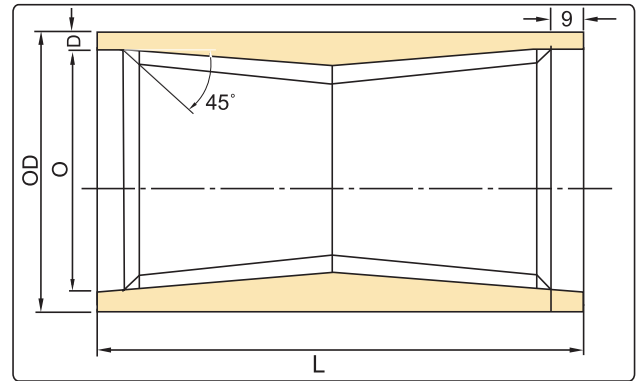
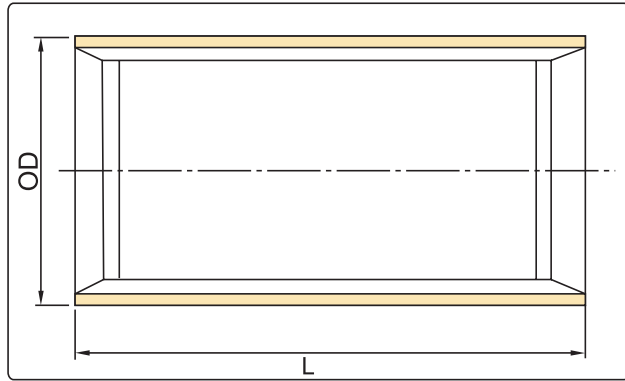


SOCKET / SLEEVE & NIPPLE

**SOCKET
SLEEVE
NIPPLE**



SOCKET



Socket Product of Standards

Unit : mm

Item		JIS B2302		BS 1387		BS 1387 SOCKET		ISO 50R(DIN) SOCKET		TPI	ASTM A53 Coupling		TPI
Dia & Lenagth		OD	L	OD	L	OD	L	OD	L	Number	OD	L	Number
Nominal Size													
8A	1/4	17	25	18.5	25	18.5	27	18.5	25	19	18.26	30.2	18
10A	3/8	21	26	21.3	26	22	28	21.3	26	19	22.23	30.2	18
15A	1/2	25	33	26.4	34	27	37	26.4	34	14	27.00	39.7	14
20A	3/4	31	36	31.8	36	32.5	39	31.8	36	14	33.40	41.3	14
25A	1	38	43	39.5	43	39.5	46	39.5	43	11	40.00	50.8	11 1/2
32A	1 1/4	47	48	48.3	48	49	51	48.3	48	11	48.30	52.4	11 1/2
40A	1 1/2	53	48	54.5	48	56	51	54.5	48	11	55.90	54.0	11 1/2
50A	2	66	56	66.3	56	68	60	66.3	56	11	69.90	79.4	11 1/2
65A	2 1/2	82	65	82.0	65	84	69	82.0	65	11	82.60	82.6	8
80A	3	95	70	95.0	71	98	75	95.0	71	11	101.60	85.7	8
90A	3 1/2					110	79			11	117.50	88.9	8
100A	4	121	84	122.0	83	124	87	122	83	11	127.00	95.25	8
125A	5			147.0	92	151	96	147	92	11	159.00	101.6	8
150A	6			174.0	92	178	96	174	92	11	187.71	101.6	8

SOCKET

Specification for Oil (API)

Unit : mm

Nominal Size	TPI	Outside Diameter	Minimum Length	Recess			Weight (kg)
				Q	b	q	
1/2B	14	27.0±1%	54.0	22.9	1.6	4.0	0.11
3/4B1B	14	33.4±1%	54.0	28.3	1.6	3.9	0.15
1 1/4B	11 1/4	40.0±1%	66.7	35.0	2.4	5.7	0.25
1 1/4B	11 1/4	52.2±1%	69.8	43.8	2.4	5.8	0.47
2B	11 1/4	55.9±1%	69.8	49.9	2.4	6.2	0.41
2 1/4B	11 1/4	73.0±1%	73.0	62.7	3.2	6.0	0.84
2 1/2B	8	85.7±1%	104.8	75.4	4.8	12.5	1.48
3B	8	101.6±1%	108.0	91.3	4.8	12.0	1.86
3 1/4B	8	117.5±1%	111.1	104.0	4.8	11.8	2.69
4B	8	132.1±1%	114.3	116.7	6.4	12.5	3.45
5B	8	159.9±1%	117.5	143.7	6.4	12.8	4.53
6B	8	187.7±1%	123.8	170.7	6.4	14.9	5.87
8B	8	244.5±1%	133.4	221.5	6.4	17.2	10.52
10B	8	298.4±1%	146.0	275.4	9.5	18.8	14.32
12B	8	355.6±1%	155.6	326.2	9.5	20.0	22.37
14B	8	381.0±3.8	161.9	358.0	9.5	18.1	20.81
16B	8	431.8±4.3	171.4	408.8	9.5	16.9	25.35
18B	8	482.6±4.8	181.0	459.6	9.5	17.2	30.20

Specification for Water and Water Wall

Unit : mm

ASTM A-589 (TYPE II)

Nominal Size	TPI	Outside Diameter	Minimum Length	Recess	Recess Depth
1"	11 1/2"	40.1	69.9	35.0	4.76
1 1/4"	11 1/2"	48.3	69.9	43.8	4.76
1 1/2"	11 1/2"	55.9	69.9	49.9	4.76
2"	11 1/2"	69.9	85.8	62.7	4.76
2 1/2"	8"	82.6	100.0	75.4	4.76
3"	8"	101.6	103.2	91.3	4.76
3 1/2"	8"	117.5	106.4	104.0	4.76
4"	8"	132.1	109.5	116.7	4.76
5"	8"	160.0	114.3	143.7	4.76
6"	8"	187.7	119.1	170.7	4.76
8"	8"	244.5	128.1	221.5	4.76
10"	8"	298.5	141.3	275.4	4.76
12"	8"	355.6	150.8	326.2	4.76

SOCKET

ASTM A-589 (TYPE IV)

Unit : mm

Nominal Size	TPI	Outside Diameter	Minimum Length	Recess	Recess Depth
3 1/2B	14	101.6	79.4	91.3	6.4
4B	14	114.3	79.4	104.0	6.4
4 1/2B	14	127.0	92.1	116.7	6.4
5 1/2B	14	153.7	104.8	142.1	6.4
6B	14	168.3	104.8	154.8	6.4
6 5/8B	11 1/2	187.7	117.5	170.7	6.4
8 5/8B	11 1/2	244.5	133.4	221.5	6.4

PUMP COLUMN (Peabody)

Unit : mm

Nominal Size	TPI	Outside Diameter		Length (NL)	Recess		Chamfering DIA	Recess Depth
		Standard	Tolerance		Q±1.6	q±0.2		
4"	8"	129.31	±1.2	92.08	115.89	6.35	115.88~116.00	110.18~110.52
5"	8"	161.29	±1.6	104.78	142.88	6.35	140.18~146.30	136.88~137.52
6"	8"	186.89	±1.8	104.78	169.86	6.35	168.58~168.70	164.16~164.49
8"	8"	239.27	±2.3	117.48	220.66	6.35	219.38~219.50	214.96~215.29
10"	8"	298.45	±2.9	155.58	274.64	6.35	273.52~273.63	268.93~269.27

PUMP COLUMN (J.P Type)

Unit : mm

Nominal Size	TPI	Outside Diameter		Length (NL) + 1, - 0	Recess		Chamfering DIA (+ 0.4, - 0)	Minor Diameter
		Standard	Tolerance		Q±1.6	q±0.2		
4"	8"	127.00	±1.2	92.08	115.89	6.35	114.3	109.43~109.72
5"	8"	158.80	±1.5	104.78	142.88	6.35	146.1	136.43~136.72
6"	8"	185.74	±1.8	104.78	169.86	6.35	168.3	163.40~163.72
8"	8"	241.30	±2.4	117.48	220.66	6.35	219.1	214.20~214.54
10"	8"	298.45	±2.9	155.58	274.64	6.35	273.1	268.18~268.53

Specification for Electric Wire (ANSI, CSA)

Unit : mm

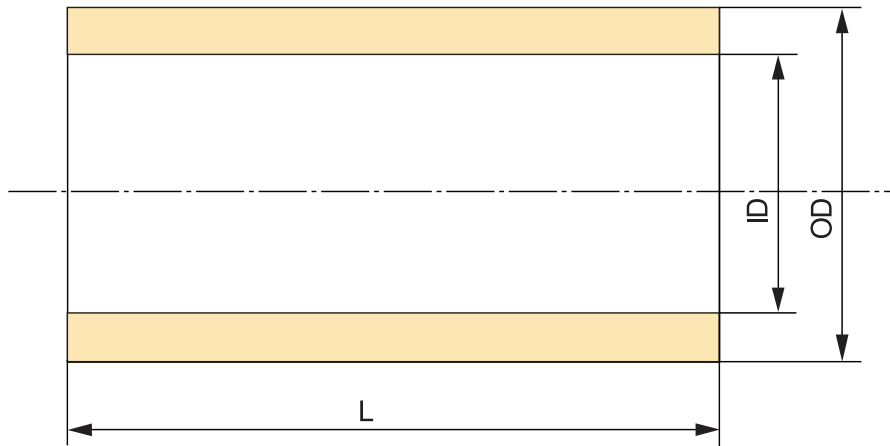
Nominal Size	TPI	Outside Diameter		Minimum Length			Chamfering DIA		Weight
		ANSI UL-6	CSA	ANSI	UL-6	CSA	ANSI, UL-6	CSA + 0 - 1.0	ANSI (g/EA)
1/2"	14	25.7	27.0	41.3	41.3	38.1	20.3-21.3	23.4	52
3/4"	14	31.8	33.3	41.7	41.7	38.9	25.6-26.6	28.7	77
1"	11 1/2	38.7	40.3	50.0	50.0	47.6	32.0-33.0	35.9	136
1 1/4"	11 1/2	47.5	48.3	51.6	51.6	48.4	40.8-41.8	44.6	168
1 1/2"	11 1/2	54.7	55.9	52.4	52.4	48.4	46.9-47.9	50.7	234
2"	11 1/2	67.3	69.8	54.0	54.0	49.2	58.9-59.9	62.7	304
2 1/2"	8	82.6	82.5	81.0	81.0	73.1	71.1-72.6	76.5	760
3"	8	98.3	101.6	84.1	84.1	77.0	87.0-88.5	92.4	946
3 1/2"	8	114.3	114.3	86.5	86.5	78.6	99.7-101.2	105.1	1542
4"	8	123.8	127.0	89.3	89.3	81.0	112.4-113.9	118.7	1288
5"	8	152.4	159.9	100.4	100.4	85.7	140.2-141.7	145.7	2024
6"	8	182.9	187.7	108.0	108.0	87.3	167.4-168.9	172.6	3303

SOCKET

Item	KSB 1533		STS SOKET		JIS B2302		JIS C8330 BC Conduit Coupling		BS 1387 Soket	
	OD	L	OD	L	OD	L	SIZE/OD	L	OD	L
8A (1/4")	18.5	25	17	25	18.5	25			18.5	27
10A (3/8")	21.3	26	21	26	21.3	26			22	28
15A (1/2")	26.4	34	25	33	26.4	34	16BC/25	38	27	37
20A (3/4")	31.8	36	31	36	31.8	36	22BC/31	44	32.5	39
25A (1")	39.5	43	38	43	39.5	43	28BC/37.5	50	39.5	46
32A (1-1/4")	48.3	48	47	48	48.3	48	36BC/48.5	56	49	51
40A (1-1/2")	54.5	48	53	48	54.5	48	42BC/54.5	56	56	51
50A (2")	66.3	56	66	56	66.3	56	54BC/68	64	68	60
65A (2-1/2")	82	65	82	65	82	65	70BC/84	72	84	69
80A (3")	95	71	95	70	95	71	82BC/110.5	80	98	75
90A (3-1/2")							104BC/123.5	85	110.9	79
100A (4")	122	83	121	84	122	83		90	123.8	87
125A (5")	147	92			147	92			150.8	96
150A (6")	174	92			174	92			177.8	96

Item	ISO 50R(DIN) Socket		Threads Number Per Inch	ASTM A53 Somet		ANSI C 80. 1(UL-6) Conduit Coupling		Threads Number Per Inch
	OD	L		OD	L	SIZE/OD	L	
8A (1/4")	18.5	25	19	18.26	28.57			18
10A (3/8")	21.3	26	19	22.23	28.57	22.2	32.90	18
15A (1/2")	26.4	34	14	27	38.1	25.25	41.30	14
20A (3/4")	31.8	36	14	33.4	39.68	31.35	41.7	14
25A (1")	39.5	43	11	40	49.21	38.35	50.80	11-1/2
32A (1-1/4")	48.3	48	11	48.3	50.8	47.2	52.39	11-1/2
40A (1-1/2")	54.5	48	11	55.9	50.8	54.19	52.39	11-1/2
50A (2")	66.3	56	11	69.9	52.38	66.64	54.00	11-1/2
65A (2-1/2")	82	65	11	82.6	77.78	81.72	81.00	8
80A (3")	95	71	11	101.6	80.96	97.35	84.1	8
90A (3-1/2")			11	117.5	84.13	113.16	86.5	8
100A (4")	122	83	11	127	87.31	122.59	89.3	8
125A (5")	147	92	11	159.92	93.66	151.8	100.4	8
150A (6")	174	92	11	187.71	100.01	180.05	106	8

SLEEVE PRODUCT OF STANDARDS



Specification for Sleeve (Sleeve for Ship Fittings)

Unit : mm

Pipe Size		Sleeve			Sleeve Length/Weight				Sleeve Material
ND	OD	OD	ID	t	Pipe Conn		Penetration		
					L	WT/KG	L	WT/KG	
10	17.3	27.2	19.4	3.9	50	0.11	100	0.22	STPG 38*80 20A
15	21.7	34.0	25.0	4.5	50	0.16	100	0.33	STPG 38*80 25A
20	27.2	42.7	29.9	6.4	50	0.29	100	0.57	STPG 38*160 32A
25	34.0	46.0	35.8	5.1	50	0.26	100	0.51	STPG 38*80 40A
32	42.7	55.0	44.0	5.5	50	0.34	100	0.67	STPG 38*80 50A
40	48.6	60.5	49.5	5.5	50	0.37	100	0.75	STPG 38*80 50A
50	60.5	76.3	62.3	7.0	50	0.60	100	1.20	STPG 38*80 65A
65	76.3	96.0	78.8	7.0	50	0.93	100	1.85	STPG 38*80 100A
80	89.1	108.2	91.0	8.6	75	1.58	150	3.17	STPG 38*80 100A
100	114.3	135.4	116.4	8.6	75	2.21	150	4.42	STPG 38*80 125A
125	139.8	162.5	142.0	9.5	75	3.14	150	6.27	STPG 38*80 150A
150	165.2	193.4	168.0	11.0	75	4.24	150	8.49	STPG 38*80 200A
200	216.3	244.5	219.1	12.7	75	5.45	150	10.89	SS41(244.5×12.7)
250	267.4	296.0	270.6	12.7	75	6.65	150	13.31	SS41(296.0×12.7)
300	318.5	347.0	321.6	12.7	75	7.85	150	15.71	SS41(347.0×12.7)
350	355.6	384.0	358.6	12.7	75	8.72	150	17.44	SS41(384.0×12.7)
400	406.4	435.0	409.6	12.7	75	9.92	150	19.84	SS41(435.0×12.7)
450	457.2	486.0	460.6	12.7	75	11.12	150	22.24	SS41(486.0×12.7)
500	508.0	537.0	511.6	12.7	75	12.32	150	24.63	SS41(537.0×12.7)

TOLERANCE(OD) : ND 150A AND BELOW $\pm 0.8\text{mm}$
 ND 200A AND ABOVE $\pm 1.5\text{mm}$

NIPPLE

Item		Pipe Outside Diameter			Close Nipple	Barrel Nipple
Nominal Size		KS D3507 JIS G3453	BS 1387 (Medium)	ASTM A 53	Length	Length
8A	1/4"	13.8	13.9	13.7	24	26
10A	3/8"	17.3	17.4	17.1	26	28
15A	1/2"	21.7	21.7	21.3	29	34
20A	3/4"	27.2	27.2	26.7	35	38
25A	1"	34.0	34.2	33.4	38	42
32A	1/4"	42.7	42.9	42.2	41	50
40A	1-1/2"	48.6	48.9	48.3	44	50
50A	2"	60.5	60.8	60.3	51	58
65A	2-1/2"	76.3	76.6	73.0	64	70
80A	3"	89.1	89.5	88.9	67	78
100A	4"	114.3	114.9	114.3	73	90
125A	5"	139.8	140.6	141.3	76	103
150A	6"	165.2	166.1	168.3	79	103

Item		Long Nipple								
Nominal Size		Length								
8A	1/4"	50	65	75	100	125	150	200	250	300
10A	3/8"	50	65	75	100	125	150	200	250	300
15A	1/2"	50	65	75	100	125	150	200	250	300
20A	3/4"	50	65	75	100	125	150	200	250	300
25A	1"	50	65	75	100	125	150	200	250	300
32A	1/4"		65	75	100	125	150	200	250	300
40A	1-1/2"		65	75	100	125	150	200	250	300
50A	2"		65	75	100	125	150	200	250	300
65A	2-1/2"			75	100	125	150	200	250	300
80A	3"				100	125	150	200	250	300
100A	4"				100	125	150	200	250	300
125A	5"					125	150	200	250	300
150A	6"					125	150	200	250	300