

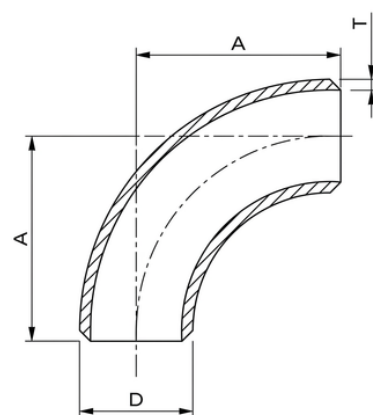
**BLAZE**

ASME Butt Weld Fitting

90° Elbow (Long Radius)

Specifications :

Size	1/2" to 12" (DN15 to DN300)
Certificate	ISO
Standard	ASME B16.9
Material	Wrought Steel as ASTM A234 WPB
Thickness	Schedule 10 ~ Schedule 80 as ASME B36.10M
Type	Long Radius, R=1.5D
Temperature	-30°C to 425°C
Pressure	Equivalent to same thickness pipe
Finish	Black Paint / Hot Dip Galvanized



Product Dimensions for Schedule 10, 40, and 80 Fittings :

Size			Thickness (mm)			Center to End
NPS	DN	OD(mm)	Schedule 10	Schedule 40	Schedule 80	A (mm)
1/2"	15	21.3	2.11	2.77	3.73	38
3/4"	20	26.7	2.11	2.87	3.91	38
1"	25	33.4	2.77	3.38	4.55	38
1-1/4"	32	42.2	2.77	3.56	4.85	48
1-1/2"	40	48.3	2.77	3.68	5.08	57
2"	50	60.3	2.77	3.91	5.54	76
2-1/2"	65	73	3.05	5.16	7.01	95
3"	80	88.9	3.05	5.49	7.62	114
4"	100	114.3	3.05	6.02	8.56	152
5"	125	141.3	3.40	6.55	9.53	190
6"	150	168.3	3.40	7.11	10.97	229
8"	200	219.1	3.76	8.18	12.70	305
10"	250	273	4.19	9.27	15.09	381
12"	300	323.8	4.57	10.31	17.48	457

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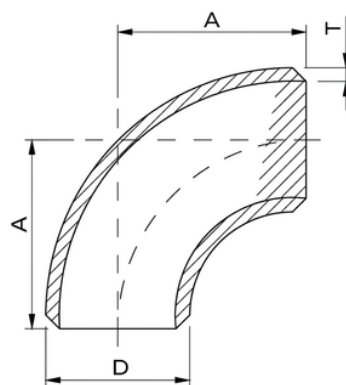
**BLAZE**

ASME Butt Weld Fitting

90° Elbow (Short Radius)

Specifications :

Size	1" to 12" (DN25 to DN300)
Certificate	ISO
Standard	ASME B16.9
Material	Wrought Steel as ASTM A234 WPB
Thickness	Schedule 10 ~ Schedule 80 as ASME B36.10M
Type	Short Radius, R=1.0D
Temperature	-30°C to 425°C
Pressure	Equivalent to same thickness pipe
Finish	Black Paint / Hot Dip Galvanized



Product Dimensions for Schedule 10, 40, and 80 Fittings :

Size			Thickness (mm)			Center to End
NPS	DN	OD(mm)	Schedule 10	Schedule 40	Schedule 80	A (mm)
1"	25	33.4	2.77	3.38	4.55	25
1-1/4"	32	42.2	2.77	3.56	4.85	32
1-1/2"	40	48.3	2.77	3.68	5.08	38
2"	50	60.3	2.77	3.91	5.54	51
2-1/2"	65	73	3.05	5.16	7.01	64
3"	80	88.9	3.05	5.49	7.62	76
4"	100	114.3	3.05	6.02	8.56	102
5"	125	141.3	3.40	6.55	9.53	127
6"	150	168.3	3.40	7.11	10.97	152
8"	200	219.1	3.76	8.18	12.70	203
10"	250	273	4.19	9.27	15.09	254
12"	300	323.8	4.57	10.31	17.48	305

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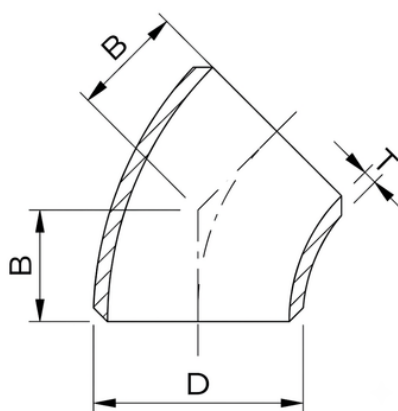
**BLAZE**

ASME Butt Weld Fitting

45° Elbow (Long Radius)

Specifications :

Size	1/2" to 12" (DN15 to DN300)
Certificate	ISO
Standard	ASME B16.9
Material	Wrought Steel as ASTM A234 WPB
Thickness	Schedule 10 ~ Schedule 80 as ASME B36.10M
Type	Long Radius, R=1.5D
Temperature	-30°C to 425°C
Pressure	Equivalent to same thickness pipe
Finish	Black Paint / Hot Dip Galvanized



Product Dimensions for Schedule 10, 40, and 80 Fittings :

Size			Thickness (mm)			Center to End
NPS	DN	OD(mm)	Schedule 10	Schedule 40	Schedule 80	B (mm)
1/2"	15	21.3	2.11	2.77	3.73	16
3/4"	20	26.7	2.11	2.87	3.91	19
1"	25	33.4	2.77	3.38	4.55	22
1-1/4"	32	42.2	2.77	3.56	4.85	25
1-1/2"	40	48.3	2.77	3.68	5.08	29
2"	50	60.3	2.77	3.91	5.54	35
2-1/2"	65	73	3.05	5.16	7.01	44
3"	80	88.9	3.05	5.49	7.62	51
4"	100	114.3	3.05	6.02	8.56	64
5"	125	141.3	3.40	6.55	9.53	79
6"	150	168.3	3.40	7.11	10.97	95
8"	200	219.1	3.76	8.18	12.70	127
10"	250	273	4.19	9.27	15.09	159
12"	300	323.8	4.57	10.31	17.48	190

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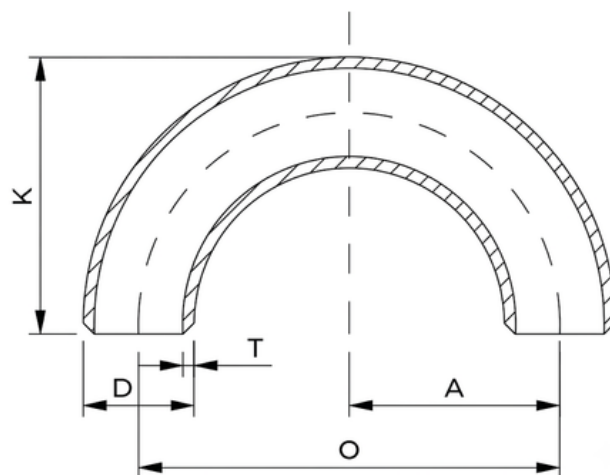
**BLAZE**

ASME Butt Weld Fitting

180° Return (Long Radius)

Specifications :

Size	1/2" to 12" (DN15 to DN300)
Certificate	ISO
Standard	ASME B16.9
Material	Wrought Steel as ASTM A234 WPB
Thickness	Schedule 10 ~ Schedule 80 as ASME B36.10M
Type	Long Radius, R=1.5D
Temperature	-30°C to 425°C
Pressure	Equivalent to same thickness pipe
Finish	Black Paint / Hot Dip Galvanized



Product Dimensions for Schedule 10, 40, and 80 Fittings :

Size			Thickness (mm)			Center to End	Back to Face
NPS	DN	OD(mm)	Schedule 10	Schedule 40	Schedule 80	O (mm)	K (mm)
1/2"	15	21.3	2.11	2.77	3.73	76	48
3/4"	20	26.7	2.11	2.87	3.91	76	51
1"	25	33.4	2.77	3.38	4.55	76	56
1-1/4"	32	42.2	2.77	3.56	4.85	95	70
1-1/2"	40	48.3	2.77	3.68	5.08	114	83
2"	50	60.3	2.77	3.91	5.54	152	106
2-1/2"	65	73	3.05	5.16	7.01	190	132
3"	80	88.9	3.05	5.49	7.62	229	159
4"	100	114.3	3.05	6.02	8.56	305	210
5"	125	141.3	3.40	6.55	9.53	381	262
6"	150	168.3	3.40	7.11	10.97	457	313
8"	200	219.1	3.76	8.18	12.70	610	414
10"	250	273	4.19	9.27	15.09	762	518
12"	300	323.8	4.57	10.31	17.48	914	619

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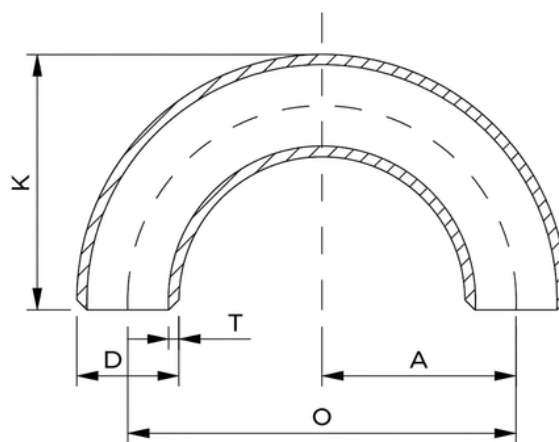
**BLAZE**

ASME Butt Weld Fitting

180° Return (Short Radius)

Specifications :

Size	1" to 12" (DN25 to DN300)
Certificate	ISO
Standard	ASME B16.9
Material	Wrought Steel as ASTM A234 WPB
Thickness	Schedule 10 ~ Schedule 80 as ASME B36.10M
Type	Short Radius, R=1.0D
Temperature	-30°C to 425°C
Pressure	Equivalent to same thickness pipe
Finish	Black Paint / Hot Dip Galvanized



Product Dimensions for Schedule 10, 40, and 80 Fittings :

Size			Thickness (mm)			Center to End	Back to Face
NPS	DN	OD(mm)	Schedule 10	Schedule 40	Schedule 80	O (mm)	K (mm)
1"	25	33.4	2.77	3.38	4.55	51	41
1-1/4"	32	42.2	2.77	3.56	4.85	64	52
1-1/2"	40	48.3	2.77	3.68	5.08	76	62
2"	50	60.3	2.77	3.91	5.54	102	81
2-1/2"	65	73	3.05	5.16	7.01	127	100
3"	80	88.9	3.05	5.49	7.62	152	121
4"	100	114.3	3.05	6.02	8.56	203	159
5"	125	141.3	3.40	6.55	9.53	254	197
6"	150	168.3	3.40	7.11	10.97	305	237
8"	200	219.1	3.76	8.18	12.70	406	313
10"	250	273	4.19	9.27	15.09	508	391
12"	300	323.8	4.57	10.31	17.48	610	467

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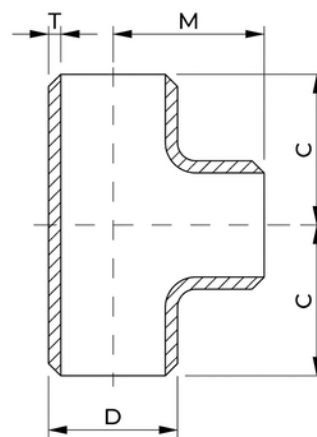
**BLAZE**

ASME Butt Weld Fitting

Straight Tee (Equal Tee)

Specifications :

Size	1/2" to 12" (DN15 to DN300)
Certificate	ISO
Standard	ASME B16.9
Material	Wrought Steel as ASTM A234 WPB
Thickness	Schedule 10 ~ Schedule 80 as ASME B36.10M
Type	Equal Outlets
Temperature	-30°C to 425°C
Pressure	Equivalent to same thickness pipe
Finish	Black Paint / Hot Dip Galvanized



Product Dimensions for Schedule 10, 40, and 80 Fittings :

Size			Thickness (mm)			Center to End (mm)	
NPS	DN	OD(mm)	Schedule 10	Schedule 40	Schedule 80	Run, C	Outlet, M
1/2"	15	21.3	2.11	2.77	3.73	25	25
3/4"	20	26.7	2.11	2.87	3.91	29	29
1"	25	33.4	2.77	3.38	4.55	38	38
1-1/4"	32	42.2	2.77	3.56	4.85	48	48
1-1/2"	40	48.3	2.77	3.68	5.08	57	57
2"	50	60.3	2.77	3.91	5.54	64	64
2-1/2"	65	73	3.05	5.16	7.01	76	76
3"	80	88.9	3.05	5.49	7.62	86	86
4"	100	114.3	3.05	6.02	8.56	105	105
5"	125	141.3	3.40	6.55	9.53	124	124
6"	150	168.3	3.40	7.11	10.97	143	143
8"	200	219.1	3.76	8.18	12.70	178	178
10"	250	273	4.19	9.27	15.09	216	216
12"	300	323.8	4.57	10.31	17.48	254	254

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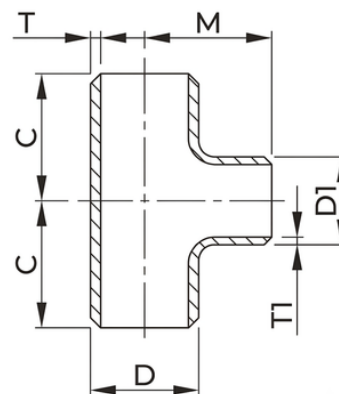
**BLAZE**

ASME Butt Weld Fitting

Reducing Tee

Specifications :

Size	1/2" to 12" (DN15 to DN300)
Certificate	ISO
Standard	ASME B16.9
Material	Wrought Steel as ASTM A234 WPB
Thickness	Schedule 10 ~ Schedule 80 as ASME B36.10M
Type	Unequal Outlets
Temperature	-30°C to 425°C
Pressure	Equivalent to same thickness pipe
Finish	Black Paint / Hot Dip Galvanized



Product Dimensions for Schedule 40 Fitting :

Size (D x D1)			Schedule 40 Thickness	Center to End (mm)	
NPS	DN	OD(mm)	T x T1 (mm)	Run, C	Outlet, M
3/4" x 1/2"	20 x 15	26.7 x 21.3	2.87 x 2.77	29	29
1" x 1/2"	25 x 15	33.4 x 21.3	3.38 x 2.77	38	38
1" x 3/4"	25 x 20	33.4 x 26.7	3.38 x 2.87	38	39
1-1/4 x 1/2"	32 x 15	42.2 x 21.3	3.56 x 2.77	48	48
1-1/4" x 3/4"	32 x 20	42.2 x 26.7	3.56 x 2.87	48	48
1-1/4 x 1"	32 x 25	42.2 x 33.4	3.56 x 3.38	48	48
1-1/2" x 1/2"	40 x 15	48.3 x 21.3	3.68 x 2.77	57	57
1-1/2" x 3/4"	40 x 20	48.3 x 26.7	3.68 x 2.87	57	57
1-1/2" x 1"	40 x 25	48.3 x 33.4	3.68 x 3.38	57	57
1-1/2" x 1-1/4"	40 x 32	48.3 x 42.2	3.68 x 3.56	57	57
2" x 3/4"	50 x 20	60.3 x 26.7	3.91 x 2.87	64	44
2" x 1"	50 x 25	60.3 x 33.4	3.91 x 3.38	64	51
2" x 1-1/4"	50 x 32	60.3 x 42.2	3.91 x 3.56	64	57
2" x 1-1/2"	50 x 40	60.3 x 48.3	3.91 x 3.68	64	60

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**BLAZE**

ASME Butt Weld Fitting

Reducing Tee

Size (D x D1)			Schedule 40 Thickness	Center to End (mm)	
NPS	DN	OD(mm)	T x T1 (mm)	Run, C	Outlet, M
2-1/2" x 1"	65 x 25	73.0 x 33.4	5.16 x 3.38	76	57
2-1/2" x 1-1/4"	65 x 32	73.0 x 42.2	5.16 x 3.56	76	64
2-1/2" x 1-1/2"	65 x 40	73.0 x 48.3	5.16 x 3.68	76	67
2-1/2" x 2"	65 x 50	73.0 x 60.3	5.16 x 3.91	76	70
3" x 1-1/4"	80 x 32	88.9 x 42.2	5.49 x 3.56	86	70
3" x 1-1/2"	80 x 40	88.9 x 48.3	5.49 x 3.68	86	73
3" x 2"	80 x 50	88.9 x 60.3	5.49 x 3.91	86	76
3" x 2-1/2"	80 x 65	88.9 x 73.0	5.49 x 5.16	86	83
4" x 1-1/2"	100 x 40	114.3 x 48.3	6.02 x 3.68	105	86
4" x 2"	100 x 50	114.3 x 60.3	6.02 x 3.91	105	89
4" x 2-1/2"	100 x 65	114.3 x 73.0	6.02 x 5.16	105	95
4" x 3"	100 x 80	114.3 x 88.9	6.02 x 5.49	105	98
5" x 2"	125 x 50	141.3 x 60.3	6.55 x 3.91	124	105
5" x 2-1/2"	125 x 65	141.3 x 73.0	6.55 x 5.16	124	108
5" x 3"	125 x 80	141.3 x 88.9	6.55 x 5.49	124	111
5" x 4"	125 x 100	141.3 x 114.3	6.55 x 6.02	124	117
6" x 2-1/2"	150 x 65	168.3 x 73.0	7.11 x 5.16	143	121
6" x 3"	150 x 80	168.3 x 88.9	7.11 x 5.49	143	124
6" x 4"	150 x 100	168.3 x 114.3	7.11 x 6.02	143	130
6" x 5"	150 x 125	168.3 x 141.3	7.11 x 6.55	143	137
8" x 4"	200 x 100	219.1 x 114.3	8.18 x 6.02	178	156
8" x 5"	200 x 125	219.1 x 141.3	8.18 x 6.55	178	162
8" x 6"	200 x 150	219.1 x 168.3	8.18 x 7.11	178	168
10" x 4"	250 x 100	273.0 x 114.3	9.27 x 6.02	216	184
10" x 5"	250 x 125	273.0 x 141.3	9.27 x 6.55	216	191
10" x 6"	250 x 150	273.0 x 168.3	9.27 x 7.11	216	194
10" x 8"	250 x 200	273.0 x 219.1	9.27 x 8.18	216	203
12" x 5"	300 x 125	323.8 x 141.3	10.31 x 6.55	254	216
12" x 6"	300 x 150	323.8 x 168.3	10.31 x 7.11	254	219
12" x 8"	300 x 200	323.8 x 219.1	10.31 x 8.18	254	229
12" x 10"	300 x 250	323.8 x 273.0	10.31 x 10.31	254	241

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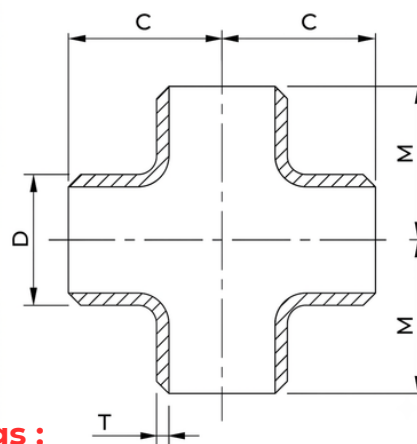
**BLAZE**

ASME Butt Weld Fitting

Straight Cross (Equal Cross)

Specifications :

Size	1/2" to 12" (DN15 to DN300)
Certificate	ISO
Standard	ASME B16.9
Material	Wrought Steel as ASTM A234 WPB
Thickness	Schedule 10 ~ Schedule 80 as ASME B36.10M
Type	Equal Outlets
Temperature	-30°C to 425°C
Pressure	Equivalent to same thickness pipe
Finish	Black Paint / Hot Dip Galvanized



Product Dimensions for Schedule 10, 40, and 80 Fittings :

Size			Thickness (mm)			Center to End (mm)	
NPS	DN	OD(mm)	Schedule 10	Schedule 40	Schedule 80	Run, C	Outlet, M
1/2"	15	21.3	2.11	2.77	3.73	25	25
3/4"	20	26.7	2.11	2.87	3.91	29	29
1"	25	33.4	2.77	3.38	4.55	38	38
1-1/4"	32	42.2	2.77	3.56	4.85	48	48
1-1/2"	40	48.3	2.77	3.68	5.08	57	57
2"	50	60.3	2.77	3.91	5.54	64	64
2-1/2"	65	73	3.05	5.16	7.01	76	76
3"	80	88.9	3.05	5.49	7.62	86	86
4"	100	114.3	3.05	6.02	8.56	105	105
5"	125	141.3	3.40	6.55	9.53	124	124
6"	150	168.3	3.40	7.11	10.97	143	143
8"	200	219.1	3.76	8.18	12.70	178	178
10"	250	273	4.19	9.27	15.09	216	216
12"	300	323.8	4.57	10.31	17.48	254	254

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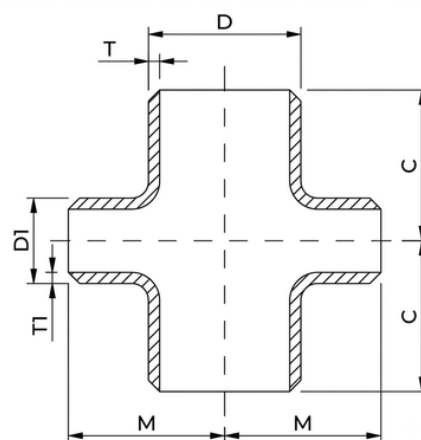
**BLAZE**

ASME Butt Weld Fitting

Reducing Cross

Specifications :

Size	1/2" to 12" (DN15 to DN300)
Certificate	ISO
Standard	ASME B16.9
Material	Wrought Steel as ASTM A234 WPB
Thickness	Schedule 10 ~ Schedule 80 as ASME B36.10M
Type	Unequal Outlets
Temperature	-30°C to 425°C
Pressure	Equivalent to same thickness pipe
Finish	Black Paint / Hot Dip Galvanized



Product Dimensions for Schedule 40 Fitting :

Size (D x D1)			Schedule 40 Thickness	Center to End (mm)	
NPS	DN	OD(mm)	T x T1 (mm)	Run, C	Outlet, M
3/4" x 1/2"	20 x 15	26.7 x 21.3	2.87 x 2.77	29	29
1" x 1/2"	25 x 15	33.4 x 21.3	3.38 x 2.77	38	38
1" x 3/4"	25 x 20	33.4 x 26.7	3.38 x 2.87	38	39
1-1/4 x 1/2"	32 x 15	42.2 x 21.3	3.56 x 2.77	48	48
1-1/4" x 3/4"	32 x 20	42.2 x 26.7	3.56 x 2.87	48	48
1-1/4 x 1"	32 x 25	42.2 x 33.4	3.56 x 3.38	48	48
1-1/2" x 1/2"	40 x 15	48.3 x 21.3	3.68 x 2.77	57	57
1-1/2" x 3/4"	40 x 20	48.3 x 26.7	3.68 x 2.87	57	57
1-1/2" x 1"	40 x 25	48.3 x 33.4	3.68 x 3.38	57	57
1-1/2" x 1-1/4"	40 x 32	48.3 x 42.2	3.68 x 3.56	57	57
2" x 3/4"	50 x 20	60.3 x 26.7	3.91 x 2.87	64	44
2" x 1"	50 x 25	60.3 x 33.4	3.91 x 3.38	64	51
2" x 1-1/4"	50 x 32	60.3 x 42.2	3.91 x 3.56	64	57
2" x 1-1/2"	50 x 40	60.3 x 48.3	3.91 x 3.68	64	60

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**BLAZE**

ASME Butt Weld Fitting

Reducing Cross

Size (D x D1)			Schedule 40 Thickness	Center to End (mm)	
NPS	DN	OD(mm)	T x T1 (mm)	Run, C	Outlet, M
2-1/2" x 1"	65 x 25	73.0 x 33.4	5.16 x 3.38	76	57
2-1/2" x 1-1/4"	65 x 32	73.0 x 42.2	5.16 x 3.56	76	64
2-1/2" x 1-1/2"	65 x 40	73.0 x 48.3	5.16 x 3.68	76	67
2-1/2" x 2"	65 x 50	73.0 x 60.3	5.16 x 3.91	76	70
3" x 1-1/4"	80 x 32	88.9 x 42.2	5.49 x 3.56	86	70
3" x 1-1/2"	80 x 40	88.9 x 48.3	5.49 x 3.68	86	73
3" x 2"	80 x 50	88.9 x 60.3	5.49 x 3.91	86	76
3" x 2-1/2"	80 x 65	88.9 x 73.0	5.49 x 5.16	86	83
4" x 1-1/2"	100 x 40	114.3 x 48.3	6.02 x 3.68	105	86
4" x 2"	100 x 50	114.3 x 60.3	6.02 x 3.91	105	89
4" x 2-1/2"	100 x 65	114.3 x 73.0	6.02 x 5.16	105	95
4" x 3"	100 x 80	114.3 x 88.9	6.02 x 5.49	105	98
5" x 2"	125 x 50	141.3 x 60.3	6.55 x 3.91	124	105
5" x 2-1/2"	125 x 65	141.3 x 73.0	6.55 x 5.16	124	108
5" x 3"	125 x 80	141.3 x 88.9	6.55 x 5.49	124	111
5" x 4"	125 x 100	141.3 x 114.3	6.55 x 6.02	124	117
6" x 2-1/2"	150 x 65	168.3 x 73.0	7.11 x 5.16	143	121
6" x 3"	150 x 80	168.3 x 88.9	7.11 x 5.49	143	124
6" x 4"	150 x 100	168.3 x 114.3	7.11 x 6.02	143	130
6" x 5"	150 x 125	168.3 x 141.3	7.11 x 6.55	143	137
8" x 4"	200 x 100	219.1 x 114.3	8.18 x 6.02	178	156
8" x 5"	200 x 125	219.1 x 141.3	8.18 x 6.55	178	162
8" x 6"	200 x 150	219.1 x 168.3	8.18 x 7.11	178	168
10" x 4"	250 x 100	273.0 x 114.3	9.27 x 6.02	216	184
10" x 5"	250 x 125	273.0 x 141.3	9.27 x 6.55	216	191
10" x 6"	250 x 150	273.0 x 168.3	9.27 x 7.11	216	194
10" x 8"	250 x 200	273.0 x 219.1	9.27 x 8.18	216	203
12" x 5"	300 x 125	323.8 x 141.3	10.31 x 6.55	254	216
12" x 6"	300 x 150	323.8 x 168.3	10.31 x 7.11	254	219
12" x 8"	300 x 200	323.8 x 219.1	10.31 x 8.18	254	229
12" x 10"	300 x 250	323.8 x 273.0	10.31 x 10.31	254	241

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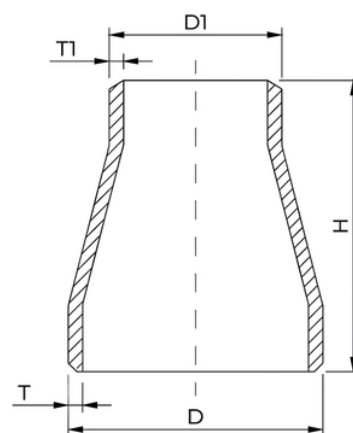
**BLAZE**

ASME Butt Weld Fitting

Concentric Reducer

Specifications :

Size	1/2" to 12" (DN15 to DN300)
Certificate	ISO
Standard	ASME B16.9
Material	Wrought Steel as ASTM A234 WPB
Thickness	Schedule 10 ~ Schedule 80 as ASME B36.10M
Type	Concentric
Temperature	-30°C to 425°C
Pressure	Equivalent to same thickness pipe
Finish	Black Paint / Hot Dip Galvanized



Product Dimensions for Schedule 40 Fitting :

Size (D x D1)			Schedule 40 Thickness	End to End
NPS	DN	OD(mm)	T x T1 (mm)	H (mm)
3/4" x 1/2"	20 x 15	26.7 x 21.3	2.87 x 2.77	38
1" x 1/2"	25 x 15	33.4 x 21.3	3.38 x 2.77	51
1" x 3/4"	25 x 20	33.4 x 26.7	3.38 x 2.87	51
1-1/4" x 1/2"	32 x 15	42.2 x 21.3	3.56 x 2.77	51
1-1/4" x 3/4"	32 x 20	42.2 x 26.7	3.56 x 2.87	51
1-1/4" x 1"	32 x 25	42.2 x 33.4	3.56 x 3.38	51
1-1/2" x 1/2"	40 x 15	48.3 x 21.3	3.68 x 2.77	64
1-1/2" x 3/4"	40 x 20	48.3 x 26.7	3.68 x 2.87	64
1-1/2" x 1"	40 x 25	48.3 x 33.4	3.68 x 3.38	64
1-1/2" x 1-1/4"	40 x 32	48.3 x 42.2	3.68 x 3.56	64
2" x 3/4"	50 x 20	60.3 x 26.7	3.91 x 2.87	76
2" x 1"	50 x 25	60.3 x 33.4	3.91 x 3.38	76
2" x 1-1/4"	50 x 32	60.3 x 42.2	3.91 x 3.56	76
2" x 1-1/2"	50 x 40	60.3 x 48.3	3.91 x 3.68	76

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**BLAZE**

ASME Butt Weld Fitting

Concentric Reducer

Size (D x D1)			Schedule 40 Thickness	End to End
NPS	DN	OD(mm)	T x T1 (mm)	H (mm)
2-1/2" x 1"	65 x 25	73.0 x 33.4	5.16 x 3.38	89
2-1/2" x 1-1/4"	65 x 32	73.0 x 42.2	5.16 x 3.56	89
2-1/2" x 1-1/2"	65 x 40	73.0 x 48.3	5.16 x 3.68	89
2-1/2" x 2"	65 x 50	73.0 x 60.3	5.16 x 3.91	89
3" x 1-1/4"	80 x 32	88.9 x 42.2	5.49 x 3.56	89
3" x 1-1/2"	80 x 40	88.9 x 48.3	5.49 x 3.68	89
3" x 2"	80 x 50	88.9 x 60.3	5.49 x 3.91	89
3" x 2-1/2"	80 x 65	88.9 x 73.0	5.49 x 5.16	89
4" x 1-1/2"	100 x 40	114.3 x 48.3	6.02 x 3.68	102
4" x 2"	100 x 50	114.3 x 60.3	6.02 x 3.91	102
4" x 2-1/2"	100 x 65	114.3 x 73.0	6.02 x 5.16	102
4" x 3"	100 x 80	114.3 x 88.9	6.02 x 5.49	102
5" x 2"	125 x 50	141.3 x 60.3	6.55 x 3.91	127
5" x 2-1/2"	125 x 65	141.3 x 73.0	6.55 x 5.16	127
5" x 3"	125 x 80	141.3 x 88.9	6.55 x 5.49	127
5" x 4"	125 x 100	141.3 x 114.3	6.55 x 6.02	127
6" x 2-1/2"	150 x 65	168.3 x 73.0	7.11 x 5.16	140
6" x 3"	150 x 80	168.3 x 88.9	7.11 x 5.49	140
6" x 4"	150 x 100	168.3 x 114.3	7.11 x 6.02	140
6" x 5"	150 x 125	168.3 x 141.3	7.11 x 6.55	140
8" x 4"	200 x 100	219.1 x 114.3	8.18 x 6.02	152
8" x 5"	200 x 125	219.1 x 141.3	8.18 x 6.55	152
8" x 6"	200 x 150	219.1 x 168.3	8.18 x 7.11	152
10" x 4"	250 x 100	273.0 x 114.3	9.27 x 6.02	178
10" x 5"	250 x 125	273.0 x 141.3	9.27 x 6.55	178
10" x 6"	250 x 150	273.0 x 168.3	9.27 x 7.11	178
10" x 8"	250 x 200	273.0 x 219.1	9.27 x 8.18	178
12" x 5"	300 x 125	323.8 x 141.3	10.31 x 6.55	203
12" x 6"	300 x 150	323.8 x 168.3	10.31 x 7.11	203
12" x 8"	300 x 200	323.8 x 219.1	10.31 x 8.18	203
12" x 10"	300 x 250	323.8 x 273.0	10.31 x 10.31	203

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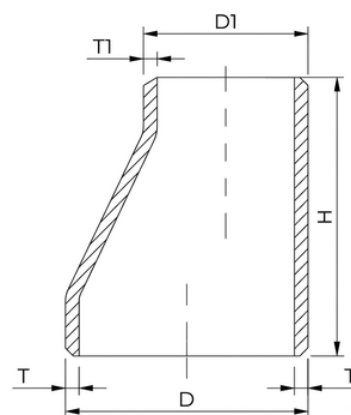
**BLAZE**

ASME Butt Weld Fitting

Eccentric Reducer

Specifications :

Size	1/2" to 12" (DN15 to DN300)
Certificate	ISO
Standard	ASME B16.9
Material	Wrought Steel as ASTM A234 WPB
Thickness	Schedule 10 ~ Schedule 80 as ASME B36.10M
Type	Eccentric
Temperature	-30°C to 425°C
Pressure	Equivalent to same thickness pipe
Finish	Black Paint / Hot Dip Galvanized



Product Dimensions for Schedule 40 Fitting :

Size (D x D1)			Schedule 40 Thickness	End to End
NPS	DN	OD(mm)	T x T1 (mm)	H (mm)
3/4" x 1/2"	20 x 15	26.7 x 21.3	2.87 x 2.77	38
1" x 1/2"	25 x 15	33.4 x 21.3	3.38 x 2.77	51
1" x 3/4"	25 x 20	33.4 x 26.7	3.38 x 2.87	51
1-1/4 x 1/2"	32 x 15	42.2 x 21.3	3.56 x 2.77	51
1-1/4" x 3/4"	32 x 20	42.2 x 26.7	3.56 x 2.87	51
1-1/4 x 1"	32 x 25	42.2 x 33.4	3.56 x 3.38	51
1-1/2" x 1/2"	40 x 15	48.3 x 21.3	3.68 x 2.77	64
1-1/2" x 3/4"	40 x 20	48.3 x 26.7	3.68 x 2.87	64
1-1/2" x 1"	40 x 25	48.3 x 33.4	3.68 x 3.38	64
1-1/2" x 1-1/4"	40 x 32	48.3 x 42.2	3.68 x 3.56	64
2" x 3/4"	50 x 20	60.3 x 26.7	3.91 x 2.87	76
2" x 1"	50 x 25	60.3 x 33.4	3.91 x 3.38	76
2" x 1-1/4"	50 x 32	60.3 x 42.2	3.91 x 3.56	76
2" x 1-1/2"	50 x 40	60.3 x 48.3	3.91 x 3.68	76

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**BLAZE**

ASME Butt Weld Fitting

Eccentric Reducer

Size (D x D1)			Schedule 40 Thickness	End to End
NPS	DN	OD(mm)	T x T1 (mm)	H (mm)
2-1/2" x 1"	65 x 25	73.0 x 33.4	5.16 x 3.38	89
2-1/2" x 1-1/4"	65 x 32	73.0 x 42.2	5.16 x 3.56	89
2-1/2" x 1-1/2"	65 x 40	73.0 x 48.3	5.16 x 3.68	89
2-1/2" x 2"	65 x 50	73.0 x 60.3	5.16 x 3.91	89
3" x 1-1/4"	80 x 32	88.9 x 42.2	5.49 x 3.56	89
3" x 1-1/2"	80 x 40	88.9 x 48.3	5.49 x 3.68	89
3" x 2"	80 x 50	88.9 x 60.3	5.49 x 3.91	89
3" x 2-1/2"	80 x 65	88.9 x 73.0	5.49 x 5.16	89
4" x 1-1/2"	100 x 40	114.3 x 48.3	6.02 x 3.68	102
4" x 2"	100 x 50	114.3 x 60.3	6.02 x 3.91	102
4" x 2-1/2"	100 x 65	114.3 x 73.0	6.02 x 5.16	102
4" x 3"	100 x 80	114.3 x 88.9	6.02 x 5.49	102
5" x 2"	125 x 50	141.3 x 60.3	6.55 x 3.91	127
5" x 2-1/2"	125 x 65	141.3 x 73.0	6.55 x 5.16	127
5" x 3"	125 x 80	141.3 x 88.9	6.55 x 5.49	127
5" x 4"	125 x 100	141.3 x 114.3	6.55 x 6.02	127
6" x 2-1/2"	150 x 65	168.3 x 73.0	7.11 x 5.16	140
6" x 3"	150 x 80	168.3 x 88.9	7.11 x 5.49	140
6" x 4"	150 x 100	168.3 x 114.3	7.11 x 6.02	140
6" x 5"	150 x 125	168.3 x 141.3	7.11 x 6.55	140
8" x 4"	200 x 100	219.1 x 114.3	8.18 x 6.02	152
8" x 5"	200 x 125	219.1 x 141.3	8.18 x 6.55	152
8" x 6"	200 x 150	219.1 x 168.3	8.18 x 7.11	152
10" x 4"	250 x 100	273.0 x 114.3	9.27 x 6.02	178
10" x 5"	250 x 125	273.0 x 141.3	9.27 x 6.55	178
10" x 6"	250 x 150	273.0 x 168.3	9.27 x 7.11	178
10" x 8"	250 x 200	273.0 x 219.1	9.27 x 8.18	178
12" x 5"	300 x 125	323.8 x 141.3	10.31 x 6.55	203
12" x 6"	300 x 150	323.8 x 168.3	10.31 x 7.11	203
12" x 8"	300 x 200	323.8 x 219.1	10.31 x 8.18	203
12" x 10"	300 x 250	323.8 x 273.0	10.31 x 10.31	203

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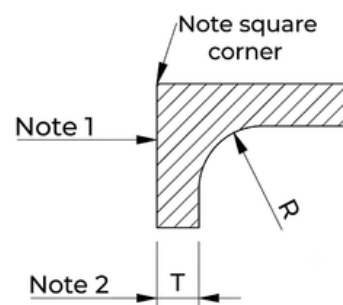
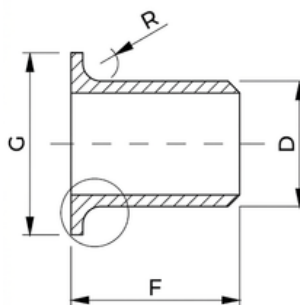
**BLAZE**

ASME Butt Weld Fitting

Lap Joint Stub End (Long)

Specifications :

Size	1/2" to 12" (DN15 to DN300)
Certificate	ISO
Standard	ASME B16.9
Material	Wrought Steel as ASTM A234 WPB
Thickness	Schedule 10 ~ Schedule 80 as ASME B36.10M
Type	Long Pattern Length
Temperature	-30°C to 425°C
Pressure	Equivalent to same thickness pipe
Finish	Black Paint / Hot Dip Galvanized



Product Dimensions :

Size			Pattern Length	Fillet Radius	Lap Diameter
NPS	DN	OD(mm)	F (mm)	R (mm)	G (mm)
1/2"	15	21.3	76	3	35
3/4"	20	26.7	76	3	43
1"	25	33.4	102	3	51
1-1/4"	32	42.2	102	5	64
1-1/2"	40	48.3	102	6	73
2"	50	60.3	152	8	92
2-1/2"	65	73	152	8	105
3"	80	88.9	152	10	127
4"	100	114.3	152	11	157
5"	125	141.3	203	11	186
6"	150	168.3	203	13	216
8"	200	219.1	203	13	270
10"	250	273	254	13	324
12"	300	323.8	254	13	381

Note:

1. Gasket face finish is in accordance with ASME B16.5 for rasied face flanges.
2. The lap thickness T is $\geq$ pipe wall thickness.

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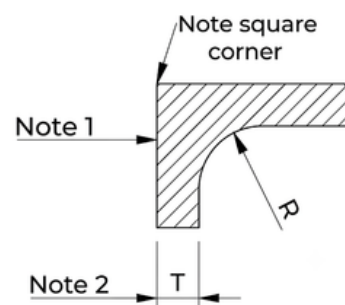
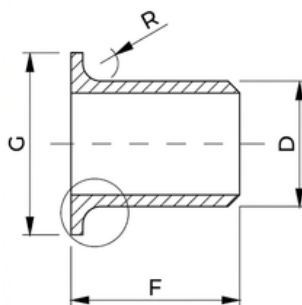
**BLAZE**

ASME Butt Weld Fitting

Lap Joint Stub End (Short)

Specifications :

Size	1/2" to 12" (DN15 to DN300)
Certificate	ISO
Standard	ASME B16.9
Material	Wrought Steel as ASTM A234 WPB
Thickness	Schedule 10 ~ Schedule 80 as ASME B36.10M
Type	Short Pattern Length
Temperature	-30°C to 425°C
Pressure	Equivalent to same thickness pipe
Finish	Black Paint / Hot Dip Galvanized



Product Dimensions :

Size			Pattern Length	Fillet Radius	Lap Diameter
NPS	DN	OD(mm)	F (mm)	R (mm)	G (mm)
1/2"	15	21.3	51	3	35
3/4"	20	26.7	51	3	43
1"	25	33.4	51	3	51
1-1/4"	32	42.2	51	5	64
1-1/2"	40	48.3	51	6	73
2"	50	60.3	64	8	92
2-1/2"	65	73	64	8	105
3"	80	88.9	64	10	127
4"	100	114.3	76	11	157
5"	125	141.3	76	11	186
6"	150	168.3	89	13	216
8"	200	219.1	102	13	270
10"	250	273	127	13	324
12"	300	323.8	152	13	381

Note:

1. Gasket face finish is in accordance with ASME B16.5 for raised face flanges.
2. The lap thickness T is $\geq$ pipe wall thickness.

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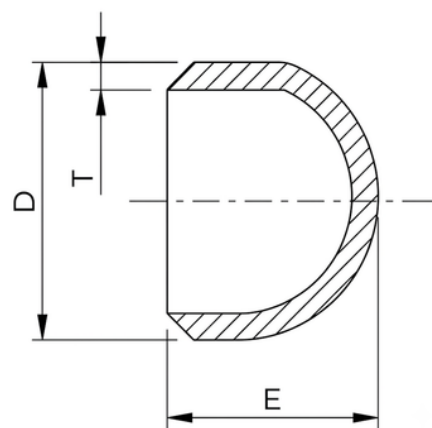
**BLAZE**

ASME Butt Weld Fitting

End Cap

Specifications :

Size	1/2" to 12" (DN15 to DN300)
Certificate	ISO
Standard	ASME B16.9
Material	Wrought Steel as ASTM A234 WPB
Thickness	Schedule 10 ~ Schedule 80 as ASME B36.10M
Temperature	-30°C to 425°C
Pressure	Equivalent to same thickness pipe
Finish	Black Paint / Hot Dip Galvanized



Product Dimensions for Schedule 10, 40, and 80 Fittings :

Size			Thickness (mm)			Length
NPS	DN	OD(mm)	Schedule 10	Schedule 40	Schedule 80	E (mm)
1/2"	15	21.3	2.11	2.77	3.73	25
3/4"	20	26.7	2.11	2.87	3.91	25
1"	25	33.4	2.77	3.38	4.55	38
1-1/4"	32	42.2	2.77	3.56	4.85	38
1-1/2"	40	48.3	2.77	3.68	5.08	38
2"	50	60.3	2.77	3.91	5.54	38
2-1/2"	65	73	3.05	5.16	7.01	38
3"	80	88.9	3.05	5.49	7.62	51
4"	100	114.3	3.05	6.02	8.56	64
5"	125	141.3	3.40	6.55	9.53	76
6"	150	168.3	3.40	7.11	10.97	102
8"	200	219.1	3.76	8.18	12.70	102
10"	250	273	4.19	9.27	15.09	152
12"	300	323.8	4.57	10.31	17.48	178

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