

# CARBON STEEL BUTTWELDED FITTINGS

ITEM	STANDARD	TYPE	FINISHED
SCH 40	ANSI/ASME B16.9	SEAMLESS	BLACK PAINT
SGP	JIS B2304 / B2311	WELDED	BLACK PAINT

Nominal Pipe Size		SCH 40		SGP	
Inch	DN	Thickness (mm)	Weight (kg)	Thickness (mm)	Weight (kg)
1/2	15	2.77	0.08	2.80	0.08
3/4	20	2.87	0.08	2.80	0.10
1	25	3.38	0.15	3.20	0.15
1 1/4	32	3.56	0.25	3.50	0.25
1 1/2	40	3.68	0.36	3.50	0.35
2	50	3.91	0.65	3.80	0.63
2 1/2	65	5.16	1.29	4.20	1.12
3	80	5.49	2.03	4.20	1.58
4	100	6.02	3.85	4.50	2.91
5	125	6.55	6.51	4.50	4.99
6	150	7.11	10.10	5.00	7.09
8	200	8.18	20.40	5.80	14.40
10	250	9.27	36.10	6.60	25.40
12	300	10.31	57.80	6.90	38.10

## ELBOWS 90°



## CONCENTRIC REDUCERS



Nominal Pipe Size		SCH 40		SGP	
Inch	DN	Thickness (mm)	Weight (kg)	Thickness (mm)	Weight (kg)
2 1/2 x 1	65 X 25	5.16 X 3.38	0.57	4.2 X 3.2	0.59
2 1/2 x 1 1/4	65 X 32	5.16 X 3.56	0.60	4.2 X 3.5	0.59
2 1/2 x 1 1/2	65 X 40	5.16 X 3.68	0.64	4.2 X 3.5	0.59
2 1/2 x 2	65 X 50	5.16 X 3.91	0.70	4.2 X 3.8	0.59
3 x 1	80 X 25	5.49 X 3.38	0.78	4.2 X 3.2	0.72
3 x 1 1/4	80 X 32	5.49 X 3.56	0.78	4.2 X 3.5	0.72
3 x 1 1/2	80 X 40	5.49 X 3.68	0.78	4.2 X 3.5	0.72
3 x 2	80 X 50	5.49 X 3.91	0.78	4.2 X 3.8	0.72
3 x 2 1/2	80 X 65	5.49 X 5.16	0.78	4.2 X 4.2	0.72
4 x 1	100 X 25	6.02 X 3.38	1.10	4.5 X 3.2	1.10
4 x 1 1/4	100 X 32	6.02 X 3.56	1.15	4.5 X 3.5	1.10
4 x 1 1/2	100 X 40	6.02 X 3.68	1.20	4.5 X 3.5	1.10
4 x 2	100 X 50	6.02 X 3.91	1.19	4.5 X 3.8	1.10
4 x 2 1/2	100 X 65	6.02 X 5.16	1.32	4.5 X 4.2	1.10
4 x 3	100 X 80	6.02 X 5.49	1.41	4.5 X 4.2	1.10
5 x 2	125 X 50	6.55 X 3.91	2.00	4.5 X 3.8	1.70
5 x 2 1/2	125 X 65	6.55 X 5.16	2.06	4.5 X 4.2	1.70
5 x 3	125 X 80	6.55 X 5.49	2.17	4.5 X 4.2	1.70
5 x 4	125 X 100	6.55 X 6.02	2.35	4.5 X 4.5	1.70
6 x 2 1/2	150 X 65	7.11 X 5.16	3.00	5.0 X 4.2	2.60
6 x 3	150 X 80	7.11 X 5.49	2.96	5.0 X 4.2	2.60
6 x 4	150 X 100	7.11 X 6.02	3.15	5.0 X 4.5	2.60
6 x 5	150 X 125	7.11 X 6.55	3.42	5.0 X 4.5	2.60
8 x 4	200 X 100	8.18 X 6.02	5.07	5.8 X 4.5	4.10
8 x 5	200 X 125	8.18 X 6.55	5.35	5.8 X 4.5	4.10
8 x 6	200 X 150	8.18 X 7.11	5.65	5.8 X 5.0	4.10
10 x 4	250 X 100	9.27 X 6.02	8.50	6.6 X 4.5	-
10 x 5	250 X 125	9.27 X 6.55	8.60	6.6 X 4.5	-
10 x 6	250 X 150	9.27 X 7.11	8.90	6.6 X 5.0	6.70
10 x 8	250 X 200	9.27 X 8.18	9.80	6.6 X 5.8	6.70

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Nominal Pipe Size		SCH 40		SGP	
Inch	DN	Thickness (mm)	Weight (kg)	Thickness (mm)	Weight (kg)
1/2	15	2.77	-	2.80	0.12
3/4	20	2.87	0.13	2.80	0.17
1	25	3.38	0.23	3.20	0.32
1 1/4	32	3.56	0.42	3.50	0.56
1 1/2	40	3.68	0.78	3.50	0.78
2	50	3.91	1.15	3.80	1.16
2 1/2	65	5.16	2.12	4.20	1.94
3	80	5.49	3.02	4.20	2.55
4	100	6.02	4.75	4.50	4.27
5	125	6.55	7.53	4.50	6.17
6	150	7.11	10.50	5.00	9.32
8	200	8.18	22.80	5.80	17.50
10	250	9.27	40.40	6.60	29.70
12	300	10.31	56.10	6.90	32.00

## TEES



## REDUCING TEES



Nominal Pipe Size		SCH 40		SGP	
Inch	DN	Thickness (mm)	Weight (kg)	Thickness (mm)	Weight (kg)
2 1/2 x 1	65 X 25	5.16 X 3.38	1.86	4.2 X 3.2	1.70
2 1/2 x 1 1/4	65 X 32	5.16 X 3.56	1.80	4.2 X 3.5	1.80
2 1/2 x 1 1/2	65 X 40	5.16 X 3.68	1.89	4.2 X 3.5	1.90
2 1/2 x 2	65 X 50	5.16 X 3.91	2.00	4.2 X 3.8	1.90
3 x 1	80 X 25	5.49 X 3.38	2.60	4.2 X 3.2	2.10
3 x 1 1/4	80 X 32	5.49 X 3.56	2.65	4.2 X 3.5	2.20
3 x 1 1/2	80 X 40	5.49 X 3.68	2.67	4.2 X 3.5	2.30
3 x 2	80 X 50	5.49 X 3.91	2.76	4.2 X 3.8	2.30
3 x 2 1/2	80 X 65	5.49 X 5.16	2.89	4.2 X 4.2	2.40
4 x 1	100 X 25	6.02 X 3.38	4.00	4.5 X 3.2	3.80
4 x 1 1/4	100 X 32	6.02 X 3.56	4.20	4.5 X 3.5	3.80
4 x 1 1/2	100 X 40	6.02 X 3.68	4.22	4.5 X 3.5	3.80
4 x 2	100 X 50	6.02 X 3.91	4.32	4.5 X 3.8	4.00
4 x 2 1/2	100 X 65	6.02 X 5.16	4.36	4.5 X 4.2	4.00
4 x 3	100 X 80	6.02 X 5.49	4.42	4.5 X 4.2	4.00
6 x 2 1/2	150 X 65	7.11 X 5.16	9.51	5.0 X 4.2	8.50
6 x 3	150 X 80	7.11 X 5.49	9.56	5.0 X 4.2	8.70
6 x 4	150 X 100	7.11 X 6.02	9.70	5.0 X 4.5	9.00
6 x 5	150 X 125	7.11 X 6.55	9.88	5.0 X 4.5	9.00
8 x 3	200 X 80	8.18 X 5.49	19.00	5.8 X 4.2	-
8 x 4	200 X 100	8.18 X 6.02	20.50	5.8 X 4.5	16.50
8 x 5	200 X 125	8.18 X 6.55	19.50	5.8 X 4.5	16.50
8 x 6	200 X 150	8.18 X 7.11	19.90	5.8 X 5.0	17.00
10 x 3	250 X 80	9.27 X 5.49	34.00	6.6 X 4.2	-
10 x 4	250 X 100	9.27 X 6.02	34.00	6.6 X 4.5	-
10 x 5	250 X 125	9.27 X 6.55	35.00	6.6 X 4.5	-
10 x 6	250 X 150	9.27 X 7.11	35.00	6.6 X 5.0	28.00
10 x 8	250 X 200	9.27 X 8.18	36.00	6.6 X 5.8	28.00



## PT. TRI SINAR PURNAMA

Jl. Moch Ichan RT 001 / RW 001  
 Kel. Wates, Kec. Ngaliyan, Semarang 50188 Indonesia  
 Tel. +62 24 7628224 Fax. +62 24 7628223