



S31803 / S32205 Small Size 1/8" Duplex Seamless Steel Pipe

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: KASUGAI
- Certification: ISO ; PED
- Model Number: ASTM A312
- Minimum Order Quantity: 1 TON
- Price: USD
- Packaging Details: SEA WORTHY PACKAGE
- Delivery Time: 60 DAYS
- Payment Terms: L/C, T/T
- Supply Ability: 200 TONS/MONTH



Product Specification

- Highlight: 1/8" Seamless Steel Pipe,
Small Size Seamless Steel Pipe,
Duplex Seamless Steel Pipe

Product Description

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S31803 / S32205 Small Size 1/8 " Duplex Seamless Steel Pipe

Duplex Stainless Steel Tube Application

Duplex stainless steel is a very useful metal that is used the world over. It gets its name from the fact that it consists of two different grades of metal.

Essentially, Duplex is a Fe-Ni-Cr alloy that has a two-phase ferritic-austenitic stainless-steel microstructure when it is at room temperature.

Duplex Stainless Steel Tube Contents

Duplex steels are characterised by high chromium (19–28%) and molybdenum (up to 5%) and lower nickel contents than austenitic stainless steels. The most used duplex stainless steels are the 2205 (22% Chromium, 5% Nickel) and the 2507 (25% Chromium, 7% Nickel); 2507 is known as "super duplex" due to its higher resistance to corrosion.

Duplex Stainless Steel Tube Specification

Item	Description	
Basic Information	Material Grade	S32205 , S31803 , S32304 , S32750 , F51 , F53 , 2205 , 2507 etc
	Outer Diameter	3.18mm - 101.6mm
	Wall Thickness	0.5mm - 20mm
	Length	Normally fixed length 6m , can as per customer's requirement
	Standard	ASTM A789 ; ASTM A790 ; EN 10216-5 etc.
	Process Method	Cold Drawn or Cold Rolled

Specifications :

DN	NPS(Inch)	D(mm)	SCH5S	SCH10S	SCH40S	STD	SCH40	SCH80	XS	SCH80S	SCH160	XXS
6	1/8	10.30	-	1.24	1.73	1.73	1.73	2.41	2.41	2.41	-	-
8	1/4	13.70	-	1.65	2.24	2.24	2.24	3.02	3.02	3.02	-	-
10	3/8	17.10	-	1.65	2.31	2.31	2.31	3.20	3.20	3.20	-	-
15	1/2	21.30	1.65	2.11	2.77	2.77	2.77	3.73	3.73	3.73	4.78	7.47
20	3/4	26.70	1.65	2.11	2.87	2.87	2.87	3.91	3.91	3.91	5.56	7.82
25	1	33.40	1.65	2.77	3.38	3.38	3.38	4.55	4.55	4.55	6.35	9.09

Application

a) **Petroleum:** Super duplex Stainless Steel is a highly alloyed , good performance duplex steel with a pitting resistance . Super Duplex offers good resistance to pitting and crevice corrosion .

b) Chemical industry

c) Instrument

d) Industrial transportation

e) Mechanical structure industry

f) Need high corrosion ability pipe's industry, such as offshore industry etc



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