



3000lbs 6000lbs Forged SS End Caps With ANSI B16.11 SW

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: DEYE
- Certification: ISO9001:2015 PED
- Model Number: PF-BS-F12
- 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 month



Product Specification

- Standard: ANSI B16.11
- Material: A105, A105N, A350LF2, F22, SS316, SS304, DUPLEX SS
- Pressure: 2000LBS 3000LBS 6000LBS 9000LBS
- Connection: Socket Welded, SW, Thread, NPT, BSPT
- Size: 1/4"-4"
- Surface: Black, Pickling ,Anti-rust Oil
- Highlight: Forged ss end caps, 6000lbs ss end caps, 3000lbs stainless steel end caps

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Product Description

3000lbs 6000lbs Forged SS High Fittings End Cpas With Ansi B16.11 SW

Forged fittings also named high pressure pipe fittings, they are forged steel pipe fittings, including threaded fittings (NPT fittings) and socket-welding pipe fittings (SW fittings), which are commonly for high pressure piping connections. Similar to [butt-welding fittings](#), forged fittings has various types, such as elbow, tee, coupling, plug, threaded, union, swage nipple, outlet branch fittings etc. In the norm ASME B16.11, the fittings are up to NPS 4" only because they are threaded and socket-weld connected. For large diameter, we can accept customized manufacturing as per drawings.

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

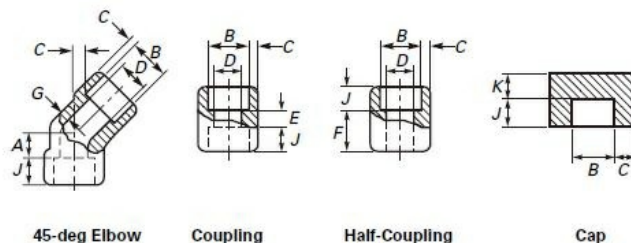
•STRICT

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

Socket Welding Forged Pipefittings for Couplings, Half-couplings and End Caps

General Note: Dimensions are in millimeters.



Nominal Pipe Size	Min. Depth of Socket, J	Center-to-Bottom of Socket, A								End Wall Thickness, K _{min}											
		90-deg Elbows, Tees, and Crosses								45-deg Elbows											
		Class Designation								Laying Lengths				Tolerances, ±				Class Designation			
										Couplings, E		Half Couplings, F		A		E		F			
		3000	6000	9000	3000	6000	9000														
⅜	0.38	0.44	0.44	...	0.31	0.31	...	0.25	0.62	0.03	0.06	0.03	0.19	0.25	...						
¼	0.38	0.44	0.53	...	0.31	0.31	...	0.25	0.62	0.03	0.06	0.03	0.19	0.25	...						
⅜	0.38	0.53	0.62	...	0.31	0.44	...	0.25	0.69	0.06	0.12	0.06	0.19	0.25	...						
½	0.38	0.62	0.75	1.00	0.44	0.50	0.62	0.38	0.88	0.06	0.12	0.06	0.25	0.31	0.44						
¾	0.50	0.75	0.88	1.12	0.50	0.56	0.75	0.38	0.94	0.06	0.12	0.06	0.25	0.31	0.50						
1	0.50	0.88	1.06	1.25	0.56	0.69	0.81	0.50	1.12	0.08	0.16	0.08	0.38	0.44	0.56						
1¼	0.50	1.06	1.25	1.38	0.69	0.81	0.88	0.50	1.19	0.08	0.16	0.08	0.38	0.44	0.56						
1½	0.50	1.25	1.50	1.50	0.81	1.00	1.00	0.50	1.25	0.08	0.16	0.08	0.44	0.50	0.62						
2	0.62	1.50	1.62	2.12	1.00	1.12	1.12	0.75	1.62	0.08	0.16	0.08	0.50	0.62	0.75						
2½	0.62	1.62	...	...	1.12	...	...	0.75	1.69	0.10	0.20	0.10	0.62	0.75	...						
3	0.62	2.25	...	...	1.25	...	...	0.75	1.75	0.10	0.20	0.10	0.75	0.88	...						
4	0.75	2.62	...	...	1.62	...	...	0.75	1.88	0.10	0.20	0.10	0.88	1.12	...						

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