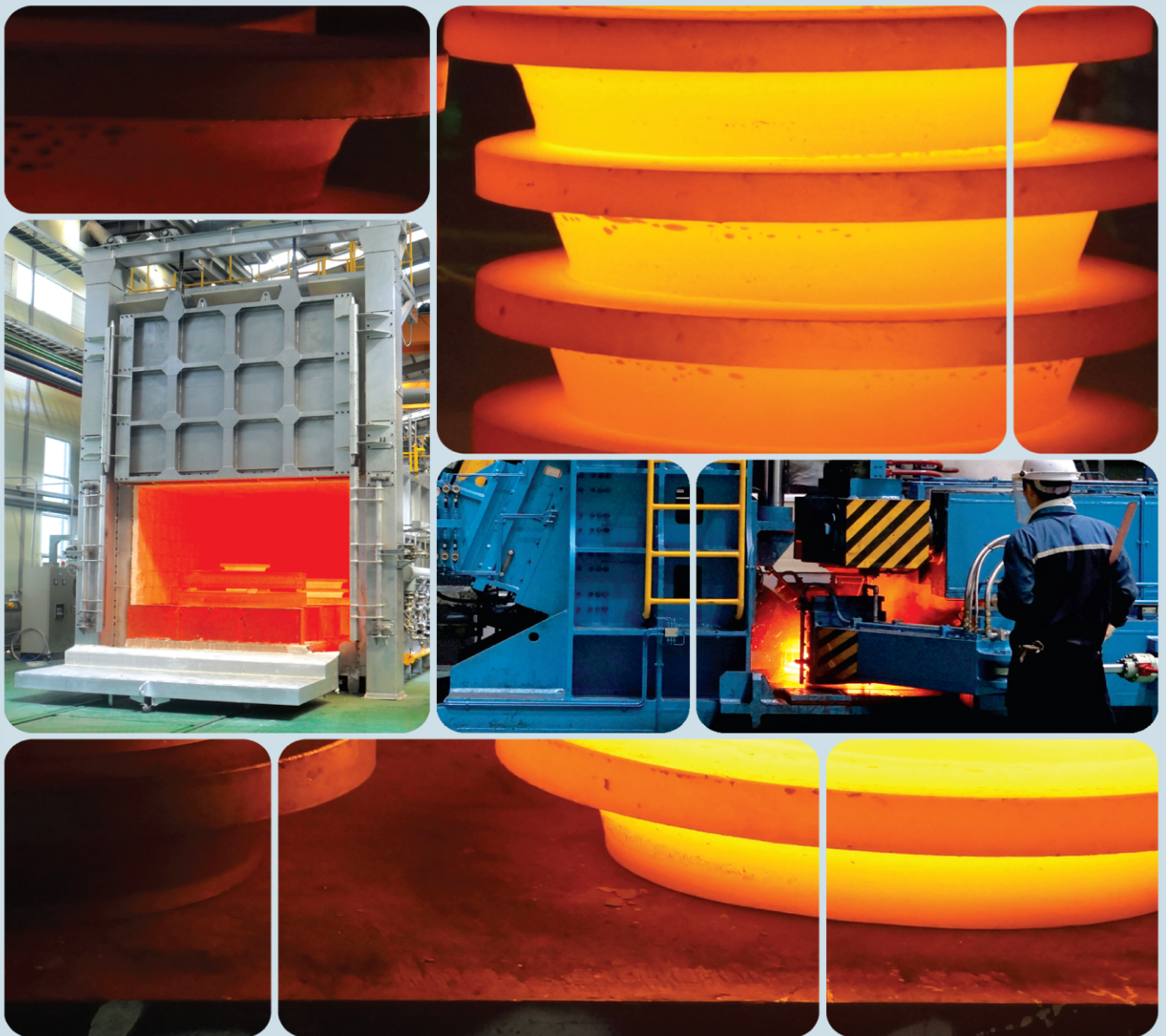




Flanges and Industrial Forgings Manufacturer



FELIX TECHNOLOGY CO., LTD.

COMPANY INTRODUCTION



A LEADING KOREAN FLANGES AND FORGINGS MAKER

Founded in 1998, **Felix Technology Co, Ltd.**, is specialized in manufacturing various flanges, industrial forgings and automotive parts and has been supplying these quality products to the chemical, petrochemical, oil & gas, offshore & onshore projects, heavy Industry, automotive industry and etc. We also have been successfully serving and satisfying our clients in domestic and overseas markets with our best quality products at competitive price during the past years.

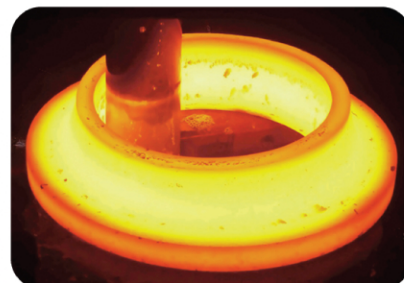
WITH PEOPLE & WITH YOU



CUSTOMER'S SATISFACTION ALWAYS COMES FIRST

We, head office & factory located in Busan, Korea, have kept investing in domestic and overseas factories respectively, which are our new Korea factory and a forging factory in Vietnam. We also appointed our representatives in Middle East, South East Asia, and other countries to be more competitive in every aspect. So, we are able to serve our valuable clients with superb products and better delivery.

FACILITIES



HEAD OFFICE / FACTORY

EQUIPMENT	DIMENSION	QTY
RING ROLLING MILL	Ø2500, 1200, 450	3
HYDRAULIC PRESS	2000 TON	1
AIR HAMMER	1 TON	2
HEATING FURNACE	20, 5 TON/CH	6
HEAT TREATMENT FURNACE	20, 5 TON/CH	2
VERTICAL, HORIZONTAL LATHE	Ø530 ~ 2500	17
DRILLING MACHINE	5000*5000, Ø2500, 2000, 720, 530	7
QUENCHING TANK	40m ³	2

VIETNAM FACTORY

EQUIPMENT	DIMENSION	QTY
AIR HAMMER	560KG, 1 TON	2
HYDRAULIC HAMMER	3, 8, 20 TON	4
TRIMMING PRESS	630, 1600 TON	2
HEATING FURNACE	2, 2.5 TON/CH	5
HEAT TREATMENT FURNACE	5, 20 TON/CH	2
QUENCHING TANK	8M X 2M	2
VERTICAL, HORIZONTAL LATHE	Ø530 ~ 2500	37
DRILLING MACHINE	Ø35, 50, 1000, 1300, 1600	12



STANDARD FLANGES & PIPE & FITTINGS



STANDARD FLANGES

ITEMS

- SLIP-ON FLANGE
- WELDING NECK FLANGE
- BLIND FLANGE
- SOCKET WELDING FLANGE
- THREADED FLANGE
- LAP JOINT FLANGE
- ORIFICE FLANGE
- SPECTACLE BLIND FLANGE
- RING TYPE JOINT FLANGE
- LONG WELDING NECK FLANGE

□ FACE TYPE : RF, FF, RTJ, etc..

SIZE : 1/2" - 60"

SPECIFICATION

- ASME B16.5, B16.48, B16.47, B16.36
- AWWA, API, MSS
- JIS, KS
- DIN, BS, EN1092-1, etc..

MATERIAL

CARBON, STAINLESS & ALLOY STEEL

C/S : A105/A105N, A350, A694 etc..

S/S & ALLOY : A182 F5, F9, F11, F21, F51, F53, F55, F91, F304/L, F316/L, F317/L, F321, etc..

INCONEL, MONEL, etc..

PIPE & FITTINGS

ITEMS

- PIPE
- FITTING
 - WROUGHT & STAINLESS STEEL BUTT-WELDING FITTING
 - FORGED STEEL SOCKET-WELDING & THREADED FITTING

SPECIFICATION

ASME B36.10 / B36.19

ASME B16.9 / B16.11

API, MSS

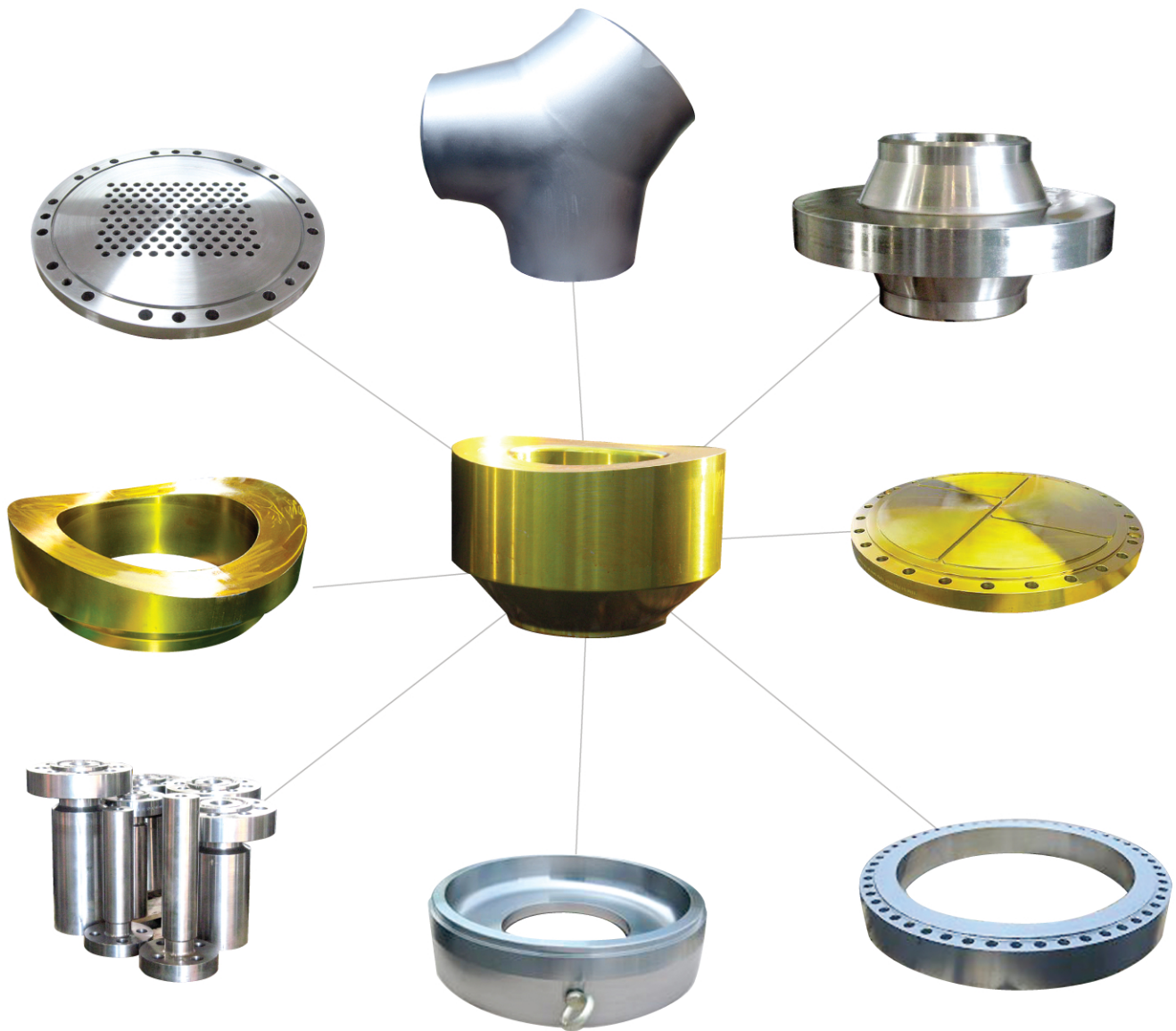
JIS, KS, etc..

MATERIAL

CARBON, STAINLESS, ALLOY,

DUPLEX & SUPER DUPLEX STEEL, etc..

NON-STANDARD & INDUSTRIAL FORGINGS



NON-STANDARD & INDUSTRIAL FORGINGS

ITEMS

- NOZZLE
- FORGED NECK
- TUBE SHEET
- FORGED DISK
- FORGED RING
- TOWER FLANGE
- SPECIAL PRODUCTS
acc. to THE CUSTOMER'S
REQUIREMENT

SIZE

FORGED RING UP TO 2,500mm
FORGED DISK UP TO 1,500mm
ACC. TO THE CUSTOMER'S REQUIREMENT

SPECIFICATION

ACC. TO THE CUSTOMER'S REQUIREMENT

MATERIAL

CARBON, STAINLESS & ALLOY STEEL

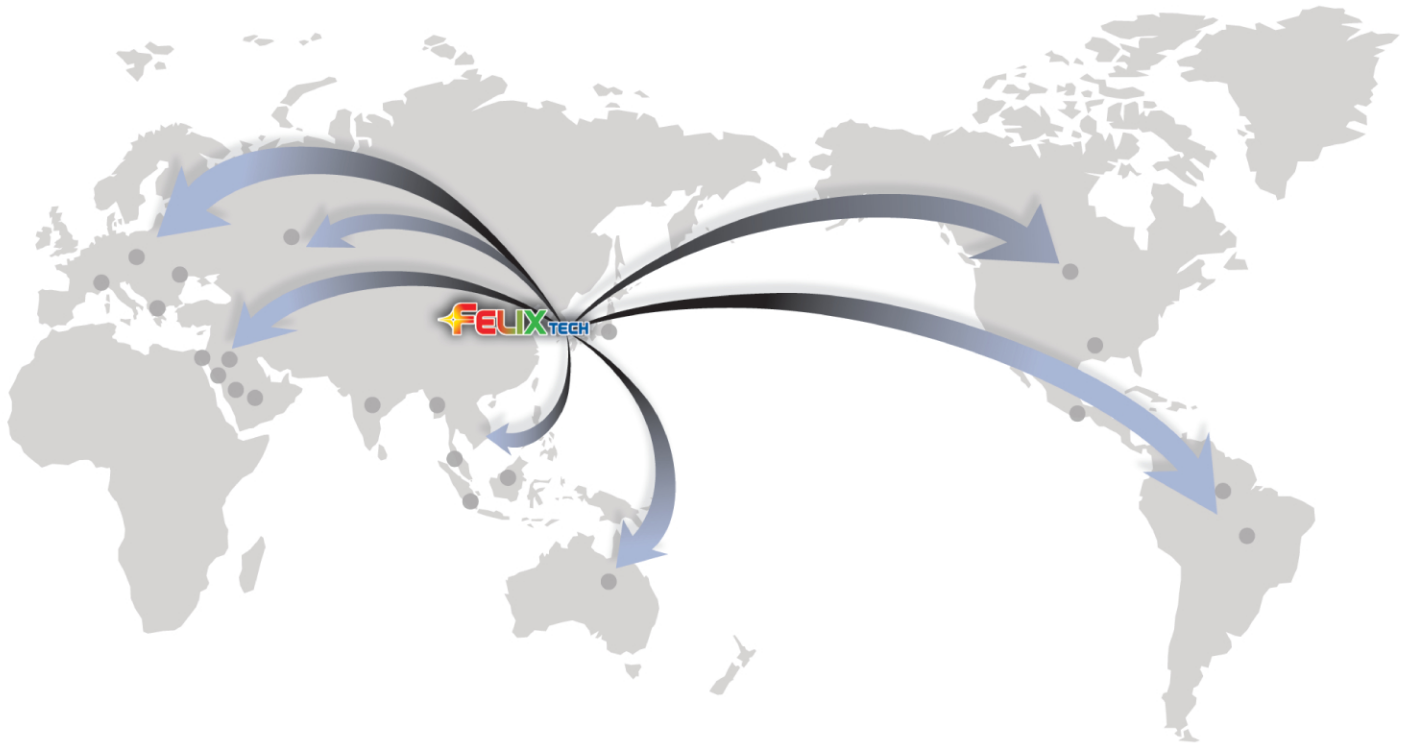
C/S : A105/A105N, A350, A694 etc..

S/S & ALLOY : A182 F5, F9, F11, F21, F51,
F53, F55, F91, F304/L, F316/L,
F317/L, F321, etc..

INCONEL, MONEL, etc..

GLOBAL PRESENCE

Felix connects you to the world



We are trusted by the major industry names around the world.



ASME PIPE SCHEDULE SI-UNITS (METRIC) AND NOMINAL INSIDE DIAMETER OF FLANGE

O.D = mm
Wall thickness = mm
INSIDE DIAMETER = mm

ASME B36.10M																ASME B36.19M				
NPS	PIPE OD(mm)	S/5	S/10	S/20	S/30	STD	S/40	S/60	XS	S/80	S/100	S/120	S/140	S/160	XXS	S/5S	S/10S	S/40S	S/80S	
1/8	10.3	Wall →	1.24	-	1.45	1.73	1.73	-	2.41	2.41	-	-	-	-	-	-	-	1.24	1.73	2.41
		ID →	7.82	-	7.40	6.84	6.84	-	5.48	5.48	-	-	-	-	-	-	-	7.82	6.84	5.48
1/4	13.7	-	1.65	-	1.85	2.24	2.24	-	3.02	3.02	-	-	-	-	-	-	-	1.65	2.24	3.02
		-	10.40	-	10.00	9.22	9.22	-	7.66	7.66	-	-	-	-	-	-	-	10.40	9.22	7.66
3/8	17.1	-	1.65	-	1.85	2.31	2.31	-	3.20	3.20	-	-	-	-	-	-	-	1.65	2.31	3.20
		-	13.80	-	13.40	12.48	12.48	-	10.70	10.70	-	-	-	-	-	-	-	13.80	12.48	10.70
1/2	21.3	1.65	2.11	-	2.41	2.77	2.77	-	3.73	3.73	-	-	-	4.78	7.47	1.65	2.11	2.77	3.73	
		18.00	17.08	-	16.48	15.76	15.76	-	13.84	13.84	-	-	-	11.74	6.36	18.00	17.08	15.76	13.84	
3/4	26.7	1.65	2.11	-	2.41	2.87	2.87	-	3.91	3.91	-	-	-	5.56	7.82	1.65	2.11	2.87	3.91	
		23.40	22.48	-	21.88	20.96	20.96	-	18.88	18.88	-	-	-	15.58	11.06	23.40	22.48	20.96	18.88	
1	33.4	1.65	2.77	-	2.90	3.38	3.38	-	4.55	4.55	-	-	-	6.35	9.09	1.65	2.77	3.38	4.55	
		30.10	27.86	-	27.60	26.64	26.64	-	24.30	24.30	-	-	-	20.70	15.22	30.10	27.86	26.64	24.30	
1-1/4	42.2	1.65	2.77	-	2.97	3.56	3.56	-	4.85	4.85	-	-	-	6.35	9.70	1.65	2.77	3.56	4.85	
		38.90	36.66	-	36.26	35.08	35.08	-	32.50	32.50	-	-	-	29.50	22.80	38.90	36.66	35.08	32.50	
1-1/2	48.3	1.65	2.77	-	3.18	3.68	3.68	-	5.08	5.08	-	-	-	7.14	10.15	1.65	2.77	3.68	5.08	
		45.00	42.76	-	41.94	40.94	40.94	-	38.14	38.14	-	-	-	34.02	28.00	45.00	42.76	40.94	38.14	
2	60.3	1.65	2.77	-	3.18	3.91	3.91	-	5.54	5.54	-	-	-	8.74	11.07	1.65	2.77	3.91	5.54	
		57.00	54.76	-	53.94	52.48	52.48	-	49.22	49.22	-	-	-	42.82	38.16	57.00	54.76	52.48	49.22	
2-1/2	73.0	2.11	3.05	-	4.78	5.16	5.16	-	7.01	7.01	-	-	-	9.53	14.02	2.11	3.05	5.16	7.01	
		68.78	66.90	-	63.44	62.68	62.68	-	58.98	58.98	-	-	-	53.94	44.96	68.78	66.90	62.68	58.98	
3	88.9	2.11	3.05	-	4.78	5.49	5.49	-	7.62	7.62	-	-	-	11.13	15.24	2.11	3.05	5.49	7.62	
		84.68	82.80	-	79.34	77.92	77.92	-	73.66	73.66	-	-	-	66.64	58.42	84.68	82.80	77.92	73.66	
3-1/2	101.6	2.11	3.05	-	4.78	5.74	5.74	-	8.08	8.08	-	-	-	-	-	2.11	3.05	5.74	8.08	
		97.38	95.50	-	92.04	90.12	90.12	-	85.44	85.44	-	-	-	-	-	97.38	95.50	90.12	85.44	
4	114.3	2.11	3.05	-	4.78	6.02	6.02	-	8.56	8.56	-	11.13	-	13.49	17.12	2.11	3.05	6.02	8.56	
		110.08	108.20	-	104.74	102.26	102.26	-	97.18	97.18	-	92.04	-	87.32	80.06	110.08	108.20	102.26	97.18	
5	141.3	2.77	3.40	-	-	6.55	6.55	-	9.53	9.53	-	12.70	-	15.88	19.05	2.77	3.40	6.55	9.53	
		135.76	134.50	-	-	128.20	128.20	-	122.24	122.24	-	115.90	-	109.54	103.20	135.76	134.50	128.20	122.24	
6	168.3	2.77	3.40	-	-	7.11	7.11	-	10.97	10.97	-	14.27	-	18.26	21.95	2.77	3.40	7.11	10.97	
		162.76	161.50	-	-	154.08	154.08	-	146.36	146.36	-	139.76	-	131.78	124.40	162.76	161.50	154.08	146.36	
8	219.1	2.77	3.76	6.35	7.04	8.18	8.18	10.31	12.70	12.70	15.09	18.26	20.62	23.01	22.23	2.77	3.76	8.18	12.70	
		213.56	211.58	206.40	205.02	202.74	202.74	198.48	193.70	193.70	188.92	182.58	177.86	173.08	174.64	213.56	211.58	202.74	193.70	
10	273.0	3.40	4.19	6.35	7.80	9.27	9.27	12.70	12.70	15.09	18.26	21.44	25.40	28.58	25.40	3.40	4.19	9.27	12.70	
		266.20	264.62	260.30	257.40	254.46	254.46	247.60	247.60	242.82	236.48	230.12	222.20	215.84	222.20	266.20	264.62	254.46	247.60	
12	323.8	3.96	4.57	6.35	8.38	9.53	10.31	14.27	12.70	17.48	21.44	25.40	28.58	33.32	25.40	3.96	4.57	9.53	12.70	
		315.88	314.66	311.10	307.04	304.74	303.18	295.26	298.40	288.84	280.92	273.00	266.64	257.16	273.00	315.88	314.66	304.74	298.40	
14	355.6	3.96	6.35	7.92	9.53	9.53	11.13	15.09	12.70	19.05	23.83	27.79	31.75	35.71	-	3.96	4.78	9.53	12.70	
		347.68	342.90	339.76	336.54	336.54	333.34	325.42	330.20	317.50	307.94	300.02	292.10	284.18	-	347.68	346.04	336.54	330.20	
16	406.4	4.19	6.35	7.92	9.53	9.53	12.70	16.66	12.70	21.44	26.19	30.96	36.53	40.49	-	4.19	4.78	9.53	12.70	
		398.02	393.70	390.56	387.34	387.34	381.00	373.08	381.00	363.52	354.02	344.48	333.34	325.42	-	398.02	396.84	387.34	381.00	
18	457.0	4.19	6.35	7.92	11.13	9.53	14.27	19.05	12.70	23.83	29.36	34.93	39.67	45.24	-	4.19	4.78	9.53	12.70	
		448.62	444.30	441.16	434.74	437.94	428.46	418.90	431.60	409.34	398.28	387.14	377.66	366.52	-	448.62	447.44	437.94	431.60	
20	508.0	4.78	6.35	9.53	12.70	9.53	15.09	20.62	12.70	26.19	32.54	38.10	44.45	50.01	-	4.78	5.54	9.53	12.70	
		498.44	495.30	488.94	482.60	488.94	477.82	466.76	482.60	455.62	442.92	431.80	419.10	407.98	-	498.44	496.92	488.94	482.60	
22	559.0	4.78	6.35	9.53	12.70	9.53	-	22.23	12.70	28.58	34.93	41.28	47.63	53.98	-	4.78	5.54	-	-	
		549.44	546.30	539.94	533.60	539.94	-	514.54	533.60	501.84	489.14	476.44	463.74	451.04	-	549.44	547.92	-	-	
24	610.0	5.54	6.35	9.53	14.27	9.53	17.48	24.61	12.70	30.96	38.89	46.02	52.37	59.54	-	5.54	6.35	9.53	12.70	
		598.92	597.30	590.94	581.46	590.94	575.04	560.78	584.60	548.08	532.22	517.96	505.26	490.92	-	598.92	597.30	590.94	584.60	
26	660.0	-	7.92	12.70	-	9.53	-	-	12.70	-	-	-	-	-	-	-	-	-	-	
		-	644.16	634.60	-	640.94	-	-	-	634.60	-	-	-	-	-	-	-	-	-	
28	711.0	-	7.92	12.70	15.88	9.53	-	-	12.70	-	-	-	-	-	-	-	-	-	-	
		-	695.16	685.60	679.24	691.94	-	-	-	685.60	-	-	-	-	-	-	-	-	-	
30	762.0	6.35	7.92	12.70	15.88	9.53	-	-	12.70	-	-	-	-	-	-	6.35	7.92	-	-	
		749.30	746.16	736.60	730.24	742.94	-	-	-	736.60	-	-	-	-	-	-	749.30	746.16	-	-
32	813.0	-	7.92	12.70	15.88	9.53	17.48	-	12.70	-	-	-	-	-	-	-	-	-	-	
		-	797.16	787.60	781.24	793.94	778.04	-	787.60	-	-	-	-	-	-	-	-	-	-	
34	864.0	-	7.92	12.70	15.88	9.53	17.48	-	12.70	-	-	-	-	-	-	-	-	-	-	
		-	848.16	838.60	832.24	844.94	829.04	-	838.60	-	-	-	-	-	-	-	-	-	-	
36	914.0	-	7.92	12.70	15.88	9.53	19.05	-	12.70	-	-	-	-	-	-	-	-	-	-	
		-	898.16	888.60	882.24	894.94	875.90	-	888.60	-	-	-	-	-	-	-	-	-	-	
38	965.0	-	-	-	-	9.53	-	-	12.70	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	945.94	-	-	-	939.60	-	-	-	-	-	-	-	-	-	
40	1016.0	-	-	-	-	9.53	-	-	12.70	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	996.94	-	-	-	990.60	-	-	-	-	-	-	-	-	-	
42	1067.0	-	-	-	-	9.53	-	-	12.70	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	1,047.94	-	-	-	1,041.60	-	-	-	-	-	-	-	-	-	
44	1118.0	-	-	-	-	9.53	-	-	12.70	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	1,098.94	-	-	-	1,092.60	-	-	-	-	-	-	-	-	-	
46	1168.0	-	-	-	-	9.53	-	-	12.70	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	1,148.94	-	-	-	1,142.60	-	-	-	-	-	-	-	-	-	
48	1219.0	-	-	-	-	9.53	-	-	12.70	-	-	-	-	-	-	-	-	-	-	
		-	-	-	-	1,199.94	-	-	-	1,193.60	-	-	-	-	-	-	-	-	-	

※ ASME B36.19M for stainless steel pipe



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