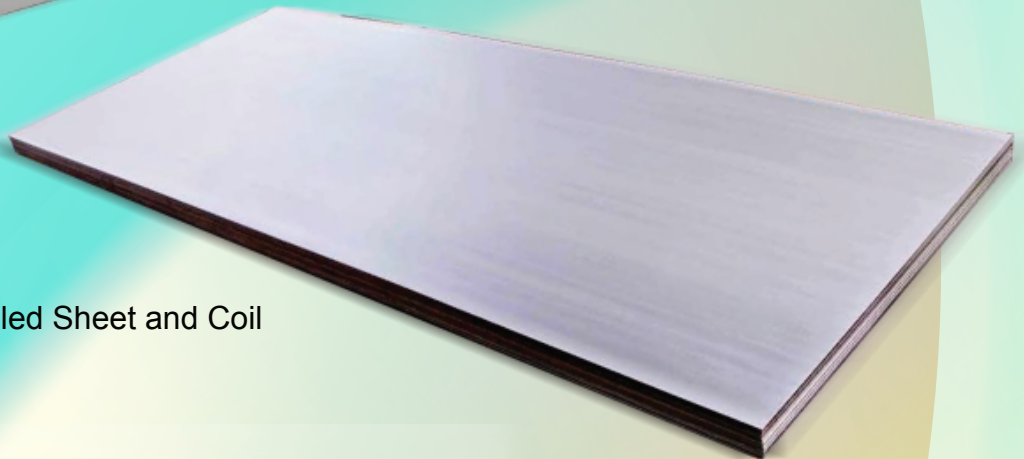


Stainless Steel Hot Rolled Sheet and Coil



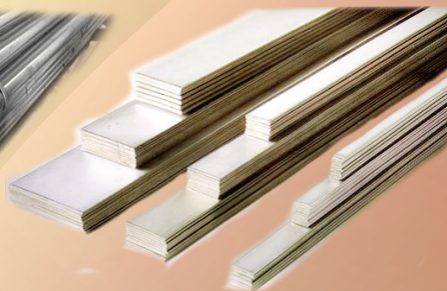
Stainless Steel Cold Rolled Sheet and Coil



Stainless Steel Quarto Plate



Welded Stainless Steel Exhaust Pipes



Stainless Steel Slit Edge Flat Bars



Stainless Steel Fittings SS 304



Welded Austenitic Stainless Steel Pipes



Welded Stainless Steel Mechanical / Ornamental Tubing

STANDARD STEEL SHEET / PIPES / ANGLE CHANNEL

WELDED STAINLESS STEEL EXHAUST PIPES



DIMENSION AND WEIGHTS

Outside Diameter (OD) (mm)	Weight (kg/m)		
	Nominal Wall Thickness (mm)		
	409 & 436		
	1.2	1.5	2.0
19.1	0.520	0.639	-
22.2	0.610	0.751	-
25.4	0.702	0.867	1.132
28.6	0.795	0.983	1.287
31.8	0.888	1.099	1.442
35.0	0.981	1.216	1.597
37.0	1.039	1.288	1.693
38.1	1.071	1.328	1.747
41.3	1.164	1.444	1.901
42.7	1.205	1.495	1.969
44.5	1.257	1.560	2.056
47.6	1.347	1.673	2.206
48.6	1.376	1.709	2.255
50.8	1.440	1.789	2.361
54.0	1.533	1.905	2.516
57.0	1.620	2.014	2.661
60.5	1.721	2.141	2.830
63.5	1.808	2.250	2.975
65.0	1.852	2.304	3.048
76.2	2.177	2.710	3.590
88.9	2.546	3.171	4.204
101.6	2.914	3.632	4.819

The above weight list is applicable for 409 grade only.

WELDED STAINLESS STEEL MECHANICAL / ORNAMENTAL TUBING



ASTM A554

DIMENSION AND WEIGHTS

ROUND TUBE (O.D.)					
Outside Diameter		Weight (kg/m)			
		Nominal Wall Thickness (mm)			
(inch)	(mm)	1.2	1.5	2.0	3.0
$\frac{3}{8}$	9.5	0.248	0.299	0.374	0.486
$\frac{1}{2}$	12.7	0.344	0.418	0.533	0.725
$\frac{5}{8}$	15.9	0.439	0.538	0.692	0.964
$\frac{3}{4}$	19.1	0.535	0.658	0.852	1.203
$\frac{7}{8}$	22.2	0.628	0.773	1.006	1.435
1	25.4	0.723	0.893	1.166	1.674
$1\frac{1}{8}$	28.6	0.819	1.013	1.325	1.913
$1\frac{1}{4}$	31.8	0.915	1.132	1.485	2.152
$1\frac{1}{2}$	38.1	1.103	1.368	1.799	2.623
$1\frac{5}{8}$	41.3	1.199	1.487	1.958	2.862
$1\frac{3}{4}$	44.5	1.294	1.607	2.117	3.101
2	50.8	1.483	1.842	2.431	3.572
$2\frac{1}{2}$	63.5	1.862	2.317	3.064	4.521
3	76.2	2.242	2.791	3.697	5.470
$3\frac{1}{2}$	88.9	2.622	3.266	4.329	6.419
4	101.6	3.001	3.740	4.962	7.368

WELDED STAINLESS STEEL MECHANICAL / ORNAMENTAL TUBING



SQUARE HOLLOW SECTION (SHS)						
Nominal Outside Dimension Across Flats		Weight (kg/m)				
		Nominal Wall Thickness (mm)				
(inch)	(mm)	1.0	1.2	1.5	2.0	3.0
½ x ½	12.7 x 12.7	0.369	0.436	0.531	0.677	-
⅝ x ⅝	15.9 x 15.9	0.471	0.558	0.683	0.880	-
¾ x ¾	19.1 x 19.1	0.572	0.680	0.836	1.083	-
⅞ x ⅞	22.2 x 22.2	0.671	0.798	0.983	1.280	-
1 x 1	25.4 x 25.4	0.772	0.919	1.135	1.483	-
1 ¼ x 1 ¼	31.8 x 31.8	0.975	1.163	1.440	1.889	-
1 ½ x 1 ½	38.1 x 38.1	1.175	1.403	1.740	2.288	-
2 x 2	50.8 x 50.8	1.578	1.886	2.344	3.094	-
3 x 3	76.2 x 76.2	-	2.853	3.552	4.705	6.963
4 x 4	101.6 x 101.6	-	-	-	6.317	9.380

The above weight - list is applicable for 304 grade only

RECTANGULAR HOLLOW SECTION (RHS)						
Nominal Outside Dimension Across Flats		Weight (kg/m) Nominal Wall Thickness (mm)				
		1.0	1.2	1.5	2.0	3.0
(inch)	(mm)	1.0	1.2	1.5	2.0	3.0
1 x ½	25.4 x 12.7	0.571	0.678	0.833	-	-
1 ½ x ¾	38.1 x 19.1	0.874	1.041	1.288	-	-
2 x 1	50.8 x 25.4	1.175	1.403	1.740	-	-
3 x 1 ¾	76.2 x 44.5	-	2.250	2.798	3.700	5.455
4 x 2	101.6 x 50.8	-	2.853	3.552	4.705	6.964

WELDED STAINLESS STEEL MECHANICAL / ORNAMENTAL TUBING



SURFACE FINISH

Item	Finish	Description
Round Tubes (O.D)	Mill Finish # 180 # 180 Hairline # 400 # 600	As Welded Buffed after polishing by # 180 Hairline finished after polishing by # 180 Buffed after polishing by # 400 Buffed after pilishing by # 600
Square Hollow Section (SHS)	Mill Finish # 180 Hairline # 400	As Welded Hairline finished after polishing by # 180 Buffed after polishing by # 400
Rectangular Hollow Section (RHS)	Mill Finish # 180 Hairline # 400	As Welded Hairline finished after polishing by # 180 Buffed after polishing by # 400

OUTSIDE DIAMETER TOLERANCE

^A Wall thickness tolerance $\pm 10\%$
of nominal wall thickness

Round Tubes (O.D)		
Outside Diameter (mm)	Wall Thickness ^A (mm)	Outside Diameter Tolerance (mm)
Under 12.7	0.51 to 1.24	± 0.10
12.7 to 25.4, incl.	0.51 to 1.65 Over 1.65 to 3.40	± 0.13 ± 0.25
Over 25.4 to 38.1, incl.	0.64 to 1.65 Over 1.65 to 3.40	± 0.20 ± 0.25
Over 38.1 to 50.8, incl.	0.64 to 1.24 Over 1.24 to 2.11 Over 2.11 to 3.78	± 0.25 ± 0.28 ± 0.30
Over 50.8 to 63.5, incl.	0.81 to 1.65 Over 1.65 to 2.77 Over 2.77 to 4.19	± 0.30 ± 0.33 ± 0.36
Over 63.5 to 88.9, incl.	0.81 to 4.19	± 0.36
Over 88.9 to 127.0, incl.	0.81 to 4.19	± 0.51

Square Hollow Section (SHS) / Rectangular Hollow Section (RHS)	
Largest Nominal Outside Dimension Across Flats (mm)	\pm mm, across Flats, Convexity or Concavity, incl.
To 31.8, incl.	0.38
Over 31.8 to 63.5, incl.	0.51
Over 63.5 to 139.7, incl	0.76

MAXIMUM RADII OF CORNERS (SQUARE / RECTANGULAR HOLLOW SECTION)

Wall Thickness (mm)	Radii of Corners, max, (mm)
Over 0.51 to 1.24, incl.	2.4
Over 1.24 to 1.65, incl.	3.2
Over 1.65 to 2.11, incl.	3.6
Over 2.11 to 2.42, incl.	4.8
Over 2.42 to 2.77, incl.	5.2
Over 2.77 to 3.40, incl.	5.6

WELDED AUSTENITIC STAINLESS STEEL PIPES



ASTM A 312 and ASTM A 778

DIMENSION AND WEIGHTS

Nominal Pipe Size (NPS) (inch)	Outside Diameter (OD) (mm)	Diameter Nominal (DN) (mm)	Schedule 10S			Schedule 40S		
			Nominal Wall Thickness (mm)	Weight (kg/m)		Nominal Wall Thickness (mm)	Weight (kg/m)	
				TP 304 / TP 304L	TP 316 / TP 316L		TP 304 / TP 304L	TP 316 / TP 316L
3/8	17.15	10	1.65	0.637	0.641	2.31	0.854	0.859
1/2	21.34	15	2.11	1.011	1.017	2.77	1.281	1.290
3/4	26.67	20	2.11	1.291	1.299	2.87	1.702	1.712
1	33.40	25	2.77	2.113	2.127	3.38	2.528	2.544
1 1/4	42.16	32	2.77	2.718	2.735	3.56	3.423	3.445
1 1/2	48.26	40	2.77	3.139	3.159	3.68	4.087	4.113
2	60.33	50	2.77	3.972	3.997	3.91	5.495	5.530
2 1/2	73.03	65	3.05	5.317	5.351	5.16	8.724	8.780
3	88.90	80	3.05	6.522	6.534	5.49	11.407	11.480
3 1/2	101.60	90	3.05	7.487	7.535	5.74	13.706	13.794
4	114.30	100	3.05	8.452	8.507	6.02	16.237	16.342
5	141.30	125	3.40	11.679	11.754	6.55	21.986	22.127
6	168.28	150	3.40	13.964	14.054	7.11	28.545	28.728
8	219.08	200	3.76	20.167	20.297	8.18	42.974	43.250
10	273.05	250	4.19	28.062	28.242	9.27	60.911	61.302
12	323.85	300	4.57	36.346	36.580	9.52	74.541	75.020

Permissible Variation In Dimension			
Dimension	NPS	Tolerance (mm)	
Outside Diameter (According To ASTM A999)	3/8" to 1 1/2"	+0.4, -0.8	
	2" to 4"	+0.8, -0.8	
	5" to 8"	+1.6, -0.8	
	10" to 12"	+2.4, -0.8	
Wall Thickness	For ASTM A312,		
	NPS Designator	Tolerance, % From Nominal	
		Over (+)	Under (-)
	1/8" to 2 1/2" incl. all t/D ratio	20.0	12.5
	3" to 18" incl.t/D up to 5%	22.5	12.5
3" to 18" incl.t/D > 5%	15.0	12.5	
Where t = Nominal Wall Thickness D = Nominal Outside Diameter Of Pipe For ASTM A778 Tolerance = ± 12.5% From Nominal			

WELDED AUSTENITIC STAINLESS STEEL PIPES



JIS G 3459

DIMENSION AND TOLERANCE

Nominal Pipe Size (inch)	Outside Diameter (OD) (mm)	Schedule 10S			Schedule 20S			Schedule 40S		
		Nominal Wall Thickness (mm)	Weight (kg/m)		Nominal Wall Thickness (mm)	Weight (kg/m)		Nominal Wall Thickness (mm)	Weight (kg/m)	
			TP 304 / TP 304L	TP 316 / TP 316L		TP 304 / TP 304L	TP 316 / TP 316L		TP 304 / TP 304L	TP 316 / TP 316L
3/8	17.3	1.65	0.643	0.647	2.00	0.762	0.767	2.30	0.859	0.865
1/2	21.7	2.10	1.025	1.032	2.50	1.196	1.203	2.80	1.318	1.327
3/4	27.2	2.10	1.313	1.321	2.50	1.538	1.548	2.90	1.755	1.767
1	34.0	2.80	2.176	2.190	3.00	2.317	2.332	3.40	2.592	2.608
1 1/4	42.7	2.80	2.783	2.801	3.00	2.967	2.986	3.60	3.506	3.529
1 1/2	48.6	2.80	3.194	3.215	3.00	3.408	3.430	3.70	4.138	4.165
2	60.5	2.80	4.024	4.050	3.50	4.970	5.001	3.90	5.499	5.534
2 1/2	76.3	3.00	5.478	5.513	3.50	6.347	6.388	5.20	9.210	9.269
3	89.1	3.00	6.434	6.476	4.00	8.479	8.534	5.50	11.454	11.527
3 1/2	101.6	3.00	7.368	7.416	4.00	9.725	9.787	5.70	13.617	13.704
4	114.3	3.00	8.317	8.371	4.00	10.990	11.061	6.00	16.187	16.290
5	139.8	3.40	11.552	11.626	5.00	16.789	16.897	6.60	21.899	22.040
6	165.2	3.40	13.703	13.792	5.00	19.953	20.081	7.10	27.962	28.141
8	216.3	4.00	21.154	21.289	6.50	33.970	34.188	8.20	42.507	42.780
10	267.4	4.00	26.245	26.414	6.50	42.244	42.515	9.30	59.792	60.176
12	318.5	4.50	35.198	35.424	6.50	50.517	50.842	10.30	79.076	79.584

Permissible Variation In Dimensions According To JIS G 3459		
Dimension	Nominal	Tolerance (mm)
Outside Diameter	< 30 mm	± 0.3 mm
	≥ 30 mm	± 1.0 %
Wall Thickness	< 2 mm	± 0.2 mm
	≥ 2 mm	± 10 %

WELDED AUSTENITIC STAINLESS STEEL PIPES



DIN 17457

DIMENSION AND WEIGHTS

Nominal Pipe Size (inch)	Outside Diameter (OD) (mm)	Weight (kg/m)									
		W . Nr . 1.4301/1.4306									
		Nominal Wall Thickness (mm)									
		1.50	1.60	2.00	2.30	2.60	2.90	3.05	3.20	3.60	4.00
3/8	17.2	0.587	0.622	0.757	0.854	0.946	1.033	1.075	1.116	1.220	1.315
1/2	21.3	0.740	0.785	0.962	1.089	1.211	1.329	1.387	1.443	1.587	1.724
3/4	26.9	0.949	1.008	1.241	1.409	1.574	1.734	1.812	1.889	2.089	2.282
1	33.7	1.203	1.279	1.579	1.799	2.014	2.225	2.329	2.431	2.699	2.959
1 1/4	42.4	1.528	1.626	2.013	2.297	2.578	2.853	2.990	3.125	3.479	3.826
1 1/2	48.3	1.749	1.861	2.307	2.635	2.960	3.280	3.438	3.595	4.009	4.414
2	60.3	2.197	2.340	2.905	3.323	3.737	4.147	4.350	4.552	5.085	5.610
2 1/2	76.1	2.787	2.969	3.692	4.228	4.760	5.288	5.550	5.811	6.502	7.184
3	88.9	3.266	3.479	4.329	4.962	5.589	6.213	6.522	6.831	7.649	8.459
4	114.3	4.215	4.492	5.595	6.417	7.234	8.047	8.452	8.856	9.927	10.990

Nominal Pipe (NPS) (inch)	Outside Diameter (OD) (mm)	Weight (kg/m)									
		W . Nr . 1.4401/1.4404									
		Nominal Wall Thickness (mm)									
		1.50	1.60	2.00	2.30	2.60	2.90	3.05	3.20	3.60	4.00
3/8	17.2	0.590	0.626	0.762	0.859	0.952	1.040	1.082	1.123	1.227	1.324
1/2	21.3	0.745	0.790	0.968	1.096	1.219	1.338	1.395	1.452	1.597	1.735
3/4	26.9	0.955	1.015	1.248	1.418	1.584	1.745	1.824	1.901	2.103	2.296
1	33.7	1.211	1.288	1.589	1.811	2.027	2.239	2.344	2.447	2.717	2.978
1 1/4	42.4	1.538	1.637	2.026	2.312	2.594	2.872	3.009	3.145	3.502	3.851
1 1/2	48.3	1.760	1.873	2.321	2.652	2.979	3.301	3.460	3.618	4.034	4.442
2	60.3	2.211	2.355	2.923	3.344	3.761	4.173	4.378	4.581	5.117	5.646
2 1/2	76.1	2.805	2.988	3.715	4.255	4.791	5.322	5.586	5.848	6.543	7.230
3	88.9	3.287	3.502	4.357	4.993	5.625	6.252	6.564	6.875	7.698	8.514
4	114.3	4.242	4.521	5.631	6.458	7.281	8.099	8.507	8.913	9.997	11.061

Permissible Variation In Dimensions According To DIN 2463	
Outside Diameter Tolerance	D1 = ±1.50%, with minimum of ±0.75 mm D2 = ±1.00%, with minimum of ±0.50 mm D3 = ±0.75%, with minimum of ±0.30 mm
Wall Thickness Tolerance	T1 = ±15.0% T2 = ±12.5% T3 = +10.0%

STAINLESS STEEL SLIT EDGE FLAT BARS



ASTM A276 DIMENSION AND WEIGHTS

Nominal Width (mm)	Weight (kg/m)									
	AISI 304 / 304L					AISI 316 / 3164L				
	Nominal Wall Thickness (mm)					Nominal Wall Thickness (mm)				
	3.0	4.0	4.5	5.0	6.0	3.0	4.0	4.5	5.0	6.0
12.0	0.285	0.381	0.428	0.476	0.571	0.287	0.383	0.431	0.479	0.575
16.0	0.381	0.508	0.571	0.634	0.761	0.383	0.511	0.575	0.638	0.766
20.0	0.476	0.634	0.714	0.793	0.952	0.479	0.638	0.718	0.798	0.958
25.0	0.595	0.793	0.892	0.991	1.190	0.599	0.798	0.898	0.998	1.197
30.0	0.714	0.952	1.071	1.190	1.427	0.718	0.958	1.077	1.197	1.436
38.0	0.904	1.205	1.356	1.507	1.808	0.910	1.213	1.365	1.516	1.819
40.0	0.952	1.269	1.427	1.586	1.903	0.958	1.277	1.436	1.596	1.915
50.0	1.190	1.586	1.784	1.983	2.379	1.197	1.596	1.796	1.995	2.394
60.0	1.427	1.903	2.141	2.379	2.855	1.436	1.915	2.155	2.394	2.873
65.0	1.546	2.062	2.320	2.577	3.093	1.556	2.075	2.334	2.594	3.112
75.0	1.784	2.379	2.676	2.974	3.569	1.796	2.394	2.693	2.993	3.591
100.0	2.379	3.172	3.569	3.965	4.758	2.394	3.192	3.591	3.990	4.788
125.0	2.974	3.965	4.461	4.956	5.948	2.993	3.990	4.489	4.988	5.985
150.0	3.569	4.758	5.353	5.948	7.137	3.591	4.788	5.387	5.985	7.182

Permissible Variation In Dimensions According To ASTM A484	
Dimension	Tolerance
Wall Thickness	
over 2.90 to 3.30, incl.	+ 0.25 mm, -0.25 mm
over 3.30 to 3.70, incl.	+ 0.30 mm, -0.30 mm
over 3.70 to 4.80, excl.	+ 0.35 mm, -0.35 mm
4.80 to 9.00, excl.	+ 1.25 mm, -0.25 mm
Width	+ 2.4 mm, -0.8 mm

MECHANICAL PROPERTIES OF PRODUCTS



MECHANICAL PROPERTIES

Standard Specification	Type of Grades Available	Tensile Strength (N/mm ²)	Yield Strength (N/mm ²)	Elongation (%) in 2 inch or 50mm
ASTM A312	TP 304	515	205	35
	TP 304L	485	170	35
	TP 316	515	205	35
	TP 316L	485	170	35
ASTM A778	TP 304L	485	170	35
	TP 316L	485	170	35
ASTM A403	WP 304	515	205	28
	WP 304L	485	170	28
	WP 316	515	205	28
	WP 316L	485	170	28
ASTM A554	MT 304	515	205	35
	MT 304L	485	170	35
	MT 316	515	205	35
	MT 316L	485	170	35
ASTM A276	AISI 304	515	205	35
	AISI 304L	485	170	35
	AISI 316	515	205	35
	AISI 316L	485	170	35
JIS G 3459	SUS 304 TP	520	206	35
	SUS 304L TP	481	177	35
	SUS 316 TP	520	206	35
	SUS 316L TP	481	177	35
Exhaust Pipe	409	380	205	20
	436	380	205	20
JIS B 2312	SUS 304	520	206	35
	SUS 304L	481	177	35
	SUS 316	520	206	35
	SUS 316L	481	177	35
JIS B 2313	SUS 304 W	520	206	35
	SUS 304L W	481	177	35
	SUS 316 W	520	206	35
	SUS 316L W	481	177	35

ASTM A312 INDUSTRIAL PIPE HYDROSTATIC TEST PRESSURE

Nominal Pipe Size (NPS) (inch)	Outside Diameter (OD) (mm)	TEST PRESSURE					
		SCH10S 304 / 304L / 316 / 316L			SCH40S 304 / 304L / 316 / 316L		
		Wall Thickness	PSI	Bar	Wall Thickness	PSI	Bar
3/8	17.15	1.65	2,500	172.4	2.31	2,500	172.4
1/2	21.34	2.11	2,500	172.4	2.77	2,500	172.4
3/4	26.67	2.11	2,400	165.5	2.87	2,500	172.4
1	33.40	2.77	2,500	172.4	3.38	2,500	172.4
1 1/4	42.16	2.77	2,000	137.9	3.56	2,500	172.4
1 1/2	48.26	2.77	1,800	124.1	3.68	2,300	158.6
2	60.33	2.77	1,400	96.5	3.91	2,000	137.9
2 1/2	73.03	3.05	1,300	89.6	5.16	2,200	151.7
3	88.90	3.05	1,100	75.8	5.49	1,900	131.0
3 1/2	101.60	3.05	900	62.1	5.74	1,700	117.2
4	114.30	3.05	800	55.2	6.02	1,600	110.3
5	141.30	3.40	750	51.7	6.55	1,400	96.5
6	168.28	3.40	650	44.8	7.11	1,300	89.6
8	219.08	3.76	550	37.9	8.18	1,200	82.7
10	273.05	4.19	500	34.5	9.27	1,100	75.8
12	323.85	4.57	450	31.0	9.52	900	62.1

Hydrostatic test pressure are in accordance to ASTM A999

Conversion Factor

1 PSI = 0.0689 Bar
 1 PSI = 0.00689 Mpa
 1 Bar = 0.1 Mpa
 1 Bar = 14.504 PSI
 1 Mpa = 10 Bars
 1 Mpa = 145.038 PSI

MECHANICAL PROPERTIES OF PRODUCTS



CHEMICAL COMPOSITION

Chemical Composition (%) - Weight.									
Standard Specification	Type of Grades Available	Carbon (max)	Manganese (max)	Phosphorous (max)	Sulfur (max)	Silicon (max)	Nickel	Chromium	Molybdenum
ASTM A312	TP 304L	0.080	2.00	0.045	0.030	1.00	8.00-11.00	18.00-20.00	-
	TP 304L	0.035	2.00	0.045	0.030	1.00	8.00-13.00	18.00-20.00	-
	TP 316	0.080	2.00	0.045	0.030	1.00	10.00-14.00	16.00-18.00	2.00-3.00
	TP 316L	0.035	2.00	0.045	0.030	1.00	10.00-14.00	16.00-18.00	2.00-3.00
ASTM A778	TP 304L	0.030	2.00	0.045	0.030	1.00	8.00-13.00	18.00-20.00	-
	TP 316L	0.030	2.00	0.045	0.030	1.00	10.00-14.00	16.00-18.00	2.00-3.00
ASTM A403	WP 304	0.080	2.00	0.045	0.030	1.00	8.00-11.00	18.00-20.00	-
	WP 304L	0.030	2.00	0.045	0.030	1.00	8.00-12.00	18.00-20.00	-
	WP 316	0.080	2.00	0.045	0.030	1.00	10.00-14.00	16.00-18.00	2.00-3.00
	WP 316L	0.030	2.00	0.045	0.030	1.00	10.00-14.00	16.00-18.00	2.00-3.00
ASTM A554	MT-304	0.080	2.00	0.040	0.030	1.00	8.00-11.00	18.00-20.00	-
	MT-304L	0.035	2.00	0.040	0.030	1.00	8.00-13.00	18.00-20.00	-
	MT-316	0.080	2.00	0.040	0.030	1.00	10.00-14.00	16.00-18.00	2.00-3.00
	MT-316L	0.035	2.00	0.040	0.030	1.00	10.00-15.00	16.00-18.00	2.00-3.00
ASTM A276	AISI 304	0.080	2.00	0.045	0.030	1.00	8.00-11.00	18.00-20.00	-
	AISI 304L	0.030	2.00	0.045	0.030	1.00	8.00-12.00	18.00-20.00	-
	AISI 316	0.080	2.00	0.045	0.030	1.00	10.00-14.00	16.00-18.00	2.00-3.00
	AISI 316L	0.030	2.00	0.045	0.030	1.00	10.00-14.00	16.00-18.00	2.00-3.00
JIS G3459	SUS 304 TP	0.080	2.00	0.040	0.030	1.00	8.00-11.00	18.00-20.00	-
	SUS 304L TP	0.030	2.00	0.040	0.030	1.00	9.00-13.00	18.00-20.00	-
	SUS 316 TP	0.080	2.00	0.040	0.030	1.00	10.00-14.00	16.00-18.00	2.00-3.00
	SUS 316 TP	0.030	2.00	0.040	0.030	1.00	12.00-16.00	16.00-18.00	2.00-3.00
Exhaust Pipe	409	0.080	1.00	0.045	0.045	1.00	0.50 (max)	10.50-11.75	-
	436	0.120	1.00	0.040	0.030	1.00	-	16.00-18.00	0.75-1.25
JIS B2312	SUS 304	0.080	2.00	0.040	0.030	1.00	8.00-11.00	18.00-20.00	-
	SUS 304L	0.030	2.00	0.040	0.030	1.00	9.00-13.00	18.00-20.00	-
	SUS 316	0.080	2.00	0.040	0.030	1.00	10.00-14.00	16.00-18.00	2.00-3.00
	SUS 316L	0.030	2.00	0.040	0.030	1.00	12.00-16.00	16.00-18.00	2.00-3.00
JIS B2313	SUS 304 W	0.080	2.00	0.040	0.030	1.00	8.00-11.00	18.00-20.00	-
	SUS 304L W	0.030	2.00	0.040	0.030	1.00	9.00-13.00	18.00-20.00	-
	SUS 316 W	0.080	2.00	0.040	0.030	1.00	10.00-14.00	16.00-18.00	2.00-3.00
	SUS 316L W	0.030	2.00	0.040	0.030	1.00	12.00-16.00	16.00-18.00	2.00-3.00
DIN 2463	W.Nr. 1.4301	0.070	2.00	0.045	0.030	1.00	8.50-10.50	17.00-19.00	-
	W.Nr. 1.4306	0.030	2.00	0.045	0.030	1.00	10.00-12.50	18.00-20.00	-
	W.Nr. 1.4401	0.070	2.00	0.045	0.030	1.00	10.50-13.50	16.50-18.50	2.00-2.50
	W.Nr. 1.4404	0.030	2.00	0.045	0.030	1.00	11.00-14.00	16.50-18.50	2.00-2.50
DIN 2463	TS Z 6 CN 18-09	0.070	2.04	0.045	0.035	1.05	8.00-11.10	17.00-20.20	-
	TS Z 2 CN 18-10	0.030	2.04	0.045	0.035	1.05	9.00-12.50	17.00-20.20	-
	TS Z 6 CND 17-11	0.070	2.04	0.045	0.035	1.05	10.00-12.65	16.00-18.20	1.90-2.50
	TS Z 2 CND 17-12	0.030	2.04	0.045	0.035	1.05	10.50-13.15	16.00-18.20	1.90-2.50

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED PIPE ASTM / ASME A / SA312 TP304 / 304L (6 MTR)

SCH 10S						
Nominal Size		OD (mm)	Thickness (mm)	Weight (kg/lgth)	Length / Bundle	Price / Length (RM)
15	1/2"	21.3	2.11	6.06	169	124.00
20	3/4"	26.7	2.11	7.86	127	156.00
25	1"	33.4	2.77	12.78	91	248.00
32	1 1/4"	42.2	2.77	16.56	61	315.00
40	1 1/2"	48.3	2.77	18.66	61	361.00
50	2"	60.3	2.77	24.06	37	456.00
65	2 1/2"	73.0	3.05	32.16	19	615.00
80	3"	88.9	3.05	39.54	19	749.00
90	3 1/2"	101.6	3.05	45.30	19	890.00
100	4"	114.3	3.05	51.12	10	970.00
125	5"	141.3	3.40	70.92	10	1450.00
150	6"	168.3	3.40	84.78	5	1700.00
200	8"	219.1	3.76	122.22	5	2460.00
250	10"	273.1	4.19	170.04	2	3500.00
300	12"	323.9	4.57	220.38	2	4550.00
350	14"	355.6	4.78	252.84	1	5700.00
400	16"	406.4	4.78	289.56	1	6550.00

*Chemical Composition (%):

	Carbon	Manganese	Phosphorus	Sulfur	Silicon	Chromium	Nickel	Molybdenum
304/304L	0.03	2.00	0.045	0.030	1.00	18.0-20.0	8.0-11.0	-

*Mechanical Properties :

	Tensile Strength	Yield Strength
304/304L	515 MPa	205 MPa

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED PIPE ASTM / ASME A / SA312 TP304 / 304L (6 MTR)

SCH 40						
Nominal Size		OD (mm)	Thickness (mm)	Weight (kg/lgth)	Length / Bundle	Price / Length (RM)
15	1/2"	21.3	2.77	7.80	169	169.00
20	3/4"	26.7	2.87	10.26	127	220.00
25	1"	33.4	3.38	15.30	91	326.00
32	1 1/4"	42.2	3.56	20.76	61	395.00
40	1 1/2"	48.3	3.68	24.78	61	469.00
50	2"	60.3	3.91	33.24	37	630.00
65	2 1/2"	73.0	5.16	52.86	19	1009.00
80	3"	88.9	5.49	69.12	19	1374.00
90	3 1/2"	101.6	5.74	81.42	19	1684.00
100	4"	114.3	6.02	98.40	10	1983.00
125	5"	141.3	6.55	133.20	10	3050.00
150	6"	168.3	7.11	172.98	5	3760.00
200	8"	219.1	8.18	260.34	5	5900.00
250	10"	273.1	9.27	369.12	2	9000.00
300	12"	323.9	9.53	451.92	2	11000.00
350	14"	355.6	9.53	487.98	1	13000.00
400	16"	406.4	9.53	559.62	1	15000.00

*Chemical Composition (%):

	Carbon	Manganese	Phosphorus	Sulfur	Silicon	Chromium	Nickel	Molybdenum
304/304L	0.03	2.00	0.045	0.030	1.00	18.0-20.0	8.0-11.0	-

*Mechanical Properties :

	Tensile Strength	Yield Strength
304/304L	515 MPa	205 MPa

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED PIPE ASTM / ASME A / SA312 TP316 / 316L (6 MTR)

SCH 10						
Nominal Size		OD (mm)	Thickness (mm)	Weight (kg/lgth)	Length / Bundle	Price / Length (RM)
15	1/2"	21.3	2.11	6.06	169	180.00
20	3/4"	26.7	2.11	7.86	127	230.00
25	1"	33.4	2.77	12.78	91	347.00
32	1 1/4"	42.2	2.77	16.56	61	404.00
40	1 1/2"	48.3	2.77	18.66	61	475.00
50	2"	60.3	2.77	24.06	37	585.00
65	2 1/2"	73.0	3.05	32.16	19	789.00
80	3"	88.9	3.05	39.54	19	965.00
90	3 1/2"	101.6	3.05	45.30	19	1113.00
100	4"	114.3	3.05	51.12	10	1260.00
125	5"	141.3	3.40	70.92	10	1880.00
150	6"	168.3	3.40	84.78	5	2170.00
200	8"	219.1	3.76	122.22	5	3280.00
250	10"	273.1	4.19	170.04	2	4700.00
300	12"	323.9	4.57	220.38	2	6100.00
350	14"	355.6	4.78	252.84	1	7500.00
400	16"	406.4	4.78	289.56	1	8600.00

*Chemical Composition (%):

	Carbon	Manganese	Phosphorus	Sulfur	Silicon	Chromium	Nickel	Molybdenum
316/316L	0.03	2.00	0.045	0.030	1.00	16.0-18.0	10.0-14.0	2.0-3.0

*Mechanical Properties :

	Tensile Strength	Yield Strength
304/304L	515 MPa	205 MPa

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED PIPE ASTM / ASME A / SA312 TP316 / 316L (6 MTR)

SCH 40						
Nominal Size		OD (mm)	Thickness (mm)	Weight (kg/lgth)	Length / Bundle	Price / Length (RM)
15	1/2"	21.3	2.77	7.80	169	205.00
20	3/4"	26.7	2.87	10.26	127	273.00
25	1"	33.4	3.38	15.30	91	394.00
32	1 1/4"	42.2	3.56	20.76	61	508.00
40	1 1/2"	48.3	3.68	24.78	61	599.00
50	2"	60.3	3.91	33.24	37	820.00
65	2 1/2"	73.0	5.16	52.86	19	1308.00
80	3"	88.9	5.49	69.12	19	1718.00
90	3 1/2"	101.6	5.74	81.42	19	2105.00
100	4"	114.3	6.02	98.40	10	2479.00
125	5"	141.3	6.55	133.20	10	3790.00
150	6"	168.3	7.11	172.98	5	4700.00
200	8"	219.1	8.18	260.34	5	7340.00
250	10"	273.1	9.27	369.12	2	11000.00
300	12"	323.9	9.53	451.92	2	13500.00
350	14"	355.6	9.53	487.98	1	15500.00
400	16"	406.4	9.53	559.62	1	18000.00

*Chemical Composition (%):

	Carbon	Manganese	Phosphorus	Sulfur	Silicon	Chromium	Nickel	Molybdenum
316/316L	0.03	2.00	0.045	0.030	1.00	16.0-18.0	10.0-14.0	2.0-3.0

*Mechanical Properties :

	Tensile Strength	Yield Strength
304/304L	515 MPa	205 MPa

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED FITTINGS ASTM / ASME A / SA403 90D LONG RADIUS ELBOW

WP304 / 304L

Nominal Size		OD (mm)	SCH 10S			SCH 40S		
			Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)	Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)
15	1/2"	21.3	2.11	0.06	7.50	2.77	0.08	11.00
20	3/4"	26.7	2.11	0.08	8.00	2.87	0.10	11.50
25	1"	33.4	2.77	0.13	9.00	3.38	0.15	12.00
32	1 1/4"	42.2	2.77	0.21	14.00	3.56	0.26	21.00
40	1 1/2"	48.3	2.77	0.28	15.00	3.68	0.37	22.00
50	2"	60.3	2.77	0.48	23.00	3.91	0.65	32.00
65	2 1/2"	73.0	3.05	0.81	42.00	5.16	1.37	78.00
80	3"	88.9	3.05	1.14	53.00	5.49	2.04	94.00
100	4"	114.3	3.05	1.97	90.00	6.02	3.84	175.00
125	5"	141.3	3.40	3.42	170.00	6.55	6.48	330.00
150	6"	168.3	3.40	4.87	220.00	7.11	9.94	450.00
200	8"	219.1	3.76	10.00	450.00	8.18	20.10	950.00
250	10"	273.0	4.19	15.50	830.00	9.27	35.40	2275.00
300	12"	323.8	4.57	25.80	1600.00	9.52	53.00	3857.00

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED FITTINGS ASTM / ASME A / SA403 45D LONG RADIUS ELBOW

WP304 / 304L

Nominal Size		OD (mm)	SCH 10S			SCH 40S		
			Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)	Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)
15	1/2"	21.3	2.11	0.03	7.00	2.77	0.04	10.00
20	3/4"	26.7	2.11	0.04	7.00	2.87	0.05	11.00
25	1"	33.4	2.77	0.06	8.00	3.38	0.08	11.00
32	1 1/4"	42.2	2.77	0.10	13.00	3.56	0.13	19.00
40	1 1/2"	48.3	2.77	0.14	14.00	3.68	0.18	20.00
50	2"	60.3	2.77	0.24	21.00	3.91	0.33	28.00
65	2 1/2"	73.0	3.05	0.41	37.00	5.16	0.68	68.00
80	3"	88.9	3.05	0.57	47.00	5.49	1.02	82.00
100	4"	114.3	3.05	0.99	79.00	6.02	1.92	153.00
125	5"	141.3	3.40	1.71	148.00	6.55	3.24	288.00
150	6"	168.3	3.40	2.43	192.00	7.11	4.97	392.00
200	8"	219.1	3.76	5.01	392.00	8.18	10.10	827.00
250	10"	273.0	4.19	7.77	723.00	9.27	17.70	1980.00
300	12"	323.8	4.57	12.90	1392.00	9.52	26.50	3356.00

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED FITTINGS ASTM / ASME A / SA403 90D SHORT RADIUS ELBOW

WP304 / 304L

Nominal Size		OD (mm)	SCH 10S			SCH 40S		
			Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)	Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)
50	2"	60.3	2.77	0.24	21.00	3.91	0.33	29.00
65	2 1/2"	73.0	3.05	0.41	38.00	5.16	0.68	70.50
80	3"	88.9	3.05	0.57	48.00	5.49	1.02	85.00
100	4"	114.3	3.05	0.99	81.00	6.02	1.92	157.50
125	5"	141.3	3.40	1.71	153.00	6.55	3.24	297.00
150	6"	168.3	3.40	2.43	198.00	7.11	4.97	405.00
200	8"	219.1	3.76	5.01	405.00	8.18	10.10	855.00
250	10"	273.0	4.19	7.77	802.00	9.27	17.70	2175.00
300	12"	323.8	4.57	12.90	1440.00	9.52	26.50	3471.50

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED FITTINGS ASTM / ASME A / SA403 EQUAL TEE

WP304 / 304L

Nominal Size		OD (mm)	SCH 10S			SCH 40S		
			Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)	Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)
15	1/2"	21.3	2.11	0.09	31.00	2.77	0.18	40.00
20	3/4"	26.7	2.11	0.13	32.50	2.87	0.26	42.00
25	1"	33.4	2.77	0.22	34.00	3.38	0.26	44.00
32	1 1/4"	42.2	2.77	0.36	36.00	3.56	0.46	52.00
40	1 1/2"	48.3	2.77	0.50	37.00	3.68	0.65	53.00
50	2"	60.3	2.77	0.68	44.00	3.91	0.89	64.00
65	2 1/2"	73.0	3.05	1.20	68.00	5.16	1.98	132.00
80	3"	88.9	3.05	1.57	82.00	5.49	2.61	152.00
100	4"	114.3	3.05	2.46	130.00	6.02	4.76	265.00
125	5"	141.3	3.40	4.04	250.00	6.55	7.84	480.00
150	6"	168.3	3.40	5.50	290.00	7.11	9.54	580.00
200	8"	219.1	3.76	11.07	580.00	8.18	19.56	1320.00
250	10"	273.0	4.19	19.87	1272.00	9.27	30.80	2615.00
300	12"	323.8	4.57	27.86	2010.50	9.52	44.30	4119.50

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED FITTINGS ASTM / ASME A / SA403 REDUCING TEE

WP304 / 304L

Nominal Size		OD (mm)	SCH 10S			SCH 40S		
			Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)	Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)
20 x 15	3/4" x 1/2"	26.7 x 21.3	2.11 x 2.11	0.08	35.00	2.87 x 2.77	0.12	45.00
25 x 15	1" x 1/2"	33.4 x 21.3	2.77 x 2.11	0.19	36.00	3.38 x 2.77	0.22	47.00
25 x 20	1" x 3/4"	33.4 x 26.7	2.77 x 2.11	0.19	36.00	3.38 x 2.87	0.23	47.00
32 x 20	1 1/4" x 3/4"	42.2 x 26.7	2.77 x 2.11	0.29	38.00	3.56 x 2.87	0.37	55.00
32 x 25	1 1/4" x 1"	42.2 x 33.4	2.77 x 2.77	0.31	38.00	3.56 x 3.38	0.39	55.00
40 x 20	1 1/2" x 3/4"	48.3 x 26.7	2.77 x 2.11	0.40	39.00	3.68 x 2.87	0.52	56.00
40 x 25	1 1/2" x 1"	48.3 x 33.4	2.77 x 2.77	0.42	39.00	3.68 x 3.38	0.55	56.00
40 x 32	1 1/2" x 1 1/4"	48.3 x 42.2	2.77 x 2.77	0.44	39.00	3.68 x 3.56	0.57	56.00
50 x 25	2" x 1"	60.3 x 33.4	2.77 x 2.77	0.54	47.00	3.91 x 3.38	0.74	68.00
50 x 32	2" x 1 1/4"	60.3 x 42.2	2.77 x 2.77	0.57	47.00	3.91 x 3.56	0.80	68.00
50 x 40	2" x 1 1/2"	60.3 x 48.3	2.77 x 2.77	0.59	47.00	3.91 x 3.68	0.83	68.00
65 x 40	2 1/2" x 1 1/2"	73.0 x 48.3	3.05 x 2.77	0.90	72.00	5.16 x 3.68	1.49	139.00
65 x 50	2 1/2" x 2"	73.0 x 60.3	3.05 x 2.77	0.94	72.00	5.16 x 3.91	1.53	139.00
80 x 40	3" x 1 1/2"	88.9 x 48.3	3.05 x 2.77	1.19	87.00	5.49 x 3.68	2.05	160.00
80 x 50	3" x 2"	88.9 x 60.3	3.05 x 2.77	1.19	87.00	5.49 x 3.91	2.16	160.00
80 x 65	3" x 2 1/2"	88.9 x 73.0	3.05 x 3.05	1.31	87.00	5.49 x 5.16	2.29	160.00
100 x 50	4" x 2"	114.3 x 60.3	3.05 x 2.77	1.88	137.00	6.02 x 3.91	3.52	279.00
100 x 65	4" x 2 1/2"	114.3 x 73.0	3.05 x 3.05	1.95	137.00	6.02 x 5.16	3.70	279.00

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED FITTINGS ASTM / ASME A / SA403 REDUCING TEE

WP304 / 304L

Nominal Size		OD (mm)	SCH 10S			SCH 40S		
			Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)	Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)
100 x 80	4" x 3"	114.3 x 88.9	3.05 x 3.05	2.02	137.00	6.02 X 5.49	3.83	279.00
125 x 65	5" x 2 1/2"	141.3 x 73.0	3.4 x 3.05	3.00	264.00	6.55 X 5.16	5.00	506.00
125 x 80	5" x 3"	141.3 x 88.9	3.4 x 3.05	3.13	264.00	6.55 X 5.49	5.85	506.00
125 x 100	5" x 4"	141.3 x 114.3	3.4 x 3.05	3.25	264.00	6.55 X 6.02	6.14	506.00
150 x 80	6" x 3"	168.3 x 88.9	3.4 x 3.05	4.21	306.00	7.11 X 5.49	8.52	611.00
150 x 100	6" x 4"	168.3 x 114.3	3.4 x 3.05	4.34	306.00	7.11 X 6.02	8.81	611.00
150 x 125	6" x 5"	168.3 x 141.3	3.4 x 3.4	4.56	306.00	7.11 X 6.55	9.21	611.00
200 x 100	8" x 4"	219.1 x 114.3	3.76 x 3.05	7.48	611.00	8.18 X 6.02	15.90	1390.00
200 x 125	8" x 5"	219.1 x 141.3	3.76 x 3.4	7.70	611.00	8.18 X 6.55	16.30	1390.00
200 x 150	8" x 6"	219.1 x 168.3	3.76 x 3.4	7.91	611.00	8.18 X 7.11	16.80	1390.00
250 x 100	10" x 4"	273.1 x 114.3	9.27 x 6.02	10.35	1339.00	9.27 X 6.02	26.98	2753.00
250 x 125	10" x 5"	273.1 x 141.3	9.27 x 6.55	12.60	1339.00	9.27 X 6.55	27.10	2753.00
250 x 150	10" x 6"	273.1 x 168.3	9.27 x 7.11	12.80	1339.00	9.27 X 7.11	27.60	2753.00
250 x 200	10" x 8"	273.1 x 219.1	9.27 x 8.18	13.30	1339.00	9.27 X 8.18	28.90	2753.00
300 x 150	12" x 6"	323.8 x 168.3	9.53 x 7.11	19.10	2117.00	9.53 X 7.11	39.10	4337.00
300 x 200	12" x 8"	323.8 x 219.1	9.53 x 8.18	19.60	2117.00	9.53 X 8.18	40.30	4337.00
300 x 250	12" x 10"	328.8 x 273.1	9.53 x 9.27	20.50	2117.00	9.53 X 9.27	42.30	4337.00

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED FITTINGS ASTM / ASME A / SA403 CONCENTRIC REDUCER

WP304 / 304L

Nominal Size		OD (mm)	SCH 10S			SCH 40S		
			Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)	Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)
20 x 15	3/4" x 1/2"	26.7 x 21.3	2.11 x 2.11	0.09	7.50	2.87 x 2.77	0.11	9.50
25 x 15	1" x 1/2"	33.4 x 21.3	2.77 x 2.11	0.09	8.00	3.38 x 2.77	0.11	10.00
25 x 20	1" x 3/4"	33.4 x 26.7	2.77 x 2.11	0.10	8.00	3.38 x 2.87	0.12	10.00
32 x 15	1 1/4" x 1/2"	42.2 x 21.3				3.56 x 2.77	0.12	16.70
32 x 20	1 1/4" x 3/4"	42.2 x 26.7	2.77 x 2.11	0.12	12.00	3.56 x 2.87	0.13	15.00
32 x 25	1 1/4" x 1"	42.2 x 33.4	2.77 x 2.77	0.13	12.00	3.56 x 3.38	0.16	15.00
40 x 15	1 1/2" x 1/2"	48.3 x 21.3				3.68 x 2.77	0.20	19.00
40 x 20	1 1/2" x 3/4"	48.3 x 26.7				3.68 x 2.87	0.21	18.00
40 x 25	1 1/2" x 1"	48.3 x 33.4	2.77 x 2.77	0.17	12.00	3.68 x 3.38	0.22	16.00
40 x 32	1 1/2" x 1 1/4"	48.3 x 42.2	2.77 x 2.77	0.20	12.00	3.68 x 3.56	0.26	16.00
50 x 20	2" x 3/4"	60.3 x 26.7				3.91 x 2.87	0.30	23.00
50 x 25	2" x 1"	60.3 x 33.4				3.91 x 3.38	0.32	23.00
50 x 32	2" x 1 1/4"	60.3 x 42.2	2.77 x 2.77	0.26	16.00	3.91 x 3.56	0.35	20.00
50 x 40	2" x 1 1/2"	60.3 x 48.3	2.77 x 2.77	0.27	16.00	3.91 x 3.68	0.37	20.00
65 x 25	2 1/2" x 1"	73.0 x 33.4				5.16 x 3.38	0.63	48.30
65 x 32	2 1/2" x 1 1/4"	73.0 x 42.2				5.16 x 3.56	0.64	43.20
65 x 40	2 1/2" x 1 1/2"	73.0 x 48.3	3.05 x 2.77	0.40	23.00	5.16 x 3.68	0.66	39.00
65 x 50	2 1/2" x 2"	73.0 x 60.3	3.05 x 2.77	0.43	23.00	5.16 x 3.91	0.68	39.00

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED FITTINGS ASTM / ASME A / SA403 CONCENTRIC REDUCER

WP304 / 304L

Nominal Size		OD (mm)	SCH 10S			SCH 40S		
			Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)	Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)
80 x 25	3" x 1"	88.9 x 33.4				5.49 x 3.38	0.72	65.00
80 x 32	3" x 1 1/4"	88.9 x 42.2				5.49 x 3.56	0.77	67.50
80 x 40	3" x 1 1/2"	88.9 x 48.3				5.49 x 3.68	0.78	48.50
80 x 50	3" x 2"	88.9 x 60.3	3.05 x 2.77	0.48	29.00	5.49 x 3.91	0.85	49.00
80 x 65	3" x 2 1/2"	88.9 x 73.0	3.05 x 3.05	0.55	29.00	5.49 x 5.16	0.98	49.00
100 x 50	4" x 2"	114.3 x 60.3				6.02 x 3.91	1.27	88.00
100 x 65	4" x 2 1/2"	114.3 x 73.0	3.05 x 3.05	0.71	40.00	6.02 x 5.16	1.37	75.00
100 x 80	4" x 3"	114.3 x 88.9	3.05 x 3.05	0.75	40.00	6.02 x 5.49	1.45	75.00
125 x 50	5" x 2"	141.3 x 60.3				6.55 x 3.91	2.23	175.50
125 x 65	5" 2 1/2"	141.3 x 73.0				6.55 x 5.16	2.25	148.00
125 x 80	5" x 3"	141.3 x 88.9	3.40 x 3.05	1.20	83.00	6.55 x 5.49	2.27	120.00
125 x 100	5" x 4"	141.3 x 114.3	3.40 x 3.05	1.32	83.00	6.55 x 6.02	2.50	120.00
150 x 50	6" x 2"	168.3 x 60.3				7.11 x 3.91	2.54	244.00
150 x 65	6" x 2 1/2"	168.3 x 73.0				7.11 x 5.16	2.74	213.50
150 x 80	6" x 3"	168.3 x 88.9	3.40 x 3.05	1.62	95.00	7.11 x 5.49	3.04	220.00
150 x 100	6" x 4"	168.3 x 114.3	3.40 x 3.4	1.75	95.00	7.11 x 6.02	3.30	170.00
150 x 125	6" x 5"	168.3 x 141.3				7.11 x 6.55	3.57	170.00
200 x 80	8" x 3"	219.1 x 88.9				8.18 x 5.49	4.83	437.50

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED FITTINGS ASTM / ASME A / SA403 CONCENTRIC REDUCER

WP304 / 304L

Nominal Size		OD (mm)	SCH 10S			SCH 40S		
			Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)	Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)
200 x 100	8" x 4"	219.1 x 114				8.18 x 6.02	5.10	375.00
200 x 125	8" x 5"	219.1 x 141.3	3.76 x 3.40	2.70	150.00	8.18 x 6.55	5.40	310.00
200 x 150	8" x 6"	219.1 x 168.3	3.76 x 3.40	2.85	150.00	8.18 x 7.11	5.71	310.00
250 x 100	10" x 4"	273.1 x 114.3				9.27 x 6.02	8.00	1047.00
250 x 125	10" x 5"	273.1 x 141.3				9.27 x 6.55	8.21	970.00
250 x 150	10" x 6"	273.1 x 168.3	4.19 x 3.40	3.87	303.00	9.27 x 7.11	8.78	813.00
250 x 200	10" x 8"	273.1 x 219.1	4.19 x 3.76	4.21	293.50	9.27 x 8.18	9.58	764.50
300 x 150	12" x 6"	323.8 x 168.3				9.53 x 7.11	12.40	1885.50
300 x 200	12" x 8"	323.8 x 219.1	4.57 x 3.76	6.31	601.00	9.53 x 8.18	12.70	1499.50
300 x 250	12" x 10"	323.8 x 273.1	4.57 x 4.19	6.78	588.00	9.53 x 9.27	13.60	1259.00

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED FITTINGS ASTM / ASME A / SA403 ECCENTRIC REDUCER

WP304 / 304L

Nominal Size		OD (mm)	SCH 10S			SCH 40S		
			Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)	Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)
20 x 15	3/4" x 1/2"	26.7 x 21.3	2.11 x 2.11	0.09	9.00	2.87 x 2.77	0.11	11.50
25 x 20	1" x 3/4"	33.4 x 26.7	2.77 x 2.11	0.10	13.00	3.38 x 2.87	0.12	17.00
32 x 25	1 1/4" x 1"	42.2 x 26.7	2.77 x 2.77	0.13	15.00	3.56 x 3.38	0.16	19.00
40 x 32	1 1/2" x 1 1/4"	48.3 x 42.2	2.77 x 2.77	0.20	20.00	3.68 x 3.56	0.26	26.00
50 x 32	2" x 1 1/4"	60.3 x 42.2	2.77 x 2.77	0.26	26.00	3.91 x 3.56	0.35	32.00
50 x 40	2" x 1 1/2"	60.3 x 48.3	2.77 x 2.77	0.27	26.00	3.91 x 3.68	0.37	32.00
65 x 40	2 1/2" x 1 1/2"	73.0 x 48.3	3.05 x 2.77	0.40	37.00	5.16 x 3.68	0.66	62.00
65 x 50	2 1/2" x 2"	73.0 x 60.3	3.05 x 2.77	0.43	37.00	5.16 x 3.91	0.68	62.00
80 x 50	3" x 2"	88.9 x 60.3	3.05 x 2.77	0.48	50.00	5.49 x 3.91	0.85	84.00
80 x 65	3" x 2 1/2"	88.9 x 73.0	3.05 x 3.05	0.55	50.00	5.49 x 5.16	0.98	84.00
100 x 80	4" x 3"	114.3 x 88.9	3.05 x 3.05	0.75	66.00	6.02 x 5.49	1.45	124.00
125 x 100	5" x 4"	141.3 x 114.3	3.4 x 3.05	1.32	137.00	6.55 x 6.02	2.50	198.00
150 x 100	6" x 4"	168.3 x 114.3	3.4 x 3.05	1.62	139.00	7.11 x 6.02	3.30	249.00
150 x 125	6" x 5"	168.3 x 141.3	3.4 x 3.4	1.75	139.00	7.11 x 6.55	3.57	249.00
200 x 150	8" x 6"	219.1 x 168.3	3.76 x 3.4	2.85	257.00	8.18 x 7.11	5.71	532.00
250 x 200	10" x 8"	273.1 x 219.1	4.19 x 3.76	4.21	451.50	9.27 x 8.18	9.58	1137.00
300 x 250	12" x 10"	323.8 x 219.1	4.57 x 3.76	6.78	727.00	9.53 x 9.27	13.60	1614.00

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED FITTINGS ASTM / ASME A / SA403 CAP

WP304 / 304L

Nominal Size		OD (mm)	SCH 10S			SCH 40S		
			Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)	Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)
50	2"	60.3	2.77	0.17	31.00	3.91	0.23	48.00
65	2 1/2"	73.0	3.05	0.24	39.00	5.16	0.42	52.00
80	3"	88.9	3.05	0.36	42.00	5.49	0.66	62.00
100	4"	114.3	3.05	0.59	55.00	6.02	1.17	110.00
125	5"	141.3	3.40	0.98	108.00	6.55	1.90	190.00
150	6"	168.3	3.40	1.35	135.00	7.11	2.83	265.00
200	8"	219.1	3.76	2.49	250.00	8.18	5.11	550.00
250	10"	273.1	4.19	3.84	451.00	9.27	8.92	1120.00
300	12"	323.9	4.57	6.39	800.00	9.53	13.30	1800.00

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED FITTINGS ASTM / ASME A / SA403 90D LONG RADIUS ELBOW

WP316 / 316L

Nominal Size		OD (mm)	SCH 10S			SCH 40S		
			Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)	Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)
15	1/2"	21.3	2.11	0.06	12.50	2.77	0.08	18.00
20	3/4"	26.7	2.11	0.08	13.00	2.87	0.10	18.50
25	1"	33.4	2.77	0.13	14.00	3.38	0.15	19.00
32	1 1/4"	42.2	2.77	0.21	22.00	3.56	0.26	33.00
40	1 1/2"	48.3	2.77	0.28	24.00	3.68	0.37	35.00
50	2"	60.3	2.77	0.48	38.00	3.91	0.65	52.00
65	2 1/2"	73.0	3.05	0.81	67.00	5.16	1.37	130.00
80	3"	88.9	3.05	1.14	83.00	5.49	2.04	155.00
100	4"	114.3	3.05	1.97	140.00	6.02	3.84	286.00
125	5"	141.3	3.40	3.42	290.00	6.55	6.48	534.00
150	6"	168.3	3.40	4.87	360.00	7.11	9.94	755.00
200	8"	219.1	3.76	10.00	690.00	8.18	20.10	1500.00
250	10"	273.0	4.19	15.50	1201.00	9.27	35.40	3244.00
300	12"	323.8	4.57	25.80	2219.00	9.52	53.00	5307.00

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED FITTINGS ASTM / ASME A / SA403 45D LONG RADIUS ELBOW

WP316 / 316L

Nominal Size		OD (mm)	SCH 10S			SCH 40S		
			Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)	Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)
15	1/2"	21.3	2.11	0.03	11.00	2.77	0.04	16.00
20	3/4"	26.7	2.11	0.04	12.00	2.87	0.05	17.00
25	1"	33.4	2.77	0.06	13.00	3.38	0.08	17.00
32	1 1/4"	42.2	2.77	0.10	20.00	3.56	0.13	29.00
40	1 1/2"	48.3	2.77	0.14	21.00	3.68	0.18	31.00
50	2"	60.3	2.77	0.24	34.00	3.91	0.18	46.00
65	2 1/2"	73.0	3.05	0.41	59.00	5.16	0.68	114.00
80	3"	88.9	3.05	0.57	73.00	5.49	1.02	135.00
100	4"	114.3	3.05	0.99	122.00	6.02	1.92	249.00
125	5"	141.3	3.40	1.71	253.00	6.55	3.24	465.00
150	6"	168.3	3.40	2.43	314.0	7.11	4.97	657.00
200	8"	219.1	3.76	5.01	601.00	8.18	10.10	1305.00
250	10"	273.0	4.19	7.77	1045.00	9.27	17.70	2823.00
300	12"	323.8	4.57	12.90	1931.00	9.52	26.50	4618.00

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED FITTINGS ASTM / ASME A / SA403 90D SHORT RADIUS ELBOW

WP316 / 316L

Nominal Size		OD (mm)	SCH 10S			SCH 40S		
			Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)	Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)
50	2"	60.3	2.77	0.24	34.50	3.91	0.18	47.00
65	2 1/2"	73.0	3.05	0.41	60.50	5.16	0.68	117.00
80	3"	88.9	3.05	0.57	74.70	5.49	1.02	139.50
100	4"	114.3	3.05	0.99	126.00	6.02	1.92	257.50
125	5"	141.3	3.40	1.71	261.00	6.55	3.24	481.00
150	6"	168.3	3.40	2.43	324.00	7.11	4.97	679.50
200	8"	219.1	3.76	5.01	621.00	8.18	10.10	1350.00
250	10"	273.0	4.19	7.77	1137.00	9.27	17.70	3047.00
300	12"	323.8	4.57	12.90	1997.00	9.52	26.50	4776.50

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED FITTINGS ASTM / ASME A / SA403 EQUAL TEE

WP316 / 316L

Nominal Size		OD (mm)	SCH 10S			SCH 40S		
			Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)	Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)
15	1/2"	21.3	2.11	0.09	51.00	2.77	0.18	60.00
20	3/4"	26.7	2.11	0.13	53.00	2.87	0.26	62.00
25	1"	33.4	2.77	0.22	55.00	3.38	0.26	66.00
32	1 1/4"	42.2	2.77	0.36	57.00	3.56	0.46	85.00
40	1 1/2"	48.3	2.77	0.50	58.00	3.68	0.65	86.00
50	2"	60.3	2.77	0.68	70.00	3.91	0.89	104.00
65	2 1/2"	73.0	3.05	1.20	108.00	5.16	1.98	215.00
80	3"	88.9	3.05	1.57	128.00	5.49	2.61	250.00
100	4"	114.3	3.05	2.46	210.00	6.02	4.76	430.00
125	5"	141.3	3.40	4.04	398.00	6.55	7.84	760.00
150	6"	168.3	3.40	5.50	416.00	7.11	9.54	920.00
200	8"	219.1	3.76	11.07	720.00	8.18	19.56	2100.00
250	10"	273.0	4.19	19.87	1469.00	9.27	30.80	3843.00
300	12"	323.8	4.57	27.86	2286.00	9.52	44.30	5886.00

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED FITTINGS ASTM / ASME A / SA403 REDUCING TEE

WP316 / 316L

Nominal Size		OD (mm)	SCH 10S			SCH 40S		
			Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)	Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)
20 x 15	3/4" x 1/2"	26.7 x 21.3	2.11 x 2.11	0.08	56.00	2.87 x 2.77	0.12	66.00
25 x 15	1" x 1/2"	33.4 x 21.3	2.77 x 2.11	0.19	58.00	3.38 x 2.77	0.22	70.00
25 x 20	1" x 3/4"	33.4 x 26.7	2.77 x 2.11	0.19	58.00	3.38 x 2.87	0.23	70.00
32 x 20	1 1/4" x 3/4"	42.2 x 26.7	2.77 x 2.11	0.29	60.00	3.56 x 2.87	0.37	90.00
32 x 25	1 1/4" x 1"	42.2 x 33.4	2.77 x 2.77	0.31	60.00	3.56 x 3.38	0.39	90.00
40 x 20	1 1/2" x 3/4"	48.3 x 26.7	2.77 x 2.11	0.40	62.00	3.68 x 2.87	0.52	91.00
40 x 25	1 1/2" x 1"	48.3 x 33.4	2.77 x 2.77	0.42	62.00	3.68 x 3.38	0.55	91.00
40 x 32	1 1/2" x 1 1/4"	48.3 x 42.2	2.77 x 2.77	0.44	62.00	3.68 x 3.56	0.57	91.00
50 x 25	2" x 1"	60.3 x 33.4	2.77 x 2.77	0.54	74.00	3.91 x 3.38	0.74	110.00
50 x 32	2" x 1 1/4"	60.3 x 42.2	2.77 x 2.77	0.57	74.00	3.91 x 3.56	0.80	110.00
50 x 40	2" x 1 1/2"	60.3 x 48.3	2.77 x 2.77	0.59	74.00	3.91 x 3.68	0.83	110.00
65 x 40	2 1/2" x 1 1/2"	73.0 x 48.3	3.05 x 2.77	0.90	114.00	5.16 x 3.68	1.49	227.00
65 x 50	2 1/2" x 2"	73.0 x 60.3	3.05 x 2.77	0.94	114.00	5.16 x 3.91	1.53	227.00
80 x 40	3" x 1 1/2"	88.9 x 48.3	3.05 x 2.77	1.19	135.00	5.49 x 3.68	2.05	264.00
80 x 50	3" x 2"	88.9 x 60.3	3.05 x 2.77	1.19	135.00	5.49 x 3.91	2.16	264.00
80 x 65	3" x 2 1/2"	88.9 x 73.0	3.05 x 3.05	1.31	135.00	5.49 x 5.16	2.29	264.00
100 x 50	4" x 2"	114.3 x 60.3	3.05 x 2.77	1.88	222.00	6.02 x 3.91	3.52	453.00
100 x 65	4" x 2 1/2"	114.3 x 73.0	3.05 x 3.05	1.95	222.00	6.02 x 5.16	3.70	453.00

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED FITTINGS ASTM / ASME A / SA403 REDUCING TEE

WP316 / 316L

Nominal Size		OD (mm)	SCH 10S			SCH 40S		
			Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)	Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)
100 x 80	4" x 3"	114.3 x 88.9	3.05 x 3.05	2.02	222.00	6.02 x 5.49	3.83	453.00
125 x 65	5" x 2 1/2"	141.3 x 73.0	3.4 x 3.05	3.00	419.00	6.55 x 5.16	5.00	800.00
125 x 80	5" x 3"	141.3 x 88.9	3.4 x 3.05	3.13	419.00	6.55 x 5.49	5.85	800.00
125 x 100	5" x 4"	141.3 x 114.3	3.4 x 3.05	3.25	419.00	6.55 x 6.02	6.14	800.00
150 x 80	6" x 3"	168.3 x 88.9	3.4 x 3.05	4.21	438.00	7.11 x 5.49	8.52	969.00
150 x 100	6" x 4"	168.3 x 114.3	3.4 x 3.05	4.34	438.00	7.11 x 6.02	8.81	969.00
150 x 125	6" x 5"	168.3 x 141.3	3.4 x 3.4	4.56	438.00	7.11 x 6.55	9.21	969.00
200 x 100	8" x 4"	219.1 x 114.3	3.76 x 3.05	7.48	758.00	8.18 x 6.02	15.90	2211.00
200 x 125	8" x 5"	219.1 x 141.3	3.76 x 3.4	7.70	758.00	8.18 x 6.55	16.30	2211.00
200 x 150	8" x 6"	219.1 x 168.3	3.76 x 3.4	7.91	758.00	8.18 x 7.11	16.80	2211.00
250 x 100	10" x 4"	273.1 x 114.3	9.27 x 6.02	10.35	1547.00	9.27 x 6.02	26.98	4046.00
250 x 125	10" x 5"	273.1 x 141.3	9.27 x 6.55	12.60	1547.00	9.27 x 6.55	27.10	4046.00
250 x 150	10" x 6"	273.1 x 168.3	9.27 x 7.11	12.80	1547.00	9.27 x 7.11	27.60	4046.00
250 x 200	10" x 8"	273.1 x 219.1	9.27 x 8.18	13.30	1547.00	9.27 x 8.18	28.90	4046.00
300 x 150	12" x 6"	323.8 x 168.3	9.53 x 7.11	19.10	2407.00	9.53 x 7.11	39.10	6196.00
300 x 200	12" x 8"	323.8 x 219.1	9.53 x 8.18	19.60	2407.00	9.53 x 8.18	40.30	6196.00
300 x 250	12" x 10"	328.8 x 273.1	9.53 x 9.27	20.50	2407.00	9.53 x 9.27	42.30	6196.00

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED FITTINGS ASTM / ASME A / SA403 CONCENTRIC REDUCER

WP316 / 316L

Nominal Size		OD (mm)	SCH 10S			SCH 40S		
			Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)	Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)
20 x 15	3/4" x 1/2"	26.7 x 21.3	2.11 x 2.11	0.09	13.00	2.87 x 2.77	0.11	18.00
25 x 15	1" x 1/2"	33.4 x 21.3	2.77 x 2.11	0.09	15.00	3.38 x 2.77	0.11	19.00
25 x 20	1" x 3/4"	33.4 x 26.7	2.77 x 2.11	0.10	15.00	3.38 x 2.87	0.12	19.00
32 x 15	1 1/4" x 1/2"	42.2 x 21.3				3.56 x 2.77	0.12	32.00
32 x 20	1 1/4" x 3/4"	42.2 x 26.7	2.77 x 2.11	0.12	20.00	3.56 x 2.87	0.13	27.00
32 x 25	1 1/4" x 1"	42.2 x 33.4	2.77 x 2.77	0.13	20.00	3.56 x 3.38	0.16	27.00
40 x 15	1 1/2" x 1/2"	48.3 x 21.3				3.68 x 2.77	0.20	33.00
40 x 20	1 1/2" x 3/4"	48.3 x 26.7				3.68 x 2.87	0.21	33.00
40 x 25	1 1/2" x 1"	48.3 x 33.4	2.77 x 2.77	0.17	22.00	3.68 x 3.38	0.22	28.00
40 x 32	1 1/2" x 1 1/4"	48.3 x 42.2	2.77 x 2.77	0.20	22.00	3.68 x 3.56	0.26	28.00
50 x 20	2" x 3/4"	60.3 x 26.7				3.91 x 2.87	0.30	43.00
50 x 25	2" x 1"	60.3 x 33.4				3.91 x 3.38	0.32	43.00
50 x 32	2" x 1 1/4"	60.3 x 42.2	2.77 x 2.77	0.26	28.00	3.91 x 3.56	0.35	35.00
50 x 40	2" x 1 1/2"	60.3 x 48.3	2.77 x 2.77	0.27	28.00	3.91 x 3.68	0.37	35.00
65 x 25	2 1/2" x 1"	73.0 x 33.4				5.16 x 3.38	0.63	58.70
65 x 32	2 1/2" x 1 1/4"	73.0 x 42.2				5.16 x 3.56	0.64	54.00
65 x 40	2 1/2" x 1 1/2"	73.0 x 48.3	3.05 x 2.77	0.40	38.00	5.16 x 3.68	0.66	50.00
65 x 50	2 1/2" x 2"	73.0 x 60.3	3.05 x 2.77	0.43	38.00	5.16 x 3.91	0.68	50.00

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED FITTINGS ASTM / ASME A / SA403 CONCENTRIC REDUCER

WP316 / 316L

Nominal Size		OD (mm)	SCH 10S			SCH 40S		
			Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)	Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)
80 x 25	3" x 1"	88.9 x 33.4				5.49 x 3.38	0.72	105.00
80 x 32	3" x 1 1/4"	88.9 x 42.2				5.49 x 3.56	0.78	111.00
80 x 40	3" x 1 1/2"	88.9 x 48.3				5.49 x 3.68	0.78	98.00
80 x 50	3" x 2"	88.9 x 60.3	3.05 x 2.77	0.48	45.00	5.49 x 3.91	0.85	78.00
80 x 65	3" x 2 1/2"	88.9 x 73.0	3.05 x 3.05	0.55	45.00	5.49 x 5.16	0.98	78.00
100 x 50	4" x 2"	114.3 x 60.3				6.02 x 3.91	1.27	155.00
100 x 65	4" x 2 1/2"	114.3 x 73.0	3.05 x 3.05	0.71	68.00	6.02 x 5.16	1.37	120.00
100 x 80	4" x 3"	114.3 x 88.9	3.05 x 3.05	0.75	68.00	6.02 x 5.49	1.45	120.00
125 x 50	5" x 2"	141.3 x 60.3				6.55 x 3.91	2.23	323.00
125 x 65	5" x 2 1/2"	141.3 x 73.0				6.55 x 5.16	2.25	265.00
125 x 80	5" x 3"	141.3 x 88.9	3.40 x 3.05	1.20	108.00	6.55 x 5.49	2.27	210.00
125 x 100	5" x 4"	141.3 x 114.3	3.40 x 3.05	1.32	108.00	6.55 x 6.02	2.50	210.00
150 x 50	6" x 2"	168.3 x 60.3				7.11 x 3.91	2.54	369.60
150 x 65	6" x 2 1/2"	168.3 x 73.0				7.11 x 5.16	2.74	375.00
150 x 80	6" x 3"	168.3 x 88.9				7.11 x 5.49	3.04	390.00
150 x 100	6" x 4"	168.3 x 114.3	3.40 x 3.05	1.62	138.00	7.11 x 6.02	3.30	280.00
150 x 125	6" x 5"	168.3 x 141.3	3.40 x 3.40	1.75	138.00	7.11 x 6.55	3.57	280.00
200 x 80	8" x 3"	219.1 x 88.9				8.18 x 5.49	4.83	674.00

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED FITTINGS ASTM / ASME A / SA403 CONCENTRIC REDUCER

WP316 / 316L

Nominal Size		OD (mm)	SCH 10S			SCH 40S		
			Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)	Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)
200 x 100	8" x 4"	219.1 x 114.3				8.18 x 6.02	5.10	625.00
200 x 125	8" x 5"	219.1 x 141.3	3.76 x 3.40	2.70	250.00	8.18 x 6.55	5.40	625.00
200 x 150	8" x 6"	219.1 x 168.3	3.76 x 3.40	2.85	250.00	8.18 x 7.11	5.71	525.00
250 x 100	10" x 4"	273.1 x 114.3				9.27 x 6.02	8.00	1382.00
250 x 125	10" x 5"	273.1 x 141.3				9.27 x 6.55	8.21	1278.50
250 x 150	10" x 6"	273.1 x 168.3	4.19 x 3.40	3.87	438.50	9.27 x 7.11	8.78	1143.00
250 x 200	10" x 8"	273.1 x 219.1	4.19 x 3.76	4.21	441.00	9.27 x 8.18	9.58	1125.00
300 x 150	12" x 6"	323.8 x 168.3				9.53 x 7.11	12.40	2036.50
300 x 200	12" x 8"	323.8 x 219.1	4.57 x 3.76	6.31	822.00	9.53 x 8.18	12.70	1761.50
300 x 250	12" x 10"	323.8 x 273.1	4.57 x 4.19	6.78	825.50	9.53 x 9.27	13.60	1539.50

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED FITTINGS ASTM / ASME A / SA403 ECCENTRIC REDUCER

WP316 / 316L

Nominal Size		OD (mm)	SCH 10S			SCH 40S		
			Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)	Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)
20 x 15	3/4" x 1/2"	26.7 x 21.3	2.11 x 2.11	0.09	16.00	2.87 x 2.77	0.11	22.00
25 x 20	1" x 3/4"	33.4 x 26.7	2.77 x 2.11	0.10	25.00	3.38 x 2.87	0.12	32.00
32 x 25	1 1/4" x 1"	42.2 x 26.7	2.77 x 2.77	0.13	26.00	3.56 x 3.38	0.16	35.00
40 x 32	1 1/2" x 1 1/4"	48.3 x 42.2	2.77 x 2.77	0.20	36.00	3.68 x 3.56	0.26	46.00
50 x 32	2" x 1 1/4"	60.3 x 42.2	2.77 x 2.77	0.26	45.00	3.91 x 3.56	0.35	56.00
50 x 40	2" x 1 1/2"	60.3 x 48.3	2.77 x 2.77	0.27	45.00	3.91 x 3.68	0.37	56.00
65 x 40	2 1/2" x 1 1/2"	73.0 x 48.3	3.05 x 2.77	0.40	61.00	5.16 x 3.68	0.66	80.00
65 x 50	2 1/2" x 2"	73.0 x 60.3	3.05 x 2.77	0.43	61.00	5.16 x 3.91	0.68	80.00
80 x 50	3" x 2"	88.9 x 60.3	3.05 x 2.77	0.48	77.00	5.49 x 3.91	0.85	133.00
80 x 65	3" x 2 1/2"	88.9 x 73.0	3.05 x 3.05	0.55	77.00	5.49 x 5.16	0.98	133.00
100 x 80	4" x 3"	114.3 x 88.9	3.05 x 3.05	0.75	112.20	6.02 x 5.49	1.45	198.00
125 x 100	5" x 4"	141.3 x 114.3	3.40 x 3.05	1.32	178.00	6.55 x 6.02	2.50	347.00
150 x 100	6" x 4"	168.3 x 114.3	3.40 x 3.05	1.62	202.00	7.11 x 6.02	3.30	410.00
150 x 125	6" x 5"	168.3 x 141.3	3.40 x 3.40	1.75	202.00	7.11 x 6.55	3.57	410.00
200 x 150	8" x 6"	219.1 x 168.3	3.76 x 3.40	2.85	429.00	8.18 x 7.11	5.71	900.00
250 x 200	10" x 8"	273.1 x 219.1	4.19 x 3.76	4.21	705.50	9.27 x 8.18	9.58	1754.00
300 x 250	12" x 10"	323.8 x 219.1	4.57 x 3.76	6.78	1136.00	9.53 x 9.27	13.60	2490.50

MANUFACTURER OF STAINLESS STEEL WELDED PIPES AND FITTINGS



STAINLESS STEEL WELDED FITTINGS ASTM / ASME A / SA403 CAP

WP316 / 316L

Nominal Size	OD (mm)	SCH 10S			SCH 40S			
		Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)	Thickness (mm)	Weight (kg/pcs)	Price/Pcs (RM)	
50	2"	60.3	2.77	0.17	62.00	3.91	0.23	100.00
65	2 1/2"	73.0	3.05	0.24	73.00	5.16	0.42	105.00
80	3"	88.9	3.05	0.36	78.00	5.49	0.66	120.00
100	4"	114.3	3.05	0.59	94.00	6.02	1.17	180.00
125	5"	141.3	3.40	0.98	155.00	6.55	1.90	310.00
150	6"	168.3	3.40	1.35	200.00	7.11	2.83	440.00
200	8"	219.1	3.76	2.49	370.00	8.18	5.11	850.00
250	10"	273.0	4.19	3.84	640.00	9.27	8.92	1640.00
300	12"	323.8	4.57	6.39	1120.00	9.53	13.30	2580.00

PRODUCT SPECIFICATIONS



STEEL GRADE	CHEMICAL COMPOSITION										MECHANICAL PROPERTY				
	C	Si	Mn	P	S	Ni	Cr	Mo	N	Cu	Y.S.	T.S.	EL.	HRB	HV
	% Max.	% Max.	% Max.	% Max.	% Max.	%	%	%	% Max.	%	N/mm2 Min.	N/mm2 Min.	N/mm2 Min.	Max.	
301	0.150	1.00	2.00	0.045	0.030	6.00-8.00	16.00-18.00				205	520	40	95	
304	0.080	1.00	2.00	0.045	0.030	8.00-10.00	18.00-20.00				205	520	40	90	
304L	0.030	1.00	2.00	0.045	0.030	8.00-10.00	18.00-20.00				175	480	40	90	
316	0.080	1.00	2.00	0.045	0.030	10.00-14.00	16.00-18.00				205	520	40	90	
316L	0.030	1.00	2.00	0.045	0.030	10.00-14.00	16.00-18.00	2.00-3.00			175	480	40	90	
321	0.080	1.00	2.00	0.045	0.030	9.00-13.00	17.00-19.00	2.00-3.00			205	520	40	90	
305	0.120	1.00	2.00	0.045	0.030	10.50-13.00	17.00-19.00				175	480	40	90	
347	0.080	1.00	2.00	0.045	0.030	9.00-13.00	17.00-19.00				205	520	40	90	
317L	0.030	1.00	2.00	0.045	0.030	11.00-15.00	18.00-20.00	3.00-4.00			175	480	40	90	
309S	0.080	1.00	2.00	0.045	0.030	12.00-15.00	22.00-24.00				205	520	40	90	
310S	0.080	1.50	2.00	0.045	0.030	19.00-22.00	24.00-26.00				205	520	40	90	
430	0.120	0.75	1.00	0.040	0.030		16.00-18.00				205	450	22	88	
409L	0.030	1.00	1.00	0.040	0.030		0.50-11.75				175	360	25	80	
410	0.150	1.00	1.00	0.040	0.030		11.50-13.50				205	440	20	93	
410L	0.030	1.00	1.00	0.040	0.030		11.50-13.50				195	360	22	88	
410S	0.080	1.00	1.00	0.040	0.030		11.50-13.50			Ti ≤ 0.2%	205	410	20	88	
420J1	0.250	1.00	1.00	0.040	0.030		12.00-14.00				225	520	18	97	
420J2	0.400	1.00	1.00	0.040	0.030		12.00-14.00				225	520	18	97	
436	0.120	1.00	1.00	0.040	0.030		16.00-18.00	0.75-1.25	0.6%	Nb+Ta	365	530	23	83	
439	0.030	1.00	1.00	0.040	0.030		17.00-19.00		0.040		175	360	22	88	
444	0.025	1.00	1.00	0.040	0.030		17.00-20.00	1.75-2.50	0.025		245	410	20	96	
441	0.030	1.00	1.00	0.040	0.015		17.00-18.00			Ti 0.1%-0.6%	230	430	18	88	
443	0.200	0.75	1.00	0.040	0.030		18.00-23.00			0.90-1.20	275	485	20	95	
202(4%Ni)	0.150	1.00	6.00-9.00	0.060	0.030		15.00-17.00		0.250	1.50-2.00	260	620	40	100	
201(1.0%Ni)	0.150	1.00	8.00-11.00	0.060	0.030		15.00-17.00		0.250	1.50-2.00	310	655	35	105	

Dimensional Tolerance

Cold Rolled Stainless Steel Sheet & Coil

Width	Thickness Tolerance (mm)		
	1000 / 1219 / 1250	1500 / 1524	2000
Thickness			
0.30 ≤ T < 0.60	+/- 0.04		
0.60 ≤ T < 0.80	+/- 0.04	+/- 0.06	
0.80 ≤ T < 1.00	+/- 0.04	+/- 0.06	
1.00 ≤ T < 1.25	+/- 0.04	+/- 0.06	
1.25 ≤ T < 1.60	+/- 0.05	+/- 0.07	
1.60 ≤ T < 2.00	+/- 0.05	+/- 0.07	
2.00 ≤ T < 2.50	+/- 0.06	+/- 0.08	
2.50 ≤ T < 3.00	+/- 0.10	+/- 0.12	
3.00 ≤ T < 6.00		+/- 0.14	+/- 0.14
6.00 ≤ T < 8.00		+/- 0.16	+/- 0.16

Dimensional Tolerance

Hot Rolled Stainless Steel Coil & Plate

Width	Thickness Tolerance (mm)		
	1000 / 1219 / 1250	1500 / 1524	2000
Thickness			
3.00 ≤ T < 6.00	+/- 0.20	+/- 0.25	
6.00 ≤ T < 8.00	+/- 0.30	+/- 0.65	
8.00 ≤ T < 10.0	+/- 0.50	+/- 0.65	+/- 1.15
10.0 ≤ T < 20.0		+/- 0.70	+/- 1.15
20.0 ≤ T < 25.0		+/- 0.75	+/- 1.55
25.0 ≤ T < 50.0		+/- 0.80	+/- 1.80
50.0 ≤ T < 80.0		+/- 1.20	+/- 2.55