



天津市鹏博通达国际贸易有限公司

地址：中国天津市北辰区双街镇双江道清大博雅园4-1-801/901

电话：086-22-26825798/22-86899922-801/806

传真：086-22-86899922-808

E-mail: tjpbtd@pbchinasteel.com

网址: <http://www.pbchinasteel.com>

Tianjin Pengbo Tongda International Trade CO.,LTD

Address:Room 801/901-1-4#,QingDaBoYa Yuan,Shuang Jiang Road,

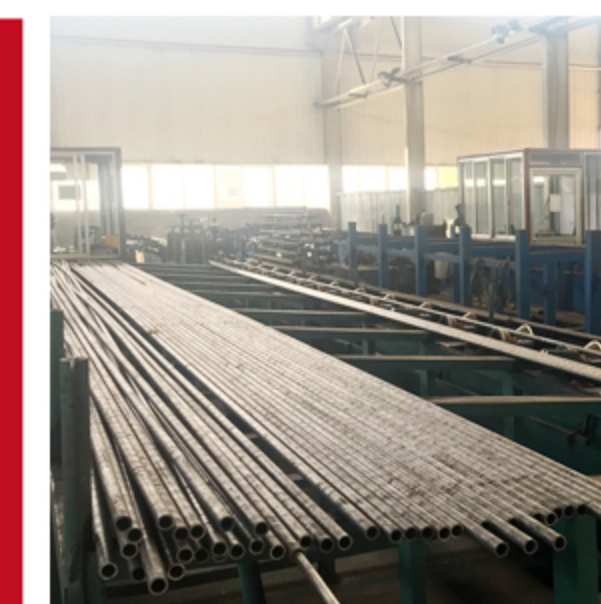
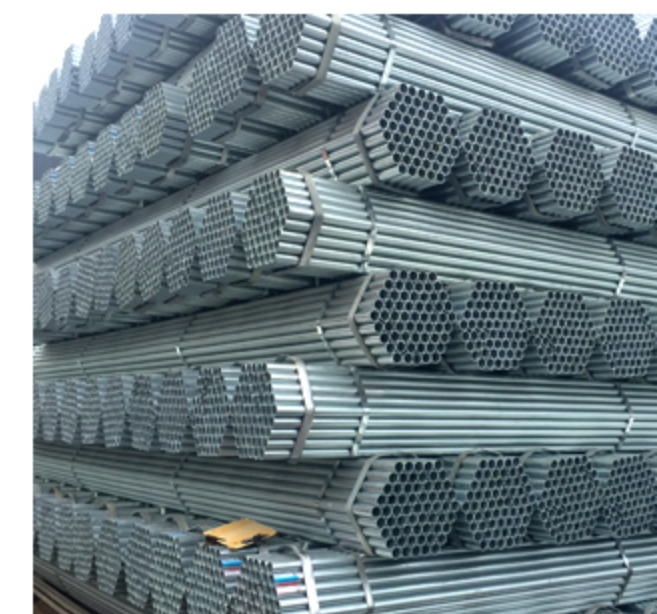
ShuangJie Town,BeiChen District,Tianjin China

Tel:086-22-26825798/22-86899922-801/806

Fax:086-22-86899922-808

E-mail: tjpbtd@pbchinasteel.com

Website:<http://www.pbchinasteel.com>

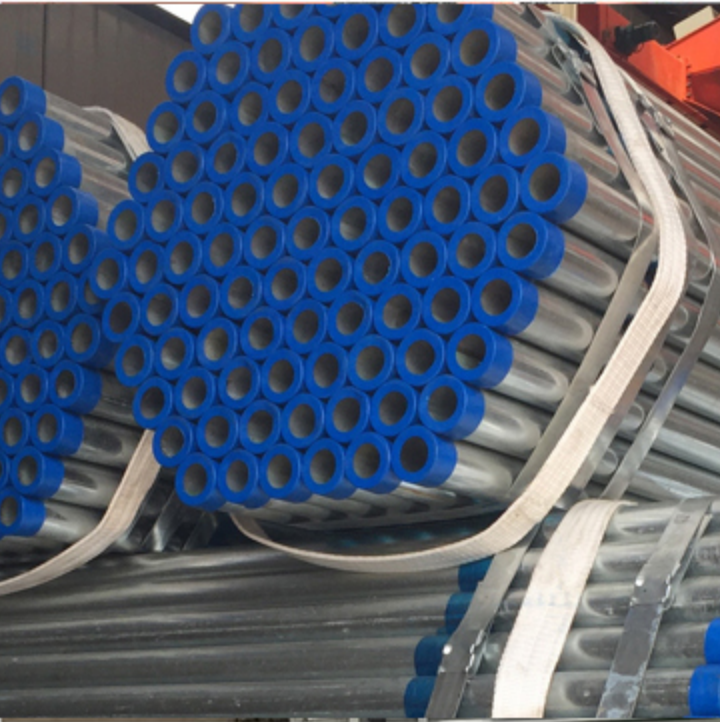
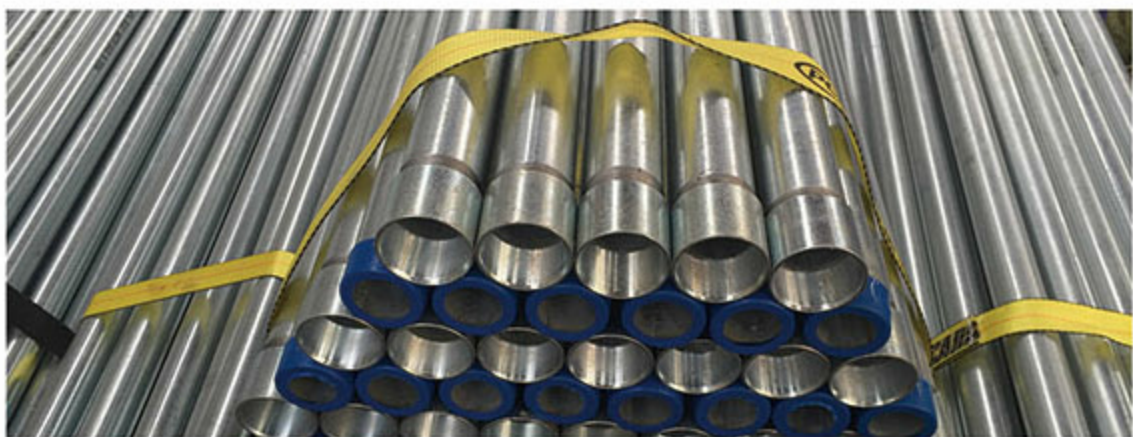
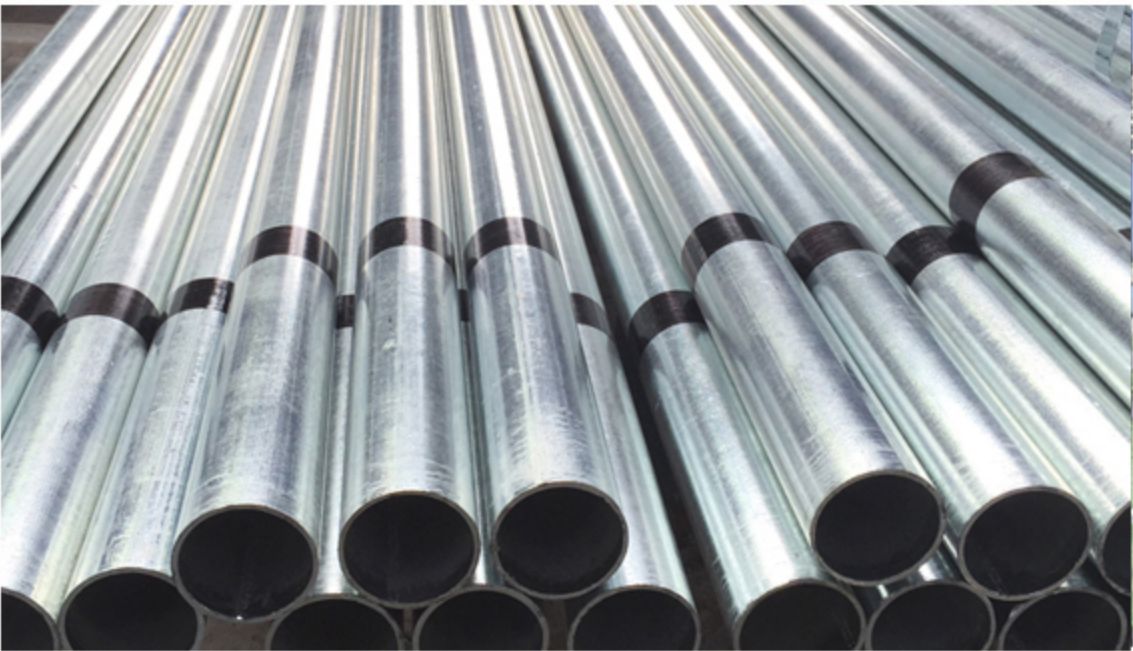


天津市鹏博通达国际贸易有限公司
Tianjin Pengbo Tongda International Trade CO.,LTD.

>>> Galvanized Steel Pipe

Comparison Between Standards					
Index	GB/T 3091-2008		ASTM A53	BS1387-1985	
	Steel pipe with a longitudinal electric(resistance) weld		Black and hot-rolled galvanized welded and seamless steel pipe	Specification for screwed and socketed steel tubes and tubulars and for pain and steel tubes suitable for welding or for screwing to BS 21 pipe threads	
O.D Tolerances of Pipe Body(mm)	20<D≤50	≤+0.5%	≤+1.0%	21.4<D≤60.8	≤+0.5%
	D>60.8	≤+1.0%		D>60.8	≤+1.0%
Tolerances of Pipe Ends (mm)	20<D≤50	≤+0.5%	≤+1.0%	21.4<D≤60.8	≤+0.5%
	D>60.8	≤+1.0%		D>60.8	≤+1.0%
Tolerances of Wall Thickness (mm)	0.5<t≤5.5	≤+0.1%	≤+12.5%	Light	≤+0.8%t
	1.0<t≤5.5	≤+10%t		Medium	≤+1.0%t
	t>5.5	≤+12.5%t		Heavy	≤+1.0%t
Tolerances of Weight	≤+7.5%		≤+10%	On single pipe:-8%--+10% Average weight of 150 meter length: ≤+4%	
Straightness (mm)	D<16 D≥16	Use is Not effected Less than 1.5 per meter	The finished Pipe shall be flat and straight	Less than 2.0 per meter	

Size Table																											
Outer Diameter	Available Wall Thickness(mm)																										
inch	mm	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.75	3.0	3.5	4.0	4.5	5.0	5.5	6.0	7.0	8.0
1/2	21.3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3/4	26.9	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1	33.7	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1-1/4	42.4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1-1/2	48.3	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2	60.3												●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2-1/2	76.1												●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3	88.9												●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4	114												●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
5	140																●	●	●	●	●	●	●	●	●	●	●
6	168																●	●	●	●	●	●	●	●	●	●	●
8	219																	●	●	●	●	●	●	●	●	●	●



>>> Scaffolding Tube

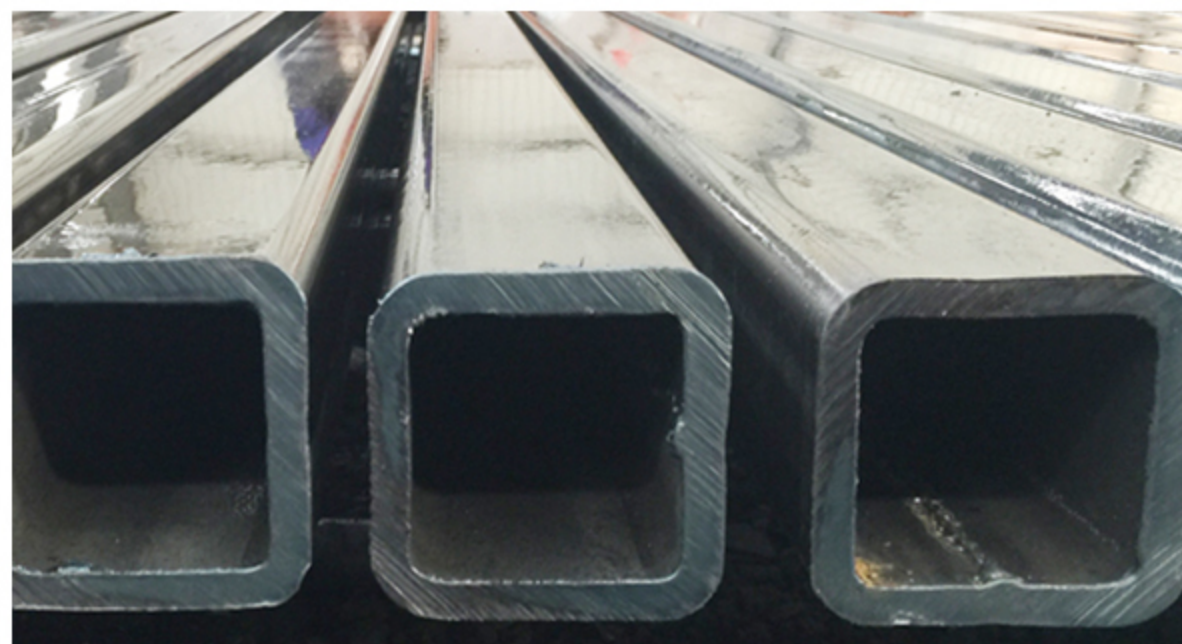
Scaffolding Tube			
Standard	Grade	Size	Length
EN39 BS1139	STK500	48.3mm*2.5mm	1-10m
	STK400	48.3mm*2.75mm	
	Q345	48.3mm*3.0mm	
	Q235	48.3mm*3.25mm	
	SS400	48.3mm*3.5mm	
	ST37	48.3mm*3.75mm	
	16Mn	48.3mm*4.0mm	



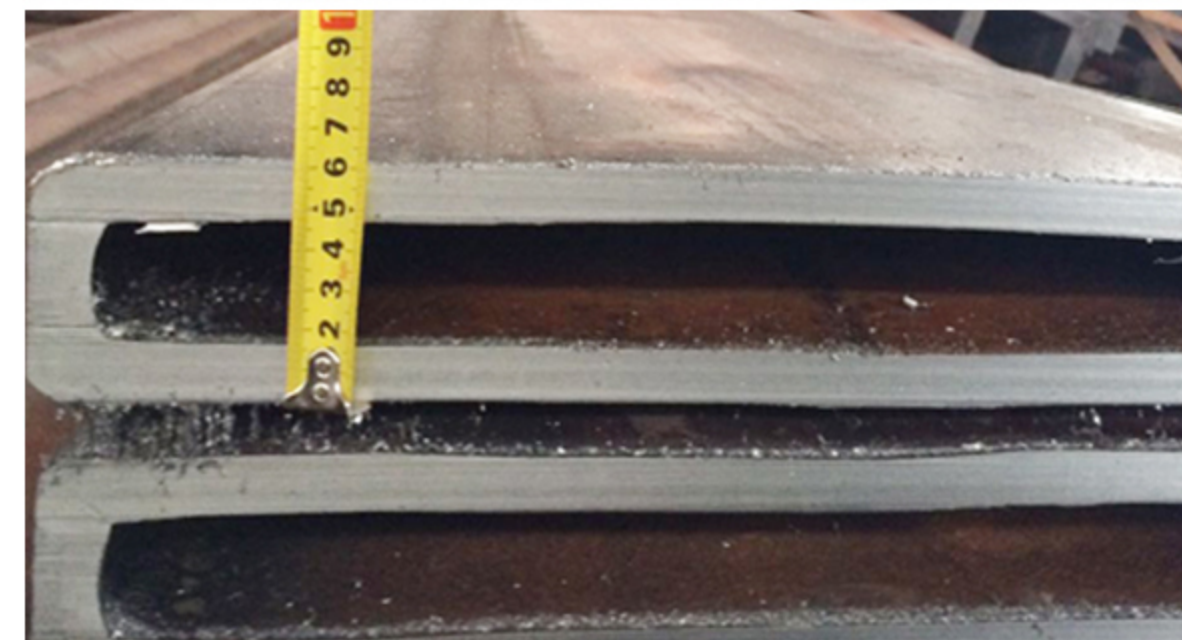
Steel Plank	
Size (mm)	kg/pcs
165*50*1.2*4000mm	12.5
165*50*1.2*3000mm	9.5
165*50*1.2*2000mm	6.38
165*50*1.2*1000mm	3.3
240*45*1.2*4000mm	14.87
240*45*1.2*3000mm	11.23
240*45*1.2*2000mm	7.59
210*45*1.2*4000mm	13.6
210*45*1.2*3000mm	10.26
210*45*1.2*2000mm	6.93
210*45*1.2*1000mm	3.59
250*50*1.2*4000mm	15.67
250*50*1.2*3000mm	11.84
250*50*1.2*1000mm	3.94
225*38*1.2*4000mm	13.6
225*38*1.2*3000mm	10.26
225*38*1.2*2000mm	6.93
230*60*1.8*2500mm	16.5
250*50*1.2*2000mm	8
250*50*1.2*1000mm	4.15



>>> Square And Rectangular Pipe

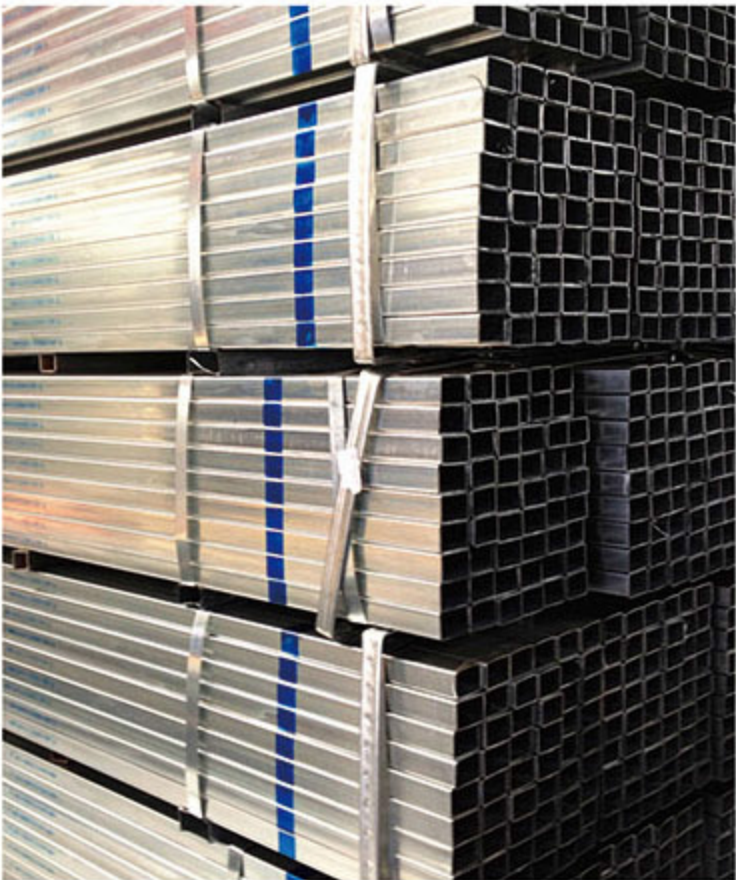
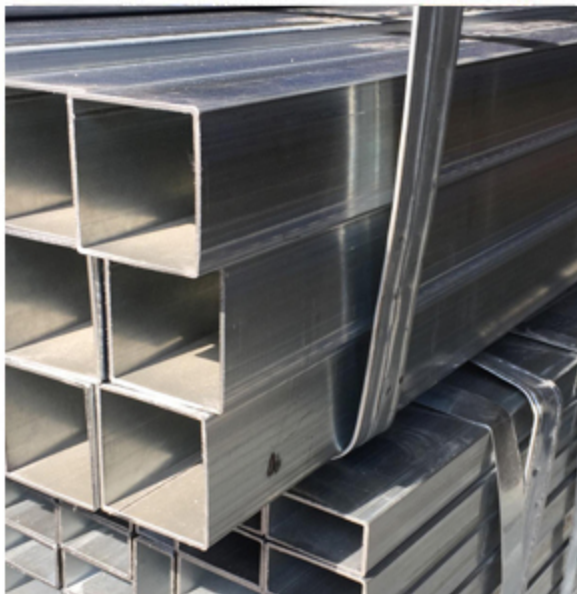
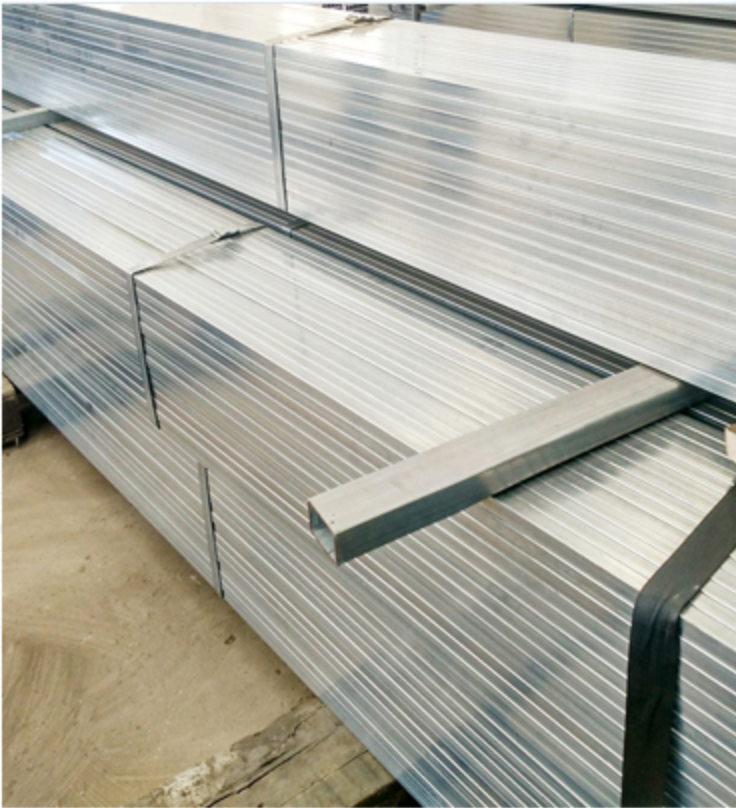


Square and Rectangle Pipe Size ASTMA500 GB/T6728			
SIZE(mm)	THICKNESS(mm)	SIZE(mm)	THICKNESS(mm)
12 x 12	0.6-1.5	20 x 10	0.6-1.5
15 x 15	0.6-1.5	25 x 12	0.6-1.5
16 x 16	0.6-1.5	38 x 19	0.6-1.5
19 x 19	0.6-1.5	50 x 25	0.6-1.5
20 x 20	0.6-1.5	50 x 30	1.6-3.0
25 x 25	1.0-2.75	60 x 40	1.5-3.5
30 x 30	1.0-2.75	75 x 50	1.5-4.0
32 x 32	1.0-3.0	80 x 40	1.5-4.0
38 x 38	1.0-3.0	100 x 50	2.0-6.0
40 x 40	1.0-3.5	100 x 60	2.0-6.0
50 x 50	1.0-5.0	100 x 75	2.0-6.0
60 x 60	1.0-6.0	120 x 60	3.0-6.0
70 x 70	1.5-6.0	125 x 50	3.0-6.0
75 x 75	1.5-6.0	125 x 75	3.0-6.0
80 x 80	2.0-6.0	150 x 50	3.0-6.0
90 x 90	2.0-6.0	150 x 75	3.0-6.0
100 x 100	2.3-6.0	150 x 100	4.0-12
120 x 120	4.0-6.0	160 x 80	4.0-6.0
125 x 125	4.0-6.0	175 x 100	4.0-12
150 x 150	4.0-8.0	200 x 100	4.0-12
200 x 200	6.0-12	200 x 150	4.0-12
250 x 250	6.0-12	250 x 150	5.0-12
300 x 300	6.0-12	300 x 200	5.0-16
400 x 400	6.0-12	400 x 200	5.0-16

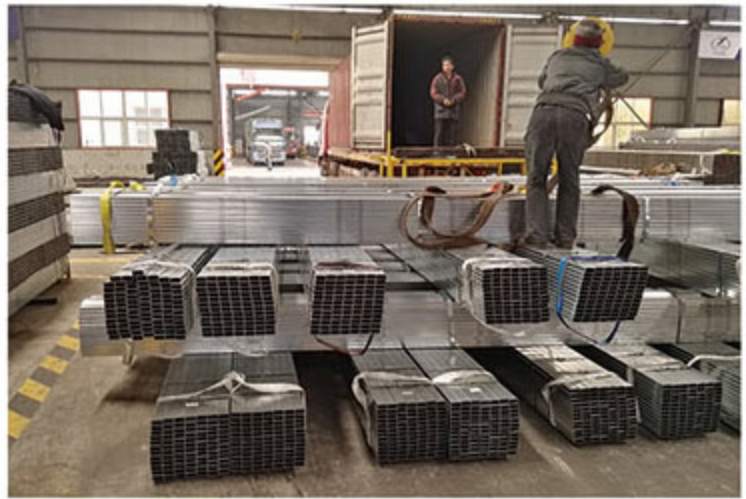


>>> Galvanized Square And Rectangular Pipe

Steel Grade Composition									
Grade and Chemical Composition & Mechanical Properties									
Grade	Class	(Chemical Composition)%					Tensile Strength σ	Yield Strength	Elongation δ
		C	Mn	Si	S	P	T.S Mpa	RE Mpa	E.L%
				(Not More Than)					
Q195		0.06-0.12	0.25-0.50	0.30	0.050	0.045	315	195	22
Q215	A	0.09-0.15	0.25-0.55	0.30	0.050	0.045	335	215	22
	B				0.045				
Q235	A	0.14-0.22	0.30-0.65	0.30	0.050	0.045	375	235	20
	B	0.12-0.20	0.30-0.70		0.045				
ASTM A53	A	0.25	0.95	0.55	0.045	0.050	330	205	
	B	0.30	1.20	0.55	0.045	0.050	415	240	
BS1387-1985		0.20	1.20	-	0.045	0.045	330~460	195	20

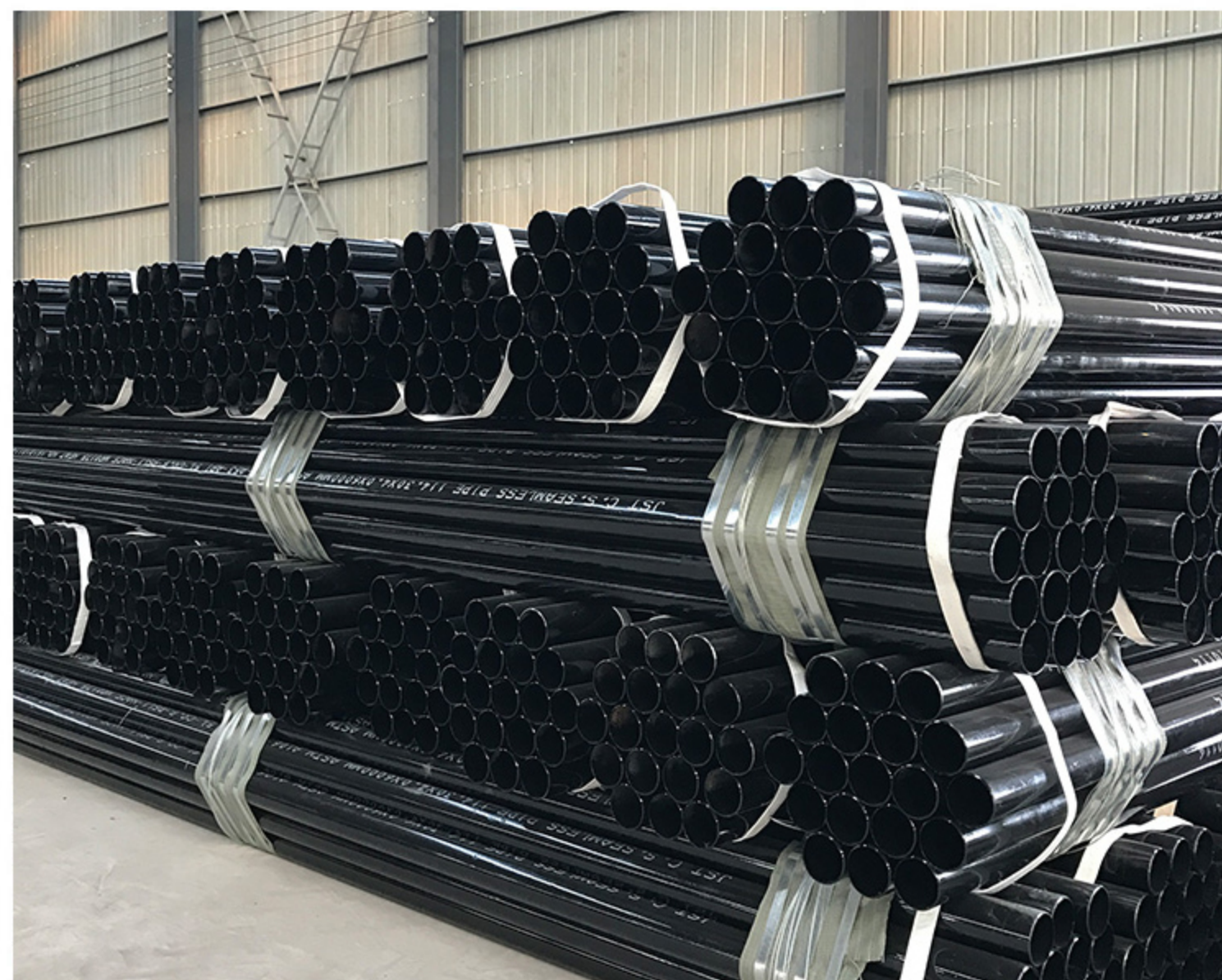


Size Table											
Specification (mm)	Available Wall Thickness(mm)										
	1.0	1.1	1.2	1.3	1.5 - 2.0	2.0 - 2.5	2.5 - 3.0	3.0 - 4.5	4.5 - 6.0	6.0 - 13	13 - 16
20x20	•	•	•	•							
25x25	•	•	•	•	•	•	•				
30x30	•	•	•	•	•	•	•				
40x40	•	•	•	•	•	•	•				
50x50			•	•	•	•	•	•	•		
60x60				•	•	•	•	•	•		
70x70				•	•	•	•	•	•		
75x75					•	•	•	•	•		
80x80					•	•	•	•	•		
100x100					•	•	•	•	•	•	
120x120							•	•	•	•	•
130x130							•	•	•	•	•
140x140							•	•	•	•	•
150x150							•	•	•	•	•
160x160							•	•	•	•	•
180x180							•	•	•	•	•
200x200								•	•	•	•
250x250									•	•	•
300x300									•	•	•
350x350									•	•	•
400x400									•	•	•
500x500									•	•	•

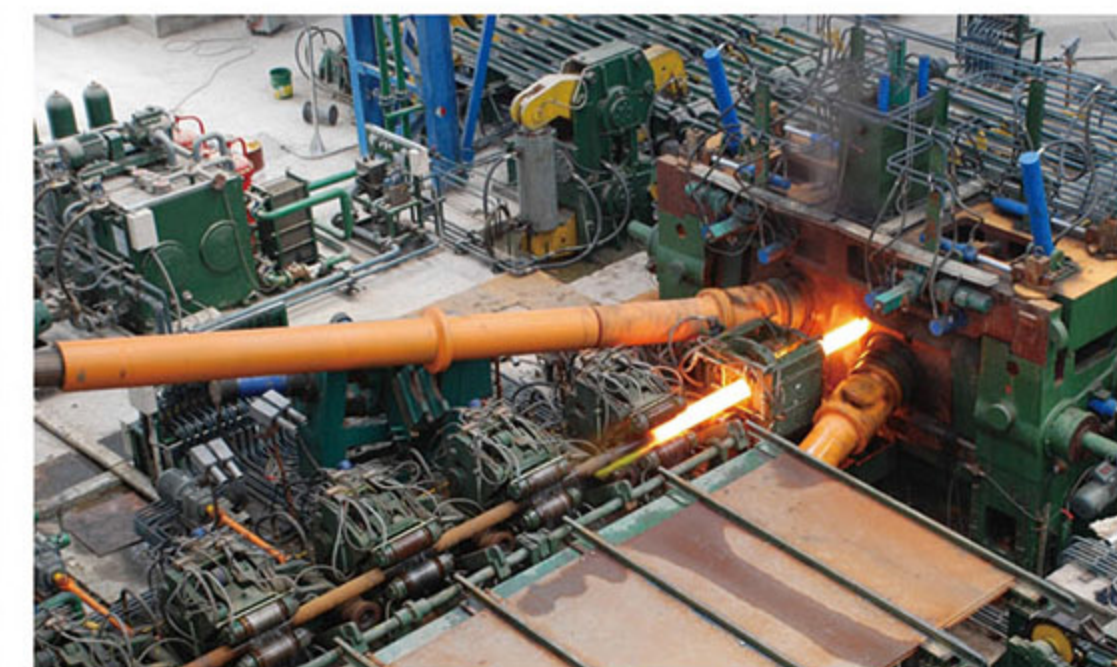


>>> Seamless Steel Pipe

Seamless steel pipe														
标准 Standard	牌号 Trade mark	化学性能 Mechemical components										机械性能 Mechanical Property		
		C	SI	Mn	P	S	Cu	Ni	Mo	Cr	V	抗拉强度 Tensile Strength (Mpa)	屈服强度 Yield Strength (Mpa)	伸长率 Elongaton (%)
ASTM A53	A	≤0.25	/	≤0.95	≤0.05	≤0.045	≤0.4	≤0.4	≤0.15	≤0.4	≤0.08	≥330	≥205	≥29.5
	B	≤0.3	/	≤1.2	≤0.05	≤0.045	≤0.4	≤0.4	≤0.15	≤0.4	≤0.08	≥415	≥240	≥29.5
ASTM A106	B	≤0.3	≥0.1	0.29-1.06	≤0.035	≤0.035	≤0.4	≤0.4	≤0.15	≤0.4	≤0.08	≥415	≥240	≥30
	C	≤0.35	≥0.1	0.29-1.06	≤0.035	≤0.035	≤0.4	≤0.4	≤0.15	≤0.4	≤0.08	≥485	≥275	≥30
ASTM A179	A179	0.06-0.18	/	0.27-0.63	≤0.035	/	/	/	/	/	/	≥325	≥180	≥35
ASTM A192	A192	0.06-0.18	≤0.25	0.27-0.63	≤0.035	/	/	/	/	/	/	≥325	≥180	≥35

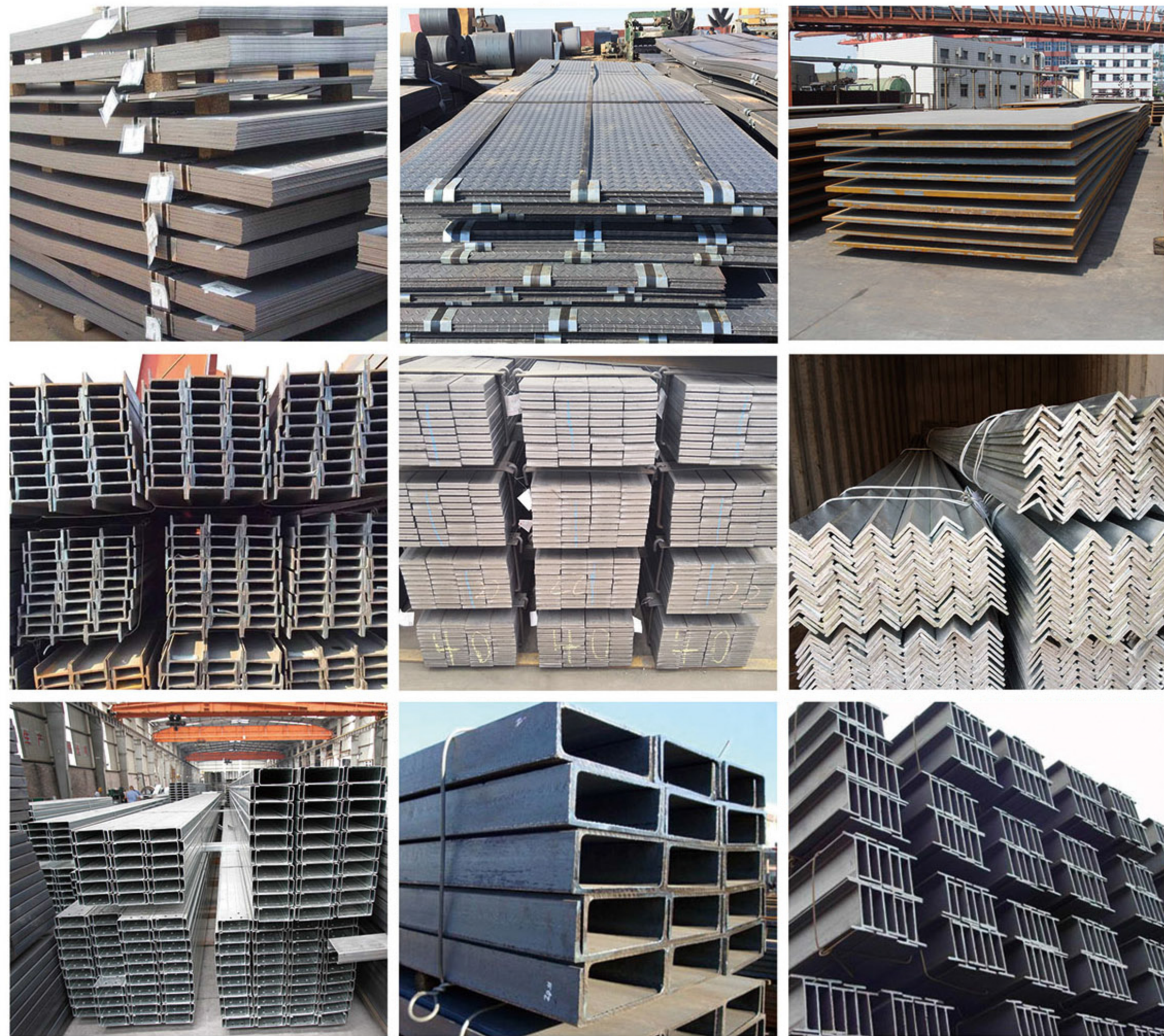


API 5L Chemical components and mechanical property PSL 1								
等级和类别 Class and Sort	化学成分 (Chemical components)				机械性能 (Mechanical property)			
	C (Max)	Mn (Max)	P (Max)	S (Max)	抗拉强度 Tensile Strength(Min)		屈服强度 Yield Strength(Min)	
					psi	Mpa	psi	Mpa
A25	0.21	0.6	0.03	0.03	45000	310	25400	175
A25P	0.21	0.6	0.045-0.08	0.03	45000	310	25400	175
A	0.022	0.9	0.03	0.03	48600	335	30500	210
B	0.028	1.2	0.03	0.03	60200	415	35500	245
X42	0.028	1.3	0.03	0.03	60200	415	42100	290
X46	0.028	1.4	0.03	0.03	63100	435	46400	320
X52	0.028	1.4	0.03	0.03	66700	460	52200	360
X56	0.028	1.4	0.03	0.03	71100	490	56600	390
X60	0.028	1.4	0.03	0.03	75400	520	60200	415
X65	0.028	1.4	0.03	0.03	7760	535	65300	450
X70	0.028	1.4	0.03	0.03	82700	570	70300	485

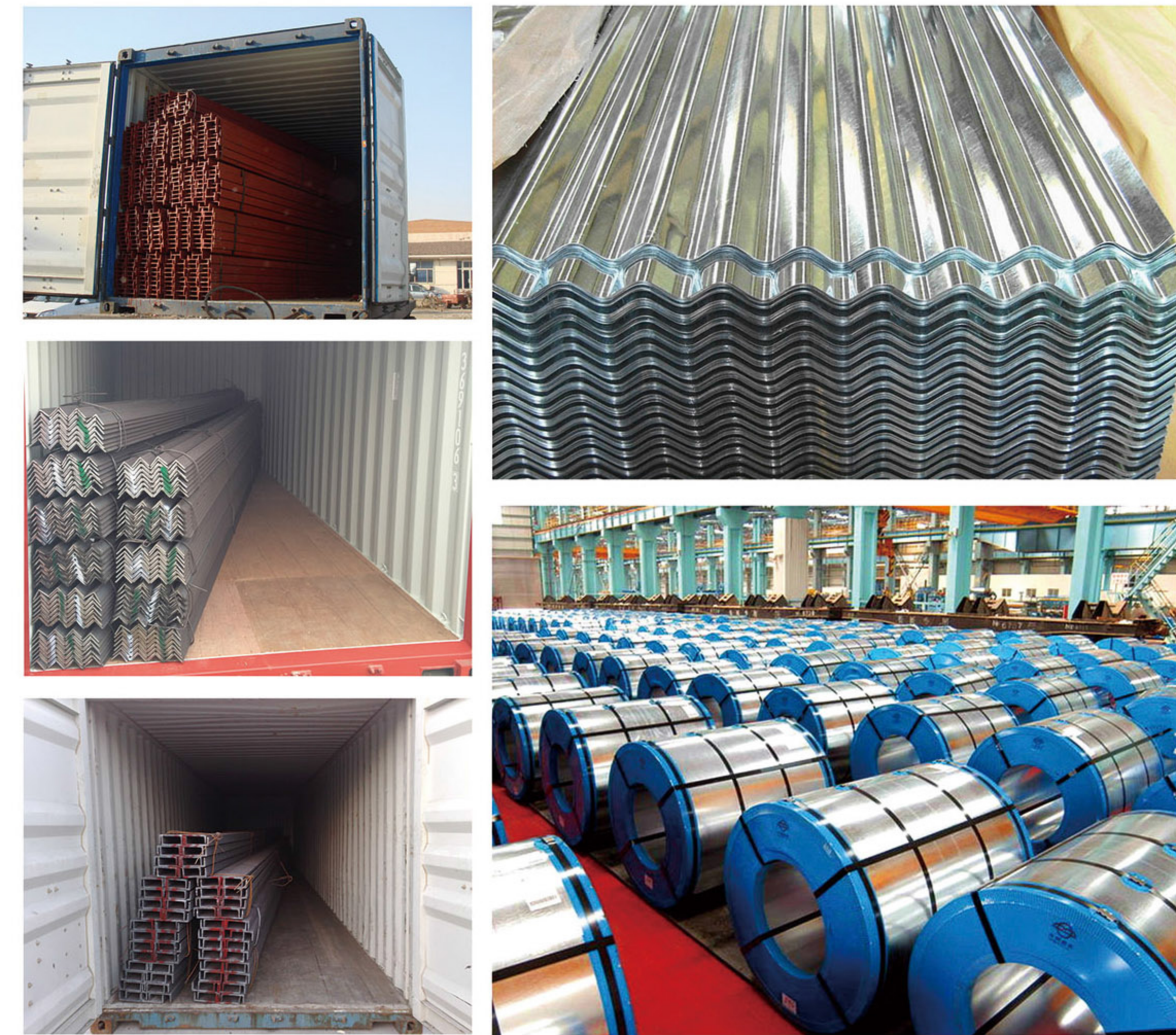


>>> Srofile Steel

Angle Bar & Flat Bar & I Beam & U Channel & H Beam				
Name	STEEL GRADE	SPECIFICATION(mm)	STANDARD	APPLICATION
IBeam	Q235B,Q345B,SS400	10/12/14/16/18/20/22/24/ 25/27/28/30/32/36/40/ 45/50/55/56/63	GB/T 706-2008 JISG 3192-2005	Building structures, Bridge,Vehiches,Bracket Machinery
ANGLE STEEL	Q235B,Q345B,SS400, S235JR/ST37-2, S355JR/ST52-3	Equal Angle Bar 20×20-250×250 Unequal Angle Bar 25×16-200×125	GB/T 9787-88 JISG 3192-2006 EN10056	Steel structure of industrial and Civil



Angle Bar & Flat Bar & I Beam & U Channel & H Beam				
Name	STEEL GRADE	SPECIFICATION(mm)	STANDARD	APPLICATION
CHANNEL STEEL	Q235B,Q345B,SS400, S235JR/ST37-2	5/6.3/8/10/12/12.6/14/16/ 18/20/22/24/25/27/28/30/ 32/26/40	GB/T 706-2008 JISG 3192-2006 EN10279-2000	Building and Steel-structure
FLAT BAR	Q235B,Q345B,SS400	Width:20-200 Thickness:2.0-30	GB/T 704-2008	Building and Steel-structure



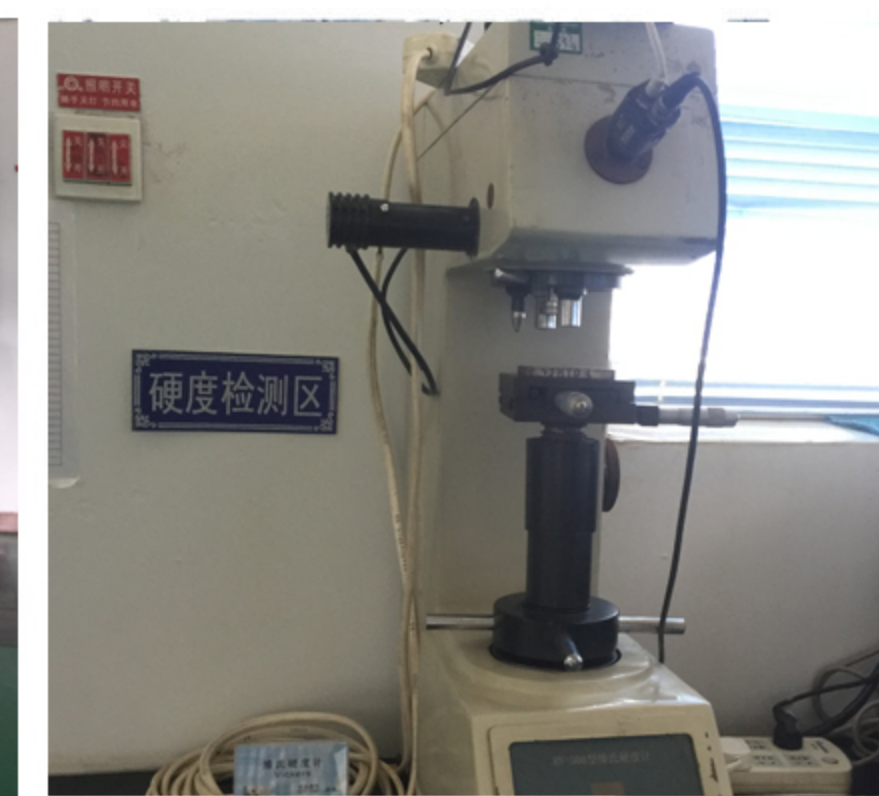
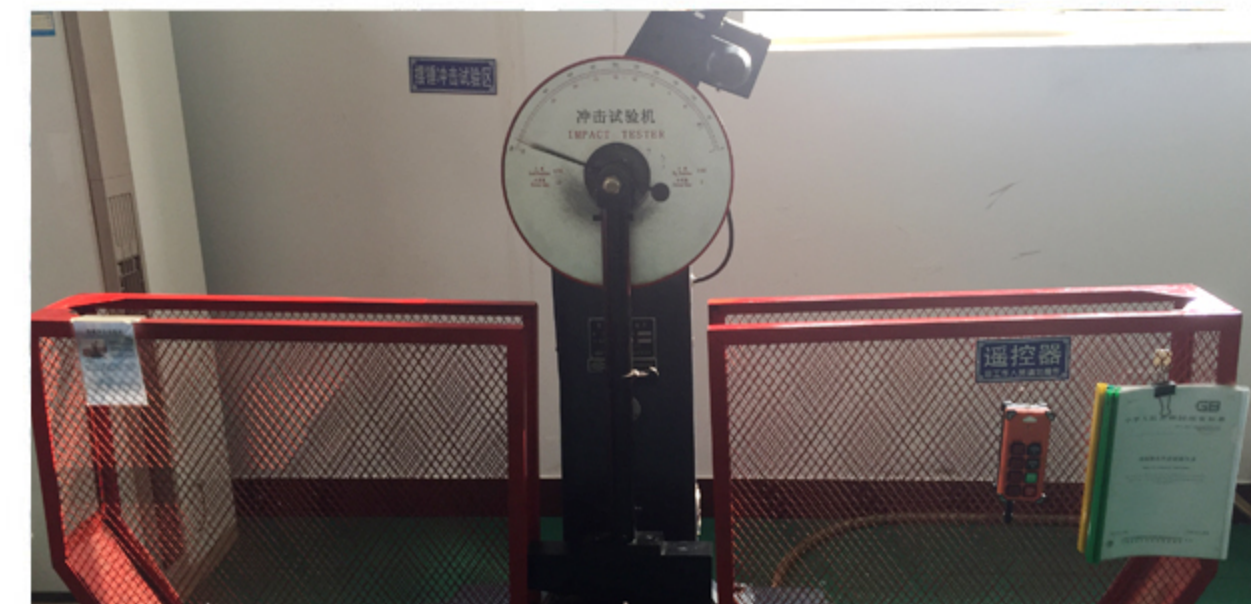
>>> Fittings

ND	OD		Center to End			Center to Center		Back to Face	
			45° ELBOW	90° ELBOW		180° ELBOW		180° ELBOW	
	Series A	Series B	Long Radius	Long Radius	Short Radius	Short Radius	Short Radius	Long Radius	Short Radius
15	21.3	18	16	38	—	76	—	48	—
20	26.9	25	16	38	—	76	—	51	—
25	33.7	32	16	38	25	76	51	56	41
32	42.4	38	20	48	32	95	64	70	52
40	48.3	45	24	57	38	114	76	83	81
50	60.3	57	32	76	51	152	92	106	100
65	76.1(73)	76	40	95	64	191	127	132	121
80	88.9	89	47	114	76	229	152	159	159
100	114.3	108	63	152	92	305	203	210	197
125	139.7	133	79	190	127	381	254	262	237
150	168.3	159	95	229	152	457	305	313	313
200	219.1	219	126	305	203	610	406	414	391
250	273	273	158	381	254	762	508	518	467
300	323.9	325	189	457	305	914	610	619	533
350	355.6	377	221	533	356	1067	711	711	610
400	406.4	426	253	610	406	1219	813	813	686
450	457	478	284	686	457	1725	914	914	762



Quality Inspection & Laboratory

Follow international standard and strict quality control.
We provide logistic supervision service to our customers
to make cargos are in good condition after loading.



PAYMENT TERMS & TRANSPORTATION

Flexible payment terms for our customers
All popular payment terms in international business
including T/T, L/C at sight, Usance L/C, D/P and Alipay
are available from us.



Cooperation shipping company



Multiple modes of transportation to
meet customer needs.