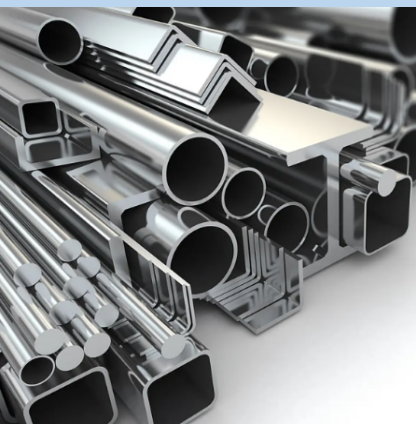
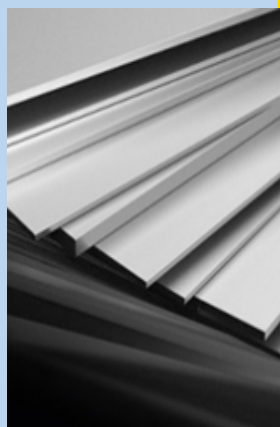
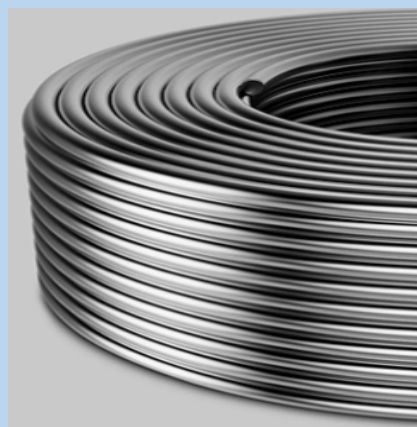
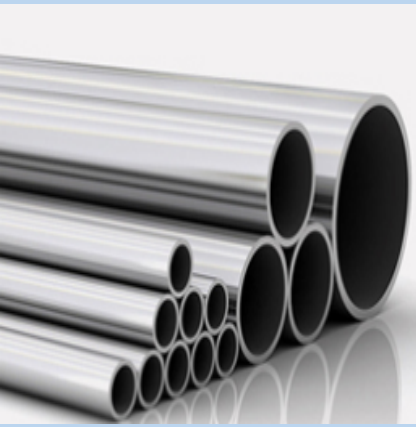


Welcome to Wingrou Pipe technology Co.



CARBON STEEL PIPES



- * DIN 2440 = BS 1387 MEDIUM (B) = ISO R 65
- * DIN 2441 = BS 1387 HEAVY (C) = ISO R 65
- * AVAILABLE IN SEAMLESS / ERW, BLACK & GALVANIZED FORMS
- * ERW / SEAMLESS PIPES ARE IN SINGLE RANDOM LENGTHS

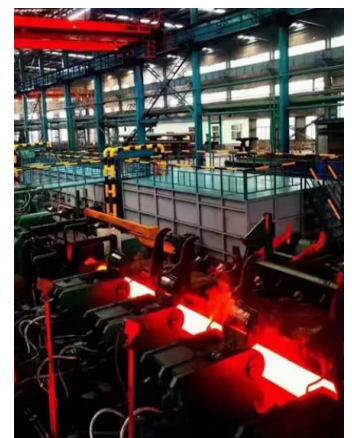
SIZES, DIMENSIONS & WEIGHTS

Nominal Pipe Size	Outside Diameter		Medium		Heavy		Test Press.
	Max.	Min.	Wall Thk.	Plain End	Wall Thk.	Plain End	
	Inches	mm	mm	Kg/m	mm	Kg/m	
½	21.7	21.1	2.6	1.21	3.2	1.44	50
¾	27.2	26.6	2.6	1.56	3.2	1.87	50
1	34.2	33.4	3.2	2.41	4.0	2.94	50
1¼	42.9	42.1	3.2	3.10	4.0	3.80	50
1½	48.8	48.0	3.2	3.57	4.0	4.38	50
2	60.8	59.8	3.6	5.03	4.5	6.19	50
2½	76.6	75.4	3.6	6.43	4.5	7.93	50
3	89.5	88.1	4.0	8.37	5.0	10.30	50
4	114.9	113.3	4.5	12.20	5.4	14.50	50
5	140.6	138.7	5.0	16.60	5.4	17.90	50
6	166.1	164.1	5.0	19.70	5.4	21.30	50



- * ALL WINGROU BRAND PIPES COME WITH THE WINGROU QUALITY ASSURANCE
- * MATERIAL AND TEST CERTIFICATE ACCORDING TO EN 10204 - 2.2 / DIN 50049 - 2.2

Wingrou is an international market leader committed to providing high quality products backed by outstanding customer service and technical support since 1992. Wingrou is focused on the sale of engineering products for industries such as shipbuilding and repair, chemical and petrochemical, oil and gas, heating, ventilation, and air conditioning, original equipment manufacture, water management and power generation.



The high quality range of Wingrou products is augmented with extensive range of products from leading A-brand suppliers. This enables Wingrou to offer a complete solution for every industrial application. Wingrou's key strengths are its in-depth knowledge of market developments, its global procurement and its sophisticated distribution concept, which ensures swift and reliable deliveries.



CARBON STEEL PIPES



- * SEAMLESS STEEL PIPES TO API 5L GRADE B / ASTM A106 GRADE B / ASTM A53 GRADE B - UPTO 16"
- * ERW STEEL PIPES TO API 5L GRADE B / ASTM A53 GRADE B - UPTO 24"
- * SAW STEEL PIPES TO API 5L GRADE B / ASTM A53 GRADE B - ABOVE 24"
- * AVAILABLE IN BLACK AND GALVANIZED FORMS / WITH 'UL' LISTING
- * AVAILABLE IN SINGLE / DOUBLE RANDOM LENGTHS
- * UPTO 1.5" - PLAIN SQUARE ENDS; ABOVE 2" - ISO - BEVELLED ENDS
- * COMPARABLE MATERIAL STANDARD BS 3601
- * DIMENSIONS ACCORDING TO ANSI B 36.10; BEVELLED ENDS TO ANSI B 16.25

SIZES, DIMENSIONS & WEIGHTS

Nominal Pipe Size	Wt. Class	Sch. No	O.D mm	Wall Thk. mm	Wt. Kg/m	Test Press. bar		Nominal Pipe Size	Wt. Class	Sch. No	O.D mm	Wall Thk. mm	Wt. Kg/m	Test Press. bar
Inches			mm	mm	Kg/m	bar		Inches			mm	mm	Kg/m	bar
1/2	STD		21.30	2.77	1.27	48		12	STD		323.80	9.52	73.78	85
1/2		40	21.30	2.77	1.27	48		12		40	323.80	10.31	79.70	92
1/2	XS		21.30	3.73	1.62	59		12		60	323.80	14.27	108.92	128
1/2		80	21.30	3.73	1.62	59		12	XS		323.80	12.70	97.43	114
3/4	STD		26.70	2.87	1.69	48		12		80	323.80	17.48	132.04	157
3/4		40	26.70	2.87	1.69	48		14		10	355.60	6.35	54.69	52
3/4	XS		26.70	3.91	2.20	59		14		20	355.60	7.92	67.90	65
3/4		80	26.70	3.91	2.20	59		14		30	355.60	9.52	81.25	77
1	STD		33.40	3.38	2.50	48		14	STD		355.60	9.52	81.25	77
1		40	33.40	3.38	2.50	48		14		40	355.60	11.13	94.55	90
1	XS		33.40	4.55	3.24	59		14		60	355.60	15.09	126.71	123
1		80	33.40	4.55	3.24	59		14	XS		355.60	12.70	107.39	103
1 1/4	STD		42.20	3.56	3.39	90		14		80	355.60	19.05	158.10	155
1 1/4		40	42.20	3.56	3.39	90		16		10	406.40	6.35	62.64	45
1 1/4	XS		42.20	4.85	4.47	131		16		20	406.40	7.92	77.83	57
1 1/4		80	42.20	4.85	4.47	131		16		30	406.40	9.52	93.17	68
1 1/2	STD		48.30	3.68	4.05	90		16	STD		406.40	9.52	93.17	68
1 1/2		40	48.30	3.68	4.05	90		16		40	406.40	12.70	123.30	90
1 1/2	XS		48.30	5.08	5.41	131		16		60	406.40	16.66	160.12	119
1 1/2		80	48.30	5.08	5.41	131		16	XS		406.40	12.70	123.30	90
2	STD		60.30	3.91	5.44	172		16		80	406.40	21.44	203.53	153
2		40	60.30	3.91	5.44	172		18		10	457.00	6.35	70.60	40
2	XS		60.30	5.54	7.48	172		18		20	457.00	7.92	87.75	50
2		80	60.30	5.54	7.48	172		18		30	457.00	11.13	122.43	70
2 1/2	STD		73.00	5.16	8.63	172		18	STD		457.00	9.52	105.10	61
2 1/2		40	73.00	5.16	8.63	172		18		40	457.00	14.27	155.87	90
2 1/2	XS		73.00	7.01	11.41	172		18		60	457.00	19.05	205.83	121
2 1/2		80	73.00	7.01	11.41	172		18	XS		457.00	12.70	139.20	81
3	STD		88.90	5.49	11.29	172		18		80	457.00	23.83	254.67	151
3		40	88.90	5.49	11.29	172		20		10	508.00	6.35	78.55	36
3	XS		88.90	7.62	15.27	172		20		20	508.00	9.52	117.02	54
3		80	88.90	7.62	15.27	172		20		30	508.00	12.70	155.12	72
4	STD		114.30	6.02	16.07	152		20	STD		508.00	9.52	117.02	54
4		40	114.30	6.02	16.07	152		20		40	508.00	15.09	183.42	86
4	XS		114.30	8.56	22.32	193		20		60	508.00	20.62	247.83	118
4		80	114.30	8.56	22.32	193		20	XS		508.00	12.70	155.12	72
5	STD		141.30	6.55	21.77	134		20		80	508.00	26.19	311.17	150
5		40	141.30	6.55	21.77	134		24		10	610.00	6.35	94.46	30
5	XS		141.30	9.53	30.94	193		24		20	610.00	9.52	140.88	45
5		80	141.30	9.53	30.94	193		24		30	610.00	14.27	209.50	68
6	STD		168.30	7.11	28.26	123		24	STD		610.00	9.52	140.88	45
6		40	168.30	7.11	28.26	123		24		40	610.00	17.48	255.24	83
6	XS		168.30	10.97	42.56	189		24		60	610.00	24.61	355.02	117
6		80	168.30	10.97	42.56	189		24	XS		610.00	12.70	186.94	61
8		20	219.10	6.35	33.31	84		24		80	610.00	30.96	441.78	147
8		30	219.10	7.04	36.31	93		28	STD		711.00	9.50	164.34	39
8	STD		219.10	8.18	42.55	108		28	XS		711.00	12.70	218.60	52
8		40	219.10	8.18	42.55	108		30	STD		762.00	9.50	176.29	36
8		60	219.10	10.31	53.08	138		30	XS		762.00	12.70	234.67	48
8	XS		219.10	12.70	64.64	168		32	STD		813.00	9.50	188.24	34
8		80	219.10	12.70	64.64	168		32	XS		813.00	12.70	250.64	45
10		20	273.00	6.35	41.75	68		36	STD		914.00	9.50	211.90	30
10		30	273.00	7.80	51.01	83		36	XS		914.00	12.70	282.27	40
10	STD		273.00	9.27	60.29	99		40	STD		1016.00	9.50	235.79	27
10		40	273.00	9.27	60.29	99		40	XS		1016.00	12.70	314.22	36
10		60	273.00	12.70	81.52	134		44	STD		1118.00	9.50	259.69	25
10	XS		273.00	12.70	81.52	134		44	XS		1118.00	12.70	346.16	33
10		80	273.00	15.09	95.97	160		48	STD		1219.00	9.50	283.35	23
12		20	323.80	6.35	49.71	57		48	XS		1219.00	12.70	377.79	30
12		30	323.80	8.38	65.18	75								

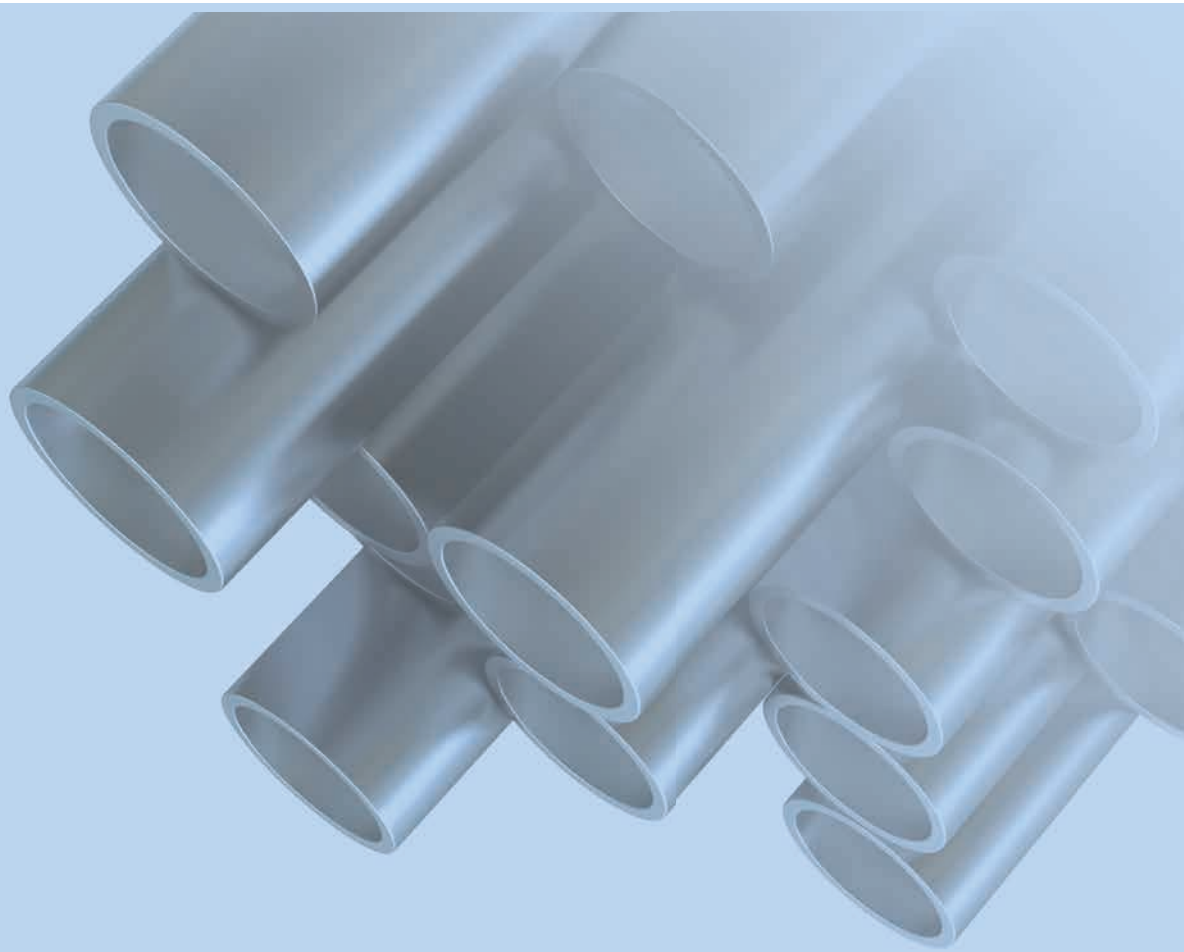
Terms Used

* Wt. - Weight; Sch. - Schedule; Thk. - Thickness; O.D. - Outside Diameter; STD. - Standard; XS - Extra Strong

Available Grades

Please recheck the original specification in advance of the order.

	JIS G 3454	ASTM/ASME	EN	NK	LR	ABS
Carbon Steel Pipes for Pressure Service		A/SA53				ABS2
	STPG370			KSTPG38		
	STPG410	A/SA53B		KSTPG42		ABS3
	JIS G 3455	ASTM/ASME	EN	NK	LR	ABS
Carbon Steel Pipes for High Pressure Service	STS370			KSTS38		
	STS410			KSTS42		
	STS480					
			P265GH			
	JIS G 3456	ASTM/ASME	EN	NK	LR	ABS
Carbon Steel Pipes for High Temperature service		A/SA106				ABS4
	STPT370			KSTPT38	LR-SEC2-360C1,2	
	STPT410	A/SA106B		KSTPT42	LR-SEC2-410C1,2	ABS5
	STPT480	A/SA106C		KSTPT49		
	JIS G 3458	ASTM/ASME	EN	NK	LR	ABS
Alloy Steel Pipes for High Temperature Service	STPA12	A/SA335P1				
	STPA20	A/SA335P2				
	STPA22	A/SA335P12				
	STPA23	A/SA335P11				
	STPA24	A/SA335P22				
	STPA25	A/SA335P5				
	STPA26	A/SA335P9				
	Japanese METI code	ASTM/ASME	EN	NK	LR	ABS
Alloy Steel Pipes for Generator piping	KA-STPA24J1	A/SA335P23				
	KA-STPA28	A/SA335P91-Type1/Type2	X10CRMVNB9-1			
	KA-STPA29	A/SA335P92	X10CRWMOVNB9-2			
	JIS G 3460	ASTM/ASME	EN	NK	LR	ABS
Steel Pipes for Low Temperature Service	STPL380	A/SA333-1		KLPB		
		A/SA333-6				
	JIS	ASTM/ASME	EN	NK	LR	ABS
Header				KBH-1		
	JIS G 3461	ASTM/ASME	EN	NK	LR	ABS
Carbon Steel Boiler and Heat Exchanger Tubes	STB340	A/SA192		KSTB35	Sec.6-360	ABS H
	STB410	A/SA210A1			Sec.6-410	
		A/SA210C				
	STB510					
			P265GH			
	JIS G 3462	ASTM/ASME	EN	NK	LR	ABS
Alloy Steel Boiler and Heat Exchanger Tubes	STBA12	A/SA209T1				
	STBA22	A/SA213T12				
	STBA23	A/SA213T11				
	STBA24	A/SA213T22				
	STBA25	A/SA213T5				
	STBA26	A/SA213T9				
	Japanese METI code	ASTM/ASME	EN	NK	LR	ABS
	KA-STBA24J1	A/SA213T23				
	KA-STBA28	A/SA213T91-Type1/Type2	X10CRMVNB9-1			
	KA-STBA29	A/SA213T92	X10CRWMOVNB9-2			



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