



NPT BSPP BSPT 6000# Forged Round High Pressure Plug

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: DEYE
- Certification: ISO9001:2015 PED
- Model Number: PF-BS-F09
- Minimum Order Quantity: 10PCS
- Price: USD2-USD50 each pc as per different material
- Packaging Details: cartons + ply-wooden cases
- Delivery Time: 7 days for stock items
- Payment Terms: L/C, , T/T, D/P
- Supply Ability: 10000pcs each momth



Product Specification

- Highlight: Forged high pressure plug,
BSPT high pressure plug,
NPT high pressure pipe plugs

Product Description

6000# Forged High Pressure Round Plug With NPT BSPP BSPT

Caps & Plugs: Both these pipe fittings are used to close the ends Caps & Plugs of the pipe either temporarily or permanently. The plugs are fitted inside the pipe and threaded to keep the pipe for future use. There are a good number of ways a cap can be applied to the pipe like soldering, glue, or threading depending on the material of the pipe.

Product Information/Product Description/Basis Information/Specification

Production Name	ANSI B16.11 Forged pipe fittings with Socket Welded ends or Threaded ends
Types	90deg Elbow, 45deg Elbows, Street elbow, Tee, cross, full Coupling, half coupling, square Cap, square plug, Hex. Nipples, Bushing, Union, Barrel Nipple, Boss, weldolet, socketolet, threadolet etc
Size Range	1/8" 3/4" 3/8" 1/2" 3/4" 1" 1-1/4" 1-1/2" 2" 2-1/2" 3" 4"
Threaded Types	NPT ANSI B16.25 DIN BSPT
Material	Carbon Steel: ASTM A105 ,A 182 Grade F 1, A 182 Grade F 5, A 182 Grade F 9, A 182 Grade F 11, f12, f22 A 350 Grade LF 1, A 350 Grade LF2, A 350 Grade LF 4, A 350 Grade LF6, LF8 Stainless Steel: F304(L), F316(L), SS321, SS347H, 904L DUPELX SS 2507, 2205, UNS31803, UNS32750 18Cr-10Ni-Ti 25Cr-20Ni 22Cr-5Ni-3Mo-N 25Cr-7Ni-4Mo-N 24Cr-10Ni-4Mo-V 25Cr-7Ni-3.5Mo-W-Cb 25Cr-7Ni-3.5Mo-N-Cu-W
Standard	ANSI B16.11, MSS-SP 97, JIS, etc
Pressure	2000lbs, 3000lbs, 6000lbs, 9000lbs, etc

Features /Characteristics

•DURABLES

Selected raw materials, The quality of raw materials is the top priority. Strict quality control and test to make the raw Material meets both requirements on Chemical composition and Mechanical Properties.

•PRECISION

Advanced CNC machining center and experienced technicians make the products in a precise dimension, less tolerance, bigly improve the quality of originality.

•CUSTOMIZE

Professional Engineers can design the Forged high-pressure fittings in standard and non standard customized according to customers' requirements both on specifications and materials

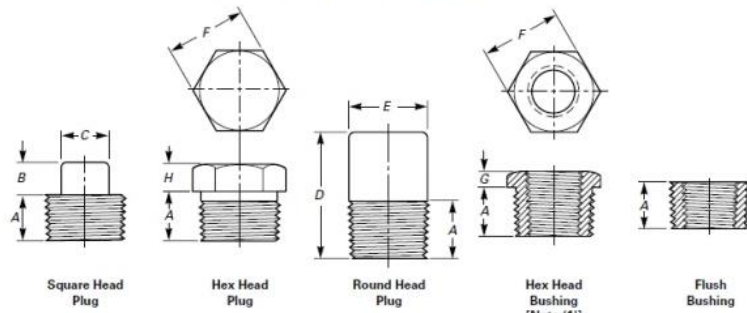
•STRICT

We have completed testing equipment's here in our factory like spectrograph, hardness tester, Impact Test Equipment, CMM, ect. All these testing dates will be recorded in the testing reports and sent to our customers for checking

Technology/ Technical Data Sheets

Forged Threaded Plugs and Bushing

Table 5 Plugs and Bushings



Nominal Pipe Size	Square Head Plugs			Round Head Plugs		Hex Plugs and Bushings		
	Minimum Length, A	Minimum Square Height, B	Minimum Width Flats, C	Nominal Head Diameter, E	Minimum Length, D	Nominal Width Flats, F	Minimum Hex Height Bushings, G	Plug, H
1/8	10	6	7	10	35	11	...	6
1/4	11	6	10	14	41	16	3	6
3/8	13	8	11	18	41	18	4	8
1/2	14	10	14	21	44	22	5	8
3/4	16	11	16	27	44	27	6	10
1	19	13	21	33	51	36	6	10
1 1/4	21	14	24	43	51	46	7	14
1 1/2	21	16	28	48	51	50	8	16
2	22	18	32	60	64	65	9	18
2 1/2	27	19	36	73	70	75	10	19
3	28	21	41	89	70	90	10	21
4	32	25	65	114	76	115	13	25

GENERAL NOTE: Dimensions are in millimeters.

NOTE:

(1) Cautionary Note Regarding Hex Bushings: Hex head bushings of one-size reduction should not be used in services where they might be subject to harmful loads and forces other than internal pressures.

Application/Usage

Forged high pressure fittings are commonly used in a variety of industries and applications involving high pressure fluid or gas systems. Some specific applications and uses of forged high pressure fittings include: Oil and Gas Industry, Power Generation, Chemical Processing, Pharmaceutical industry, Water Treatment, Mining and Construction, Aerospace and Defense HVAC and Piping

Material Specification :

Forged high pressure pipefittings here mentioned below are only a few of those covered by B16.11 standard. The physical and chemical values indicated correspond to the latest issued standard, although they are affected by modifications year after year, so we suggest to use them only as a guide.

Chemical Composition

ASTM Designation		Analysis in %							
		C	Mn	Si	Max. P	Max. S	Cr	Ni	Mo
A105 - 05									
		max. 0.35	0.60 - 1.05	0.10 - 0.35	0.035	0.04	max. 0.3 ^{3 4}	max. 0.4 ^{3 4}	max. 0.12 ³
A182 - 07									
Grades	F1 F5	max. 0.25	0.60 - 0.90	0.15 - 0.35	0.045	0.045	4.00 - 6.00		0.44 - 0.65
	F11 Cl. 1	max. 0.15	0.30 - 0.60	max. 0.50	0.030	0.030	1.00 - 1.50	max. 0.50	0.44 - 0.65
		0.05 - 0.15	0.30 - 0.60	0.50 - 1.00	0.030	0.030			0.44 - 0.65
	F11 Cl. 2 / Cl. 3	0.10 - 0.20	0.30 - 0.80	0.50 - 1.00	0.040	0.040	1.00 - 1.50		0.44 - 0.65
	F22 Cl. 1 / Cl. 3	0.05 - 0.15	0.30 - 0.60	max. 0.5	0.040	0.040	2.00 - 2.50	8.00 - 11.00	0.44 - 0.65
	F304 ¹	max. 0.08	max. 2.00	max. 1.00	0.045	0.030	18.00 - 20.00		0.87 - 1.13
	F304 L ¹	max. 0.030	max. 2.00	max. 1.00	0.045	0.030	18.00 - 20.00	8.00 - 13.00	
	F316 ¹	max. 0.08	max. 2.00	max. 1.00	0.045	0.030	16.00 - 18.00	10.00 - 14.00	2.00 - 3.00
	F316L ¹	max. 0.030	max. 2.00	max. 1.00	0.045	0.030	16.00 - 18.00	10.00 - 15.00	2.00 - 3.00
	F321 ²	max. 0.08	max. 2.00	max. 1.00	0.045	0.030	17.00 - 19.00	9.00 - 12.00	
A350 - 04									
Grades	LF1	max. 0.30	0.60 - 1.35	0.15 - 0.30	0.035	0.040	max. 0.3 ^{3 4}	max. 0.4 ³	max. 0.12 ³
	LF2 Cl. 1	max. 0.30	0.60 - 1.35	0.15 - 0.30	0.035	0.040	max. 0.3 ^{3 4}	max. 0.4 ³	max. 0.12 ³
	LF2 Cl. 2 LF3	max. 0.30	0.60 - 1.35	0.20 - 0.35	0.035	0.040	max. 0.3 ^{3 4}	max. 0.4 ³	max. 0.12 ³
		max. 0.20	max. 0.90	0.20 - 0.35	0.035	0.040	max. 0.3 ^{3 4}	3.3 - 3.7	max. 0.12 ³
A694 - 03									
Grades	F42 / F52 / F56	max. 0.26	max. 1.4	0.15 - 0.35	0.025	0.025			
	F60 / F65 / F70								

PHYSICAL PROPERTIES

ASTM	Tensile strength	Fluency limit	Elongation in 50 mm.	Stress	Brinell

Designation		Ksi min.	MPa	Ksi min.		MPa	% min.	% min.	Hardness (HB)
A105 - 05									
		70	485	36		250	22	30	187 max.
A182 - 07									
Grades	F1	70	485	40		275	20	30	143 - 192
	F5	70	485	40		275	20	35	143 - 217
	F11 Cl. 1	60	415	30		205	20	45	121 - 174
	F11 Cl. 2	70	485	40		275	20	30	143 - 207
	F11 Cl. 3	75	515	45		310	20	30	156 - 207
	F22 Cl. 1	60	415	30		205	20	35	170 max.
	F22 Cl. 3	75	515	45		310	20	30	
	F304	751	5151	30		205	30	50	156 - 207
	F304L	702	4852	25		170	30	50	
	F316	751	5151	30		205	30	50	
	F316L	702	4852	25		170	30	50	
F321	751	5151	30		205	30	50		
A350 - 04									
Grades	LF1	60 - 85	415 - 585	30	3 4	205	25	38	197 max.
	LF2 Cl. 1	70 - 95	485 - 655	36	3 4	250	22	30	197 max.
	LF2 Cl. 2	70 - 95	485 - 655	36	3 4	250	22	30	197 max.
	LF3 Cl. 1	70 - 95	485 - 655	37.5 ^{3 4}		260	22	35	197 max.
	LF3 Cl. 2	70 - 95	485 - 655	37.5 ^{3 4}		260	22	35	197 max.
A694 - 03									
Grades	F42	60	415	42		290	20		
	F52	66	455	52		360	20		
	F56	68	470	56		385	20		
	F60	75	515	60		415	20		
	F65	77	530	65		450	20		
	F70	82	565	70		485	18		

Finished Products for shipment



Our Service

1. Technical support
2. Raw Material Quality control.
3. Inspection during the production time.
4. Final Test includes Surface, Dimension, PT Test, RT test, ultrasonic Test
5. Test Report each shipment
4. Flexible Delivery terms. EXW FOB CIF CFR DDP DDU
5. Flexible payment Ways: LC. TT. DP
6. Customized Package includes Logo. Cases Dimension.
7. 18 months quality Guarantee time.
9. Free replacement by air if any error founded
10. 24 hours to Feedback your questions



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