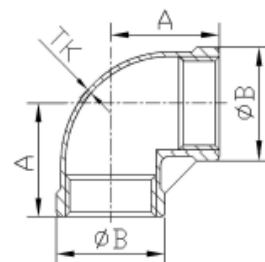


Stainless Steel 150lb Thread Pipe Fitting

90. Elbow (LB)

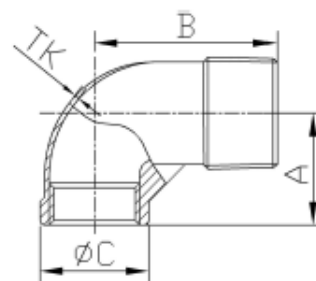
SSE06-SSE100



Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
A	17	19	23	27	32	38	45	48	57	69	78	92
B	14.6	17.5	22	27	32	39.5	49	55	67	84	98.5	123.5

90. M/F Elbow/Street Elbow (SLB)

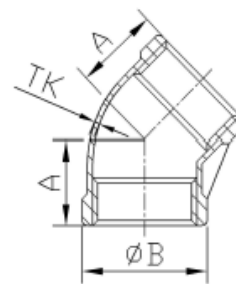
SSEMF06-SSEMF100



Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
A	17	20	23	27	32	38	45	48	57	69	78	92
B	26	28	32	36	40	50	59	64	72	87	102	125
C	14.6	17.5	22	27	32	39.5	49	55	67	84	98.5	123.5

45. Elbow (45LB)

SS45E06-SS45E100

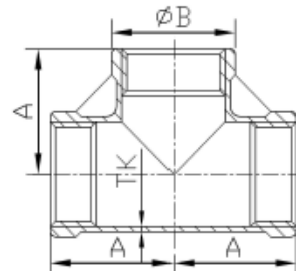


Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
A	17	17	19	21	25	29	33	37	42	48	54	64
B	14.6	17.5	22	27	32	39.5	49	55	67	84	98.5	123.5

Stainless Steel 150lb Thread Pipe Fitting

Equal Tee (TB)

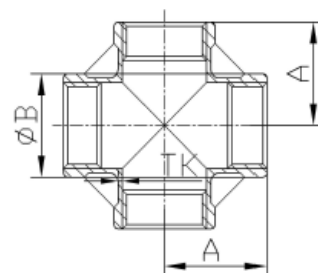
SSTB06-SSTB100



Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
A	17	19	23	27	32	38	45	48	57	69	78	92
B	14.6	17.5	22	27	32	39.5	49	55	67	84	98.5	123.5

Cross (+B)

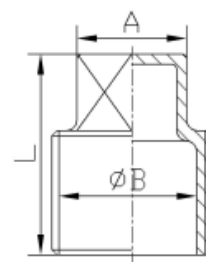
SS+B06-SS+B100



Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
A	17	19	23	27	32	38	45	48	57	69	78	92
B	14.6	17.5	22	27	32	39.5	49	55	67	84	98.5	123.5

Square Plug (SQ)

SSSQ06-SSSQ100



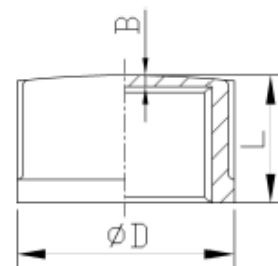
Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
A	7	8	10	14	17	18	19	24	27	32	36	41
L	15	16	17	23	27.5	29	35	35	38	38	43	57

Stainless Steel 150lb Thread Pipe Fitting

Round Cap (CB)



SSCB06-SSCB100

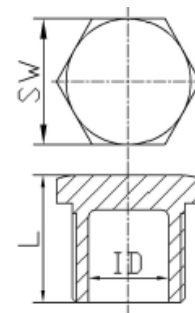


Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
L	15	15	16	20	22	26	28	32	34	39	42	44
D	14.6	17.5	22	27	32	39.5	49	55	67	84	98.5	123.5

Hex Plug (HP)



SSHHP06-SSHHP100

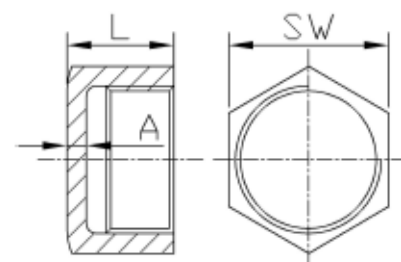


Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
L	17	18	20	22	25	26	30	31	35	38	42	49
SW	12	15	18	23	28	35	44	50	62	78	92	116

Hex Cap (HCB)



SSHCB06-SSHCB100

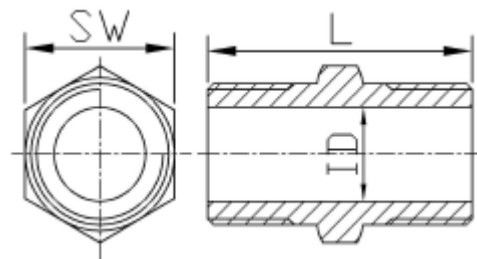


Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
L	15	15	16	20	22	26	28	32	34	39	42	44
SW	15.5	15.5	19	27	31.5	38.5	47.5	53	65	81.5	95	121

Stainless Steel 150lb Thread Pipe Fitting

Hex Nipple (HN)

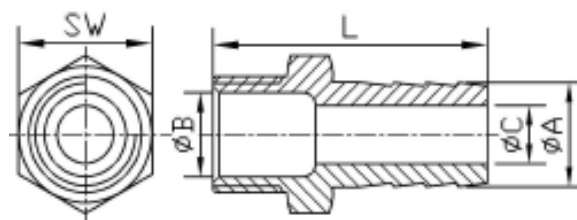
SSHN06-SSHN100



Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
L	28	32	34	40	44	48	53	54	63	72	78	85
SW	12	15	18	23	28	35	44	50	62	78	92	116

Hose Nipple (HON)

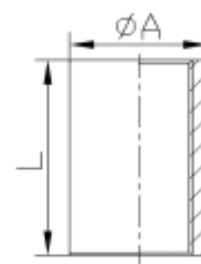
SSHON06-SSHON100



Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
A	7	9	11	15	20	25	33	39	51	65	77	102
L	38	41	48	58	65	73	82	87.5	98	108	112	118
SW	12	15	18	23	28	35	44	50	62	78	92	116

Full coupling O.D. Machine (SPE)

SSSPE06-SSSPE100

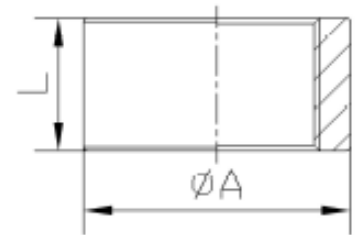


Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
A	14.5	18	21.5	25.8	32	39.5	48.5	54.5	67	82.5	96	124
L	17	24	26	34	36	43	48	48	52.5	62	67.5	79

Stainless Steel 150lb Thread Pipe Fitting

Half coupling O.D. Machine (HSPE)

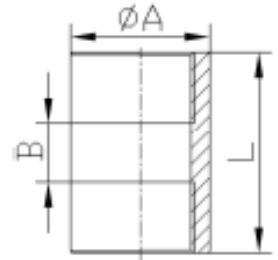
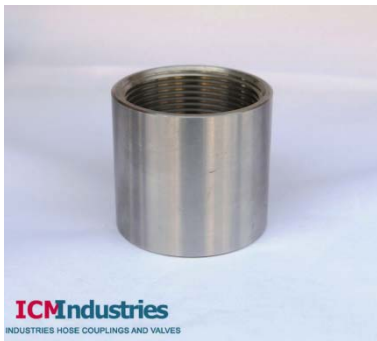
SSHSPE06-SSHSPE100



Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
A	14.5	18	21.5	25.8	32	39.5	48.5	54.5	67	82.5	96	124
L	10	12	14	16	18	22	24	24	27	32	34	40

Coupling O.D. Machine (SPU)

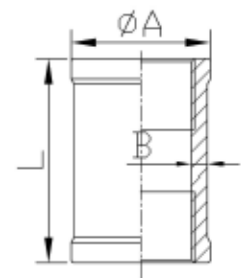
SSSPU06-SSSPU100



Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
A	14.5	18	21.5	25.8	32	39.5	48.5	54.5	67	82.5	96	124
B	3	3	3	3	3	4		4	4	5	5	5
L	17	24	26	34	36	43	48	48	52.5	62	67.5	79

Socket Banded (SB)

SSSB06-SSSB100



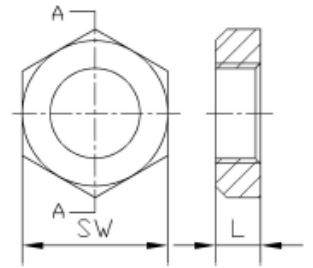
Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
A	14.5	18	21.5	25.8	32	39.5	48.5	54.5	67	82.5	96	124
L	24	25	30	35	39	44	50	54	63	68	74	84

Stainless Steel 150lb Thread Pipe Fitting

Lock Nut (LN)



SSLN06-SSLN100

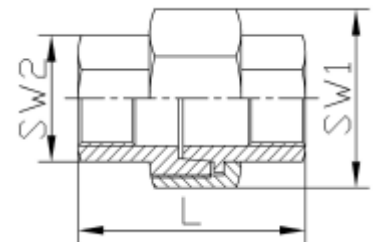


Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
SW	14	18	24	30	35	46	52	58	72	89	102	123
L	6.5	7	7	8	9	10	11	12	13	15	17	18

F/F Conical Union (CU)



SSCU06-SSCU100

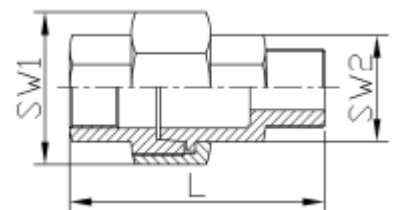


Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
SW1	25	29	34	37	46	53	66	72	88	109	124	150
SW2	14	17	21	25	31	38	47	54	66	82	95	120
L	27	30	34	35	41	44	49	54	62	73	77	98

M/F Conical Union (M/F CU)



SSMFCU06-SSMFCU100

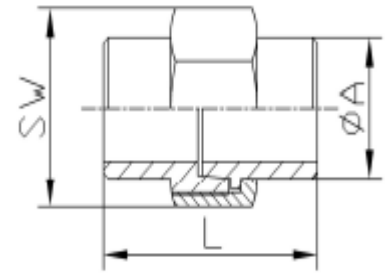


Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
SW1	25	29	34	37	46	53	66	72	88	109	124	150
SW2	14	17	21	25	31	38	47	54	66	82	95	120
L	38	42	46	51	59	63	70	76	88	104	110	135

Stainless Steel 150lb Thread Pipe Fitting

Butt Weld Conical Union (BW CU)

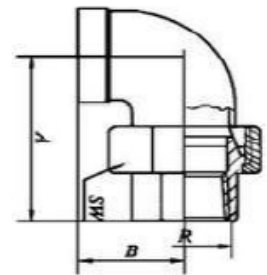
SSBWCU06-SSBWCU100



Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
SW	25	29	34	37	46	53	66	72	88	109	124	150
A	10.3	13.8	17.3	21.7	27.2	34	42.7	48.6	60.5	76.3	89.1	114.3
L	27	30	34	35	41	44	49	54	62	73	77	98

90° Elbow Union

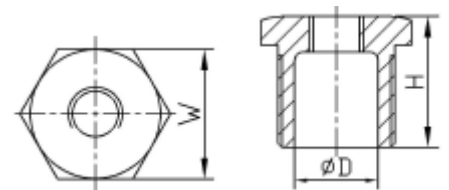
SSLBCU06-SSLBCU400



Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
SW	25	29	34	37	46	53	66	72	88	109	124	150
A				46	54	59	75	84	94			
B	17	19	23	27	32	38	45	48	57	69	78	92

Hex Bush (HB)

SSHB0608-SSHB400300



Size	1/4"x1/8"	3/8"x1/8"	3/8"x1/4"	1/2"x1/8"	1/2"x1/4"	1/2"x3/8"	3/4"x1/4"	3/4"x3/8"
SW	15	18	18	23	23	23	28	28
H	17	18	18	21	21	21	25	25

Size	3/4"x1/2"	1"x1/4"	1"x3/8"	1"x1/2"	1"x3/4"	1 1/4"x1/2"	1 1/4"x3/4"	1 1/4"x1"
SW	28	35	35	35	35	44	44	44
H	25	27	27	27	27	29	29	29

Stainless Steel 150lb Thread Pipe Fitting

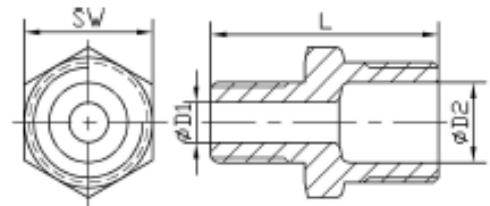
Size	1 1/2"x1 1/2"	1 1/2"x3/4"	1 1/2"x1"	1 1/2"x1 1/4"	2"x1 1/2"	2"x3/4"	2"x1"	2"x1 1/4"
SW	50	50	50	50	62	62	62	62
H	31	31	31	31	35	35	35	35

Size	2"x1 1/2"	2 1/2"x1"	2 1/2"x1 1/4"	2 1/2"x1 1/2"	2 1/2"x2"	3"x1 1/4"	3"x1 1/2"	3"x2"
SW	62	78	78	78	78	92	92	92
H	35	38	38	38	38	42	42	42

Size	3"x2 1/2"	4"x1 1/4"	4"x1 1/2"	4"x2"	4"x2 1/2"	4"x3"
SW	92	116	116	116	116	116
H	42	49	49	49	49	49

Reduced Hex Nipple (RHN)

SSRHN0608-SSRHN400300



Size	1/4"x1/8"	3/8"x1/8"	3/8"x1/4"	1/2"x1/8"	1/2"x1/4"	1/2"x3/8"	3/4"x1/4"	3/4"x3/8"
SW	15	18	18	23	23	23	28	28
L	30		34	35	37	38	39	40

Size	3/4"x1/2"	1"x1/4"	1"x3/8"	1"x1/2"	1"x3/4"	1 1/4"x1/2"	1 1/4"x3/4"	1 1/4"x1"
SW	28	35	35	35	35	44	44	44
L	42			45	47	48	50	51

Size	1 1/2"x1 1/2"	1 1/2"x3/4"	1 1/2"x1"	1 1/2"x1 1/4"	2"x1 1/2"	2"x3/4"	2"x1"	2"x1 1/4"
SW	50	50	50	50	62	62	62	62
L	49	51	52	54	53	55	56	58

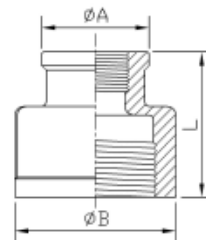
Size	2"x1 1/2"	2 1/2"x1"	2 1/2"x1 1/4"	2 1/2"x1 1/2"	2 1/2"x2"	3"x1 1/4"	3"x1 1/2"	3"x2"
SW	62	78	78	78	78	92	92	92
L	59							

Size	3"x2 1/2"	4"x1 1/4"	4"x1 1/2"	4"x2"	4"x2 1/2"	4"x3"
SW	92	116	116	116	116	116
L						

Stainless Steel 150lb Thread Pipe Fitting

Reducer (RSB)

SSRSB0608-SSRSB400300



Size	1/4"x1/8"	3/8"x1/8"	3/8"x1/4"	1/2"x1/8"	1/2"x1/4"	1/2"x3/8"	3/4"x1/4"	3/4"x3/8"
A								
B								
L								

Size	1/4"x1/8"	3/8"x1/8"	3/8"x1/4"	1/2"x1/8"	1/2"x1/4"	1/2"x3/8"	3/4"x1/4"	3/4"x3/8"
A								
B								
L								

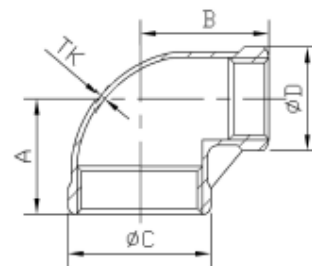
Size	1 1/2"x1/2"	1 1/2"x3/4"	1 1/2"x1"	1 1/2"x1 1/4"	2"x1/2"	2"x3/4"	2"x1"	2"x1 1/4"
A								
B								
L								

Size	2"x1 1/2"	2 1/2"x1"	2 1/2"x1 1/4"	2 1/2"x1 1/2"	2 1/2"x2"	3"x1 1/4"	3"x1 1/2"	3"x2"
A								
B								
L								

Size	3"x2 1/2"	4"x1 1/4"	4"x1 1/2"	4"x2"	4"x2 1/2"	4"x3"
A						
B						
L						

Reduced 90° Elbow (RLB)

SSRLB0608-SSRLB400300



Stainless Steel 150lb Thread Pipe Fitting

Size	1/4"x1/8"	3/8"x1/8"	3/8"x1/4"	1/2"x1/8"	1/2"x1/4"	1/2"x3/8"	3/4"x1/4"	3/4"x3/8"
A	17	18	18	26	26	26	30.5	30.5
B	17	21	21	20.5	20.5	20.5	23.5	23.5
C	17.5	22	22	27	27	27	32	32
D	14.6	14.6	17.5	14.6	17.5	22	17.5	22

Size	3/4"x1/2"	1"x1/4"	1"x3/8"	1"x1/2"	1"x3/4"	1 1/4"x1/2"	1 1/4"x3/4"	1 1/4"x1"
A	30.5	37.5	37.5	37.5	37.5	45.5	45.5	45.5
B	23.5	26.5	26.5	26.5	26.5	29	29	29
C	32	39.5	39.5	39.5	39.5	49	49	49
D	27	17.5	22	27	32	27	32	39.5

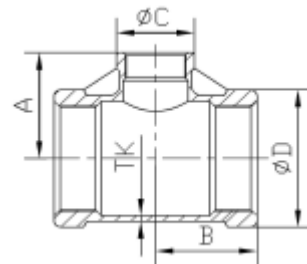
Size	1 1/2"x1/2"	1 1/2"x3/4"	1 1/2"x1"	1 1/2"x1 1/4"	2"x1/2"	2"x3/4"	2"x1"	2"x1 1/4"
A	52	52	52	52	62	62	62	62
B	31	31	31	31	36	36	36	36
C	55	55	55	55	67	67	67	67
D	27	32	39.5	49	27	32	39.5	49

Size	2"x1 1/2"	2 1/2"x1"	2 1/2"x1 1/4"	2 1/2"x1 1/2"	2 1/2"x2"	3"x1 1/4"	3"x1 1/2"	3"x2"
A	62							
B	36							
C	67							
D	55							

Size	3"x2 1/2"	4"x1 1/4"	4"x1 1/2"	4"x2"	4"x2 1/2"	4"x3"
A						
B						
C						
D						

Reduced Tee (RTB)

SSRTB0608-SSRTB400300



Stainless Steel 150lb Thread Pipe Fitting

Size	1/4"x1/8"	3/8"x1/8"	3/8"x1/4"	1/2"x1/8"	1/2"x1/4"	1/2"x3/8"	3/4"x1/4"	3/4"x3/8"
A	18	20	20	22	22	22	27	28
B	18	20	21	23	24	25	24	27
C	14.6	14.6	17.5	14.6	17.5	22	17.5	22
D	17.5	22	22	27	27	27	32	32

Size	3/4"x1/2"	1"x1/4"	1"x3/8"	1"x1/2"	1"x3/4"	1 1/4"x1/2"	1 1/4"x3/4"	1 1/4"x1"
A	29	28	30	32	34	33	36	40
B	30	30	32	33	35	37	40	42
C	27	17.5	22	27	32	27	32	39.5
D	32	39.5	39.5	39.5	39.5	49	49	49

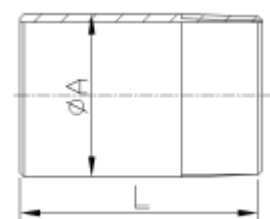
Size	1 1/2"x1/2"	1 1/2"x3/4"	1 1/2"x1"	1 1/2"x1 1/4"	2"x1/2"	2"x3/4"	2"x1"	2"x1 1/4"
A	35	37	41	45	35	40	42	46
B	41	43	45	48	47	50	51	54
C	27	32	39.5	49	27	32	39.5	49
D	55	55	55	55	67	67	67	67

Size	2"x1 1/2"	2 1/2"x1"	2 1/2"x1 1/4"	2 1/2"x1 1/2"	2 1/2"x2"	3"x1 1/4"	3"x1 1/2"	3"x2"
A	49							
B	55							
C	55							
D	67							

Size	3"x2 1/2"	4"x1 1/4"	4"x1 1/2"	4"x2"	4"x2 1/2"	4"x3"
A						
B						
C						
D						

Welding Nipple (WN)

SSWN06-SSWN100

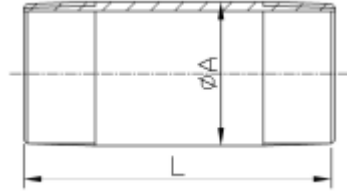


Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
A	10.3	13.8	17.3	21.7	27.2	34	42.7	48.6	60.5	76.3	89.1	114.3
L	30	30	30	35	40	40	50	50	50	60	70	80

Stainless Steel 150lb Thread Pipe Fitting

Barrel Nipple (BN)

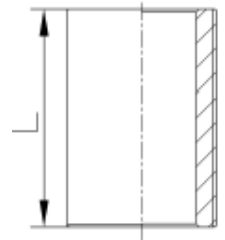
SSBN06-SSBN100



Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
A	10.3	13.8	17.3	21.7	27.2	34	42.7	48.6	60.5	76.3	89.1	114.3
L	40	40	40	60	60	60	80	80	100	100	120	120

Parrel Nipple (PN)

SSPN06-SSPN100



Size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
A	10.3	13.8	17.3	21.7	27.2	34	42.7	48.6	60.5	76.3	89.1	114.3
L	16	18	22	25	30	35	38	38	45	55	60	70

Stainless Steel 150lb Thread Pipe Fitting

NOTE:

1. Brithish Standard Thread Spec

British Standard Threads							
All measurements in mm							
NOMINAL BORE OF PIPE		APPROX. OUTSIDE DIAMETER	NUMBER OF THREADS PER INCH	PITCH	DEPTH OF THREADS	DIAMETER AT GAUGE PLANE	LENGTH OF USEFUL THREAD
IMPERIAL	METRIC	A		P	h	B	E
1/8	6	10.16	28	0.907	0.581	9.72	6.5
1/4	8	13.66	19	1.337	0.856	13.15	9.7
3/8	10	17.17	19	1.337	0.856	16.66	10.1
1/2	15	21.51	14	1.814	1.162	20.95	13.2
3/4	20	27.00	14	1.814	1.162	26.44	14.5
1	25	33.93	11	2.309	1.479	33.24	16.8
1 1/4	32	42.59	11	2.309	1.479	41.91	19.1
1 1/2	40	48.48	11	2.309	1.479	47.80	19.1
2	50	60.47	11	2.309	1.479	59.61	23.4
2 1/2	65	76.09	11	2.309	1.479	75.18	26.7
3	80	88.87	11	2.309	1.479	87.88	29.8
4	100	114.14	11	2.309	1.479	113.03	35.8
5	125	139.65	11	2.309	1.479	138.43	40.1
6	150	165.12	11	2.309	1.479	163.83	40.1

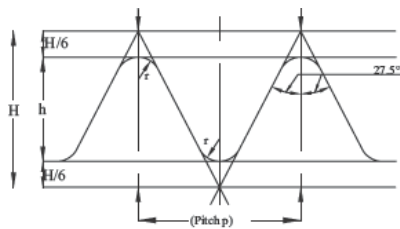


Fig. 1. (Parallel)
 $H = 0.960491 \times p$
 $h = 0.640327 \times p$
 $r = 0.137329 \times p$

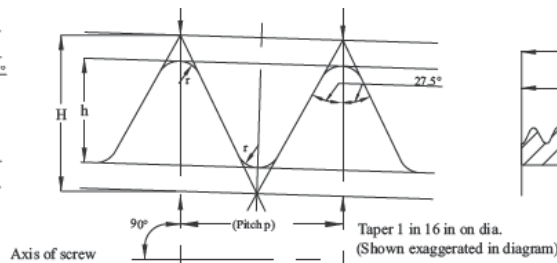


Fig. 2. (Taper)
 $H = 0.960237 \times p$
 $h = 0.640327 \times p$
 $r = 0.137278 \times p$

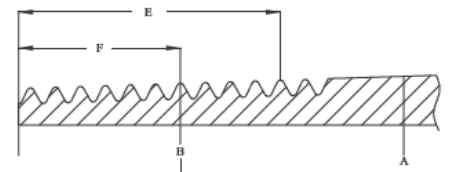


Fig. 3. (Taper)

2. Material Spec

Mechanical Properties		
TENSILE STRENGTH MIN.	YIELD STRENGTH MIN.	ELONGATION MIN.
70000 psi	25000 psi	35%

316/316L Chemical Composition %							
C MAX	Cr	Mn MAX	Mo	Ni	P MAX	S MAX	Si MAX
0.035	16.0-20.0	2	2.0-3.0	10-15.0	0.04	0.03	0.75

3. Introduction:

- 1) Stainless steel fittings are used when the property of steel and resistance to corrosion are required.
- 2) Applications: Stainless steel pipe fittings are most suitable for marine, pumping, commercial, domestic chemical and irrigation applications.
- 3) Material: ss304 and ss316 are available.

4. Standard:

- 1) ASTM A351: Standard specifications for casting, Austenitic for pressure containing parts.
- 2) ISO 4144: Pipe work- stainless steel fittings threaded in accordance with ISO7/1.