

# C&N

C&N Pipeline Limited

## BETTER PIPELINE, BETTER CONNECTION



**C&N**



[Pipe fitting](#)



[Flange](#)



[Valve](#)

Welcome to visit CN pipeline's profile. To learn our experience and benefit yourself in Pipeline fields

C&N pipeline Ltd is a leading supplier and exporter of all kinds of pipeline products in China. We focus on pipeline and strive to be a influential supplier in the global pipeline fields. Our team has been in pipeline fields more than five to ten years, backed on these abundant experiences and resources accumulated these years. We established a quick response regulation and strict quality control system. Which facilitate us quicker and more reliable in the market.

By passed four years growing, our products range extended from industrial fitting to sanitary, SAE, fitting fields, these fittings can be produced from iron, carbon steel, stainless steel, alloy steel and nonferrous. which can be widely applied in petroleum, water, gas ,and transportation etc

Do not hesitate to contact us for your pipeline needs. You would get our quick competitive offer with 24X7 supports.

Choosing CN pipeline, You will be proud for your choice

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**Company capacity**



C&N pipeline limited are with strong capacity in the pipeline related products manufacturing.

Our manufactures are qualified by the ISO9001:2000 and TUV, PED authority. All products are available with the international standards. And our optimum products have been used in many famous projects such as he West To East Transfer, Bechtel Tianjin Motorola Project, Hubei New Clear plant ,Formosa plastics plant, etc.

**Customer:**

- Bechtel Tianjin Motorola Project
- Kinsman Candu Nuclear BOP Project
- Bechtel IBM Shanghai Project
- CSPC Nana Shell project
- Fluor Daniel Xiamen Kodak Project
- JGC Engineering Consultants
- Hebe Pan Asia Longtime Paper Co.Ltd.



## BETTER PIPELINE, BETTER CONNCTION



## Quality management

Quality is our prime concern and we follow stringent quality control norms in order to ensure international standards of quality. Strict quality assurance system is being followed in all our departments and Total Quality Management is applied to streamline and all the procedures and practices in operation to achieve high standard of efficiency. Continuous efforts are being made for improvement of materials technology and equipments.



### Quality Control for standard products

Confirmation for Material Standards and Customer special requirements	Fitting procedure	Implementation of MP and QCP strictly
	Flange procedure	Quality inspection by C&N Ltd and suppliers
	Valve procedure	Sample approval by negotiation
	Production schedule feedback	Third party inspection by DNV,TUV,SGS etc



For the special no-standard products, customer requirements or sample will be analyzed by C&N engineer team. and we also make the whole production schedule to customer to make every procedure visible .

### Quality Control for non-standard products

Before Production	Sampling	Mass Production	After Production
Drawing analyze by engineer team	Detailization & Documentation of MP in details	Implementation of MP and QCP strictly	Package implementatio
Production report	Development of QCP and sample inspection	Feedback the production schedule to customer	Customer survey
Feed report to customer	Technique meetings to solve any problems happened	Quality inspection by C&N and suppliers	All files collected for customer data base



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## Quality management

Regular inspection for pipe fittings

S.No.	Description	Make	Size/Capacity	Quantity
1	Universal Testing Machine calibrated by LRS.	FIE, Miraj	20 Ton	1
2	Hardness Tester calibrated by LRS	Saroj, Miraj	10 Inch	1
3	Chemical Laboratory	Standard	To Analyses 'C' 'Mn', 'S', 'Si', 'P', 'Cr', 'Ni', 'Mo', etc	1
4	Hydraulic Testing Equipment	Standard	150 kg/CMSQ.	3
5	Magnetic Particle Testing set	Magna Flux	Standard	2
6	Ultrasonic Thickness Gauge	Pulsecho	Upto 100mm thick	10
	Vernier Calipers	Bombay	24 inch	3
	Vernier Calipers	Mitutoyo	12 inch	25
	Dial Gauge	Japan	Standard	10
	Height Gauge	Mitutoyo	24 inch	1
8	Inside, Outside Calipers			6
8	Ultrasonic Testing Machine	EEC	0 to 5 M	1
9	Impact Testing Machine	Ratnakar	0-300J	1



C&N Products are tested in accordance to internationally recognized standards with our own stringent internal test procedures, We also offers our products to client with third party inspection. The inspection Agency can be nominated by clients also or we arrange the Third Party Inspection by world reputed Third Party Inspection Agencies like Bureau Veritas, Lloyds Register, SGS, IRS, and many others



# Pipe fitting series

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The pipe fittings we manufactured are composed of malleable cast-iron pipe fittings ,butt weld steel pipe fittings and forging socket and threaded fittings.

Elbow	Tee	Reducer
Bends	Stub-Ends	Cap plug
plug	Nipple	coupling
Olet		



Size available : 1/8" NB TO 48" NB. (Seamless & Welded)  
Wall thickness : Sch. 5S To Sch. XXS

Materials and standards

Stainless Steel : ASTM A403 WP 304/ 304L/ 304H/ 316/ 316L/ 317/ 317L/ 321/ 310/ 347/ 904L/ etc.

Carbon Steel : ASTM A234 WPB / A420 WPL3/ A420 WPL6/ MSS-SP-75 WPHY 42/46/52/56/60/65/70 etc.

Alloy Steel : ASTM A234 WP1/ WP5/ WP9/ WP11/ WP22/ WP91/ etc.

Other materials : Monel , Nickel, Inconel, Hastalloy, Copper, Brass, Bronze, Titanium, Tantalum, Bismuth, Aluminum , High Speed Steel, Zinc, Lead, etc.



Surface treatment: Surface galvanized, antirust coating, Epoxy & FBE Coating ,Electro Polishing, End protected with plastic caps



**BETTER PIPELINE, BETTER CONNECTION**

# Pipe fitting series



The forging pipe fittings include threaded fittings and socket weld fittings, which are available in high pressure working conditions.

NPT/BSP		
Elbow	Tee	Reducer
Bends	Stub-Ends	Cap plug
plug	Nipple	coupling
olet	sleeve	bushing



Size available : 1/8" NB TO 48" NB. (Seamless & Welded)  
Wall thickness : Sch. 5S To Sch. XXS

**Standards**

ASME/ANSI B16.9 Factory-Made wrought steel pipe fittings  
ASME B16.28 Wrought steel butt-welding short radius elbows and returns  
ASTM A234 Medium and high temperature used carbon and alloy steel pipe fittings  
MSS-SP75 Forging butt-welding fittings

**Material**

Stainless Steel : ASTM A403 WP 304/ 304L/ 304H/ 316/ 316L/ 317/ 317L/ 321/ 310/ 347/ 904L/ etc.  
Carbon Steel : ASTM A234 WPB / A420 WPL3/ A420 WPL6/ MSS-SP-75 WPHY 42/46/52/56/60/65/70 etc.  
Alloy Steel : ASTM A234 WP1/ WP5/ WP9/ WP11/ WP22/ WP91/ etc.  
Other materials : Monel, Nickel, Inconel, Hastalloy, Copper, Brass, Bronze, Titanium, Bismuth, Aluminium, High Speed Steel, Zinc, Lead, etc.

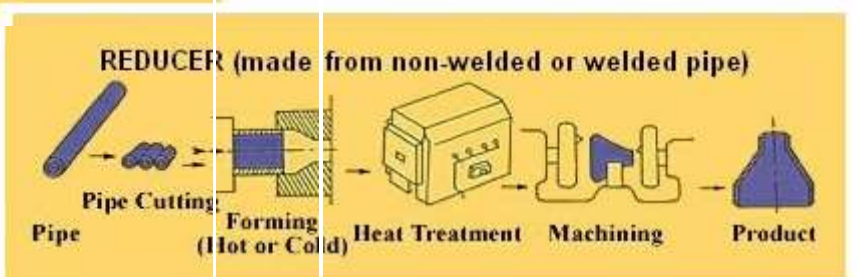
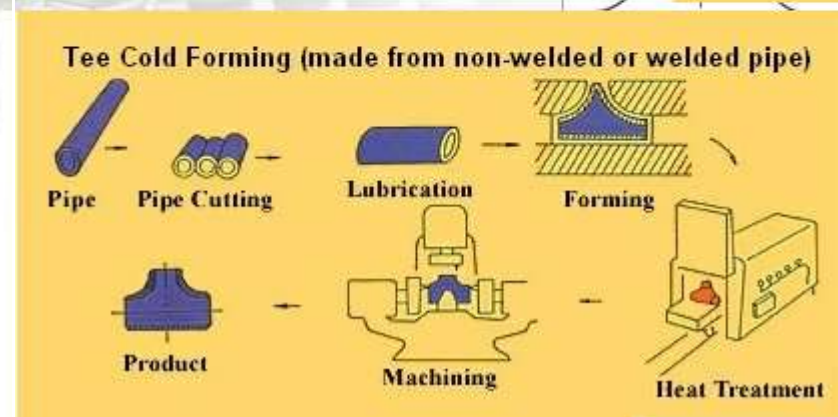
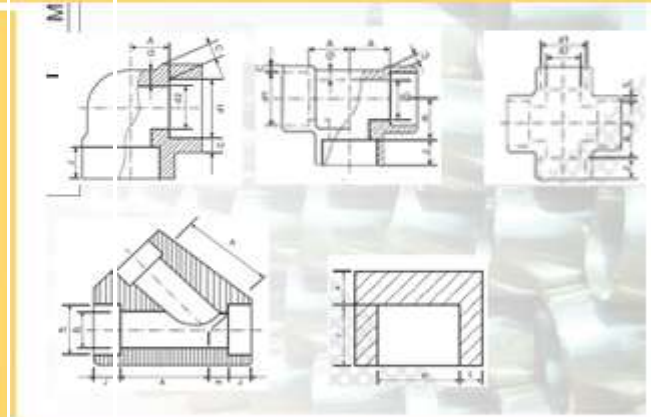
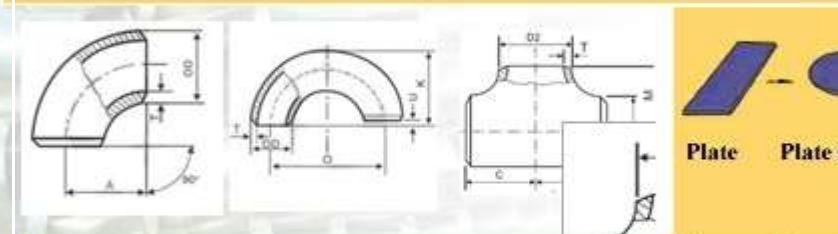
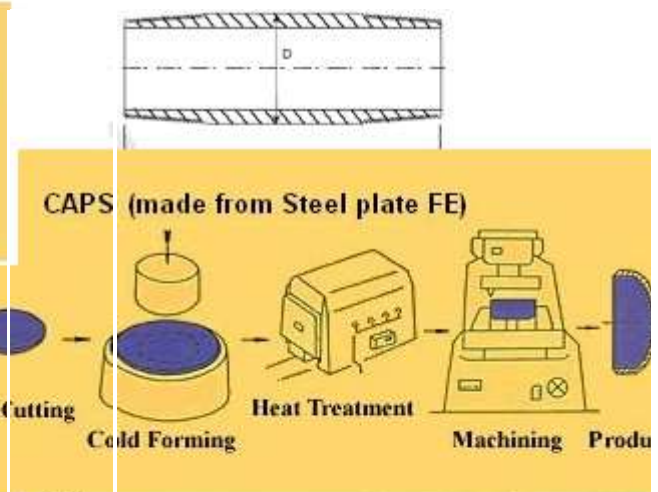
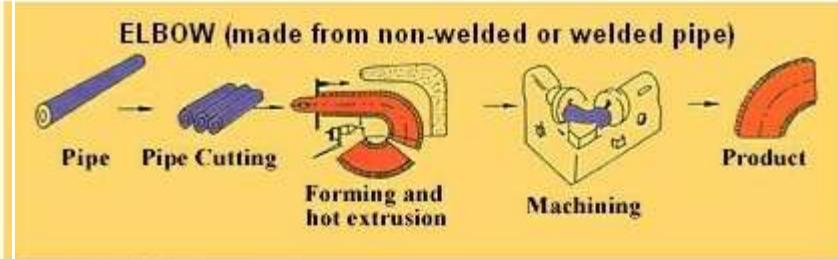
**Surface treatment**

Surface galvanized, antirust coating, Epoxy & FBE Coating ,Electro Polishing, End protected with plastic caps



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# Pipe fitting procedure



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# FLANGE SERIES



Pattern                      Socket Weld , Slip On , Blind ,Screwed , Ring Joint,  
Weld Neck , Long Weld Neck , Reducing , Spectacle

size    1/2"-60"(DN15-DN3000)

Pressure class    Class150-Class2500

Facing    RF/ FM/ M/ T G/ RF / FF / RTJ

Type    WN SO SW TH BL RF FF MF RJT PL PJ/PR BL(S)

## Flanges Types



weld neck flange

slip on flange

blind RF flange

Ring flange



socketed weld flange

thread flange

Flat flange

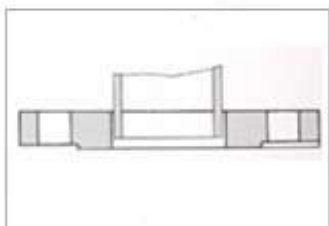
Orifice Flanges



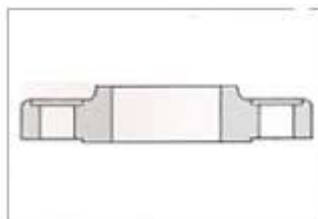


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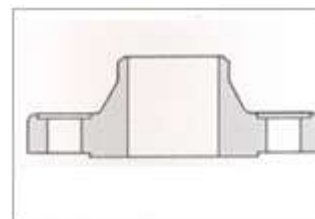
FLANGE SERIES



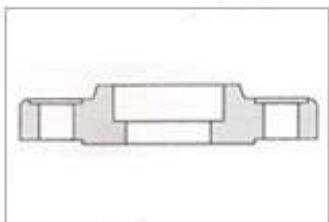
板式平焊法兰 (PL)



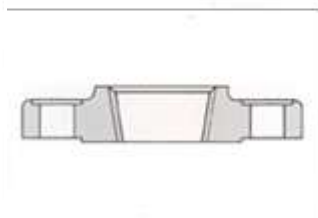
带颈平焊法兰 (SO)



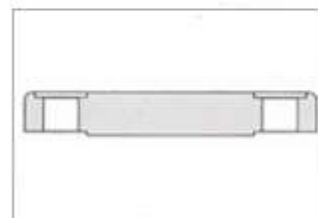
带颈对焊法兰 (WN)



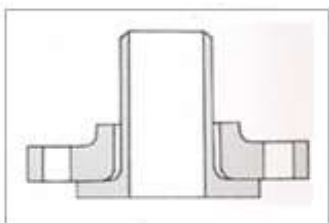
承插焊法兰 (DN15-80) SW



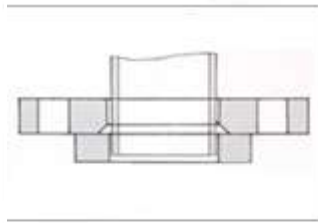
螺纹法兰 (DN15-80) TH



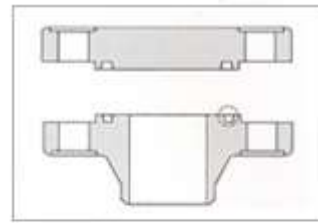
法兰盖 (BL)



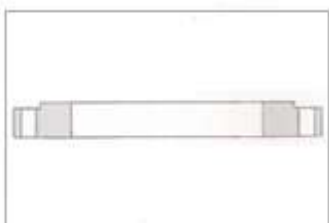
带颈对焊环松套法兰 LF, SE



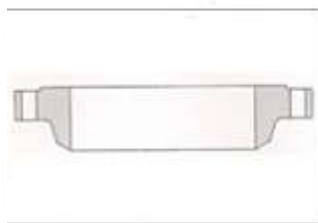
平焊环松套法兰 PJ, RJ



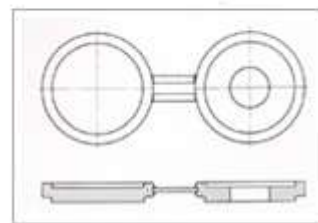
环槽面法兰及法兰盖



大直径平板法兰 (600-4800mm)



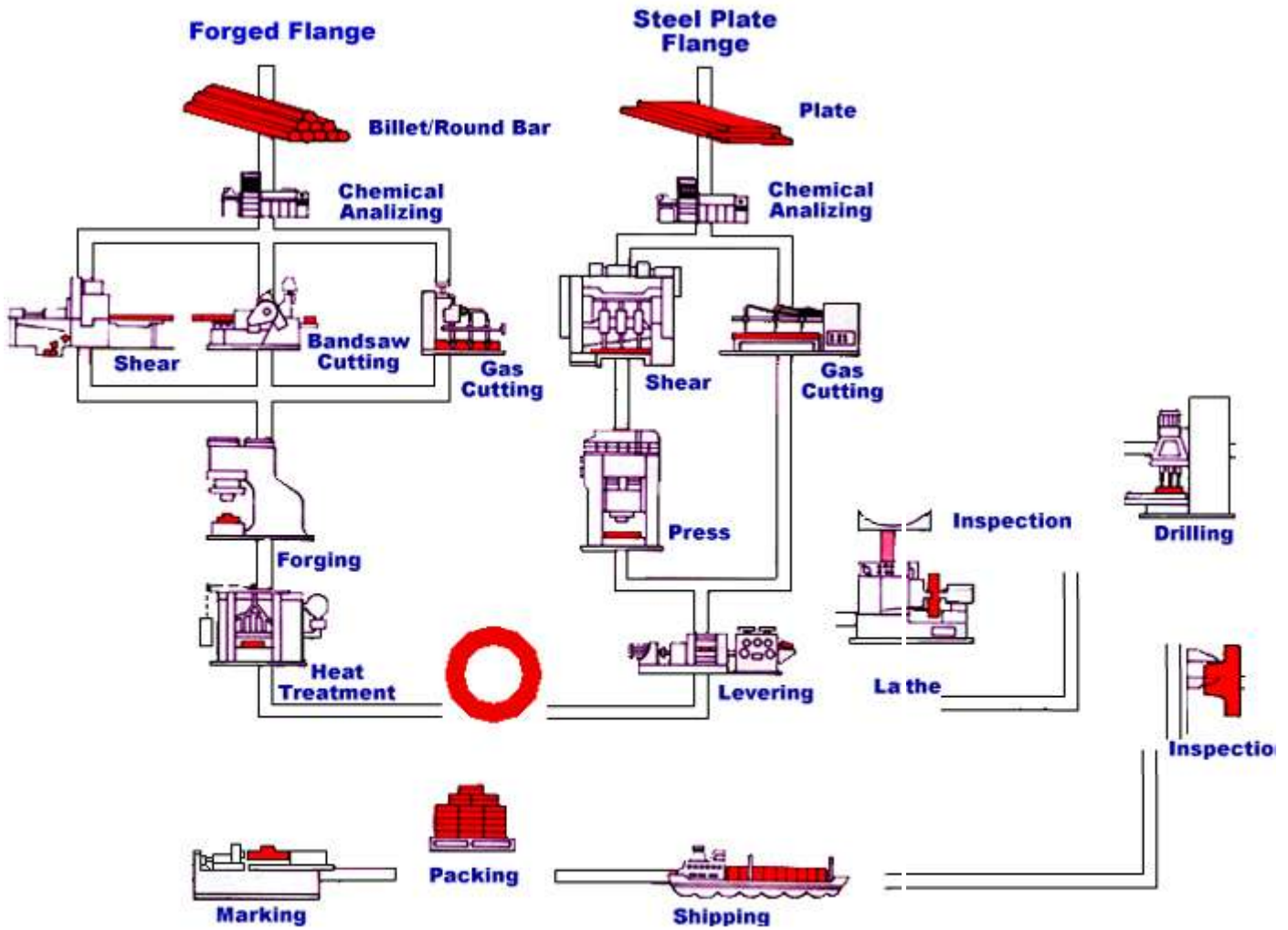
大直径高颈法兰 (600-4000mm)



八字盲板 BL

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# Flange series



## Procedure control



# BETTER PIPELINE, BETTER CONNCTION

## Valve series



### Ball valve series

- Cast floating ball valve
- Forged trunnion ball valve,
- Metal sealed ball valve
- V type ball valve
- Three way ball valve
- Forged floating ball valve
- High pressure ball valve,
- Pneumatic ball valve
- Top entry ball valve
- Electric ball valve
- Extended stem ball valve

**C&N**  
Ball valves



Industrial valves which are extensively used in power generation, oil and gas, water reticulation, mining, sewerage and chemical industries. it helps in the regulating the flow of the materials like fluidized solids, gases, liquids and slurries by opening and closing of the partially obstructing passage ways. t can also be customized according to client specifications and details.

**C&N**  
Check valves



### Check valve series

- Swing check Valve
- Floating ball type check valve
- API check valve
- Forged steel check valve
- Wafer type check valve
- Lift type Check Valve



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# Valve series



## C&N Gate valves



### Gate valve series

Knife gate valve  
 Slab gate valve  
 Conduit gate valve  
 Electric slab gate valve  
 API wedge gate valve  
 Forged gate valve  
 Bellow sealed Gate valve.  
 Standard.: API ,ASTM,BS,ASMEB,JIS,GB  
 Test Standard: API 6D, BS 6755, ISO5208  
 Size: 2"-36"  
 Pressure: 150LB-1500LB  
 Material: WCB, WC6, WC1, WC9, ZGCr5mO,  
 ZG15Cr1Mo1v, CF8, CF8M, CF3, CF3M, 12CrMoV,  
 ZG1Cr18Ni9Ti and ZG1Cr18Ni12Mo2Ti, et

### Globe valve series

Forged steel globe valve  
 Cast steel globe valve  
 Flanged globe valve  
 API globe valve  
 Butt-welding globe valve  
 Bellows globe valve,  
 Y type globe valve.  
 Standard.: API ,ASTM,BS,ASMEB,JIS,GB  
 Test Standard: API 6D, BS 6755, ISO5208  
 Size: 2"-12"  
 Pressure: 150LB-1500LB  
 Material: WCB, WC6, WC1, WC9, ZGCr5mO,  
 ZG15Cr1Mo1v, CF8, CF8M, CF3, CF3M,  
 12CrMoV, ZG1Cr18Ni9Ti and  
 ZG1Cr18Ni12Mo2Ti, etc.

## C&N Globe valves



# BETTER PIPELINE, BETTER CONNECTION

## Valve series



### C&N Angle valves

#### Angle valve



Angle Stop Valve  
 Brass Angle Valve  
 Gas Angle Valve  
 Pneumatic Angle Seat Valve  
 Angle Seat Valve

Standard.:  
 API ,ASTM,BS,ASMEB,JIS,GB  
 Test Standard: API 6D, BS 6755,  
 ISO5208  
 Size: 2"-2"  
 Pressure: 150LB-1500LB  
 Material: WCB, WC6, WC1, WC9,  
 ZGCr5mO, ZG15Cr1Mo1v, CF8, CF8M,  
 CF3, CF3M, 12CrMoV, ZG1Cr18Ni9Ti and  
 ZG1Cr18Ni12Mo2Ti, etc.



### C&N Plug valves

#### Plug valve



Size: 1" - 24"  
 Class: 150lbs - 600lbs  
 Design and manufacture standards: ANSI  
 B16.34, API6D, API 599 and API 6A  
 Face to face: ANSI B16.10, API 6A  
 End flange: ANSI B16.5, ANSI B16.25,API 6A  
 Materials: Carbon steel and stainless steel  
 Inspection standard: API 598  
 Body: WCB, WC6, WC9, CF8, CF8M, CF3,  
 CF3M, monel and CN7M



**BETTER PIPELINE, BETTER CONNECTION****Valve series**

**C&N**  
Butterfly valves

**Butterfly valve series**

Flange type butterfly valve (metal seal)  
 Wafer end centric butterfly valve (rubber lined)  
 Lug type butterfly valve  
 Hydraulic control butterfly valve  
 Three-eccentric flange butterfly valve  
 Ventilation butterfly valve.  
 Standard.: API ,ASTM,BS,ASMEB,JIS,GB  
 Test Standard: API 6D, BS 6755, ISO5208  
 Size: 2"-72"  
 Pressure: 150LB-1500LB  
 Material: WCB, WC6, WC1, WC9, ZGCr5mO, ZG15Cr1Mo1v, CF8, CF8M, CF3, CF3M, 12CrMoV, ZG1Cr18Ni9Ti and ZG1Cr18Ni12Mo2Ti, etc.



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Contact us!

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