

○ 产品展示

PRODUCT

display 今天的成功 明天奋斗的动力



STSSP 圣天无缝钢管

HUIKE 汇科钢管

HEBEI SHENGTIAN GROUP SEAMLESS STEEL PIPE CO.,LTD.

HEBEI HUIKE STEEL PIPE CO.,LTD.

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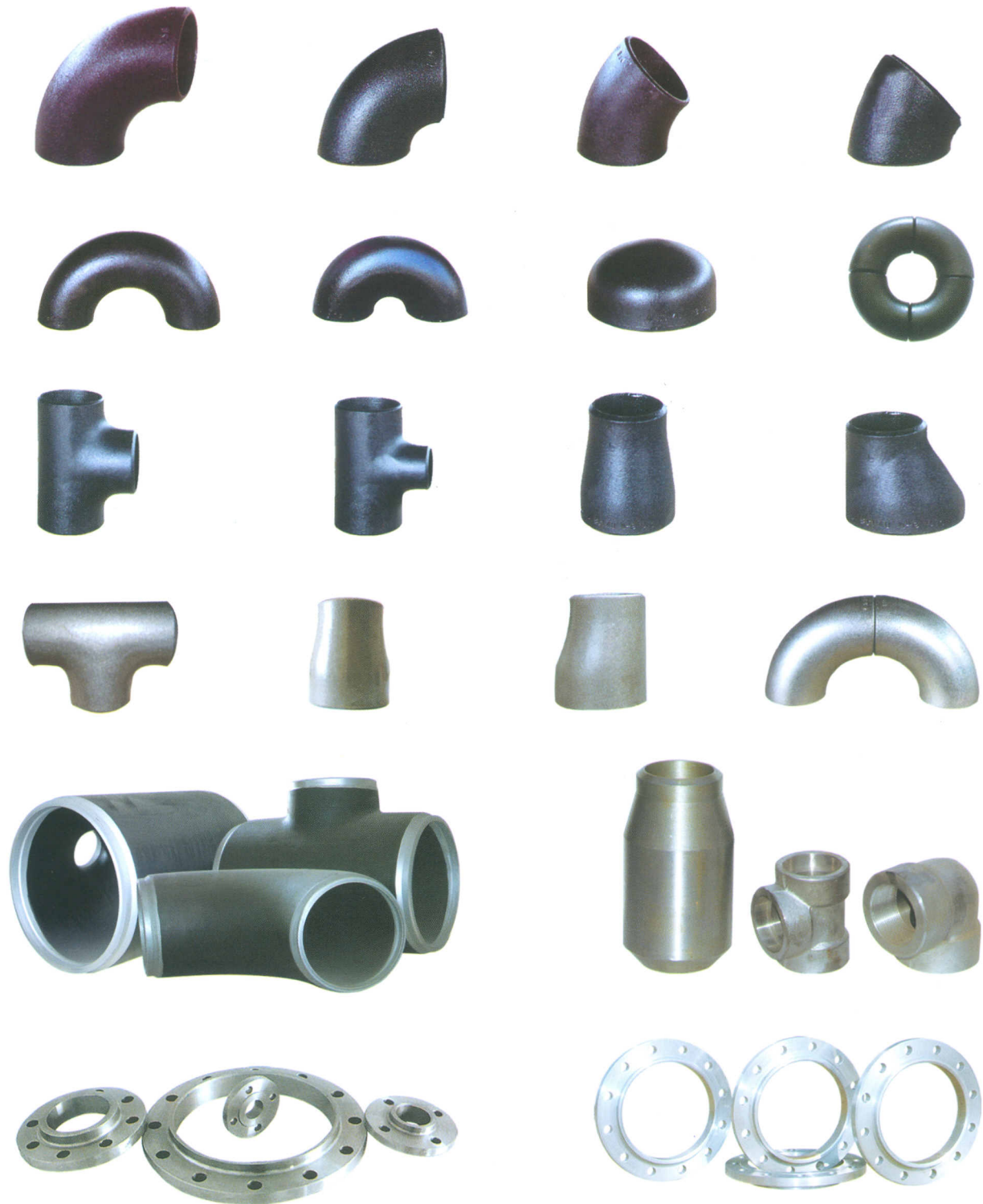
圣天集团
SHENGTIAN GROUP



屹林

○ 管件系列产品

PRODUCTS SERIES OF PIPE FITTINGS



12/13

圣天集团
SHENGTIAN GROUP



屹林

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The common materials: 20# and Q345. Technical Standard: API 5L B, ASTM A106 GR.B, ASTM A53 GR.B; High-pressure boiler pipe GB5310-1995, Special pipe for fertilizer making GB6479-2000, pipe for petroleum cracking GB9948-2000, low- and medium-pressure boiler pipe GB3087-1999, fluid pipe GB/T8163-1999, structural pipe GB/T8162-1999 and hydraulic support pipe GB/T17396-1998.

A53 化学成份、机械性能 A53 Chemical components and mechanical property

标准 Standard	牌号 Trade mark	化学成份 Chemical 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 Elongation (%)
ASTM A53	A	≤0.25	/	≤0.95	≤0.05	≤0.06	≤0.40	≤0.40	≤0.15	≤0.40	≤0.08	≥330	≥205	≥29.5
	B	≤0.30	/	≤1.2	≤0.05	≤0.06	≤0.40	≤0.40	≤0.15	≤0.40	≤0.08	≥415	≥240	≥29.5

A106 化学成份、机械性能 A106 Chemical components and mechanical property

标准 Standard	牌号 Trade mark	化学成份 Chemical 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 Elongation (%)
ASTM A106	B	≤0.30	≥0.10	0.29~1.06	≤0.035	≤0.40	≤0.40	≤0.15	≤0.40	≤0.08	≥415	≥240	≥30
	C	≤0.35	≥0.10	0.29~1.06	≤0.035	≤0.40	≤0.40	≤0.15	≤0.40	≤0.08	≥485	≥275	≥30

A192 化学成份、机械性能 A192 Chemical components and mechanical property

标准 Standard	牌号 Trade mark	化学成份 Chemical components						机械性能 Mechanical property			
		C	Si	Mn	P, S	Cu	Ni	Mo	抗拉强度 Tensile Strength (Mpa)	屈服强度 Yield Strength (Mpa)	伸长率 Elongation (%)
ASTM A192	A192	0.06~0.18	≤0.25	0.27~0.63	≤0.035	/	/	/	≥325	≥180	≥35

API 5L 化学成份、机械性能 API 5L Chemical components and mechanical property PSL 1:

等级和类别 Class and Sort	化学成份 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	CL I	0.21	0.60	0.030	0.030	45000	310	25000	172
	CL II	0.21	0.60	0.030	0.030				
A	0.22	0.90	0.030	0.030	48000	331	30000	207	
B	0.28	1.20	0.030	0.030	60000	414	35000	241	
X42	0.28	1.30	0.030	0.030	60000	414	42000	290	
X46	0.28	1.40	0.030	0.030	63000	434	46000	317	
X52	0.28	1.40	0.030	0.030	66000	455	52000	359	
X56	0.28	1.40	0.030	0.030	71000	490	56000	386	
X60	0.28	1.40	0.030	0.030	75000	517	60000	414	
X65	0.28	1.40	0.030	0.030	77000	531	65000	448	
X70	0.28	1.40	0.030	0.030	82000	565	70000	483	

API 5CT 化学成份、机械性能 API 5CT Chemical components and mechanical property

等级 Class	类别 Sort	化学成份 Chemical components										机械性能 Mechanical property									
		C		Mn		Mo		Cr		Ni	Cu	P	S	Si	屈服强度 Yield Strength (Mpa)		抗拉强度 Tensile Strength (Mpa)		硬度 Hardness		
		Min	Max	Min	Max	Min	Max	Min	Max	Max	Max	Max	Max	Max	Min	Max	Min	Max	HRC	HBW/HBC	
H40	/	/	/	/	/	/	/	/	/	/	0.030	0.030	/	276	552	414	/	/	/	/	
J55	/	/	/	/	/	/	/	/	/	/	0.030	0.030	/	379	552	517	/	/	/	/	
K55	/	/	/	/	/	/	/	/	/	/	0.030	0.030	/	379	552	655	/	/	/	/	
N80	1	/	/	/	/	/	/	/	/	/	0.030	0.030	/	552	758	689	/	/	/	/	
	0	/	/	/	/	/	/	/	/	/	0.030	0.030	/	552	758	689	/	/	/	/	
M65	/	/	/	/	/	/	/	/	/	/	0.030	0.030	/	448	586	586	22	235	/	/	
	1	/	0.43	/	1.90	/	/	/	/	0.25	0.35	0.030	0.030	0.45	552	655	655	23	241	/	/
L80	9Cr	/	0.15	0.30	0.60	0.90	1.10	8.0	10.00	0.50	0.25	0.020	0.010	1.00	552	655	655	23	241	/	/
	13Cr	0.15	0.22	0.25	1.00	/	/	12.0	14.00	0.50	0.25	0.020	0.010	1.00	552	655	655	23	241	/	/
C90	1	/	0.35	/	1.00	0.25	0.75	/	1.20	0.99	/	0.020	0.010	/	621	724	689	25.4	255	/	/
	2	/	0.50	/	1.90	/	NL	/	NL	0.99	/	0.030	0.010	/	621	724	689	25.4	255	/	/
T95	1	/	0.35	/	1.20	0.25	0.85	0.40	1.50	0.99	/	0.020	0.010	/	655	758	724	25.4	255	/	/
	2	/	0.50	/	1.90	/	/	/	/	0.99	/	0.030	0.010	/	655	758	724	25.4	255	/	/
P110	/	/	/	/	/	/	/	/	/	/	0.030	0.030	/	758	965	862	/	/	/	/	



无缝钢管技术参数

TECHNICAL PARAMETERS OF SEAMLESS STEEL PIPE

Size and Weight of Seamless Roll Steel Pipe
无缝轧制钢管的尺寸和重量

ASME B36.10M-1996

Nominal Diameter 公称直径		Outside Diameter 外径		标准厚 (STD) 加厚 (XS) 特加厚 (XXS)	Sch.no 管壁厚度号	Wall Thickness 壁厚		Nominal Weight 公称重量	
NPS	DN	in.英寸	mm毫米			in.英寸	mm毫米	lb/ft磅/英尺	kg/m千克/米
1/8	...	0.405	10.3	STD	40	0.068	1.73	0.24	0.37
1/8	...	0.405	10.3	XS	80	0.095	2.41	0.31	0.47
1/4	...	0.540	13.7	STD	40	0.088	2.24	0.42	0.63
1/4	...	0.540	13.7	XS	80	0.119	3.02	0.54	0.80
3/8	10	0.675	17.1	STD	40	0.091	2.31	0.57	0.84
3/8	10	0.675	17.1	XS	80	0.126	3.20	0.74	1.10
1/2	15	0.840	21.3	STD	40	0.109	2.77	0.85	1.27
1/2	15	0.840	21.3	XS	80	0.147	3.73	1.09	1.62
1/2	15	0.840	21.3	...	160	0.188	4.78	1.31	1.95
3/4	20	1.050	26.7	STD	40	0.113	2.87	1.13	1.69
3/4	20	1.050	26.7	XS	80	0.154	3.91	1.47	2.20
3/4	20	1.050	26.7	...	160	0.219	5.56	1.94	2.90
1	25	1.315	33.4	STD	40	0.133	3.38	1.68	2.50
1	25	1.315	33.4	XS	80	0.179	4.55	2.17	3.24
1	25	1.315	33.4	...	160	0.250	6.35	2.84	4.24
1 1/4	32	1.660	42.2	STD	40	0.140	3.56	2.27	3.39
1 1/4	32	1.660	42.2	XS	80	0.191	4.85	3.00	4.47
1 1/4	32	1.660	42.2	...	160	0.250	6.35	3.76	5.61
1 1/2	40	1.900	48.3	STD	40	0.145	3.68	2.72	4.05
1 1/2	40	1.900	48.3	XS	80	0.200	5.08	3.63	5.41
1 1/2	40	1.900	48.3	...	160	0.281	7.14	4.86	7.25
2	50	2.375	60.3	STD	40	0.154	3.91	3.65	5.44
2	50	2.375	60.3	XS	80	0.218	5.54	5.02	7.48
2	50	2.375	60.3	...	160	0.344	8.74	7.46	11.11
2 1/2	65	2.875	73.0	STD	40	0.203	5.16	5.79	8.63
2 1/2	65	2.875	73.0	XS	80	0.276	7.01	7.66	11.41
2 1/2	65	2.875	73.0	...	160	0.375	9.35	10.01	14.92
3	80	3.500	88.9	STD	40	0.216	5.49	7.58	11.29
3	80	3.500	88.9	XS	80	0.300	7.62	10.25	15.27
3	80	3.500	88.9	...	160	0.438	11.13	14.32	21.35



Size and Weight of Seamless Roll Steel Pipe
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Nominal Diameter 公称直径		Outside Diameter 外径		标准厚 (STD) 加厚 (XS) 特加厚 (XXS)	Sch.no 管壁厚度号	Wall Thickness 壁厚		Nominal Weight 公称重量	
NPS	DN	in.英寸	mm毫米			in.英寸	mm毫米	lb/ft磅/英尺	kg/m千克/米
3 1/2	...	4.00	101.6	STD	40	0.226	5.74	9.11	13.57
3 1/2	...	4.00	101.6	XS	80	0.318	8.08	12.50	18.63
4	100	4.500	114.3	STD	40	0.237	6.02	10.79	16.07
4	100	4.500	114.3	XS	80	0.337	8.56	14.98	22.32
4	100	4.500	114.3	...	120	0.438	11.13	19.00	28.32
4	100	4.500	114.3	...	160	0.531	13.49	22.51	33.54
5	125	5.563	141.3	STD	40	0.258	6.55	14.62	21.77
5	125	5.563	141.3	XS	80	0.375	9.53	20.78	30.97
5	125	5.563	141.3	...	120	0.500	12.70	27.04	40.28
5	125	5.563	141.3	...	160	0.625	15.88	32.96	49.11
6	150	6.625	168.3	STD	40	0.280	7.11	18.97	28.26
6	150	6.625	168.3	XS	80	0.432	10.97	28.57	42.56
6	150	6.625	168.3	...	120	0.562	14.27	36.39	54.20
6	150	6.625	168.3	...	160	0.719	18.26	45.35	67.56
8	200	8.625	219.1	STD	40	0.322	8.18	28.55	42.55
8	200	8.625	219.1	XS	80	0.500	12.70	43.39	64.64
8	200	8.625	219.1	...	120	0.719	18.26	60.71	90.44
8	200	8.625	219.1	...	160	0.906	23.01	74.69	111.27
10	250	10.750	273.0	...	20	0.250	6.35	28.04	41.77
10	250	10.750	273.0	STD	40	0.365	9.27	40.48	60.31
10	250	10.750	273.0	...	80	0.594	15.09	64.43	96.01
10	250	10.750	273.0	...	120	0.844	21.44	89.29	133.06
10	250	10.750	273.0	...	160	1.125	28.58	115.64	172.33
12	300	12.750	323.8	...	20	0.250	6.35	33.38	49.73
12	300	12.750	323.8	...	40	0.406	10.31	53.52	79.73
12	300	12.750	323.8	...	80	0.688	17.48	88.63	132.08
12	300	12.750	323.8	XXS	120	1.000	25.40	125.49	186.97
12	300	12.750	323.8	...	160	1.312	33.32	160.27	238.76

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无缝钢管技术参数

TECHNICAL PARAMETERS OF SEAMLESS STEEL PIPE

Size and Weight of Seamless Roll Steel Pipe
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Nominal Diameter 公称直径		Outside Diameter 外径		标准厚 (STD) 加厚 (XS) 特加厚 (XXS)	Sch.no 管壁厚度号	Wall Thickness 壁厚		Nominal Weight 公称重量	
NPS	DN	in.英寸	mm毫米			in.英寸	mm毫米	lb/ft磅/英尺	kg/m千克/米
14	350	14.000	355.6	...	10	0.250	6.35	36.71	54.69
14	350	14.000	355.6	...	20	0.312	7.92	45.61	67.90
14	350	14.000	355.6	STD	30	0.375	9.53	54.57	81.33
14	350	14.000	355.6	...	40	0.438	11.13	63.44	94.55
14	350	14.000	355.6	...	60	0.594	15.09	85.05	126.71
14	350	14.000	355.6	...	80	0.750	19.05	106.13	158.10
14	350	14.000	355.6	...	120	1.094	27.79	150.79	224.65
14	350	14.000	355.6	...	160	1.406	35.71	189.11	281.70
16	400	16.000	406.4	...	20	0.312	7.92	52.27	77.83
16	400	16.000	406.4	STD	30	0.375	9.53	62.58	93.27
16	400	16.000	406.4	XS	40	0.500	12.70	82.77	123.30
16	400	16.000	406.4	...	60	0.656	16.66	107.50	160.12
16	400	16.000	406.4	...	80	0.844	21.44	136.61	203.53
18	450	18.000	457	...	20	0.312	7.92	58.94	87.71
18	450	18.000	457	...	30	0.438	11.13	82.15	122.38
18	450	18.000	457	...	40	0.562	14.27	104.67	155.80
18	450	18.000	457	...	60	0.750	19.05	138.17	205.74
18	450	18.000	457	...	80	0.938	23.83	170.92	254.55
18	450	18.000	457	...	100	1.156	29.36	207.96	309.62
20	500	20.000	508	STD	20	0.375	9.53	78.60	117.15
20	500	20.000	508	XS	30	0.500	12.70	104.13	155.12
20	500	20.000	508	...	40	0.594	15.09	123.11	183.42
20	500	20.000	508	...	60	0.812	20.62	166.40	247.83
20	500	20.000	508	...	80	1.031	26.19	208.87	311.17



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Nominal Diameter 公称直径		Outside Diameter 外径		标准厚 (STD) 加厚 (XS) 特加厚 (XXS)	Sch.no 管壁厚皮号	Wall Thickness 壁厚		Nominal Weight 公称重量	
NPS	DN	in.英寸	mm毫米			in.英寸	mm毫米	lb/ft磅/英尺	kg/m千克/米
22	500	22.000	559	STD	20	0.375	9.53	86.61	129.13
22	500	22.000	559	XS	30	0.500	12.70	114.81	171.09
22	500	22.000	559	...	60	0.875	22.23	197.41	294.25
22	500	22.000	559	...	80	1.125	28.58	250.81	373.83
22	500	22.000	559	...	100	1.375	34.93	302.88	451.42
24	600	24.000	610	STD	20	0.375	9.53	94.62	141.12
24	600	24.000	610	...	30	0.562	14.27	140.68	209.64
24	600	24.000	610	...	40	0.688	17.48	171.29	255.41
24	600	24.000	610	...	60	0.969	24.61	238.35	355.26
24	600	24.000	610	...	80	1.219	30.96	296.58	442.08
26	600	26.000	660	STD	...	0.375	9.53	102.63	152.87
26	600	26.000	660	...	...	0.406	10.31	110.98	165.18
26	600	26.000	660	XS	20	0.500	12.70	136.17	202.72
26	600	26.000	660	...	...	0.562	14.27	152.68	227.23
28	700	28.000	711	STD	...	0.375	9.53	110.64	164.85
28	700	28.000	711	...	...	0.406	10.31	119.65	178.15
28	700	28.000	711	XS	20	0.500	12.70	146.85	218.69
28	700	28.000	711	...	...	0.562	14.27	164.69	245.18
28	700	28.000	711	...	30	0.625	15.88	182.73	271.21
30	700	30.000	762	STD	...	0.375	9.53	118.65	176.84
30	700	30.000	762	...	...	0.406	10.31	128.32	191.11
30	700	30.000	762	XS	20	0.500	12.70	157.53	234.67
30	700	30.000	762	...	...	0.562	14.27	176.69	263.12
30	700	30.000	762	...	30	0.625	15.88	196.08	292.18

