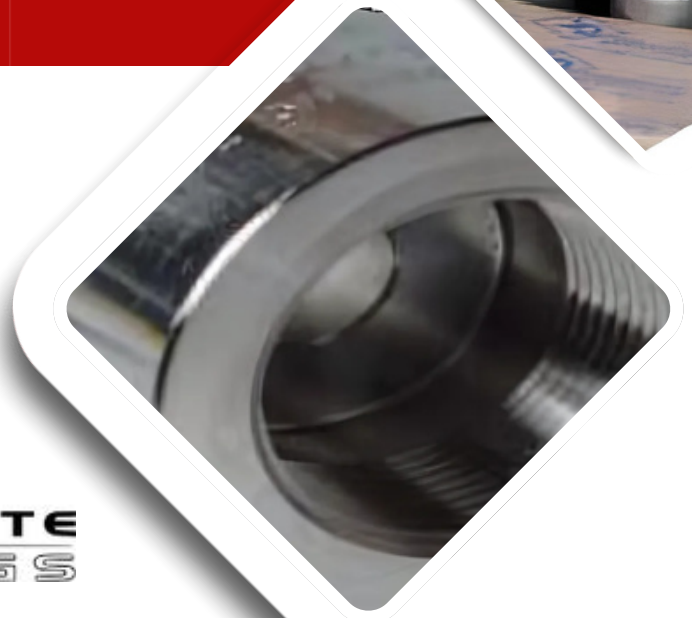


Delcorte Fittings

Brochure



I. HIGH PRESSURE DIVISION DIVISION HAUTE PRESSION

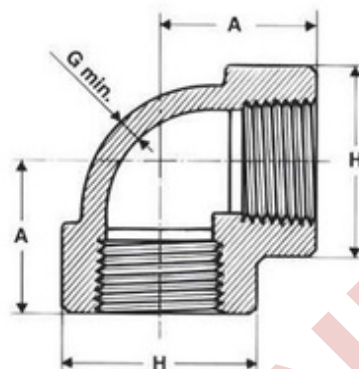
1. Forged fittings (carbon, alloy, stainless steels, duplex, super duplex and nickel alloy)

Raccords forgés (acier carbone, alliés, inoxydables)



90° ELBOW

Coude 90°



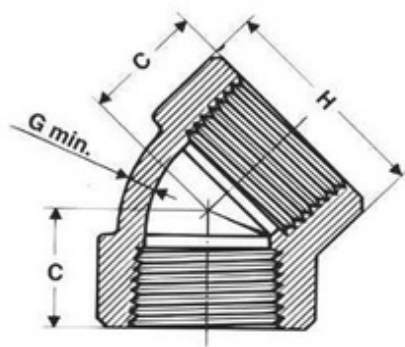
Class 3000 lbs. - 6000 lbs.
Dimensions: ASME B 16.11
Thread: ASME B 1.20.1

Nominal pipe size Diamètre nominal	3000						6000					
	A		H		G		A		H		G	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
1/4	0.97	25	1.00	25	0.130	3,30	1.12	28	1.31	33	0.260	6,60
3/8	1.12	28	1.31	33	0.138	3,51	1.31	33	1.50	38	0.275	6,98
1/2	1.31	33	1.50	38	0.161	4,09	1.50	38	1.81	46	0.321	8,15
3/4	1.50	38	1.81	46	0.170	4,32	1.75	44	2.19	56	0.336	8,53
1	1.75	44	2.19	56	0.196	4,98	2.00	51	2.44	62	0.391	9,93
1 1/4	2.00	51	2.44	62	0.208	5,28	2.38	60	2.97	75	0.417	10,59
1 1/2	2.38	60	2.97	75	0.219	5,56	2.50	64	3.31	84	0.436	11,07
2	2.50	64	3.31	84	0.281	7,14	3.25	83	4.00	102	0.476	12,09
2 1/2	3.25	83	4.00	102	0.301	7,65	3.75	95	4.75	121	0.602	15,29
3	3.75	95	4.75	121	0.348	8,84	4.19	106	5.75	146	0.655	16,64
4	4.50	114	6.00	152	0.440	11,18	4.50	114	6.00	152	0.735	18,67

5" and 6" Available on request (Forgings available from stock) Manufacturer standard

45° ELBOW

Coude 45°



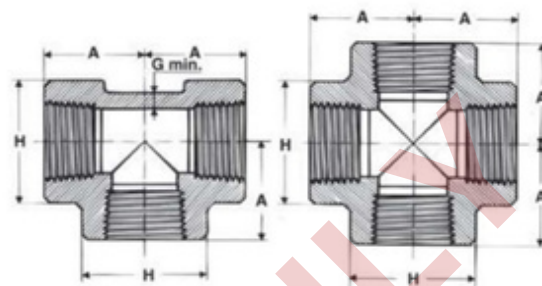
Class 3000 lbs. - 6000 lbs.
Dimensions: ASME B 16.11
Thread: ASME B 1.20.1

Nominal pipe size Diamètre nominal	3000						6000					
	C		H		G		C		H		G	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
1/4	0.75	19	1.00	25	0.130	3,30	0.88	22	1.31	33	0.260	6,60
3/8	0.88	22	1.31	33	0.138	3,51	1.00	25	1.50	38	0.275	6,98
1/2	1.00	25	1.50	38	0.161	4,09	1.12	28	1.81	46	0.321	8,15
3/4	1.12	28	1.81	46	0.170	4,32	1.31	33	2.19	56	0.336	8,53
1	1.31	33	2.19	56	0.196	4,98	1.38	35	2.44	62	0.391	9,93
1 1/4	1.38	35	2.44	62	0.208	5,28	1.69	43	2.97	75	0.417	10,59
1 1/2	1.69	43	2.97	75	0.219	5,56	1.72	44	3.31	84	0.436	11,07
2	1.72	44	3.31	84	0.281	7,14	2.06	52	4.00	102	0.476	12,09
2 1/2	2.06	52	4.00	102	0.301	7,65	2.50	64	4.75	121	0.602	15,29
3	2.50	64	4.75	121	0.348	8,84	3.12	79	5.75	146	0.655	16,64
4	3.12	79	6.00	152	0.440	11,18	3.12	79	6.00	152	0.735	18,67

5" and 6" Available on request (Forgings available from stock) Manufacturer standard

TEE CROSS

Té
Croix



Class 3000 lbs. - 6000 lbs.

Dimensions: ASME B 16.11

Thread: ASME B 1.20.1

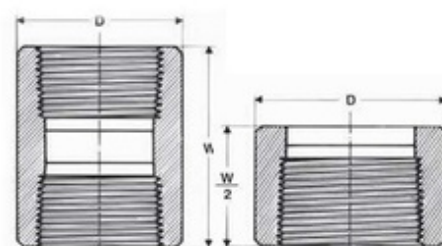
Nominal pipe size Diamètre nominal	3000						6000					
	A		H		G		A		H		G	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
1/4	0.97	25	1.00	25	0.130	3,30	1.12	29	1.31	33	0.260	6,60
3/8	1.12	29	1.31	33	0.138	3,51	1.31	33	1.50	38	0.275	6,98
1/2	1.31	33	1.50	38	0.161	4,09	1.50	38	1.81	46	0.321	8,15
3/4	1.50	38	1.81	46	0.170	4,32	1.75	44	2.19	56	0.336	8,53
1	1.75	44	2.19	56	0.196	4,98	2.00	51	2.44	62	0.391	9,93
1 1/4	2.00	51	2.44	62	0.208	5,28	2.38	60	2.97	75	0.417	10,59
1 1/2	2.38	60	2.97	75	0.219	5,56	2.50	64	3.31	84	0.436	11,07
2	2.50	64	3.31	84	0.281	7,14	3.25	83	4.00	102	0.476	12,09
2 1/2	3.25	83	4.00	102	0.301	7,65	3.75	95	4.75	121	0.602	15,29
3	3.75	95	4.75	121	0.348	8,84	4.19	106	5.75	146	0.655	16,64
4	4.50	114	6.00	152	0.440	11,18	4.50	114	6.00	152	0.735	18,67

5" and 6" Available on request (Forgings available from stock) Manufacturer standard

Red. Tees & Red. Crosses – refer to page 69

COUPLING HALF-COUPLING

Manchon
Demi-manchon



Class 3000 lbs. - 6000 lbs.

Dimensions: ASME B 16.11

Thread: ASME B 1.20.1

Nominal pipe size Diamètre nominal	3000				6000			
	W		D		W		D	
	inches	mm	inches	mm	inches	mm	inches	mm
1/4	1.38	35	0.75	19	1.38	35	1.00	25
3/8	1.50	38	0.88	22	1.50	38	1.25	32
1/2	1.88	48	1.12	28	1.88	48	1.50	38
3/4	2.00	51	1.38	35	2.00	51	1.75	44
1	2.38	60	1.75	44	2.38	60	2.25	57
1 1/4	2.62	67	2.25	57	2.62	67	2.50	64
1 1/2	3.12	79	2.50	64	3.12	79	3.00	76
2	3.38	86	3.00	76	3.38	86	3.62	92
2 1/2	3.62	92	3.62	92	3.62	92	4.25	108
3	4.25	108	4.25	108	4.25	108	5.00	127
4	4.75	121	5.50	140	4.75	121	6.25	159

5" and 6" Available on request (Forgings available from stock) Manufacturer standard

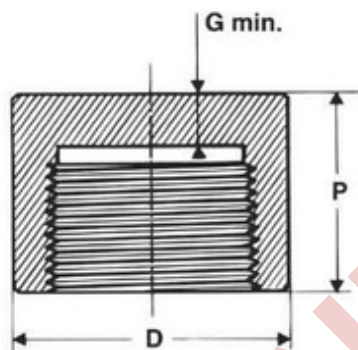
CAP

Bouchon femelle

Class 3000 lbs. - 6000 lbs.

Dimensions: ASME B 16.11

Thread: ASME B 1.20.1



Nominal pipe size Diamètre nominal	3000						6000					
	P		D		G		P		D		G	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
1/4	1.00	25	0.75	19	0.19	4,8	1.06	27	1.00	25	0.25	6,4
3/8	1.00	25	0.88	22	0.19	4,8	1.06	27	1.25	32	0.25	6,4
1/2	1.25	32	1.12	28	0.25	6,4	1.31	33	1.50	38	0.31	7,9
3/4	1.44	37	1.38	35	0.25	6,4	1.50	38	1.75	44	0.31	7,9
1	1.62	41	1.75	44	0.38	9,7	1.69	43	2.25	57	0.44	11,2
1 1/4	1.75	44	2.25	57	0.38	9,7	1.81	46	2.50	64	0.44	11,2
1 1/2	1.75	44	2.50	64	0.44	11,2	1.88	48	3.00	76	0.50	12,7
2	1.88	48	3.00	76	0.50	12,7	2.00	51	3.62	92	0.62	15,7
2 1/2	2.38	60	3.62	92	0.62	15,7	2.50	64	4.25	108	0.75	19,0
3	2.56	65	4.25	108	0.75	19,0	2.69	68	5.00	127	0.88	22,4
4	2.69	68	5.50	140	0.88	22,4	2.94	75	6.25	159	1.12	28,4

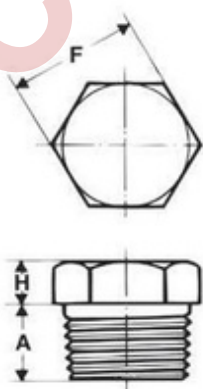
HEX HEAD PLUG

Bouchon mâle tête hexagonale

Class 3000 lbs. - 6000 lbs.

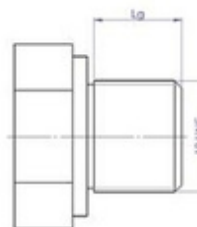
Dimensions: ASME B 16.11

Thread: ASME B 1.20.1



Special UNF
cylindrical Plugs
on request

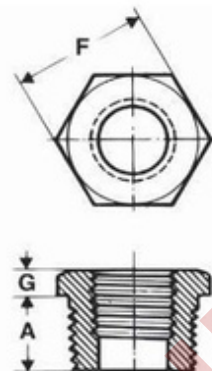
1" 1/4
1" 1/8
1" 3/8
1" 5/8
1" 7/8



Nominal pipe size Diamètre nominal	3000-6000					
	A min		F nominal		H min.	
	inches	mm	inches	mm	inches	mm
1/4	0.44	11	0.62	15.88	0.25	6
3/8	0.50	13	0.69	17.46	0.31	8
1/2	0.56	14	0.88	22.23	0.31	8
3/4	0.62	16	1.06	26.99	0.38	10
1	0.75	19	1.38	34.93	0.38	10
1 1/4	0.81	21	1.75	44.45	0.56	14
1 1/2	0.81	21	2.00	50.80	0.62	16
2	0.88	22	2.50	63.50	0.69	18
2 1/2	1.06	27	3.00	76.20	0.75	19
3	1.12	28	3.50	88.90	0.81	21
4	1.25	32	4.62	117.48	1.00	25

HEX HEAD BUSHING

*Réduction
mâle-femelle*



Class 3000 lbs. - 6000 lbs.

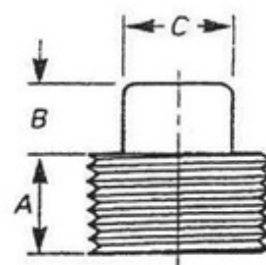
Dimensions: ASME B 16.11

Thread: ASME B 1.20.1

Nominal pipe size Diamètre nominal	3000-6000					
	A min		F nominal		G min.	
	inches	mm	inches	mm	inches	mm
3/8 x 1/4	0.50	13	0.69	17.46	0.16	4
1/2 x 3/8	0.56	14	0.88	22.23	0.19	5
1/2 x 1/4	0.56	14	0.88	22.23	0.19	5
3/4 x 1/2	0.62	16	1.06	26.99	0.22	6
3/4 x 1/4	0.62	16	1.06	26.99	0.22	6
1 x 3/4	0.75	19	1.38	34.93	0.25	6
1 x 1/2	0.75	19	1.38	34.93	0.25	6
1 x 1/4	0.75	19	1.38	34.93	0.25	6
1 1/4 x 1	0.81	21	1.75	44.45	0.28	7
1 1/2 x 1	0.81	21	2.00	50.80	0.31	8
1 1/2 x 3/4	0.81	21	2.00	50.80	0.31	8
1 1/2 x 1/2	0.81	21	2.00	50.80	0.31	8
2 x 1 1/2	0.88	22	2.50	63.50	0.34	9
2 x 1	0.88	22	2.50	63.50	0.34	9
2 1/2 x 2	1.06	27	3.00	76.20	0.38	10
3 x 2	1.12	28	3.50	88.90	0.41	10
4 x 3	1.25	32	4.62	117.48	0.50	13
4 x 2	1.25	32	4.62	117.48	0.50	13

SQUARE HEAD PLUG

*Bouchon mâle
tête carrée*



Class 3000 lbs. - 6000 lbs.

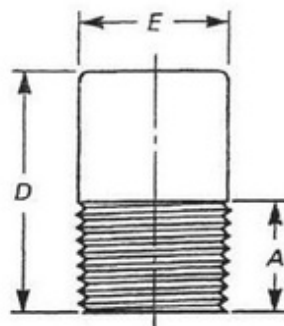
Dimensions: ASME B 16.11

Thread: ASME B 1.20.1

Nominal pipe size Diamètre nominal	3000-6000					
	A min		C nominal		B min.	
	inches	mm	inches	mm	inches	mm
1/8	0.38	10	0.28	7.15	0.25	6
1/4	0.44	11	0.38	9.55	0.25	6
3/8	0.50	13	0.44	11.11	0.31	8
1/2	0.56	14	0.56	14.29	0.38	10
3/4	0.62	16	0.62	15.88	0.44	11
1	0.75	19	0.81	20.64	0.50	13
1 1/4	0.81	21	0.94	23.81	0.56	14
1 1/2	0.81	21	1.12	28.58	0.62	16
2	0.88	22	1.31	33.27	0.69	18
2 1/2	1.06	27	1.50	38.10	0.75	19
3	1.12	28	1.69	42.86	0.81	21
4	1.25	32	2.50	63.50	1.00	25

ROUND HEAD PLUG

*Bouchon mâle
tête ronde*



Class 3000 lbs. - 6000 lbs.

Dimensions: ASME B 16.11

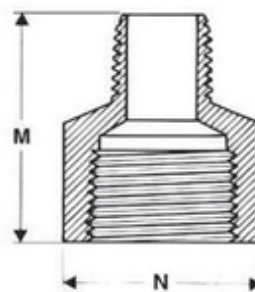
Thread: ASME B 1.20.1

Nominal pipe size Diamètre nominal	3000-6000					
	A min		E nominal		D min	
	inches	mm	inches	mm	inches	mm
1/8	0.38	10	0.41	10	1.38	35
1/4	0.44	11	0.53	14	1.62	41
3/8	0.50	13	0.69	18	1.62	41
1/2	0.56	14	0.84	21	1.75	44
3/4	0.62	16	1.06	27	1.75	44
1	0.75	19	1.31	33	2.00	51
1 1/4	0.81	21	1.69	43	2.00	51
1 1/2	0.81	21	1.91	48	2.00	51
2	0.88	22	2.38	60	2.50	64
2 1/2	1.06	27	2.88	73	2.75	70
3	1.12	28	3.50	89	2.75	70
4	1.25	32	4.50	114	3.00	76

Special lengths available on request. *Autres longueurs disponibles sur demande.*

FEMALE-MALE REDUCER

Réduction femelle-mâle



Class 3000 lbs.

Thread: ASME B 1.20.1

Nominal pipe size Diamètre nominal	3000			
	M ⁽¹⁾		N ⁽¹⁾	
	inches	mm	inches	mm
3/8 x 1/4	1.50	42	0.87	22
1/2 x 3/8	1.81	49	1.10	28
1/2 x 1/4	1.81	49	1.10	28
3/4 x 1/2	2.01	59	1.38	35
1 x 3/4	2.36	63	1.77	45
1 x 1/2	2.36	61	1.77	45
1 x 1/4	2.36	60	12.77	45
1 1/4 x 1	2.83	72	2.24	60
1 1/2 x 1	2.76	72	2.48	63
1 1/2 x 3/4	2.76	67	2.48	63
1 1/2 x 1/2	2.76	67	2.48	63
2 x 1/2	2.79	71	2.95	75
2 x 1	2.99	76	2.95	75
2 1/2 x 2	3.74	92	3.74	95
3 x 2	3.94	95	4.33	110
4 x 3	4.33	113	5.51	140
4 x 2	4.33	100	5.51	140

⁽¹⁾ Dimensions not listed in ASME B 16.11 and BS 3799 may vary according to the manufacturer.

⁽¹⁾ Dimensions non reprises dans ASME B 16.11 ET BS 3799, pouvant varier selon le fabricant.

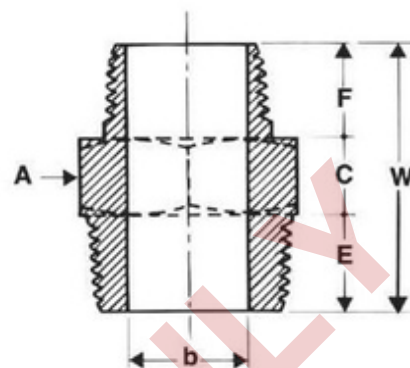
REDUCING HEXAGONAL NIPPLE

Mamelon réduit

Class 3000 lbs. - 6000 lbs.
Dimensions: BS 3799
Thread: ASME B 1.20.1



A sur plat
A/F Hex.



Nominal pipe size Diamètre nominal		A (mini)		E (mini)		F (mini)		C (mini)		W (mini)		B*			
												3000		6000	
inches - pouces	mm-mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm
1/4 x 1/8	8 x 6	0.59	15	0.59	15	0.39	10	0.19	6	1.22	31	0.20	5	0.08	2
3/8 x 1/4	10 x 8	0.71	18	0.63	16	0.59	15	0.31	8	1.54	39	0.31	8	0.24	6
1/2 x 3/8	15 x 10	0.87	22	0.79	20	0.63	16	0.31	8	1.73	44	0.43	11	0.31	8
1/2 x 1/4	15 x 8	0.87	22	0.79	20	0.59	15	0.31	8	1.69	43	0.31	8	0.24	6
3/4 x 1/2	20 x 15	1.06	27	0.83	21	0.79	20	0.35	9	1.97	50	0.55	14	0.43	11
3/4 x 3/8	20 x 10	1.06	27	0.83	21	0.63	16	0.35	9	1.81	46	0.43	11	0.31	8
1 x 3/4	25 x 20	1.38	35	0.98	25	0.83	21	0.39	10	2.20	56	0.75	19	0.51	13
1 x 1/2	25 x 15	1.38	35	0.98	25	0.79	20	0.39	10	2.17	55	0.55	14	0.43	11
1 1/2 x 1	40 x 25	1.97	50	1.02	26	0.98	25	0.63	16	2.64	67	0.94	24	0.67	17
1 1/2 x 3/4	40 x 20	1.97	50	1.02	26	0.83	21	0.63	16	2.48	63	0.75	19	0.51	13
1 1/2 x 1/2	40 x 15	1.97	50	1.02	26	0.79	20	0.63	16	2.44	62	0.55	14	0.43	11
2 x 1 1/2	50 x 40	2.44	62	1.06	27	1.02	26	0.67	17	2.76	70	1.50	38	1.18	30
2 x 1	50 x 25	2.44	62	1.06	27	0.98	25	0.71	18	2.76	70	0.94	24	0.67	17
2 x 3/4	50 x 20	2.44	62	1.06	27	0.83	21	0.67	17	2.60	65	0.75	19	0.51	13
2 x 1/2	50 x 15	2.44	62	1.06	27	0.79	20	0.71	18	2.60	65	0.55	14	0.43	11

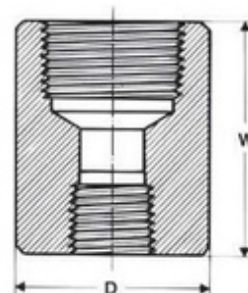
* Dimension «b» is nominal and is subject to normal manufacturing tolerances - «b» dimension nominale soumise aux tolérances normales de fabrication

REDUCING COUPLING

Manchon réduit

Same dimensions as for couplings
Dimensions identiques à celles des manchons

Class 3000 lbs. - 6000 lbs.
Dimensions: ASME B 16.11
Thread: ASME B 1.20.1



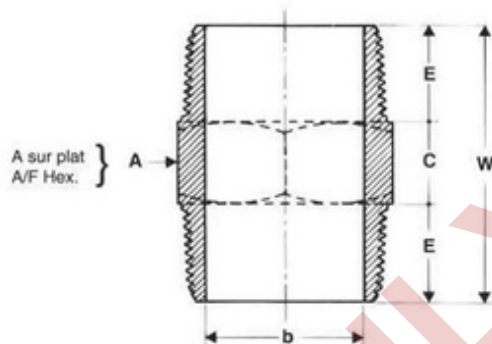
Nominal pipe size Diamètre nominal	3000				6000			
	W ⁽¹⁾		D		W ⁽¹⁾		D	
	inches	mm	inches	mm	inches	mm	inches	mm
3/8 x 1/4	1.50	38	0.87	22	1.50	38	1.26	32
1/2 x 3/8	1.89	48	1.10	28	1.88	48	1.50	38
1/2 x 1/4	1.89	48	1.10	28	1.88	48	1.50	38
3/4 x 1/2	2.00	51	1.38	35	2.00	51	1.77	45
3/4 x 1/4	2.00	51	1.38	35	2.00	51	1.77	45
1 x 3/4	2.36	60	1.77	45	2.36	60	2.24	57
1 x 1/2	2.36	60	1.77	45	2.36	60	2.24	57
1 x 1/4	2.36	60	1.77	45	2.36	60	2.24	57
1 1/4 x 1	2.64	67	2.24	57	2.64	67	2.48	63
1 1/2 x 1	3.11	79	2.52	64	3.11	79	2.99	76
1 1/2 x 3/4	3.11	79	2.52	64	3.11	79	2.99	76
1 1/2 x 1/2	3.11	79	2.52	64	3.11	79	2.99	76
2 x 1 1/2	3.39	86	2.99	76	3.39	86	3.62	92
2 x 1	3.39	86	2.99	76	3.39	86	3.62	92
2 1/2 x 2	3.62	92	3.62	92	3.62	92	4.25	108
3 x 2	4.25	108	4.25	108	4.25	108	5.00	127
4 x 3	4.75	121	5.50	140	4.75	121	6.25	159
4 x 2	4.75	121	5.50	140	4.75	121	6.25	159

⁽¹⁾ Dimensions not listed in ASME B 16.11 and BS 3799 may vary according to the manufacturer.

⁽¹⁾ Dimensions non reprises dans ASME B 16.11 ET BS 3799, pouvant varier selon le fabricant.

HEXAGONAL NIPPLE

Mamelon



Class 3000 lbs. - 6000 lbs.

Dimensions : BS 3799

Thread: ASME B 1.20.1

Nominal pipe size Diamètre nominal		A (mini)		E (mini)		C (mini)		W (mini)		B*			
										3000		6000	
inches - pouces	mm-mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm	inc.	mm
1/8	6	0.43	11	0.39	10	0.24	6	1.02	26	0.20	5	0.08	2
1/4	8	0.59	15	0.59	15	0.24	6	1.42	36	0.31	8	0.24	6
3/8	10	0.71	18	0.63	16	0.31	8	1.57	40	0.43	11	0.31	8
1/2	15	0.87	22	0.79	20	0.31	8	1.89	48	0.55	14	0.43	11
3/4	20	1.06	27	0.83	21	0.39	10	2.05	52	0.75	19	0.51	13
1	25	1.38	35	0.98	25	0.39	10	2.36	60	0.94	24	0.67	17
1 1/2	40	1.97	50	1.02	26	0.63	16	2.68	68	1.50	38	1.18	30
2	50	2.44	62	1.06	27	0.67	17	2.80	71	1.93	49	1.54	39

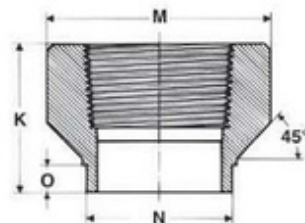
WELDING BOSS

Bossage à souder

From 1-4" to 2" O=0.375 in
De 1-4" à 2" O=9,5 mm

Class 3000 lbs. - 6000 lbs.

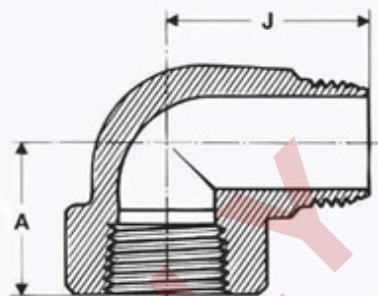
Thread: ASME B 1.20.1



Nominal pipe size Diamètre nominal	3000 - 6000					
	K (1)		M (1)		N (1)	
	inches	mm	inches	mm	inches	mm
1/4	1.18	30,0	1.10	28	0.55	14,0
3/8	1.18	30,0	1.26	32	0.69	17,4
1/2	1.32	33,5	1.50	38	0.85	21,6
3/4	1.40	35,5	1.77	45	1.06	26,9
1	1.69	43,0	2.48	63	1.32	33,6
1 1/4	1.89	48,0	2.68	68	1.67	42,4
1 1/2	2.00	51,0	3.00	76	1.91	48,5
2	2.26	57,5	3.74	95	2.40	60,9

90° STREET ELBOW

Coude mâle-femelle



Class 3000 lbs. - 6000 lbs.

Dimensions: ASME B 16.11

Thread: ASME B 1.20.1

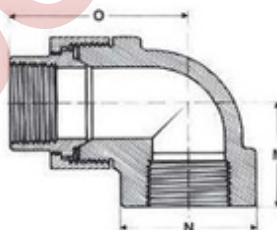
Nominal pipe size Diamètre nominal	3000				6000			
	A		J		A		J	
	inches	mm	inches	mm	inches	mm	inches	mm
1/4	0.97	25	1.25	32	1.12	28	1.50	38
3/8	1.12	28	1.50	38	1.31	33	1.62	41
1/2	1.31	33	1.62	41	1.50	38	1.88	48
3/4	1.50	38	1.88	48	1.75	44	2.25	57
1	1.75	44	2.25	57	2.00	51	2.62	66
1 1/4	2.00	51	2.62	66	2.38	60	2.81	71
1 1/2	2.38	60	2.81	71	2.50	64	3.31	84
2	2.50	64	3.31	84	3.25	83	4.13	105

UNION ELBOW

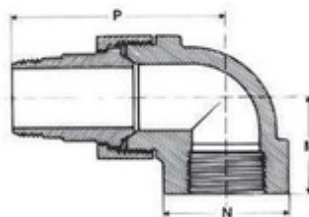
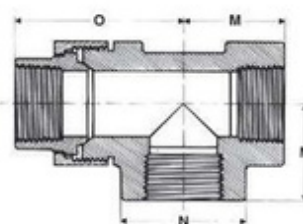
UNION TEE

Coude union

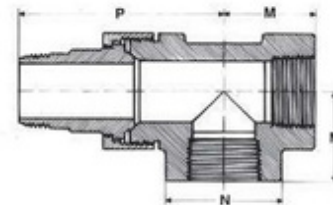
Té union



Female/
Femelle
Femelle/
Femelle
(F.F.)



Male/
Femelle
Mâle/
Femelle
(M.F.)



Class 3000 lbs.⁽¹⁾

Thread: ASME B 1.20.1

Nominal pipe size Diamètre nominal	1/4"	3/8"	1/2"	3/4"	1"	1" 1/4	1" 1/2	2"
3000								
M ⁽¹⁾	inches	1.14	1.16	1.40	1.56	1.79	2.40	3.31
	mm	29	29,5	35,5	39,5	45,5	61	84
N ⁽¹⁾	inches	1.30	1.30	1.50	1.81	2.20	3.00	4.02
	mm	33	33	38	46	56	76	102
O ⁽¹⁾	inches	2.03	2.07	2.42	2.64	2.99	3.70	5.12
	mm	51,5	52,5	61,5	67	76	94	130
P ⁽¹⁾	inches	2.64	2.85	3.27	3.55	4.25	4.84	6.30
	mm	67	72,5	83	90	102	123	160

⁽¹⁾ Dimensions not listed in ASME B 16.11 and BS 3799 may vary according to the manufacturer.

⁽¹⁾ Dimensions non reprises dans ASME B 16.11 ET BS 3799, pouvant varier selon le fabricant.

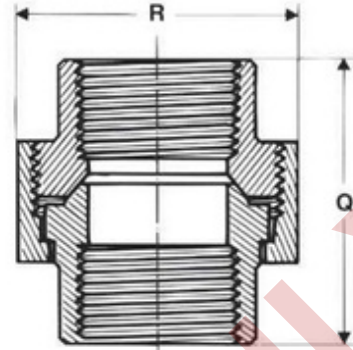
FEMALE-FEMALE UNION

Union
femelle-femelle

Class 3000 lbs. - 6000 lbs.

Dimensions: MSS SP 83-BS 3799

Thread: ASME B 1.20.1



Nominal pipe size Diamètre nominal	3000				6000			
	Q ⁽¹⁾		R ⁽¹⁾		Q ⁽¹⁾		R ⁽¹⁾	
	inches	mm	inches	mm	inches	mm	inches	mm
1/4	1.67	45	1.42	36				
3/8	1.87	51	1.62	41				
1/2	2.05	52	1.81	46	2.72	63	2.36	64,5
3/4	2.25	57	2.20	56	2.84	63	2.84	64,5
1	2.48	63	2.56	65	3.15	71	3.15	80,0
1 1/4	2.76	66	3.07	80	3.50	89	3.70	87,0
1 1/2	30.7	78	3.39	87	4.25	89	3.94	100,0
2	3.50	91	4.06	100	4.49	119	4.80	122,0
2 1/2	4.49	118	4.80	125	5.13	128	5.67	144,0
3	5.12	120	5.67	144	5.91	148	7.09	200,0
4	5.91	148	7.09	200				

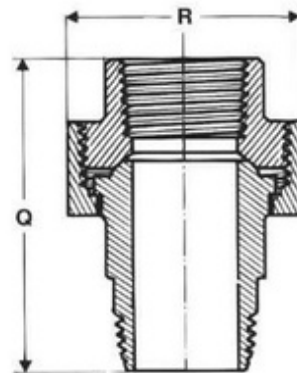
⁽¹⁾ Dimensions may vary according to the manufacturer. *Dimensions pouvant varier selon le fabricant.*

MALE-FEMALE UNION

Union
mâle-femelle

Class 3000 lbs. - 6000 lbs.

Thread: ASME B 1.20.1

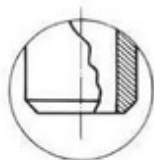


Nominal pipe size Diamètre nominal	3000				6000			
	Q ⁽¹⁾		R ⁽¹⁾		Q ⁽¹⁾		R ⁽¹⁾	
	inches	mm	inches	mm	inches	mm	inches	mm
1/4	2.48	61	1.26	36				
3/8	2.72	69	1.50	41				
1/2	3.03	75	1.81	46	3.72	94,5	2.36	64,5
3/4	3.15	80	2.00	56	3.88	98,5	2.84	64,5
1	3.82	90	2.36	65	4.25	108,0	3.15	80,0
1 1/4	3.98	98	2.84	80	4.72	120,0	3.70	87,0
1 1/2	4.33	100	3.15	87	5.44	138,0	3.94	100,0
2	4.72	120	3.70	100	5.75	146,0	4.80	122,0

⁽¹⁾ Dimensions may vary according to the manufacturer. *Dimensions pouvant varier selon le fabricant.*

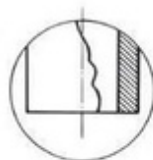
SWAGE NIPPLE

Swedge nipple

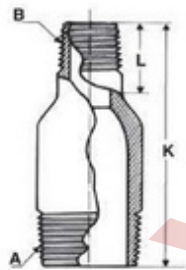


Butt welding
end according to
ANSI B 16-25

Extrémité
à souder suivant
ANSI B 16-25



Cut square plain end
Extrémité lisse coupée
d'équerre



Thread ends according to
ANSI B 1.20.1

Extrémités filetées suivant
ANSI B 1.20.1

Class 3000 lbs. - 6000 lbs.

Dimensions: BS 3799 / MSS SP95

Nominal pipe sizes Diamètres nominaux A x B	3000						Thickness according to ANSI B 36-10 Épaisseur suivant ANSI B36-10		
	K				L				
	BS3799		MSS SP95						
	inches	mm	inches	mm	inches	mm			
3/8 x 1/4	3.74	76	2.52	64	0.63	16	Sch 40	Sch 80	
1/2 x 3/8	3.50	89	2.76	70	0.75	19	Sch 40	Sch 80	
1/2 x 1/4	3.50	89	2.76	70	0.75	19	Sch 40	Sch 80	
3/4 x 1/2	3.75	95	2.99	76	0.87	22	Sch 40	Sch 80	Sch 160
3/4 x 1/4	3.75	95	2.99	76	0.87	22	Sch 40	Sch 80	
1 x 3/4	4.02	102	3.50	89	0.87	22	Sch 40	Sch 80	Sch 160
1 x 1/2	4.02	102	3.50	89	0.87	22	Sch 40	Sch 80	Sch 160
1 x 1/4	4.02	102	3.50	89	0.87	22	Sch 40	Sch 80	Sch 160
1 1/4 x 1	4.49	114	4.02	102	0.98	25	Sch 40	Sch 80	Sch 160
1 1/2 x 1	4.49	114	4.49	114	0.98	25	Sch 40	Sch 80	Sch 160
1 1/2 x 3/4	4.49	114	4.49	114	0.98	25	Sch 40	Sch 80	Sch 160
1 1/2 x 1/2	6.50	165	6.50	165	0.98	25	Sch 40	Sch 80	Sch 160
2 x 1 1/2	6.50	165	6.50	165	1.14	29	Sch 40	Sch 80	Sch 160
2 x 1	6.50	165	6.50	165	1.14	30	Sch 40	Sch 80	Sch 160
2 1/2 x 2	7.01	178	7.01	178	1.26	32	Sch 40	Sch 80	Sch 160
3 x 2	7.99	203	7.99	203	1.61	41	Sch 40	Sch 80	Sch 160
4 x 3	9.02	229	9.02	229	1.89	48	Sch 40	Sch 80	Sch 160
4 x 2	9.02	229	9.02	229	1.89	48	Sch 40	Sch 80	Sch 160

Variations in outside diameter and thickness according to ASTM A 106. Tolérances sur diamètre et épaisseur suivant ASTM A 106.

CODE USED IN MATERIAL LIST OF SWAGE NIPPLES

Code utilisé pour la nomenclature
des swedge nipples

Reduced nipple

Mamelon tube réduit

P.B.E. Plain both ends - Deux extrémités d'équerre et lisse

P.L.E. Plain large end - Grande extrémité d'équerre et lisse

P.S.E. Plain small end - Petite extrémité d'équerre et lisse

B.B.E. Bevelled both ends - Deux extrémités chanfreinées

B.L.E. Bevelled large end - Grande extrémité chanfreinée

B.S.E. Bevelled small end - Petite extrémité chanfreinée

T.B.E. Threaded both ends - Deux extrémités filetées

T.L.E. Threaded large end - Grande extrémité filetée

T.S.E. Threaded small end - Petite extrémité filetée

B.O.E. Bevelled one end - Une extrémité chanfreinée

P.O.E. Plain one end - Une extrémité d'équerre et lisse

T.O.E. Threaded one end - Une extrémité filetée

For barrel nipples only.

S'appliquent uniquement aux mamelons tubes.

Two codes may be used on the same item for example :

On peut trouver pour une même pièce deux codes réunis.

Exemple :

1 Swage Nipple 3 x 2 BLE-TSE

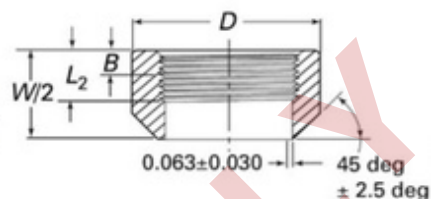
Which means : Ce qui se lit :

- Bevelled large end - Large extrémité chanfreinée

- Threaded small end - Petite extrémité filetée

BOSS Bossage

Class 3000 lbs. - 6000 lbs.
Dimensions : ASME B 16.11
Thread: ASME B 1.20.1

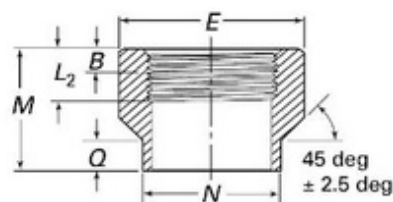
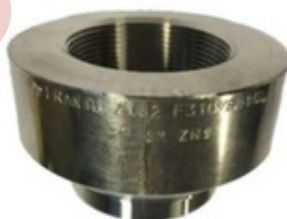


Nominal pipe size Diamètre nominal	3000-6000		3000		6000	
	W		D		D	
	inches	mm	inches	mm	inches	mm
1/4	1.38	35	0.75	19	1.00	25
3/8	1.50	48	0.88	22	1.25	32
1/2	1.88	48	1.12	28	1.50	38
3/4	2.00	51	1.38	35	1.75	44
1	2.38	60	1.75	44	2.25	57
1 1/4	2.62	67	2.25	57	2.50	64
1 1/2	3.12	79	2.50	64	3.00	76
2	3.38	86	3.00	76	3.62	92
2 1/2	3.62	92	3.62	92	4.25	108
3	4.25	108	4.25	108	5.00	127
4	4.75	121	5.50	140	6.25	159

We can produce Boss as per End-user specific Design

COUPLET Couplet

Class 3000 lbs. - 6000 lbs.
Dimensions : ASME B 16.11
Thread: ASME B 1.20.1



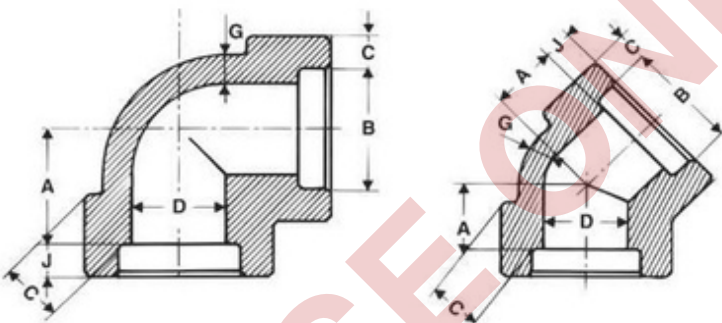
Nominal pipe size Diamètre nominal	3000		6000		3000-6000			
	E		E		M		N	
	inches	mm	inches	mm	inches	mm	inches	mm
1/4	0.928	23,8	1.000	25,4	1.188	30,2	0.688	17,5
3/8	1.063	27,0	1.250	31,8	1.188	30,2	0.813	20,7
1/2	1.313	33,4	1.500	38,1	1.313	33,4	0.938	23,8
3/4	1.500	38,1	1.750	44,5	1.375	34,9	1.063	27,0
1	1.813	46,1	2.250	57,2	1.688	42,9	1.313	33,4
1 1/4	2.188	55,6	2.500	63,5	1.875	47,6	1.688	42,9
1 1/2	2.500	63,5	3.000	76,2	2.000	50,8	1.938	49,2
2	3.125	79,4	3.625	79,4	2.250	57,2	2.438	61,9
2 1/2	3.625	92,1	4.250	92,1	2.500	63,5	2.875	73,0
3	4.375	111,1	5.000	111,1	2.750	69,9	3.500	114,3
4	5.563	141,3	6.250	141,3	3.000	76,2	4.500	114,3

ELBOW Coude

For dimensions B-C-D-G-J refer to
dimensions of S.W. fittings

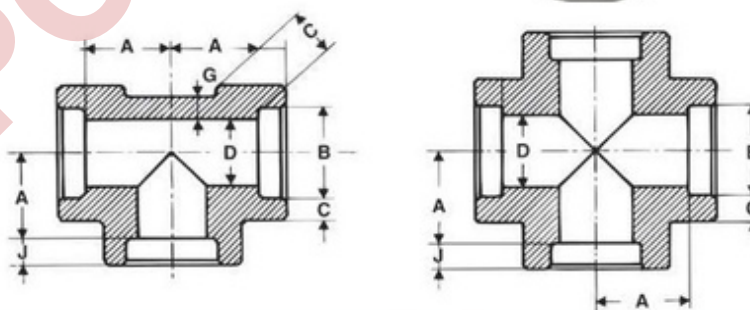
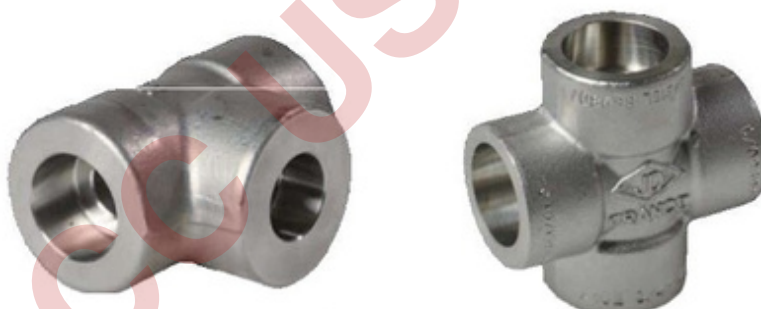
*Dimensions B-C-D-G-J, voir
caractéristiques dimensionnelles*

Class 3000 lbs. - 6000 lbs.
Socket welding end and dimensions
according to ASME: B16.11



TEE Croix

Class 3000 lbs. - 6000 lbs.
Socket welding end and dimensions
according to ASME: B16.11



Nominal pipe size Diamètre nominal	Center to bottom of socket A - Centre au fond de l'emboîtement A									
	Coude 90° - Té - Croix				Coude 45°				Tolérances ±	
	3000		6000		3000		6000			
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
1/4	0.44	11,0	0.53	13,5	0.31	8,0	0.31	8,0	0.03	1,0
3/8	0.53	13,5	0.62	15,5	0.31	8,0	0.44	11,0	0.06	1,5
1/2	0.62	15,5	0.75	19,0	0.44	11,0	0.50	12,5	0.06	1,5
3/4	0.75	19,0	0.88	22,5	0.50	13,0	0.56	14,0	0.06	1,5
1	0.88	22,5	1.06	27,0	0.56	14,0	0.69	17,5	0.08	2,0
1 1/4	1.06	27,0	1.25	32,0	0.69	17,5	0.81	20,5	0.08	2,0
1 1/2	1.25	32,0	1.50	38,0	0.81	20,5	1.00	25,5	0.08	2,0
2	1.50	38,0	1.62	41,0	1.00	25,5	1.12	28,5	0.08	2,0
2 1/2	1.62	41,0			1.12	28,5			0.10	2,5
3	2.25	57,0			1.25	32,0			0.10	2,5
4	2.62	66.5			1.62	41.0			0.10	2.5

5" and 6" Available on request (Forgings available from stock) Manufacturer standard

Red. Tees & Red. Crosses – refer to page 69

COUPLING HALF-COUPLING

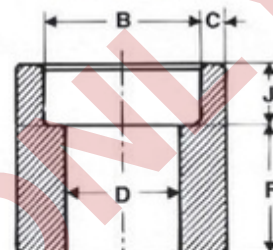
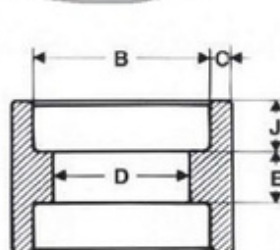
*Manchon
Demi-manchon*

For dimensions B-C-D-J refer to
dimensions of S.W. fittings

*Dimensions B-C-D-J, voir
caractéristiques dimensionnelles*

Class 3000 lbs. - 6000 lbs.

Socket welding end and dimensions
according to ASME: B16.11



Nominal pipe size Diamètre nominal	Laying lengths - Côtes de montage							
	Couplings - Manchons - E				Half-couplings - Demi-manchons - F			
	3000 - 6000		Tolérances ±		3000 - 6000		Tolérances ±	
	inches	mm	inches	mm	inches	mm	inches	mm
1/4	0.25	6,5	0.06	1,5	0.62	16,0	0.06	1,5
3/8	0.25	6,5	0.12	3,0	0.69	17,5	0.12	3,0
1/2	0.38	9,5	0.12	3,0	0.88	22,5	0.12	3,0
3/4	0.38	9,5	0.12	3,0	0.94	24,0	0.12	3,0
1	0.50	12,5	0.16	4,0	1.12	28,5	0.16	4,0
1 1/4	0.50	12,5	0.16	4,0	1.19	30,0	0.16	4,0
1 1/2	0.50	12,5	0.16	4,0	1.25	32,0	0.16	4,0
2	0.75	19,0	0.16	4,0	1.62	41,0	0.16	4,0
2 1/2	0.75	19,0	0.20	5,0	1.69	43,0	0.20	5,0
3	0.75	19,0	0.20	5,0	1.75	44,5	0.20	5,0
4	0.75	19,0	0.20	5,0	1.88	48,0	0.20	5,0

5" and 6" Available on request (Forgings available from stock) Manufacturer standard

CAP

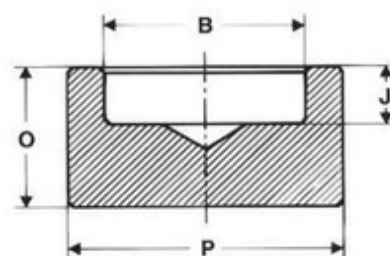
Bouchon femelle

For dimensions B-J refer to
dimensions of S.W. fittings

*Dimensions B-J, voir
caractéristiques dimensionnelles*

Class 3000 lbs. - 6000 lbs.

Socket welding end and dimensions
according to ASME: B16.11



Nominal pipe size Diamètre nominal	3000				6000			
	O ⁽¹⁾		P ⁽¹⁾		O ⁽¹⁾		P ⁽¹⁾	
	inches	mm	inches	mm	inches	mm	inches	mm
1/4	0.79	20	0.87	22	0.79	20	0.90	26
3/8	0.79	20	1.02	26	0.79	20	1.10	28
1/2	0.79	20	1.26	32	0.87	22	1.38	35
3/4	0.94	24	1.50	38	0.98	25	1.57	45
1	1.06	27	1.77	45	1.10	28	1.97	50
1 1/4	1.06	27	2.17	55	1.10	28	2.36	60
1 1/2	1.10	28	2.48	63	1.18	30	2.64	67
2	1.30	33	2.95	75	1.42	36	3.35	85
2 1/2	1.42	36	3.62	95	1.53	39	3.94	100
3	1.57	40	4.33	110	1.73	44	4.72	120
4	1.77	45	5.51	140	2.01	51	5.91	150

⁽¹⁾ Dimensions not listed in ASME B 16.11 and BS 3799 may vary according to the manufacturer.

⁽¹⁾ Dimensions non reprises dans ASME B 16.11 ET BS 3799, pouvant varier selon le fabricant.

REDUCING COUPLING

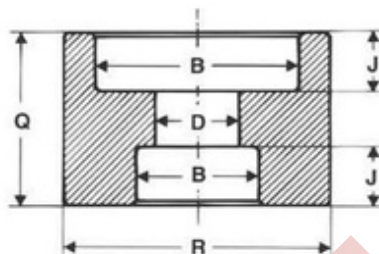
Manchon réduit

For dimensions B-D-J refer to dimensions of S.W. fittings

Dimensions B-D-J, voir caractéristiques dimensionnelles

Class 3000 lbs. - 6000 lbs.

Socket welding end and dimensions according to ASME: B16.11



Nominal pipe size Diamètre nominal	3000				6000			
	Q ⁽¹⁾		R ⁽¹⁾		Q ⁽¹⁾		R ⁽¹⁾	
	inches	mm	inches	mm	inches	mm	inches	mm
3/8 x 1/4	0.98	25,0	1.02	26,0	0.98	25,0	1.10	28,0
1/2 x 3/8	1.10	28,0	1.26	32,0	1.10	28,0	1.38	35,0
1/2 x 1/4	1.10	28,0	1.26	32,0	1.10	28,0	1.38	35,0
3/4 x 1/2	1.22	31,0	1.50	38,0	1.22	31,0	1.77	45,0
3/4 x 1/4	1.22	31,0	1.50	38,0	1.22	31,0	1.77	45,0
1 x 3/4	1.46	37,0	1.77	45,0	1.46	37,0	1.97	50,0
1 x 1/2	1.34	34,0	1.77	45,0	1.34	34,0	1.97	50,0
1 x 1/4	1.34	34,0	1.77	45,0	1.34	34,0	1.97	50,0
1 1/4 x 1	1.46	37,0	2.17	55,0	1.46	37,0	2.36	60,0
1 1/2 x 1	1.46	37,0	2.48	63,0	1.50	38,0	2.64	67,0
1 1/2 x 3/4	1.46	37,0	2.48	63,0	1.50	38,0	2.64	67,0
1 1/2 x 1/2	1.34	34,0	2.48	63,0	1.50	38,0	2.64	67,0
2 x 1 1/2	1.81	46,0	2.95	75,0	2.01	51,0	3.35	85,0
2 x 1	1.81	46,0	2.95	75,0	2.01	51,0	3.35	85,0

WELDING BOSS

Bossage à souder

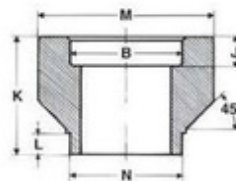
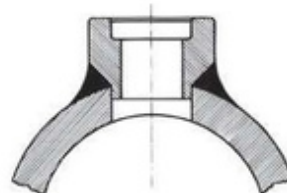
For dimensions B-D-J refer to dimensions of S.W. fittings

Dimensions B-D-J, voir caractéristiques dimensionnelles

From 1-4" to 2" L=0.375 in
 De 1-4" à 2" L=9,5mm

Class 3000 lbs. - 6000 lbs.

Socket welding end and dimensions according to ASME: B16.11



	3000 - 6000					
	K ⁽¹⁾		M ⁽¹⁾		N ⁽¹⁾	
	inches	mm	inches	mm	inches	mm
1/4	1.18	30,0	1.10	28,0	0.55	14,0
3/8	1.18	30,0	1.10	28,0	0.69	17,4
1/2	1.32	33,5	1.50	38,0	0.85	21,6
3/4	1.38	35,5	1.77	45,0	1.06	26,9
1	1.69	43,0	1.97	50,0	1.32	33,6
1 1/4	1.89	48,0	2.48	63,0	1.67	42,4
1 1/2	1.97	50,0	2.68	68,0	1.91	48,5
2	2.26	57,5	3.74	95,0	2.40	60,9

⁽¹⁾ Dimensions not listed in ASME B 16.11 and BS 3799 may vary according to the manufacturer.

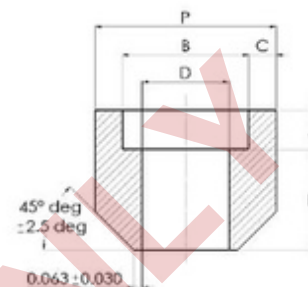
⁽¹⁾ Dimensions non reprises dans ASME B 16.11 ET BS 3799, pouvant varier selon le fabricant

BOSS

Bossage

For dimensions B-C-D-J refer to
dimensions of S.W. fittings
*Dimensions B-C-D-J, voir
caractéristiques dimensionnelles*

Class 3000 lbs. - 6000 lbs.
Socket welding end and dimensions
According to ASME: B16.11



Nominal pipe size Diamètre nominal	3000		6000		3000-6000			
	P		P		F		Tolérances ±	
	inches	mm	inches	mm	inches	mm	inches	mm
1/2	0.91	32	1.38	35	0.88	22,5	0.06	3,0
3/4	1.50	38	1.77	45	0.94	24,0	0.06	3,0
1	1.77	45	1.97	50	1.12	28,5	0.08	4,0
1 1/4	2.17	55	2.36	60	1.19	30,0	0.08	4,0
1 1/2	2.48	63	2.68	68	1.25	32,0	0.08	4,0
2	2.95	75	3.35	85	1.62	41,0	0.08	4,0

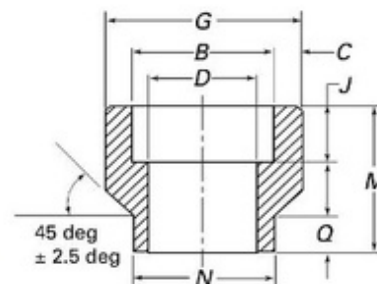
We can produce Boss as per End-user specific Design

COUPLET

Couplet

For dimensions B-C-D-J-Q refer to
dimensions of S.W. fittings
*Dimensions B-C-D-J-Q, voir
caractéristiques dimensionnelles*

Class 3000 lbs. - 6000 lbs.
Socket welding end and dimensions
According to ASME: B16.11



Nominal pipe size Diamètre nominal	3000		6000		3000-6000			
	G		G		M		N	
	inches	mm	inches	mm	inches	mm	inches	mm
1/4	0.94	23,8	1.00	25,4	1.19	30,2	0.688	17,5
3/8	1.06	27,0	1.25	31,8	1.19	30,2	0.813	20,7
1/2	1.31	33,4	1.50	38,1	1.31	33,4	0.938	23,8
3/4	1.50	38,1	1.75	44,5	1.38	34,9	1.063	27,0
1	1.81	46,1	2.25	57,2	1.88	47,6	1.688	42,9
1 1/4	2.19	55,6	2.50	63,5	1.88	47,6	1.688	42,9
1 1/2	2.50	63,5	3.00	76,2	2.00	50,8	1.938	49,2
2	3.13	79,4	3.63	92,1	2.25	57,2	2.438	61,9
2 1/2	3.63	92,1	4.25	108,0	2.50	63,5	2.875	73,0
3	4.38	111,1	5.00	127,0	2.75	69,9	3.500	88,9
4	5.56	141,3	6.25	158,8	3.00	76,2	4.500	114,3

⁽¹⁾ Dimensions not listed in ASME B 16.11 and BS 3799 may vary according to the manufacturer.

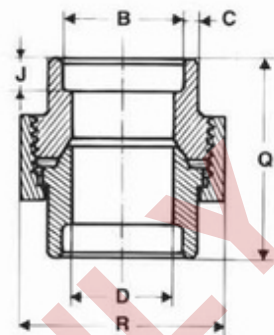
⁽²⁾ Dimensions non reprises dans ASME B 16.11 ET BS 3799, pouvant varier selon le fabricant.

UNION

Union

For dimensions B-C-D-J
refer to dimensions of S.W.
fittings

*Dimensions B-C-D-J, voir
caractéristiques
dimensionnelles*



Class 3000 lbs. - 6000 lbs.

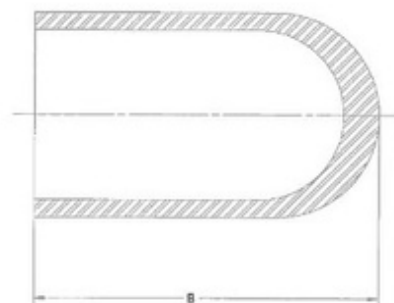
Dimensions: MSS SP 83-BS 3799

Diamètre nominal Nominal pipe size	3000				6000			
	Q ⁽¹⁾		R ⁽¹⁾		Q ⁽¹⁾		R ⁽¹⁾	
	inches	mm	inches	mm	inches	mm	inches	mm
1/4	1.67	42,5	1.42	36,0				
3/8	2.00	51,0	1.62	41,0				
1/2	2.25	57,0	1.81	46,0	2.25	57,0	2.20	56,0
3/4	2.25	57,0	2.20	56,0	2.48	63,0	2.54	64,5
1	2.48	63,0	2.54	64,5	2.80	71,0	3.15	80,0
1 1/4	2.76	68,0	3.07	80,0	2.99	76,0	3.43	87,0
1 1/2	3.03	77,0	3.43	87,0	3.50	89,0	3.94	100,0
2	3.62	92,0	3.94	100,0	4.65	118,0	4.80	125,0
2 1/2	4.65	118,0	4.80	125,0				
3	4.65	118,0	5.67	144,0				
4	5.91	148,0	7.09	200,0				

⁽¹⁾ Dimensions may vary according to the manufacturer. *Dimensions pouvant varier selon le fabricant.*

BULL PLUG

BW / PE end per B16.25 / B16.11
Rating: 3000 / 6000 / 9000
BW Sch: STD / XS / 80 / 160 & XXS
Dimensions: MSS SP 95



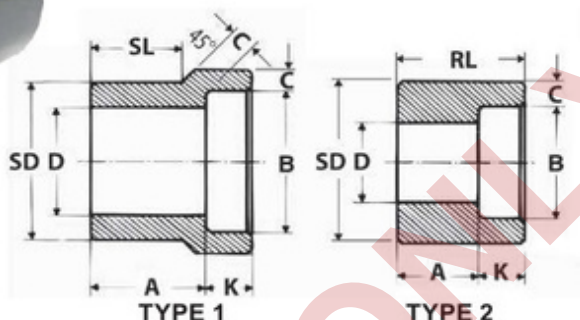
Diamètre nominal Nominal pipe size	Outside Diameter		End-to-End "B"		Diamètre nominal Nominal pipe size	Outside Diameter		End-to-End "B"	
	inches	mm	inches	mm		inches	mm	inches	mm
1/8	0.405	10,3	2.00	51	2 1/2	2.87	73,0	5.00	127
1/4	0.540	13,7	2.00	51	3	3.50	88,9	6.00	152
3/8	0.675	17,1	2.25	57	3 1/2	4.00	101,6	6.50	165
1/2	0.840	21,3	2.50	64	4	4.50	114,3	7.00	178
3/4	1.050	26,7	2.75	70	5	5.56	141,3	8.50	216
1	1.315	33,4	3.00	76	6	6.62	168,3	10.00	254
1 1/4	1.660	42,2	3.25	83	8	8.62	219,1	11.00	279
1 1/2	1.900	48,3	3.50	89	10	10.7	273,0	13.00	330
2	2.375	60,3	4.00	102	12	12.7	323,8	14.00	356

REDUCING INSERT

Réduction mâle-femelle

Application of reducing insert

Exemple d'utilisation
d'une réduction
mâle-femelle



Class 3000 lbs. - 6000 lbs.

Dimensions: MSS SP79

Nominal pipe size Diamètre nominal	Type(2)		Socket		Shank Dia. SD	Laying length A		Bore D		Wall min. C		Length			
												SL		RL (min)	
	3M	6M	Dia. B	Depth Min. K		3M	6M	3M	6M	3M	6M	3M	6M	3M	6M
3/8" x 1/4"	1	1	14,4	9,5	17,1	19,0	21,3	9,2	6,3	3,78	4,60	14,2	15,7		
1/2" x 3/8"	1	1	17,8	9,5	21,3	20,6	23,1	12,5	9,1	4,01	5,03	15,7	15,7		
1/2" x 1/4"	1	1	14,4	9,5	21,3	20,6	20,6	9,2	6,3	3,78	4,60	15,7	15,7		
3/4" x 1/2"	1	1	22,0	9,5	26,7	22,4	25,4	15,8	11,7	4,67	5,97	17,5	19,0		
3/4" x 3/8"	2	1	17,8	9,5	26,7	15,7	22,4	12,5	9,1	4,01	5,03		19,0	26,9	
3/4" x 1/4"	2	2	14,4	9,5	26,7	17,5	22,4	9,2	6,3	3,78	4,60			26,9	32,0
1" x 3/4"	1	1	27,4	12,5	33,4	23,9	28,4	20,9	15,5	4,90	6,96	19,0	20,6		
1" x 1/2"	2	1	22,0	9,5	33,4	15,7	28,4	15,8	11,7	4,67	5,97		20,6	28,4	
1" x 3/8"	2	2	17,8	9,5	33,4	17,5	22,4	12,5	9,1	4,01	5,03			28,4	33,2
1" x 1/4"	2	2	14,4	9,5	33,4	19,0	23,9	9,2	6,3	3,78	4,60			28,4	33,2
1 1/4" x 1"	1	1	34,1	12,5	42,2	25,4	30,2	26,6	20,7	5,69	7,92	20,6	22,4		
1 1/4" x 3/4"	2	2	27,4	12,5	42,2	17,5	20,6	20,9	15,5	4,90	6,96			31,7	34,7
1 1/4" x 1/2"	2	2	22,0	9,5	42,2	19,0	22,4	15,8	11,7	4,67	5,97			31,7	34,7
1 1/4" x 3/8"	2	2	17,8	9,5	42,2	20,6	23,9	12,5	9,1	4,01	5,03			31,7	34,7
1 1/4" x 1/4"	2	2	14,4	9,5	42,2	22,4	25,4	9,2	6,3	3,78	4,60			31,7	34,7
1 1/2" x 1 1/4"	1	1	42,9	12,5	48,2	28,4	35,0	35,0	29,4	6,07	7,92	22,4	25,4		
1 1/2" x 1"	2	1	34,1	12,5	48,2	17,5	29,2	26,6	20,7	5,69	7,92		25,4	33,2	
1 1/2" x 3/4"	2	2	27,4	12,5	48,2	19,0	25,4	20,9	15,5	4,90	6,96			33,2	39,6
1 1/2" x 1/2"	2	2	22,0	9,5	48,2	20,6	26,9	15,8	11,7	4,67	5,97			33,2	39,6
1 1/2" x 3/8"	2	2	17,8	9,5	48,2	22,4	28,4	12,5	9,1	4,01	5,03			33,2	39,6
2" x 1 1/2"	1	1	49,0	12,5	60,3	31,8	38,9	40,8	33,9	6,35	8,92	25,4	28,7		
2" x 1 1/4"	2	2	42,9	12,5	60,3	20,6	23,9	35,0	29,4	6,07	7,92			38,1	41,1
2" x 1"	2	2	34,1	12,5	60,3	22,4	25,4	26,6	20,7	5,69	7,92			38,1	41,1
2" x 3/4"	2	2	27,4	12,5	60,3	23,9	26,9	20,9	15,5	4,90	6,96			38,1	41,1
2" x 1/2"	2	2	22,0	9,5	60,3	25,4	28,4	15,8	11,7	4,67	5,97			38,1	41,1
2 1/2" x 2"	1	1	61,4	16	73,0	46,0	42,7	52,4	42,8	6,93	10,92	38,1	31,8		
2 1/2" x 1 1/2"	2	2	49,0	12,5	73,0	35,0	35,0	40,8	33,9	6,35	8,92			53,8	53,8
2 1/2" x 1 1/4"	2	2	42,9	12,5	73,0	36,6	36,6	35,0	29,4	6,07	7,92			53,8	53,8
2 1/2" x 1"	2	2	34,1	12,5	73,0	38,1	38,1	26,6	20,7	5,69	7,92			53,8	53,8
2 1/2" x 3/4"	2	2	27,4	12,5	73,0	39,6	38,1	20,9	15,5	4,90	6,96			53,8	53,8
3" x 2 1/2"	1	1	74,1	16	88,9	38,1	57,2	62,7	54,0	8,76	11,91	31,8	44,4		
3" x 2"	2	2	61,4	16	88,9	25,4	31,8	52,4	42,8	6,93	10,92			47,4	53,8
3" x 1 1/2"	2	2	49,0	12,5	88,9	28,4	31,8	40,8	33,9	6,35	8,92			47,4	53,8
3" x 1 1/4"	2	2	42,9	12,5	88,9	30,2	31,8	35,0	29,4	6,07	7,92			47,4	53,8
3" x 1"	2	2	34,1	12,5	88,9	31,8	31,8	26,6	20,7	5,69	7,92			47,4	53,8
4" x 3"	2	X	90,0	16	114,3	33,3	X	77,9	X	9,52	X			60,4	X
4" x 2 1/2"	2	X	74,1	16	114,3	38,1	X	62,7	X	8,76	X			60,4	X
4" x 2"	2	X	61,4	16	114,3	38,1	X	52,4	X	6,93	X			60,4	X
4" x 1 1/2"	2	X	49,0	12,5	114,3	41,1	X	40,8	X	6,35	X			60,4	X
4" x 1 1/4"	2	X	42,9	12,5	114,3	42,9	X	35,0	X	6,07	X			60,4	X

(1) At the option of the manufacturer Type 2 Reducers may be furnished in Type 1 configuration. (2) 3M and 6M symbols denote 3000 and 6000 classes

(1) Option du fabricant - inserts type 2 peuvent être livrés en configuration type 1. (2) 3M et 6M valent pour les classes 3000 et 6000

FITTINGS WE OFFER



**ELBOW
(90° OR 45°)
LR/SR**



**TEE
REDUCER**



**TEE OR
TEE EQUAL**



**ECCENTRIC
REDUCER**



**CONCENTRIC
REDUCER**

SPECIFICATIONS:

STANDARDS:

ASTM A105 , API, ASME, AND ANSI B16.5

- size: 1/4" - 48"
- Thickness: Class 150-2,500
- All Items will have an accompanying Mill Test Certificate upon request

APPLICATIONS:

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- Petrochemical Plants
- Oil & Gas
- Refineries
- Sugar Mills
- Energy
- Construction & Infrastructure
- Chemicals
- Machineries
- Boilers
- Food & Beverage
- Shipping
- Desalination Plant
- Machineries
- Automotive & Transport
- High-Pressure Vessel
- Power Plants

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