ASME B1.20.1 Stainless Steel Pipe Fittings Hexagon Head Threaded Plug ASTM A351

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: KASUGAI
- Certification: ISO-9001; PED; AD 2000
- Model Number: ASME B1.20.1 ASTM A351 Stainless Steel Hexagon Head Threaded Plug
- Minimum Order Quantity: TO BE NEGOTIATED
- Price: PER BASE MATERIAL PRICE
- Packaging Details: SEAWORTHY PACKING
- Delivery Time: 60 DAYS FOR ONE CONTAINER
- Payment Terms: L / C , T / T
- Supply Ability: 100 TONS / MONTH

Product Specification

- Product Name: ASME B1.20.1 ASTM A351 Stainless Steel Hexagon Head Threaded Plug
- Size Range: 1/8" To 4"
- Thread Types: ASME B1.20.1(NPT), BS 21 (NSPT), DIN2999/259
- Pressure Class: Class 150, 1000, 2000, 3000, 6000 And 9000
- Materials: ASTM A351 (CF8, CF8M), JIS(SCS13, SCS14), AISI (304/L,316/L), ASTM A182/A276 (304/L, 316/L),
- Dimensions: ISO 49-1994(E), MSS SP-114, ANSI B16.3
- Applications: Plumbing, Industrial, And Commercial Systems
- Highlight: **ASME B1.20.1 Stainless Steel Pipe Fittings**, **ASTM A351 Stainless Steel Pipe Fittings**, **Hexagon Head Stainless Steel Pipe Fittings**

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Product Description

ASME B1.20.1 ASTM A351 Stainless Steel Hexagon Head Threaded Plug
Stainless Steel Casting Screw Fittings

A Hexagon Head Threaded Plug is a type of pipe fitting used to seal the end of a pipe or fitting in plumbing and piping systems.The hexagon head threaded plug is designed to close off the end of a pipe or fitting securely in a threaded system.Widely used in plumbing, industrial, and commercial systems where temporary or permanent closure of threaded openings is needed.

Secure Closure: Provides a tight and leak-free seal when properly installed.

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Pressure Class	Class 150, 1000, 2000, 3000, 6000 and 9000
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ASTM A351 CF8 and CF8M
ASTM A351 CF8 and CF8M are austenitic stainless steel, exhibit good strength and ductility. CF8/CF8M are widely applied in pump and valve, marine, chemical processing, food processing industries, CF8 is also be applied in nuclear and defense industries.

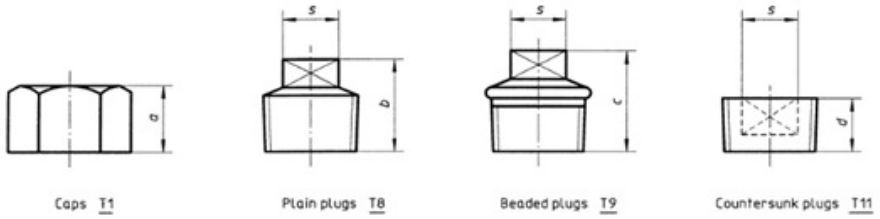
ASTM A351 CF8/CF8M Chemical Composition (%)

Grade	C	Mn	Cr	Mo	Ni	Fe	Cu
CF8	0-0.08	0-1.5	18-21	0-0.5	9-11	Bal	0.00-0.00
CF8M	0-0.08	0-1.5	18-21	2-3	9-12	Bal	0.00-0.00

ASTM A351 CF8/CF8M Mechanical Properties

Grade	Tensile Strength (ksi)	Yield Strength (ksi)	Elongation (%)	Hardness (Brinell)
CF8	0.00-70	30	35	134-196
CF8M	0.00-70	30	30	146-212

ISO 49-1994(E) dimensions of Caps and Plugs (mm)



Fitting Sizes (inch)				Dimensions (mm)			
T1	T8	T9	T11	a min	b min	c min	d min
(⅛)	⅛	⅛	—	13	11	20	—
¼	¼	¼	—	15	14	22	—
⅜	⅜	⅜	(⅜)	17	15	24	11
½	½	½	(½)	19	18	26	15
¾	¾	¾	(¾)	22	20	32	16
1	1	1	(1)	24	23	36	19
1¼	1¼	1¼	—	27	29	39	—
1½	1½	1½	—	27	30	41	—
2	2	2	—	32	36	48	—
2½	2½	2½	—	35	39	54	—
3	3	3	—	38	44	60	—
4	4	4	—	45	58	70	—

Benefits of Stainless Steel Casting Screw Fittings
Stainless steel casting combines good corrosion resistance and high strength, which allows the reduction in wall thickness and weight of pipe fittings. Besides, it can withstand very high flow rates, making it capable to withstand long-term exposure to the elements in almost any environment.
Cast stainless steel pipe fittings can be used in all types of water, including drinking water in public supply. They have an excellent resistance to the full range of potable waters, including various chloride levels. At the end of its useful life, cast stainless steel is fully recyclable and retains a higher residual scrap value than ordinary cast steel.
Stainless steel casting of pipe fittings requires low maintenance and does not need an additional coating, in both indoor and

outdoor applications. The expected lifetime of a stainless steel pipe fitting is more than 50 years, reducing system down time, replacement and maintenance costs over the life of the installation.
Last but not the least, stainless steel casting is afforable to produce any type of pipe fittings, and it can produce pipe fittings in both high and small volumes.

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