

TECHNICAL INFORMATION



MATERIAL CONVERSION TABLE

ASTM			JIS		DIN		USED BOLT/NUT(ASTM)	
FORGED	CAST	BARSTOCK	FORGED	CAST	FORGED	CAST	BOLT	NUT
A105	A216-WCB	A105	SFVC2A	SCPH2	1.0402	1.0619	A193-B7	A194-2H
A350-LF2	A352-LCB	A350-LF2	SFL2	SCPL1	1.0508	1.1156	A320-L7	A194-4
A350-LF3	A352-LC3	A350-LF3	SFL3	SCPL31	1.5637	1.5638	A320-L7	A194-4
A182-F1	A217-WC1	A182-F1	SFVA F1	SCPH11	1.5415	1.5419	A193-B16	A194-4
A182-F5	A217-C5	A182-F5	SFVA F5D	SCPH61	1.7362	1.7353	A193-B16	A194-4
A182-F9	A217-C12	A182-F9	SFVA F9	—	1.4021	—	A193-B16	A194-4
A182-F11	A217-WC6	A739-B11	SFVA F11A	SCPH21	1.7733	1.7357	A193-B16	A194-4
A182-F22	A217-WC9	A739-B22	SFVA F22A	SCPH32	1.7380	1.7379	A193-B16	A194-4
A182-F6	A217-CA15	A276/A479-410	SUS410	SCS1	1.4006	—	—	—
A182-F304	A351-CF8	A276/A479-304	SUS-F304	SCS13A	1.4301	1.4308	A193-B8	A194-8
A182-F304L	A351-CF3	A276/A479-304L	SUS-F304L	SCS19A	1.4306	1.4309	A193-B8	A194-8
A182-F316	A351-CF8M	A276/A479-316	SUS-F316	SCS14A	1.4401	1.4408	A193-B8	A194-8
A182-F316L	A351-CF3M	A276/A479-316L	SUS-F316L	SCS16A	1.4404	1.4409	A193-B8	A194-8
A182-F321	—	A276/A479-321	SUS-F321	—	1.4541	—	A193-B8	A194-8
A182-F347	A351-CF8C	A276/A479-347	SUS-F347	SCS21	1.4550	1.4452	A193-B8	A194-8
A182-F304H	A351-CF10	A276/A479-304H	SUS-F304H	—	1.4948	—	A193-B8	A194-8
A182-316H	A351-CF10M	A276/A479-316H	SUS-F316H	—	—	—	A193-B8	A194-8
A182-F317	A351-CG8M	A276/A479-317	SUS-F317	—	1.4449	—	A193-B8	A194-8
A182-F317L	A351-CG3M	A276/A479-317L	SUS-F317L	—	1.4438	—	A193-B8	A194-8
A182-F310	A351-CK20	A276/A479-310	SUS-F310	SCS18	1.4845	—	A193-B8	A194-8
B462NO8020	A351-CN7M	B473NO8020	ALLOY 20	SCS23	2.4660	—	A193-B8M	A194-8M
B160NO2200	A494CZ-100	B160NO2200	NICKEL 200	—	2.4066	—	A193-B8M	A194-8M
B160NO2201	A494CZ-100	B160NO2201	NICKEL 201	—	2.4068	—	A193-B8M	A194-8M
B564NO4400	A494 M-35	B164NO4400	MONEL 400	—	2.4360	—	A193-B8M	A194-8M
B564NO6600	A494 CY40	B166NO6600	INCONEL 600	—	2.4816	—	A193-B8M	A194-8M
B564NO6625	A494CW-6MC	B446NO6625	INCONEL 625	—	2.4856	—	A193-B8M	A194-8M
B564NO8800	—	B408NO8800	INCOLOY 800	—	—	—	A193-B8M	A194-8M
B425NO8825	—	B425NO8825	INCOLOY 825	—	2.4858	—	A193-B8M	A194-8M
B335N1001	A494N-12MV	B335N1001	HASTELLOY-B	—	—	—	A193-B8M	A194-8M
B335N10665	A494N-7M	B335N10665	HASTELLOY-B2	—	2.4617	2.4810	A193-B8M	A194-8M
B564N10276	A494CW-12MW	B574NO10276	HASTELLOY-C276	—	2.4819	2.4537	A193-B8M	A194-8M
B574NO6455	A494CW-2M	B574NO6455	HASTELLOY-C4	—	2.4610	—	A193-B8M	A194-8M
B574NO6022	A494CW-6M	B574NO6022	HASTELLOY-C22	—	2.4602	—	A193-B8M	A194-8M

*A193-B8M / A194-8M CAN BE SUBSTITUTED FOR A193-B8 / A194-8

WORKING TEMPERATURE OF VALVE BODY & SEAT MATERIAL

MATERIAL	LOWER (°F)	UPPER (°F)	MATERIAL	LOWER (°F)	UPPER (°F)
Cast Iron	-20	410	Titanium		600
Ductile Iron	-20	650	Nickel	-325	600
Carbon Steel (Grade WCB)	-20	1000	Alloy 20	-50	600
Carbon Steel (Grade LCB)	-50	650	Type 416 Stainless Steel 40Rc	-20	800
Carbon Moly (Grade WC1)	-20	850	Type 440 Stainless Steel 60Rc	-20	800
1-1/4 Cr-1/2 Mo (Grade WC6)	-20	1000	17-4 PH	-40	800
2-1/4 Cr-1 Mo (Grade WC9)	-20	1050	Alloy 6 (Co-Cr)	-460	1500
5 Cr-1/2 Mo (Grade C5)	-20	1100	Electroless Nickel Plating	-450	800
9 Cr-1 Mo (Grade C12)	-20	1100	Chrome Plating	-450	1100
3-1/2 Ni (Grade LC3)	-150	650	Aluminum Bronze	-460	600
Aluminum	-325	400	Nitrile (Buna-N)	-40	200
Type 304 Stainless Steel	-450	600	Fluoroelastomer (Viton Land Fluore12)	-10	400
Type 347 (Grade CF8C)	-425	1500	Graphoil	-400	3000
Type 316 Stainless Steel	-450	600	Nylon	-100	200
Bronze	-460	450	Polyethylene	-100	200
Inconel	-400	1200	Neoprene	-40	180
K Monel	-400	900	PTFE	-320	392
Monel	-400	900	PTFE+25% Carbon	-148	428
Hastelloy B		700	Devlon	-193	347
Hastelloy C		1000	Peek	14	572

TECHNICAL INFORMATION

ANSI B16.34 PRESSURE TEMPERATURE RATINGS

Material Temperature	A105(a)(b), A350 LF2(a)&A216WCB (a)						A182F5 & A217 C5 (c)						A182 F9 & A217 C12 (c)					
	MAXIMUM PRESSURE PSIG						MAXIMUM PRESSURE PSIG						MAXIMUM PRESSURE PSIG					
"F °C	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	
>100	328 285 740 1480 1975 2220 3705 6170	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250		

Material Temperature	A182F11 (c) (d) & A217WC6 (c) (e)						A182 F22 (c) (d) & A217 WC9 (c) (e)						A182F304(f) & F316L					
	MAXIMUM PRESSURE PSIG						MAXIMUM PRESSURE PSIG						MAXIMUM PRESSURE PSIG					
"F °C	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500		
>100	328 285 740 1480 1975 2220 3705 6170	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250		

Material Temperature	A182F304(g) A351CF3 (f) & CF8 (g)						A182F316(g) A351CF3M(h) & CF8M(g)								
	MAXIMUM PRESSURE PSIG						MAXIMUM PRESSURE PSIG								
"F °C	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500	150 300 600 800 900 1500 2500
>100	328 285 740 1480 1975 2220 3705 6170	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250	290 750 1500 2000 2250 3750 6250

PRESSURE TEST		
PARTS	MEDIUM	PRESSURE
CASING	HYDRAULIC	MAX.W.P.X150%
SEAT	HYDRAULIC	MAX.W.P.X110%
BACK SEAT	HYDRAULIC	MAX.W.P.X110%
SEAT	PNEUMATIC	100PSI
TEST METHOD AS PER API 598		
TEST DURATION AS PER API 598		
PRESSURE TEST AS PER ANSI B16.34		

MAX W.P. = MAX. WORKING PRESSURE

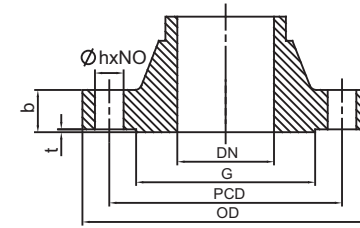
NOTES-(1) FOR WELDING ENDS ONLY . FLANGED ENDS RATING TERMINATES@1000°F
 (a) NOT RECOMMENDED FOR PROLONGED USE ABOVE 850°F
 (b) ONLY KILLED STEEL SHOULD BE USED ABOVE 850°F
 (c) USE NORMALIZED AND TEMPERED MATCH ONLY
 (d) NOT RECOMMENDED FOR USE ABOVE 1100°F
 (e) NOT TO BE USED ABOVE 1100°F

(h) NOT TO BE USED OVER 850°F
 (f) NOT TO BE USED OVER 800°F
 (g) AT TEMPERATURES OVER 1000°F USE ONLY WHERE THE CARBON CONTENT IS 0.04% OR HIGHER

CONVERSION : 1BAR = 14.50377 PSIG 1PSIG = 0.06895 BAR 1KG/CM2 = 14.2 PSIG



VALVE FLANGE DIMENSIONS : DIN & ANSI



PN	DN	OD	PCD	G	b	t	Øh	No
DIN 6	10	75	50	35	12	2	11	4
DIN 10-16	10	90	60	40	14	2	14	4
DIN 25-40	10	90	60	40	16	2	14	4
DIN 64-100	10	100	70	40	20	2	14	4
DIN 6	15	80	55	40	12	2	11	4
DIN 10-16	15	95	65	45	14	2	14	4
ANSI 150	1/2"	88.9	60.3	34.9	11.1	1.6	16	4
DIN 25-40	15	95	65	45	16	2	14	4
ANSI 300	1/2"	95.2	66.7	34.9	14.3	1.6	16	4
ANSI 600	1/2"	95.2	66.7	34.9	20.65	6.35	16	4
DIN 64-100	15	105	75	45	20	2	14	4
ANSI 900-1500	1/2"	121	82.5	34.9	28.55	6.35	23	4
DIN 6	20	90	65	50	14	2	11	4
ANSI 10-16	20	105	75	58	16	2	14	4
ANSI 150	3/4"	98.4	69.8	42.9	11.1	1.6	16	4
DIN 25-40	20	105	75	58	18	2	14	4
ANSI 300	3/4"	118	82.5	42.9	15.9	1.6	19	4
ANSI 600	3/4"	118	82.5	42.9	22.25	6.35	19	4
DIN 64-100	20	130	90	58	24	2	18	4
ANSI 900-1500	3/4"	130	88.9	42.9	31.75	6.35	23	4
DIN 6	25	100	75	60	14	2	11	4
DIN 10-16	25	115	85	68	16	2	14	4
ANSI 150	1"	108	79.4	50.8	11.1	1.6	16	4
DIN 25-40	25	115	85	68	18	2	14	4
ANSI 300	1"	124	88.9	50.8	17.5	1.6	19	4
ANSI 600	1"	124	88.9	50.8	23.85	6.35	19	4
DIN 64-100	25	140	100	68	24	2	18	4
ANSI 900-1500	1"	149	102	50.8	34.95	6.35	26	4

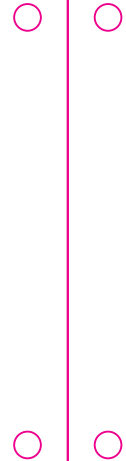
PN	DN	OD	PCD	G	b	t	Øh	No
DIN 6	32	120	90	70	14	2	14	4
DIN 10-16	32	140	100	78	16	2	18	4
ANSI 150	1 1/4"	118	88.9	63.5	12.7	1.6	16	4
DIN 25-40	32	140	100	78	18	2	18	4
ANSI 300	1 1/4"	133	98.4	63.5	19	1.6	19	4
ANSI600	1 1/4"	133	98.4	63.5	26.95	6.35	19	4
DIN64-100	32	155	110	78	24	2	22	4
ANSI 900-1500	1 1/4"	159	111	63.5	34.95	6.35	26	4
DIN 6	40	130	100	80	14	3	14	4
DIN 10-16	40	150	110	88	16	3	18	4
ANSI 150	1 1/2"	127	98.4	73	14.3	1.6	16	4
DIN 25-40	40	150	110	88	18	3	18	4
ANSI 300	1 1/2"	156	114	73	20.6	1.6	23	4
ANSI 600	1 1/2"	156	114	73	28.85	6.35	23	4
DIN 64-100	40	170	125	88	26	3	22	4
ANSI 900-1500	1 1/2"	178	124	73	38.05	6.35	29	4
DIN 6	50	140	110	90	14	3	14	4
ANSI 10-16	50	165	125	102	18	3	18	4
ANSI 150	2"	152	121	92.1	15.9	1.6	19	4
DIN 25-40	50	165	125	102	20	3	18	4
ANSI 300	2"	165	127	92.1	22.2	1.6	19	8
DIN 64	50	180	135	102	26	3	22	4
ANSI 600	2"	165	127	92.1	31.75	6.35	19	8
DIN 100	50	195	145	102	28	3	26	4
ANSI 900-1500	2"	216	165	92.1	44.45	6.35	26	8

TECHNICAL INFORMATION

VALVE FLANGE DIMENSIONS : DIN & ANSI

PN	DN	OD	PCD	G	b	t	Øh	No
DIN 6	65	160	130	110	14	3	14	4
DIN 10-16	65	185	145	122	18	3	18	4
ANSI 150	2 1/2"	178	140	105	17.5	1.6	19	4
DIN 25-40	65	185	145	122	22	3	18	8
ANSI 300	2 1/2"	191	149	105	25.4	1.6	23	8
DIN 64	65	205	160	122	26	3	22	8
ANSI 600	2 1/2"	191	149	105	34.95	6.35	23	8
DIN 100	65	220	170	122	30	3	26	8
ANSI 900-1500	2 1/2"	245	191	105	47.65	6.35	29	8
DIN 6	80	190	150	128	16	3	18	4
DIN 10	80	200	160	138	20	3	18	8
DIN 16	80	200	160	138	20	3	18	8
ANSI 150	3"	191	152	127	19	1.6	19	4
DIN 25-40	80	200	160	138	24	3	18	8
ANSI 300	3"	210	168	127	28.6	1.6	23	8
DIN 64	80	215	170	138	28	3	22	8
ANSI 600	3"	210	168	127	38.25	6.35	23	8
DIN 100	80	230	180	138	32	3	26	8
ANSI 900	3"	241	191	127	44.45	6.35	26	8
ANSI 1500	3"	267	203	127	54.10	6.35	32	8
DIN 6	100	210	170	148	16	3	18	4
DIN 10-16	100	220	180	158	20	3	18	8
ANSI 150	4"	229	191	157	23.8	1.6	19	8
DIN 25-40	100	235	190	162	24	3	22	8
ANSI 300	4"	254	200	157	31.7	1.6	23	8
DIN 64	100	250	200	162	30	3	26	8
ANSI 600	4"	273	216	157	44.45	6.35	26	8
DIN 100	100	265	210	162	36	3	30	8
ANSI 900	4"	292	235	157	50.75	6.35	32	8
ANSI 1500	4"	311	241	157	60.35	6.35	35	8
DIN 6	125	240	200	178	18	3	18	8
DIN 10-16	125	250	210	188	22	3	18	8
ANSI 150	5"	254	216	186	23.8	1.6	23	8
DIN 25-40	125	270	220	188	26	3	26	8
ANSI 300	5"	279	235	186	34.9	1.6	23	8
DIN 64	125	295	240	188	34	3	30	8
ANSI 600	5"	330	267	186	50.95	6.35	29	8
DIN 100	125	315	250	188	40	3	33	8
ANSI 900	5"	349	279	186	57.15	6.35	35	8
ANSI 1500	5"	375	292	186	79.35	6.35	42	8

PN	DN	OD	PCD	G	b	t	Øh	No
DIN 6	150	265	225	202	18	3	18	8
DIN 10-16	150	285	240	212	22	3	22	8
ANSI 150	6"	279	241	216	25.4	1.6	23	8
DIN 25-40	150	300	250	218	28	3	26	8
ANSI 300	6"	318	270	216	36.5	1.6	23	12
DIN 64	150	345	280	218	36	3	33	8
ANSI 600	6"	356	292	216	54.20	6.35	29	12
DIN 100	150	355	290	218	44	3	33	12
ANSI 900	6"	381	318	216	61.95	6.35	32	12
ANSI 1500	6"	394	318	216	88.85	6.35	39	12
DIN 6	175	295	255	232	20	3	18	8
DIN 10-16	175	315	270	242	24	3	22	8
DIN 25	175	330	280	248	28	3	26	12
DIN 40	175	350	295	260	32	3	30	12
DIN 64	175	375	310	260	40	3	33	12
DIN 100	175	385	320	260	48	3	33	12
DIN 6	200	320	280	258	20	3	18	8
DIN 10	200	340	295	268	24	3	22	8
DIN 16	200	340	295	268	24	3	22	12
ANSI 150	8"	343	298	270	28.6	1.6	23	8
DIN25	200	360	310	278	30	3	26	12
DIN 40	200	375	320	285	34	3	30	12
ANSI 300	8"	381	330	270	41.3	1.6	26	12
DIN 64	200	415	345	285	42	3	36	12
ANSI 600	8"	419	349	270	61.95	6.35	32	12
DIN 100	200	430	360	285	52	3	36	12
ANSI 900	8"	470	394	270	69.85	6.35	39	12
ANSI 1500	8"	483	394	270	98.45	6.35	45	12
DIN 6	250	375	335	312	22	3	18	12
DIN 10	250	395	350	320	26	3	22	12
DIN 16	250	405	355	320	26	3	26	12
ANSI 150	10"	406	362	324	30.2	1.6	26	12
DIN25	250	425	370	335	32	3	30	12
DIN 40	250	450	385	345	38	3	33	12
ANSI 300	10"	445	387	324	47.6	1.6	29	16
DIN 64	250	470	400	345	46	3	36	12
ANSI 600	10"	508	432	324	69.85	6.35	36	16
DIN 100	250	505	430	345	60	3	39	12
ANSI 900	10"	546	470	324	76.15	6.35	39	16
ANSI 1500	10"	584	483	324	114.35	6.35	51	12



VALVE FLANGE DIMENSIONS : DIN & ANSI

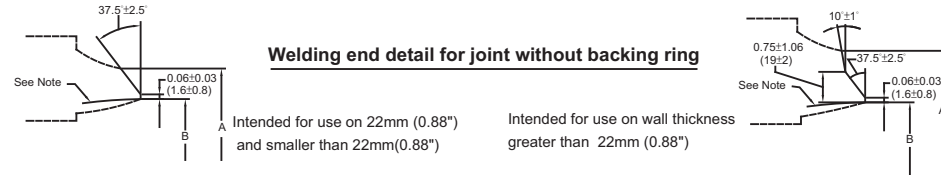
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DIN 6	300	440	395	365	22	4	22	12
DIN 10	300	445	400	370	26	4	22	12
DIN16	300	460	410	378	28	4	26	12
ANSI 150	12"	483	432	381	31.7	1.6	26	12
DIN 25	300	485	430	395	34	4	30	16
DIN 40	300	515	450	410	42	4	33	16
ANSI 300	12"	521	451	381	50.8	1.6	32	16
DIN 64	300	530	460	410	52	4	36	16
ANSI 600	12"	559	489	381	73.05	6.35	36	20
DIN 100	300	585	500	410	68	4	42	16
ANSI 900	12"	610	533	381	85.75	6.35	39	20
ANSI 1500	12"	673	572	381	130.35	6.35	54	16
DIN 6	350	490	445	415	22	4	22	12
DIN 10	350	505	460	430	26	4	22	16
DIN 16	350	520	470	438	30	4	26	16
ANSI 150	14"	533	476	413	34.9	1.6	29	12
DIN 25	350	555	490	450	38	4	33	16
DIN 40	350	580	510	465	46	4	36	16
ANSI 300	14"	584	514	413	54	1.6	32	20
DIN 64	350	600	525	465	56	4	39	16
ANSI 600	14"	603	527	413	76.16	6.35	39	20
DIN 100	350	655	560	465	74	4	48	16
ANSI 900	14"	641	559	413	92.05	6.35	42	20
ANSI 1500	14"	749	635	413	139.75	6.35	61	16
DIN 6	400	540	495	465	22	4	22	16
DIN 10	400	565	515	482	26	4	26	16
DIN 16	400	580	525	490	32	4	30	16
ANSI 150	16"	597	540	470	36.5	1.6	29	16
DIN 25	400	620	550	505	40	4	36	16
DIN 40	400	660	585	535	50	4	39	16
ANSI 300	16"	648	572	470	57.2	1.6	35	20
DIN 64	400	670	585	535	60	4	42	16
ANSI 600	16"	686	603	470	82.55	6.35	42	20
DIN 100	400	715	620	535	80	4	48	16
ANSI 900	16"	705	616	470	95.25	6.35	45	20
ANSI 1500	16"	826	705	470	152.35	6.35	66	16

PN	DN	OD	PCD	G	b	t	Øh	No
DIN 6	450	595	550	520	22	4	22	16
DIN 10	450	615	565	532	28	4	26	20
DIN16	450	640	585	550	34	4	30	20
ANSI 150	18"	635	578	533	39.7	1.6	32	16
DIN 25	450	670	600	550	42	4	36	20
DIN 40	450	685	610	560	50	4	39	20
ANSI 300	18"	711	629	533	60.3	1.6	35	24
DIN 64	450	715	630	560	4	42	20	
ANSI 600	18"	743	654	533	88.85	6.35	45	20
DIN 100	450	770	675	560	4	48	20	
ANSI 900	18"	787	686	533	108.35	6.35	51	20
ANSI 1500	18"	914	775	533	168.35	6.35	74	16
DIN 6	500	645	600	570	24	4	22	20
DIN 10	500	670	620	585	28	4	26	20
DIN 16	500	715	650	610	34	4	33	20
ANSI 150	20"	699	635	584	42.9	1.6	32	20
DIN 25	500	730	660	615	44	4	36	20
DIN 40	500	755	670	615	52	4	42	20
ANSI 300	20"	775	686	584	63.5	1.6	35	24
DIN 64	500	800	705	615	4	48	20	
ANSI 600	20"	813	724	584	95.25	6.35	45	24
DIN 100	500	870	760	615	4	56	20	
ANSI 900	20"	857	749	584	114.35	6.35	54	20
ANSI 1500	20"	984	832	584	184.35	6.35	80	16
DIN 6	600	755	705	670	24	5	26	20
DIN 10	600	780	725	685	28	5	30	20
DIN 16	600	840	770	725	36	5	36	20
ANSI 150	24"	813	749	692	47.6	1.6	35	20
DIN 25	600	845	770	720	46	5	39	20
DIN 40	600	890	795	735	54	5	48	20
ANSI 300	24"	914	813	692	69.9	1.6	41	24
DIN 64	600	930	820	735	5	56	20	
ANSI 600	24"	940	838	692	108.35	6.35	51	24
DIN 100	600	990	875	735	5	62	20	
ANSI 900	24"	1041	902	692	146.35	6.35	67	20
ANSI 1500	24"	1168	991	692	209.35	6.35	92	16

TECHNICAL INFORMATION



BUTT-WELD END DIMENSIONS & DETAILS ASME B16.25, 1997



Note: Internal surface may be reformed or machined for dimensions B at root face. Contour within the envelope is manufacturer's option, unless otherwise specifically ordered for.

Nominate Pipe Size	A	B										
		STD	XS	30	40	60	80	100	120	140	160	XXS
50 (2")	60	-	-	-	53	-	49	-	-	-	43	38
65 (2 1/2")	75	-	-	-	63	-	59	-	-	-	54	45
80 (3")	91	-	-	-	78	-	74	-	-	-	67	58
100 (4")	117	-	-	-	102	-	97	-	92	-	87	80
125 (5")	144	-	-	-	128	-	122	-	116	-	110	103
150 (6")	172	-	-	-	154	-	148	-	140	-	132	124
200 (8")	223	-	-	-	203	198	194	189	183	178	173	175
250 (10")	278	-	-	-	255	247	242	237	230	222	216	-
300 (12")	329	305	298	-	303	295	289	281	273	267	257	-
350 (14")	362	337	330	-	333	325	318	308	300	292	284	-
400 (16")	413	387	-	-	381	373	364	354	344	333	325	-
450 (18")	464	438	432	-	429	419	410	398	387	378	367	-
500 (20")	516	489	483	-	478	467	456	443	432	419	408	-
600 (24")	619	591	584	581	575	560	548	532	518	505	491	-

NOTES