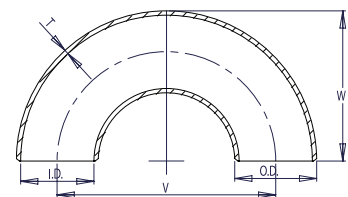


## 180° RETURN BENDS

Pipe Size	Outside Diameter	Inside Diameter	Wall Thickness	Center to Center	Back to Face	Pipe Schedule Number	Approx. Weight in Pounds
	O.D.	I.D.	T	V	W		
1/2	0.84	0.622	0.109	3.00	1.88	40	0.32
3/4	1.05	0.824	0.113	3.00	2.00	40	0.34
1	1.32	1.054	0.133	3.00	2.19	40	0.74
1 1/4	1.66	1.380	0.140	3.75	2.75	40	1.10
1 1/2	1.90	1.610	0.145	4.50	3.25	40	1.60
2	2.38	2.072	0.154	6.00	4.19	40	3.20
2 1/2	2.88	2.474	0.203	7.50	5.19	40	6.10
3	3.50	3.068	0.216	9.00	6.25	40	9.40
3 1/2	4.00	3.548	0.226	10.50	7.25	40	12.80
4	4.50	4.026	0.237	12.00	8.25	40	17.50
5	5.56	5.044	0.258	15.00	10.31	40	29.30
6	6.62	6.060	0.280	18.00	12.31	40	47.00
8	8.62	7.976	0.322	24.00	16.31	40	87.00
10	10.75	10.020	0.365	30.00	20.38	40	164.00
12	12.75	12.000	0.375	36.00	24.38	*	237.00
14	14.00	13.250	0.375	42.00	28.00	30	311.00
16	16.00	15.250	0.375	48.00	32.00	30	408.00
18	18.00	17.250	0.375	54.00	36.00	*	514.00
20	20.00	19.250	0.375	60.00	40.00	20	636.00
24	24.00	23.250	0.375	72.00	48.00	20	908.00

### LONG RADIUS SCHEDULE STD

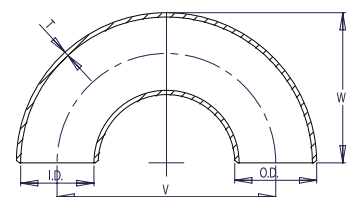


#### WELDBEND NOTES

1. Conforms to ASME B16.9 & ASTM A234 WPB.
  2. All dimensions are in inches.
  3. For bevel detail see page 107.
  4. For dimensional tolerances see page 108.
  5. For sizes larger than 24" please call.
  6. All weights are in pounds and approximated or estimated.
- \* This size and thickness does not correspond to any pipe schedule number.

Pipe Size	Outside Diameter	Inside Diameter	Wall Thickness	Center to Center	Back to Face	Pipe Schedule Number	Approx. Weight in Pounds
	O.D.	I.D.	T	V	W		
1/2	0.84	0.546	0.147	3.00	1.88	80	0.45
3/4	1.05	0.742	0.154	3.00	2.00	80	0.52
1	1.32	0.962	0.179	3.00	2.19	80	0.97
1 1/4	1.66	1.278	0.191	3.75	2.75	80	1.60
1 1/2	1.90	1.500	0.200	4.50	3.25	80	2.20
2	2.38	1.944	0.218	6.00	4.19	80	4.10
2 1/2	2.88	2.328	0.276	7.50	5.19	80	7.70
3	3.50	2.900	0.300	9.00	6.25	80	12.40
3 1/2	4.00	3.364	0.318	10.50	7.25	80	17.10
4	4.50	3.826	0.337	12.00	8.25	80	24.10
5	5.56	4.810	0.375	15.00	10.31	80	41.70
6	6.62	5.756	0.432	18.00	12.31	80	68.20
8	8.62	7.620	0.500	24.00	16.31	80	140.00
10	10.75	9.750	0.500	30.00	20.38	60	217.00
12	12.75	11.750	0.500	36.00	24.38	*	311.00
14	14.00	13.000	0.500	42.00	28.00	*	400.00
16	16.00	15.000	0.500	48.00	32.00	40	540.00
18	18.00	17.000	0.500	54.00	36.00	*	686.00
20	20.00	19.000	0.500	60.00	40.00	30	840.00
24	24.00	23.000	0.500	72.00	48.00	*	1210.00

### LONG RADIUS SCHEDULE XS



#### WELDBEND NOTES

1. Conforms to ASME B16.9 & ASTM A234 WPB.
  2. All dimensions are in inches.
  3. For bevel detail see page 107.
  4. For dimensional tolerances see page 108.
  5. For sizes larger than 24" please call.
  6. All weights are in pounds and approximated or estimated.
- \* This size and thickness does not correspond to any pipe schedule number.