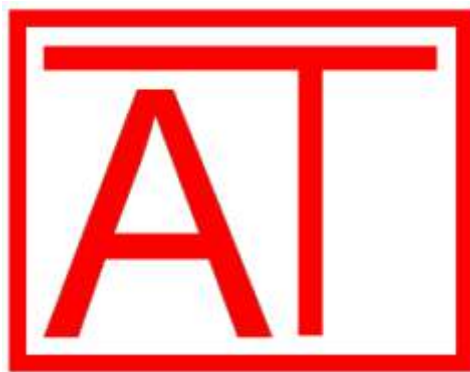




Aceros y Tuberías
... la fundición a tu medida

CATALOGO DE BRIDAS

2013





Aceros y Tuberías
... la fundición a tu medida

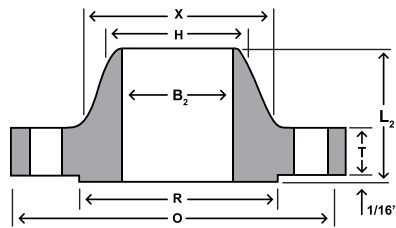
Contamos con bridas de los siguientes tipos y materiales:

- * Acero Inoxidable
- * A-315, F-304
- * Dual grade 304/304L, 316/316L
304H, 316, 316H, 309, 310, 317L, 321, 347, 347H, 904L
- * ANSI / ASME 16.5 desde 1/2" hasta 24" clases 150, 300, 400, 600, 900, 1500, 2500.
- * AWWA C207 desde 4" hasta 144" clases 2B, 2D, 3D, 4E, 5E, 6F
- * DIN
- * JIS
- * Special Ring

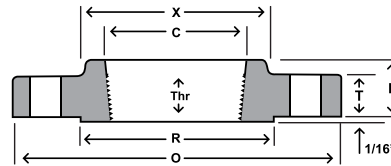


Aceros y Tuberías
... la fundición a tu medida

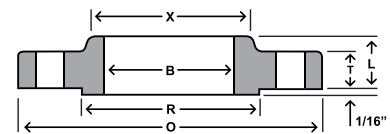
ANSI B16.5 Class 150



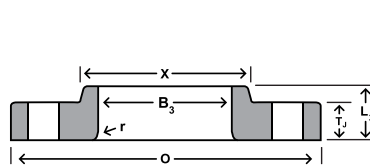
WELD NECK



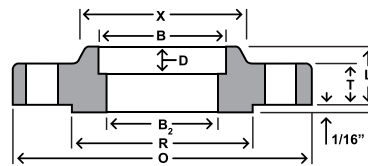
THREADED



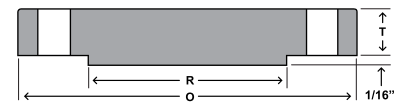
SLIP—ON



LAP JOINT



SOCKET WELD



BLIND

Nom. Pipe Size	O	T	T _j	R	X	#/Dia of Holes ^a	Bolt Circle Dia	B	B ₂ ^b	B ₃	H	L	L ₂	L ₃ ^c	r	D	Thr
1/2	3.50	0.38	0.44	1.38	1.19	4-0.62	2.38	0.88	0.62	0.90	0.84	0.56	1.81	0.62	0.12	0.38	0.62
3/4	3.88	0.44	0.50	1.69	1.50	4-0.62	2.75	1.09	0.82	1.11	1.05	0.56	2.00	0.62	0.12	0.44	0.62
1	4.25	0.50	0.56	2.00	1.94	4-0.62	3.12	1.36	1.05	1.38	1.32	0.62	2.12	0.69	0.12	0.50	0.69
1 1/4	4.62	0.56	0.62	2.50	2.31	4-0.62	3.50	1.70	1.38	1.72	1.66	0.75	2.19	0.81	0.19	0.56	0.81
1 1/2	5.00	0.62	0.69	2.88	2.56	4-0.62	3.88	1.95	1.61	1.97	1.90	0.81	2.38	0.88	0.25	0.62	0.88
2	6.00	0.69	0.75	3.62	3.06	4-0.75	4.75	2.44	2.07	2.46	2.38	0.94	2.44	1.00	0.31	0.69	1.00
2 1/2	7.00	0.81	0.88	4.12	3.56	4-0.75	5.50	2.94	2.47	2.97	2.88	1.06	2.69	1.12	0.31	0.75	1.12
3	7.50	0.88	0.94	5.00	4.25	4-0.75	6.00	3.57	3.07	3.60	3.50	1.12	2.69	1.19	0.38	0.81	1.19
3 1/2	8.50	0.88	0.94	5.50	4.81	8-0.75	7.00	4.07	3.55	4.10	4.00	1.19	2.75	1.25	0.38	0.88	1.25
4	9.00	0.88	0.94	6.19	5.31	8-0.75	7.50	4.57	4.03	4.60	4.50	1.25	2.94	1.31	0.44	0.94	1.31
5	10.00	0.88	0.94	7.31	6.44	8-0.88	8.50	5.66	5.05	5.69	5.56	1.38	3.44	1.44	0.44	0.94	1.44
6	11.00	0.94	1.00	8.50	7.56	8-0.88	9.50	6.72	6.07	6.75	6.63	1.50	3.44	1.56	0.50	1.06	1.56
8	13.50	1.06	1.12	10.62	9.69	8-0.88	11.75	8.72	7.98	8.75	8.63	1.69	3.94	1.75	0.50	1.25	1.75
10	16.00	1.12	1.19	12.75	12.00	12-1.00	14.25	10.88	10.02	10.92	10.75	1.88	3.94	1.94	0.50	1.31	1.94
12	19.00	1.19	1.25	15.00	14.38	12-1.00	17.00	12.88	12.00	12.92	12.75	2.12	4.44	2.19	0.50	1.56	2.19
14	21.00	1.31	1.38	16.25	15.75	12-1.12	18.75	14.14	13.25	14.18	14.00	2.19	4.94	3.12	0.50	1.63	2.25
16	23.50	1.38	1.44	18.50	18.00	16-1.12	21.25	16.16	15.25	16.19	16.00	2.44	4.94	3.44	0.50	1.75	2.50
18	25.00	1.50	1.56	21.00	19.88	16-1.25	22.75	18.18	17.25	18.20	18.00	2.62	5.44	3.81	0.50	1.94	2.69
20	27.50	1.62	1.69	23.00	22.00	20-1.25	25.00	20.20	19.25	20.25	20.00	2.81	5.62	4.06	0.50	2.13	2.88
22	29.50	1.75	1.81	25.25	24.25	20-1.38	27.25	22.22	21.25	22.25	22.00	3.07	5.82	4.25	0.50	2.38	3.13
24	32.00	1.81	1.88	27.25	26.12	20-1.38	29.50	24.25	23.25	24.25	24.00	3.19	5.94	4.38	0.50	2.50	3.25

DIMENSIONS ARE IN INCHES

[A] Bolt hole diameter 1/8 larger than bolt diameter

[B] Standard bore dimensions provided. See bore chart for other wall thicknesses

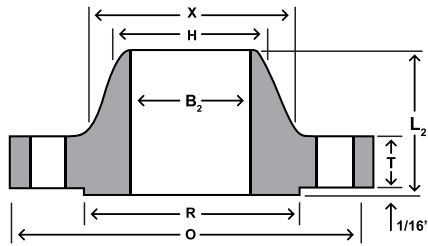
[C] This dimension is commonly associated with true lap joints. Industry standard is to make to the slip on length through the hub.

Periférico Km. 14.3 (Esquina con Zarco) Col. Centro Cd. Lerdo Dgo.
Tels.: +52 (871)725-4658 Ventas: +52 (871)725-4623 Fax: +52 (871)725-4659

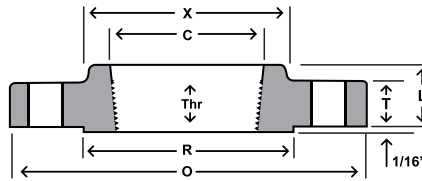


Aceros y Tuberías
... la fundición a tu medida

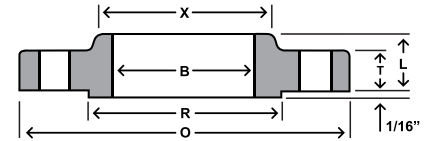
ANSI B16.5 Class 300



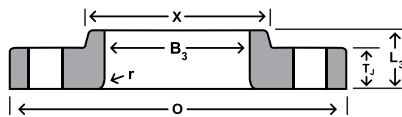
WELD NECK



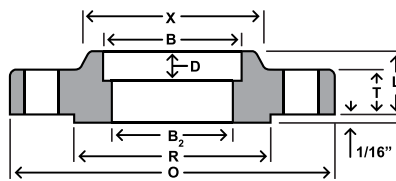
THREADED



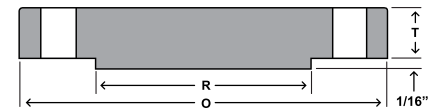
SLIP-ON



LAP JOINT



SOCKET WELD



BLIND

Nom. Pipe Size	O	T	T _J	R	X	#/Dia of Holes ^a	Bolt Circle Dia	B	B ₂ ^b	B ₃	H	L	L ₂	L ₃ ^c	r	C	D	Thr
1/2	3.75	0.50	0.56	1.38	1.50	4-0.63	2.62	0.88	0.62	0.90	0.84	0.81	2.00	0.88	0.12	0.93	0.38	0.62
3/4	4.62	0.56	0.62	1.69	1.88	4-0.75	3.25	1.09	0.82	1.11	1.05	0.94	2.19	1.00	0.12	1.14	0.44	0.62
1	4.88	0.62	0.69	2.00	2.12	4-0.75	3.50	1.36	1.05	1.38	1.32	1.00	2.38	1.06	0.12	1.41	0.50	0.69
1 1/4	5.25	0.69	0.75	2.50	2.50	4-0.75	3.88	1.70	1.38	1.72	1.66	1.00	2.50	1.06	0.19	1.75	0.56	0.81
1 1/2	6.12	0.75	0.81	2.88	2.75	4-0.88	4.50	1.95	1.61	1.97	1.90	1.13	2.63	1.19	0.25	1.98	0.62	0.88
2	6.50	0.81	0.88	3.62	3.31	8-0.75	5.00	2.44	2.07	2.46	2.38	1.25	2.69	1.31	0.31	2.50	0.69	1.12
2 1/2	7.50	0.94	1.00	4.12	3.94	8-0.88	5.88	2.94	2.47	2.97	2.88	1.44	2.94	1.50	0.31	3.00	0.75	1.25
3	8.25	1.06	1.12	5.00	4.62	8-0.88	6.62	3.57	3.07	3.60	3.50	1.63	3.06	1.69	0.38	3.63	0.81	1.25
3 1/2	9.00	1.12	1.19	5.50	5.25	8-0.88	7.25	4.07	3.55	4.10	4.00	1.69	3.13	1.75	0.38	4.13	.	1.44
4	10.00	1.19	1.25	6.19	5.75	8-0.88	7.88	4.57	4.03	4.60	4.50	1.82	3.32	1.88	0.44	4.63	.	1.44
5	11.00	1.31	1.38	7.31	7.00	8-0.88	9.25	5.66	5.05	5.69	5.56	1.94	3.82	2.00	0.44	5.69	.	1.69
6	12.50	1.38	1.44	8.50	8.12	12-0.88	10.62	6.72	6.07	6.75	6.63	2.00	3.82	2.06	0.50	6.75	.	1.81
8	15.00	1.56	1.62	10.62	10.25	12-1.00	13.00	8.72	7.98	8.75	8.63	2.38	4.32	2.44	0.50	8.75	.	2.00
10	17.50	1.81	1.88	12.75	12.62	16-1.12	15.25	10.88	10.02	10.92	10.75	2.56	4.56	3.75	0.50	10.88	.	2.19
12	20.50	1.94	2.00	15.00	14.75	16-1.25	17.75	12.88	12.00	12.92	12.75	2.82	5.06	4.00	0.50	12.94	.	2.38
14	23.00	2.06	2.12	16.25	16.75	20-1.25	20.25	14.14	13.25	14.18	14.00	2.94	5.56	4.38	0.50	14.19	.	2.50
16	25.50	2.19	2.25	18.50	19.00	20-1.38	22.50	16.16	15.25	16.19	16.00	3.19	5.69	4.75	0.50	16.19	.	2.69
18	28.00	2.31	2.38	21.00	21.00	24-1.38	24.75	18.18	17.25	18.20	18.00	3.44	6.19	5.12	0.50	18.19	.	2.75
20	30.50	2.44	2.50	23.00	23.12	24-1.38	27.00	20.20	19.25	20.25	20.00	3.69	6.32	5.50	0.50	20.19	.	2.88
22	33.00	2.57	2.63	25.25	25.25	24-1.63	29.25	22.22	21.25	22.25	22.00	3.93	6.43	5.75	0.50	22.19	.	3.13
24	36.00	2.69	2.75	27.25	27.62	24-1.63	32.00	24.25	23.25	24.25	24.00	4.13	6.56	6.00	0.50	24.19	.	3.25

DIMENSIONS ARE IN INCHES

[A] Bolt hole diameter 1/8 larger than bolt diameter

[B] Standard bore dimensions provided. See bore chart for other wall thicknesses

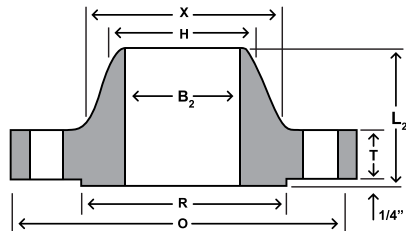
[C] This dimension is commonly associated with true lap joints. Industry standard is to make to the slip on length through the hub.

Periférico Km. 14.3 (Esquina con Zarco) Col. Centro Cd. Lerdo Dgo.
Tels.: +52 (871)725-4658 Ventas: +52 (871)725-4623 Fax: +52 (871)725-4659

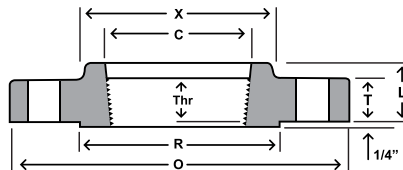


Aceros y Tuberías
... la fundición a tu medida

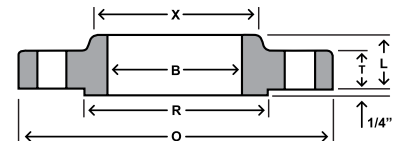
ANSI B16.5 Class 400



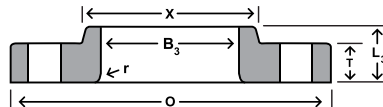
WELD NECK



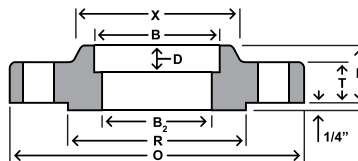
THREADED



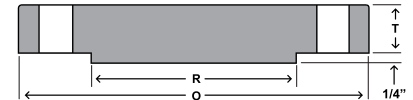
SLIP—ON



LAP JOINT



SOCKET WELD



BLIND

Nom. Pipe Size	O	T	R	X	#/Dia of Holes ^a	Bolt Circle Dia	B	B ₂ ^b	B ₃	H	L	L ₂	L ₃ ^c	r	C	D	Thr
1/2	3.75	0.56	1.38	1.50	4-0.63	2.62	0.88		0.90	0.84	0.88	2.06	0.88	0.12	0.93	0.38	0.62
3/4	4.62	0.62	1.69	1.88	4-0.75	3.25	1.09		1.11	1.05	1.00	2.25	1.00	0.12	1.14	0.44	0.62
1	4.88	0.69	2.00	2.12	4-0.75	3.50	1.36		1.38	1.32	1.06	2.44	1.06	0.12	1.41	0.50	0.69
1 1/4	5.25	0.81	2.50	2.50	4-0.75	3.88	1.70		1.72	1.66	1.12	2.62	1.12	0.19	1.75	0.56	0.81
1 1/2	6.12	0.88	2.88	2.75	4-0.88	4.50	1.95		1.97	1.90	1.25	2.75	1.25	0.25	1.99	0.62	0.88
2	6.50	1.00	3.62	3.31	8-0.75	5.00	2.44		2.46	2.38	1.44	2.88	1.44	0.31	2.50	0.69	1.12
2 1/2	7.50	1.12	4.12	3.94	8-0.88	5.88	2.94		2.97	2.88	1.62	3.12	1.62	0.31	3.00	0.75	1.25
3	8.25	1.25	5.00	4.62	8-0.88	6.62	3.57		3.60	3.50	1.81	3.25	1.81	0.38	3.63	0.81	1.38
3 1/2	9.00	1.38	5.50	5.25	8-1.00	7.25	4.07		4.10	4.00	1.94	3.38	1.94	0.38	4.13		1.56
4	10.00	1.38	6.19	5.75	8-1.00	7.88	4.57		4.60	4.50	2.00	3.50	2.00	0.44	4.63		1.44
5	11.00	1.50	7.31	7.00	8-1.00	9.25	5.66		5.69	5.56	2.12	4.00	2.12	0.44	5.69		1.69
6	12.50	1.62	8.50	8.12	12-1.00	10.62	6.72		6.75	6.63	2.25	4.06	2.25	0.50	6.75		1.81
8	15.00	1.88	10.62	10.25	12-1.12	13.00	8.72		8.75	8.63	2.69	4.62	2.69	0.50	8.75		2.00
10	17.50	2.12	12.75	12.62	16-1.25	15.25	10.88		10.92	10.75	2.88	4.88	4.00	0.50	10.88		2.19
12	20.50	2.25	15.00	14.75	16-1.38	17.75	12.88		12.92	12.75	3.12	5.38	4.25	0.50	12.94		2.38
14	23.00	2.38	16.25	16.75	20-1.38	20.25	14.14		14.18	14.00	3.31	5.88	4.62	0.50	14.19		2.50
16	25.50	2.50	18.50	19.00	20-1.50	22.50	16.16		16.19	16.00	3.69	6.00	5.00	0.50	16.19		2.69
18	28.00	2.62	21.00	21.00	24-1.50	24.75	18.18		18.20	18.00	3.88	6.50	5.38	0.50	18.19		2.75
20	30.50	2.75	23.00	23.12	24-1.62	27.00	20.20		20.25	20.00	4.00	6.62	5.75	0.50	20.19		2.88
22	33.00	2.88	25.25	25.25	24-1.75	29.25	22.22		22.25	22.00	4.25	6.75	6.00	0.50			--
24	36.00	3.00	27.25	27.62	24-1.88	32.00	24.25		24.25	24.00	4.50	6.88	6.25	0.50	24.19		3.25

To be specified by Purchaser.

DIMENSIONS ARE IN INCHES

[A] Bolt hole diameter 1/8 larger than bolt diameter

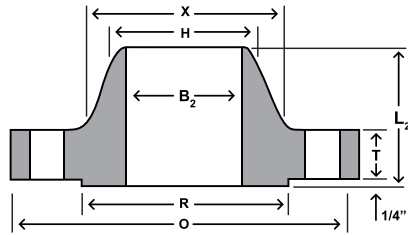
[B] See bore chart for wall thickness

[C] This dimension is commonly associated with true lap joints. Industry standard is to make to the slip on length through the hub.

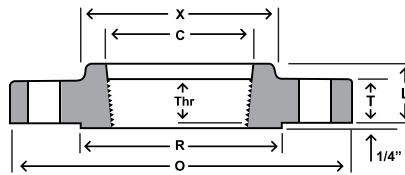


Aceros y Tuberías
... la fundición a tu medida

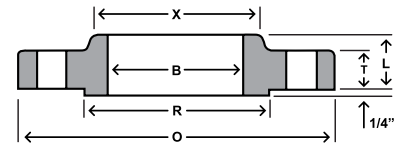
ANSI B16.5 Class 600



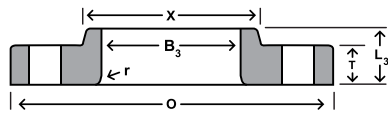
WELD NECK



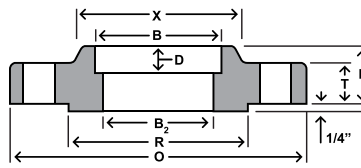
THREADED



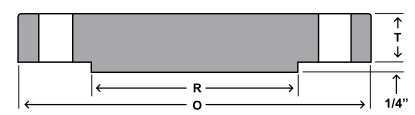
SLIP-ON



LAP JOINT



SOCKET WELD



BLIND

Nom. Pipe Size	O	T	R	X	#/Dia of Holes ^a	Bolt Circle Dia	B	B ₂ ^b	B ₃	H	L	L ₂	L ₃ ^c	r	C	D	Thr
1/2	3.75	0.56	1.38	1.50	4-0.63	2.62	0.88		0.90	0.84	0.88	2.06	0.88	0.12	0.93	0.38	0.62
3/4	4.62	0.62	1.69	1.88	4-0.75	3.25	1.09		1.11	1.05	1.00	2.25	1.00	0.12	1.14	0.44	0.62
1	4.88	0.69	2.00	2.12	4-0.75	3.50	1.36		1.38	1.32	1.06	2.44	1.06	0.12	1.41	0.50	0.69
1 1/4	5.25	0.81	2.50	2.50	4-0.75	3.88	1.70		1.72	1.66	1.12	2.62	1.12	0.19	1.75	0.56	0.81
1 1/2	6.12	0.88	2.88	2.75	4-0.88	4.50	1.95		1.97	1.90	1.25	2.75	1.25	0.25	1.99	0.62	0.88
2	6.50	1.00	3.62	3.31	8-0.75	5.00	2.44		2.46	2.38	1.44	2.88	1.44	0.31	2.50	0.69	1.12
2 1/2	7.50	1.12	4.12	3.94	8-0.88	5.88	2.94		2.97	2.88	1.62	3.12	1.62	0.31	3.00	0.75	1.25
3	8.25	1.25	5.00	4.62	8-0.88	6.62	3.57		3.60	3.50	1.81	3.25	1.81	0.38	3.63	0.81	1.38
3 1/2	9.00	1.38	5.50	5.25	8-1.00	7.25	4.07		4.10	4.00	1.94	3.38	1.94	0.38	4.13	.	1.56
4	10.75	1.50	6.19	6.00	8-1.00	8.50	4.57		4.60	4.50	2.12	4.00	2.12	0.44	4.63	.	1.62
5	13.00	1.75	7.31	7.44	8-1.12	10.50	5.66		5.69	5.56	2.38	4.50	2.38	0.44	5.69	.	1.88
6	14.00	1.88	8.50	8.75	12-1.12	11.50	6.72		6.75	6.63	2.62	4.62	2.62	0.50	6.75	.	2.00
8	16.50	2.19	10.62	10.75	12-1.25	13.75	8.72		8.75	8.63	3.00	5.25	3.00	0.50	8.75	.	2.25
10	20.00	2.50	12.75	13.50	16-1.38	17.00	10.88		10.92	10.75	3.38	6.00	4.38	0.50	10.88	.	2.56
12	22.00	2.62	15.00	15.75	20-1.38	19.25	12.88		12.92	12.75	3.62	6.12	4.62	0.50	12.94	.	2.75
14	23.75	2.75	16.25	17.00	20-1.50	20.75	14.14		14.18	14.00	3.69	6.50	5.00	0.50	14.19	.	2.88
16	27.00	3.00	18.50	19.50	20-1.63	23.75	16.16		16.19	16.00	4.19	7.00	5.50	0.50	16.19	.	3.06
18	29.25	3.25	21.00	21.50	20-1.75	25.75	18.18		18.20	18.00	4.62	7.25	6.00	0.50	18.19	.	3.12
20	32.00	3.50	23.00	24.00	20-1.75	28.50	20.20		20.25	20.00	5.00	7.50	6.50	0.50	20.19	.	3.25
22	34.25	3.75	25.25	26.25	24-1.75	30.63	22.22		22.25	22.00	5.25	7.75	6.88	0.50	.	.	--
24	37.00	4.00	27.25	28.25	24-2.00	33.00	24.25		24.25	24.00	5.50	8.00	7.25	0.50	24.19	.	3.62

To be specified by Purchaser.

DIMENSIONS ARE IN INCHES

[A] Bolt hole diameter 1/8 larger than bolt diameter

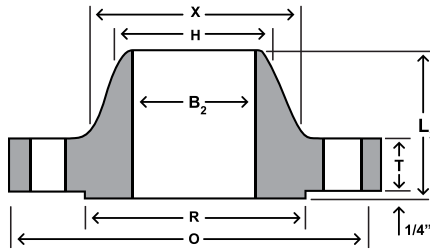
[B] See bore chart for wall thickness

[C] This dimension is commonly associated with true lap joints. Industry standard is to make to the slip on length through the hub.

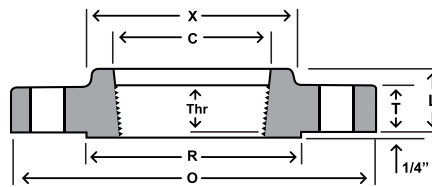


Aceros y Tuberías
... la fundición a tu medida

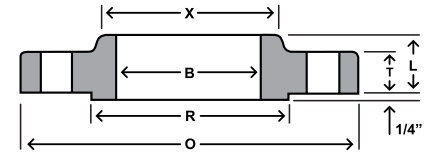
ANSI B16.5 Class 900



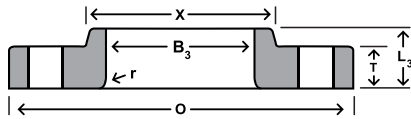
WELD NECK



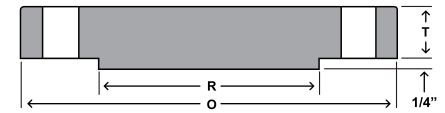
THREADED



SLIP-ON



LAP JOINT



BLIND

Nom. Pipe Size	O	T	R	X	#/Dia of Holes*	Bolt Circle Dia	B	B ₂ ^a	B ₃	H	L	L ₂	L ₃ ^c	r	C	Thr
Sizes 1/2" through 2 1/2" are identical to class 1500.							Sizes 1/2" through 2 1/2" are identical to class 1500.									
3	9.50	1.50	5.00	5.00	8-1.00	7.50	3.57		3.60	3.50	2.12	4.00	2.12	0.38	3.63	1.62
4	11.50	1.75	6.19	6.25	8-1.25	9.25	4.57		4.60	4.50	2.75	4.50	2.75	0.44	4.63	1.88
5	13.75	2.00	7.31	7.50	8-1.38	11.00	5.66		5.69	5.56	3.12	5.00	3.12	0.44	5.69	2.12
6	15.00	2.19	8.50	9.25	12-1.25	12.50	6.72		6.75	6.63	3.38	5.50	3.38	0.50	6.75	2.25
8	18.50	2.50	10.63	11.75	12-1.50	15.50	8.72		8.75	8.63	4.00	6.38	4.50	0.50	8.75	2.50
10	21.50	2.75	12.75	14.50	16-1.50	18.50	10.88		10.92	10.75	4.25	7.25	5.00	0.50	10.88	2.81
12	24.00	3.12	15.00	16.50	20-1.50	21.00	12.88		12.92	12.75	4.63	7.88	5.62	0.50	12.94	3.00
14	25.25	3.38	16.25	17.75	20-1.63	22.00	14.14		14.18	14.00	5.12	8.38	6.12	0.50	14.19	3.25
16	27.75	3.50	18.50	20.00	20-1.75	24.25	16.16		16.19	16.00	5.25	8.50	6.50	0.50	16.19	3.38
18	31.00	4.00	21.00	22.25	20-2.00	27.00	18.18		18.20	18.00	6.00	9.00	7.50	0.50	18.19	3.50
20	33.75	4.25	23.00	24.50	20-2.13	29.50	20.20		20.25	20.00	6.25	9.75	8.25	0.50	20.19	3.62
24	41.00	5.50	27.25	29.50	20-2.63	35.50	24.25		24.25	24.00	8.00	11.50	10.50	0.50	24.19	4.00

To be specified by Purchaser.

DIMENSIONS ARE IN INCHES

[A] Bolt hole diameter 1/8 larger than bolt diameter

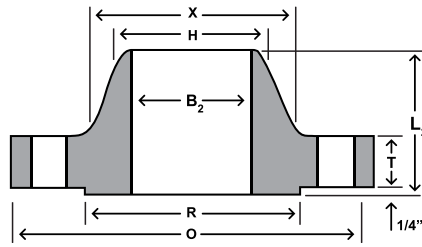
[B] See bore chart for wall thickness

[C] This dimension is commonly associated with true lap joints. Industry standard is to make to the slip on length through the hub.

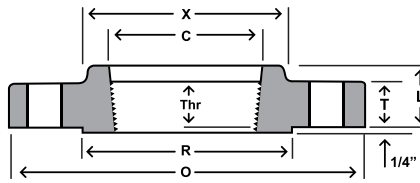


Aceros y Tuberías
... la fundición a tu medida

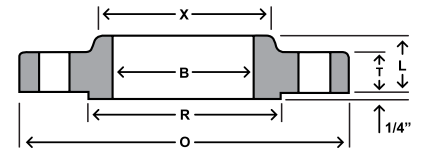
ANSI B16.5 Class 1500



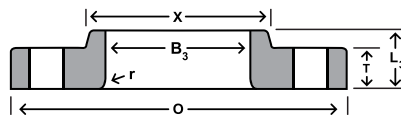
WELD NECK



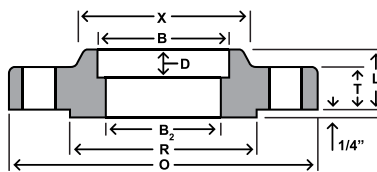
THREADED



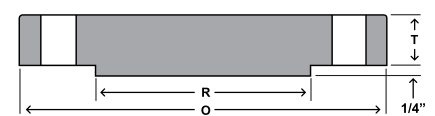
SLIP-ON



LAP JOINT



SOCKET WELD



BLIND

Nom. Pipe Size	O	T	R	X	#/Dia of Holes ^a	Bolt Circle Dia	B	B ₂ ^b	B ₃	H	L	L ₂	L ₃ ^c	r	C	D	Thr
1/2	4.75	0.88	1.38	1.50	4-0.88	3.25	0.88		0.90	0.84	1.25	2.38	1.25	0.12	0.93	0.38	0.88
3/4	5.12	1.00	1.69	1.75	4-0.88	3.50	1.09		1.11	1.05	1.38	2.75	1.38	0.12	1.14	0.44	1.00
1	5.88	1.12	2.00	2.06	4-1.00	4.00	1.36		1.38	1.32	1.62	2.88	1.62	0.12	1.41	0.50	1.12
1 1/4	6.25	1.12	2.50	2.50	4-1.00	4.38	1.70		1.72	1.66	1.62	2.88	1.62	0.19	1.75	0.56	1.19
1 1/2	7.00	1.25	2.88	2.75	4-1.12	4.88	1.95		1.97	1.90	1.75	3.25	1.75	0.25	1.99	0.62	1.25
2	8.50	1.50	3.63	4.12	8-1.00	6.50	2.44		2.46	2.38	2.25	4.00	2.25	0.31	2.50	0.69	1.50
2 1/2	9.62	1.62	4.13	4.88	8-1.12	7.50	2.94		2.97	2.88	2.50	4.12	2.50	0.31	3.00	0.75	1.88
3	10.50	1.88	5.00	5.25	8-1.25	8.00	.		3.60	3.50	.	4.62	2.88	0.38	.	.	.
4	12.25	2.12	6.19	6.38	8-1.38	9.50	.		4.60	4.50	.	4.88	3.56	0.44	.	.	.
5	14.75	2.88	7.31	7.75	8-1.63	11.50	.		5.69	5.56	.	6.12	4.12	0.44	.	.	.
6	15.50	3.25	8.50	9.00	12-1.50	12.50	.		6.75	6.63	.	6.75	4.69	0.50	.	.	.
8	19.00	3.62	10.63	11.50	12-1.75	15.50	.		8.75	8.63	.	8.38	5.62	0.50	.	.	.
10	23.00	4.25	12.75	14.50	12-2.00	19.00	.		10.92	10.75	.	10.00	7.00	0.50	.	.	.
12	26.50	4.88	15.00	17.75	16-2.12	22.50	.		12.92	12.75	.	11.12	8.62	0.50	.	.	.
14	29.50	5.25	16.25	19.50	16-2.38	25.00	.		14.18	14.00	.	11.75	9.50	0.50	.	.	.
16	32.50	5.75	18.50	21.75	16-2.63	27.75	.		16.19	16.00	.	12.25	10.25	0.50	.	.	.
18	36.00	6.38	21.00	23.50	16-2.88	30.50	.		18.20	18.00	.	12.88	10.88	0.50	.	.	.
20	38.75	7.00	23.00	25.25	16-3.12	32.75	.		20.25	20.00	.	14.00	11.50	0.50	.	.	.
24	46.00	8.00	27.25	30.00	16-3.63	39.00	.		24.25	24.00	.	16.00	13.00	0.50	.	.	.

To be specified by Purchaser.

DIMENSIONS ARE IN INCHES

(A) Bolt hole diameter 1/8 larger than bolt diameter

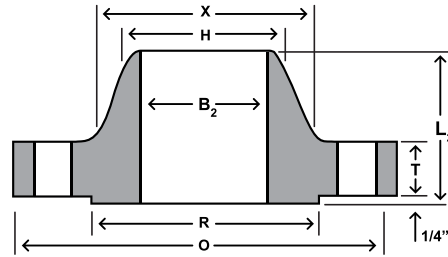
(B) See bore chart for wall thickness

(C) This dimension is commonly associated with true lap joints. Industry standard is to make to the slip on length through the hub.

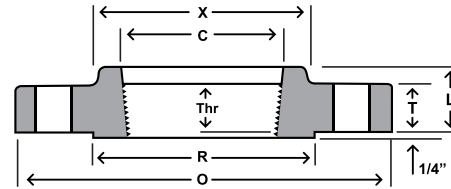


Aceros y Tuberías
... la fundición a tu medida

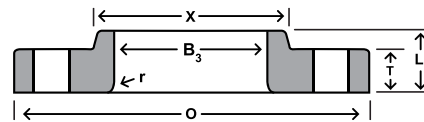
ANSI B16.5 Class 2500



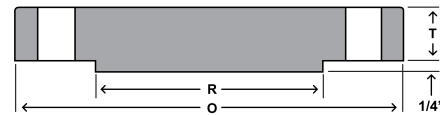
WELD NECK



THREADED



LAP JOINT



BLIND

Nom. Pipe Size	O	T	R	X	#/Dia of Holes ^a	Bolt Circle Dia	B ₂ ^b	B ₃	H	L	L ₂	L ₃	r	C	Thr
1/2	5.25	1.19	1.38	1.69	4-0.88	3.50		0.90	0.84	1.56	2.88	1.56	0.12	0.93	1.12
3/4	5.50	1.25	1.69	2.00	4-0.88	3.75		1.11	1.05	1.69	3.12	1.69	0.12	1.14	1.25
1	6.25	1.38	2.00	2.25	4-1.00	4.25		1.38	1.32	1.88	3.50	1.88	0.12	1.41	1.38
1 1/4	7.25	1.50	2.50	2.88	4-1.12	5.13		1.72	1.66	2.06	3.75	2.06	0.19	1.75	1.50
1 1/2	8.00	1.75	2.88	3.12	4-1.25	5.75		1.97	1.90	2.38	4.38	2.38	0.25	1.99	1.75
2	9.25	2.00	3.63	3.75	8-1.12	6.75		2.46	2.38	2.75	5.00	2.75	0.31	2.50	2.00
2 1/2	10.50	2.25	4.13	4.50	8-1.25	7.75		2.97	2.88	3.12	5.62	3.12	0.31	3.00	2.25
3	12.00	2.62	5.00	5.25	8-1.38	9.00		3.60	3.50	.	6.62	3.62	0.38	.	.
4	14.00	3.00	6.19	6.50	8-1.63	10.75		4.60	4.50	.	7.50	4.25	0.44	.	.
5	16.50	3.62	7.31	8.00	8-1.88	12.75		5.69	5.56	.	9.00	5.12	0.44	.	.
6	19.00	4.25	8.50	9.25	8-2.12	14.50		6.75	6.63	.	10.75	6.00	0.50	.	.
8	21.75	5.00	10.63	12.00	12-2.12	17.25		8.75	8.63	.	12.50	7.00	0.50	.	.
10	26.50	6.50	12.75	14.75	12-2.63	21.25		10.92	10.75	.	16.50	9.00	0.50	.	.
12	30.00	7.25	15.00	17.38	12-2.88	24.38		12.92	12.75	.	18.25	10.00	0.50	.	.

To be specified by Purchaser.

DIMENSIONS ARE IN INCHES

[A] Bolt hole diameter 1/8 larger than bolt diameter

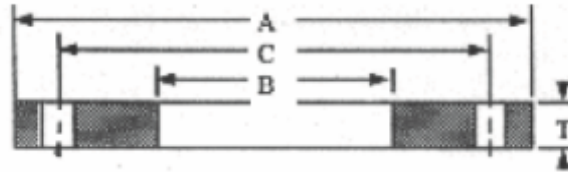
[B] See bore chart for wall thickness

[C] This dimension is commonly associated with true lap joints. Industry standard is to make to the slip on length through the hub.



Aceros y Tuberías
... la fundición a tu medida

Formally Table 4 Class E



AWWA standard steel-ring flanges, Class E* (275psi)
Table 5 Class E (Blinds from table 7) (C-207-94)

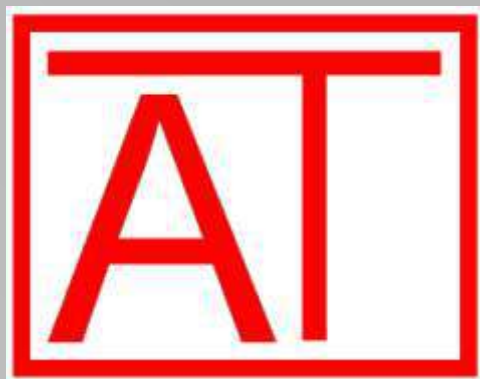
Nominal Weights Pipe Size	OD of Flange	ID of Flange	Thickness of Flange (T)		Number of Bolt Holes	Diam. of Bolt Holes	Diam. of Bolt Circle	Weights	
	(A)	(B)	Slip-On	Blind				Slip-on	Blind
4	9	4.57	1.125	1.125	8	0.75	7.5	14	20
5	10	5.66	1.188	1.188	8	0.875	8.5	16	26
6	11	6.72	1.313	1.313	8	0.875	9.5	20	35
8	13.5	8.72	1.5	1.5	8	0.875	11.75	33	61
10	16	10.88	1.563	1.563	12	1	14.25	44	89
12	19	12.88	1.75	1.75	12	1	17	71	141
14	21	14.19	1.875	1.875	12	1.125	18.75	94	184
16	23.5	16.19	2	2	16	1.125	21.25	120	246
18	25	18.19	2.125	2.125	16	1.25	22.75	127	296
20	27.5	20.19	2.375	2.375	20	1.25	25	168	400
22	29.5	22.19	2.5	2.5	20	1.375	27.25	189	484
24	32	24.19	2.625	2.625	20	1.375	29.5	234	598
26	34.25	26.19	2.75	2.75	24	1.375	31.75	270	718
28	36.5	28.19	2.75	2.75	28	1.375	34	297	815
30	38.75	30.19	2.875	2.875	28	1.375	36	344	961
32	41.75	32.19	3	3	28	1.625	38.5	422	1163
34	43.75	34.19	3	3.05	32	1.625	40.5	441	1299
36	46	36.19	3.125	3.209	32	1.625	42.75	502	1511
38	48.75	38.19	3.125	3.394	32	1.625	45.25	580	1795
40	50.75	40.19	3.25	3.533	36	1.625	47.25	626	2025
42	53	42.19	3.375	3.695	36	1.625	49.5	701	2309
44	55.25	44.19	3.375	3.997	40	1.625	51.75	747	2715
46	57.25	46.19	3.438	3.857	40	1.625	53.75	794	2813
48	59.5	48.19	3.5	4.159	44	1.625	56	858	3276
50	61.75	50.19	3.5	4.327	44	1.875	58.25	887	3671
52	64	52.19	3.625	4.489	44	1.875	60.5	982	4091
54	66.25	54.19	3.75	4.651	44	1.875	62.75	1083	4542
60	73	60.19	3.875	5.116	52	1.875	69.25	1313	6066
66	80	66.19	4.25	5.601	52	1.875	76	1736	7976
72	86.5	72.19	4.375	6.066	60	1.875	82.5	2005	10099
78	93	78.19	4.75	64	2.125	89	2374		
84	99.75	84.19	4.75	64	2.125	95.5	2719		
90	106.5	90.19	5.125	68	2.438	102	3197		
96	113.25	96.19	5.125	68	2.438	108.5	3613		
102	120	102.1	5.5	72	2.688	114.5	4206		
108	126.75	108.1	5.5	72	2.688	120.75	4700		
114	133.5	114.1	5.875	76	2.938	126.75	5395		
120	140.25	120.1	5.875	76	2.938	132.75	5972		
126	147	126.1	6.25	80	3.188	138.75	6775		
132	153.75	132.1	6.25	80	3.188	144.75	7442		
138	160.5	138.1	6.75	84	3.438	150.75	8517		

Notes: All dimensions measured in inches. All weights in pounds and are approximate. *Pressure rating at atmospheric temperature is 275 psi. These flanges have the same diameter and drilling as ANSI/ASME B16.1 class 125 cast-iron flanges. In sizes 24in. and smaller they also match ANSI/ASME B16.5 150-psi standard for steel flanges.



Aceros y Tuberías
... la fundición a tu medida

And all others specials designs



Aceros y Tuberías

... la fundición a tu medida

**Periférico Km. 14.3 (Esquina con Zarco) Col. Centro Cd. Lerdo Dgo.
Tels.: +52 (871)725-4658 Ventas: +52 (871)725-4623 Fax: +52 (871)725-4659**