5	44	48	15	15	26	56	44	63HEX	G35
1-1/4	32	43.2	54	58	15	15	30	60	54	75HEX	G45
1-1/2	38	49.1	63	65	18	18	36	72	60	80OCT	G50
2	48	61.1	76	80	18	18	36	72	75	95OCT	G65