



150LBS CNC Titanium Alloy Parts Raised Face ANSI B16.5 For Valve Industry

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CDX
- Certification: ISO9001:2015 certification
- Model Number: CDX-F-2021045
- Minimum Order Quantity: 1 piece
- Price: Negotiable
- Packaging Details: plastic paper inside, plywood case outside
- Delivery Time: 5-35 working days
- Payment Terms: L/C, T/T
- Supply Ability: 1000 piece/week



Product Specification

- Name: Flanges ANSI B16.5 150LBS Titanium Weld Neck Flanges Titanium Alloy
- Material: Titanium Alloy
- SIZE: DN10-DN2500
- Technology: Forged And CNC Machining
- Standard: DIN ISO ASME B16.5
- Surface: RF FF
- Press Rating: 0.6-32MPa
- Highlight: **150LBS Titanium Alloy Parts,
Raised Face Titanium Alloy Parts,
Valve Industry CNC Titanium Parts**



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Flanges ANSI B16.5 150LBS titanium Weld Neck Flanges titanium alloy

Available Flange types

- a.Slip On Flange
- b.Welding Neck Flange
- c.Threaded Flange(Screwed Flange)
- d.Plain Flange
- e.Blind Flange
- f.Lap Joint Flange
- g.Wocket Welding Flange
- h. welded flange
- i.titanium large-diameter flange

1. Chemical requirements											
聽	N	C	H	Fe	O	Al	V	Pd	Mo	Ni	Ti
Gr1	0.03	0.08	0.015	0.2	0.18	/	/	/	/	/	balance
Gr2	0.03	0.08	0.015	0.3	0.25	/	/	/	/	/	balance
Gr5	0.03	0.08	0.015	0.4	0.2	5.5-6.75	3.5-4.5	/	/	/	balance
Gr7	0.03	0.08	0.015	0.3	0.25	/	/	0.12-0.25	/	/	balance
Gr12	0.03	0.08	0.015	0.25	0.15	2.0-3.0	2.0-3.0	/	/	/	balance

2. Tensile requirements					
Grade	Tensile strength(min)	Tensile strength(min)	Yeild strength(min)	Yeild strength(min)	Elongation
	Ksi	Mpa	Ksi	Mpa	%
1	35	240	20	138	24
2	50	345	40	275	20
5	130	895	120	828	10
7	50	345	40	275	20
12	90	620	70	438	15



Custom titanium flange with logo

Standard	ANSI B16.5	Class 150 Flanges-Class 2500 Flanges
	DIN	6Bar 10Bar 16Bar 25Bar 40Bar 63Bar
	JIS	5K Flanges-30K Flanges
	EN1092-1	6Bar 10Bar 16Bar 25Bar 40Bar 63Bar 100Bar
Type	1. Plate Flange 2. Flat Flange 3. Slip on Flange 4. Welding Neck Flange 5.Long Welding Neck Flange 6. Blind Flange 7. Socket Welding Flange 8. Thread Flange 9. Screwed Flange 10. Lap Joint Flange. etc.	

Connection Type	Raised Face, Flat Face, Ring Type Joint, Lap-Joint Face, Large Male-Female, Small Male-Female, Large Tongue, Groove, Small-Tongue, Groove, etc
Size	1/2"-100",SCH5S-SCH160S,XS,XXS,STD
Heat Treatment	Normalizing, Annealing, Quenching Tempering
Applications	Water works, Shipbuilding industry, Petrochemical & Gas industry, Power industry, Valve industry,and general pipes

Quality & Inspection:

1. PMI test to verify material grade.
2. Dimension controlling during fabricating and finished.
3. All of the products have been 100% press tested before shipping.
4. Packed in Fumigation-free plywood box.
5. Third party inspection available.



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