

**PROFESSIONAL
FORGING
MACHINING
OF BALL
BODY, CLOSURE AND
OTHER COMPONENTS
FOR VALVE**



The Best Professional Manufacturer of Valve Components

QIUBAO VALVE CO., LTD.
— SINCE 1981



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Valve ball, body, closure, seat ring, stem and other components

Commitment to provide only the finest quality products and services to match the need of our customers

To establish a highly efficient, collaborative organizational structure and system.

Headquarters of qiubao valve
Qingtian qiubao valve plant
Tangtou qiubao valve plant

With 20 senior engineers and more than 100 technical staffs

ISO9001:2008 by DNV

CMM measure, Hardness test, Tensile test.

Body & closure machining, ball machining, forging, heat treatment

4500T multiple-ram forging machine;
3500T hydraulic press-open die forging;
D53K-2000 CNC rolling machine;
LNG heating & HT furnace; 3.5M vertical Lathe

Trunnion ball, Floating ball, Body, Closure and other ball valve components

The United States, Europe, Russia, Japan, Korea
Service Tel: +86-577-67377167 67377188



QIUBAO MISSION

QIUBAO VALVE, its commitment to provide only the finest quality products and services to match the need of our customers, has established itself as a serious player in the valve business. We have expanded its scope in terms of corporate culture as well as technical expertise. We offer in time delivery and respond to customer's requests faster and more efficiently than ever while becoming one of the best partners for your needs.

President: 余三豹

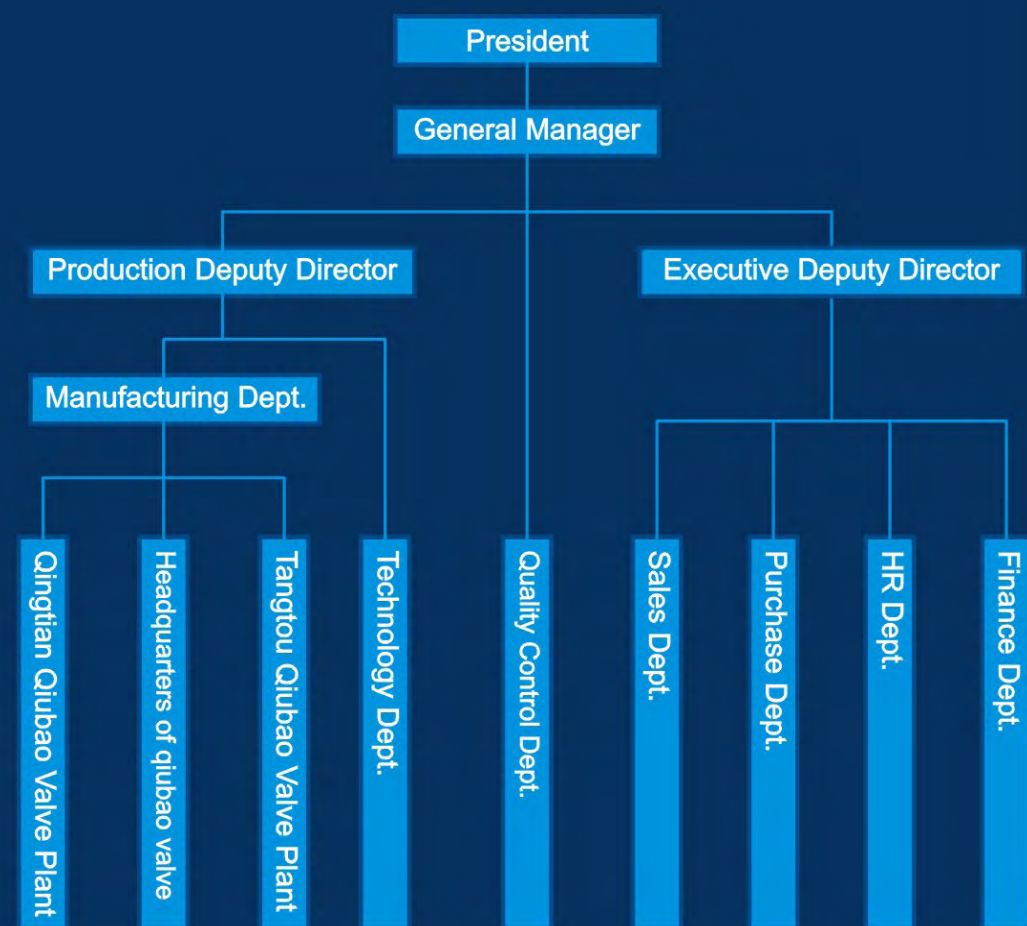


Mr. Yu Sanbao, the president and founder of Qiubao Valve Co., Ltd., set up the largest and the strongest manufacturing enterprise for large diameter and high-end balls and other valve parts after more than 30 years' energy and contribution.

President: YU SANBAO

QIUBAO TEAM --our employees are a valuable asset

QIUBAO VALVE devote itself to establish a highly efficient, collaborative organizational structure and system to regulate the management based on market demand-oriented, seeking the best combination of resources, so that our organization continues to grow healthy, full of vigor and vitality.



HEADQUARTERS OF QIUBAO VALVE

-- A production base for high positioning and advanced valve ball

1. Administration Headquarters: Sales, Quality Control, Technology, Purchase, HR and Finance Department;
2. Machining valve ball from 1" to 20".

ABOUT QIUBAO VALVE

QIUBAO VALVE Co., Ltd. (QBLO) since 1981, located in Oubei town, Wenzhou city, China.

QIUBAO VALVE manufactures ball valve components such as ball, body, closure, seat ring and stem and export around the world. With the strong innovation capacity and more than 30 years' experience in manufacturing and management, QIUBAO VALVE has been providing a wide range of highly engineered products to the international flow control fields and customers, with the size from 1" to 60", pressures from 150LB to 2500LB with different materials.

There are 4 plants (Total 80,180 square metres) in QIUBAO VALVE group:

1. Headquarters of qiubao valve.
2. Qingtian qiubao valve plant.
3. Tangtou qiubao valve plant.
4. Wenzhou qiubao seat ring plant.

Total 568 employees are working in qiubao including 28 engineers, 42 technicians, 18 quality assurance staff and 36 inspectors. QIUBAO VALVE adopts international quality standards (ASTM, DIN and ANSI) to assure that we conform to specified requirements throughout our total process. Our own processes are based on the requirements of ISO 9001:2008 quality system.



QINGTIAN QIUBAO VALVE PLANT

1. 48,010 square metres, over 200 staffs;
2. A whole supply chain: forging-machining-heat treatment- coating(ENP);
3. High-tech forging lines: multi-ram forging, die forging & rolling forging;
4. Equipped with fully automated and high precision machining facilities;
5. Machining the ball valve components from size 22" to 60" & gate valve components.



TANGTOU QIUBAO VALVE PLANT

1. 12,000 square metres, over 78 staffs;
2. Five assembly lines for body & closure from size 1" to 60";
3. Equipped with 89 machining facilities: horizontal machining centre, vertical machining centre and other CNC equipments;
4. Workshop with central air-conditioning.



R & D TEAM

Our staff is dedicated to continually developing innovative designs, production and technology capabilities. With a full staff of professional engineers, a technical sales team and certified service technicians. QIUBAO is more than a manufacturer - we are a partner for providing superior solutions to your process needs.

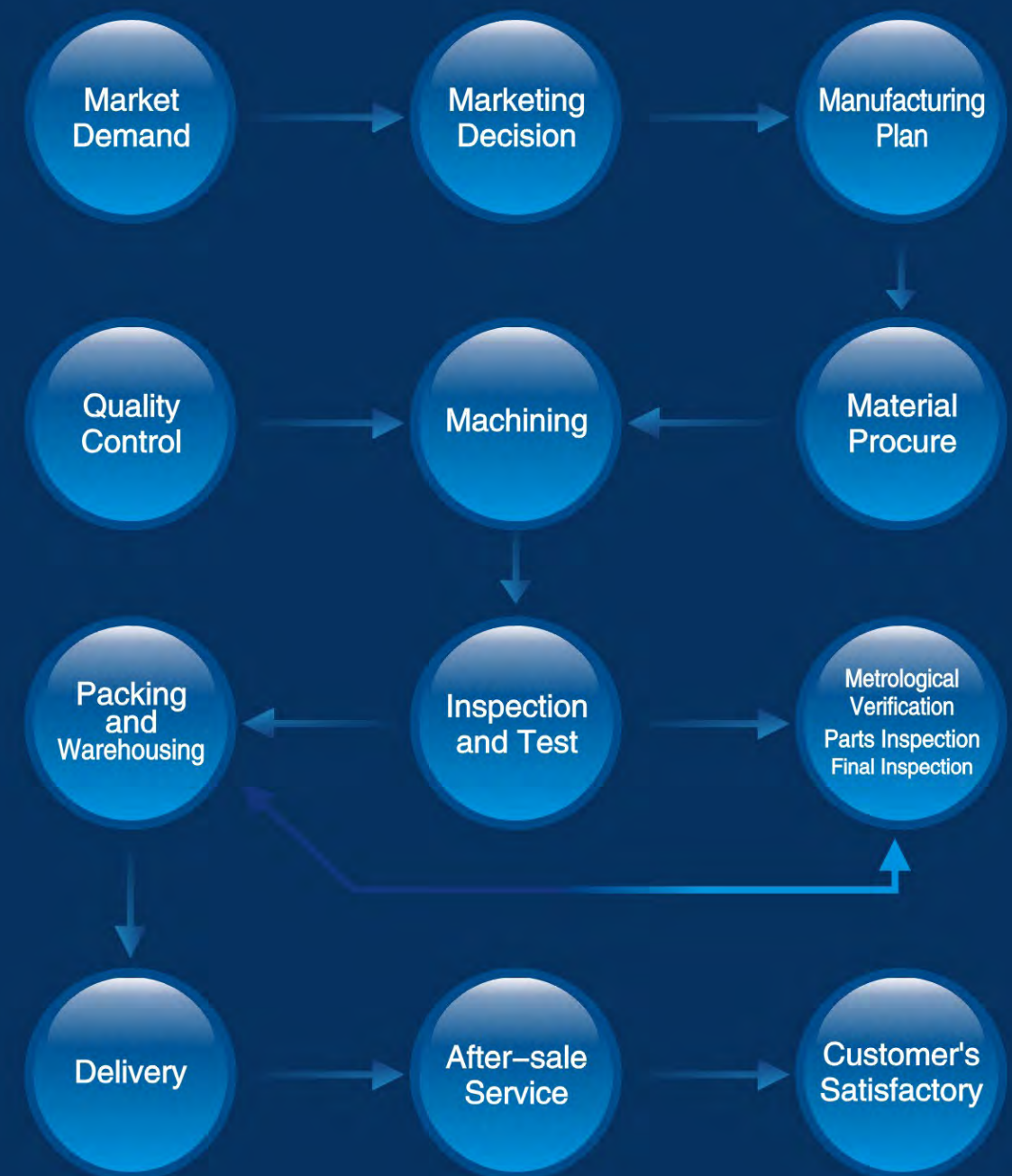


Our research resource is the foundation that our customers look for. What we get is the recognized value of QIUBAO Technologies as a proven, dependable partner.



QUALITY SYSTEM

ISO9001:2008



INSPECTION FACILITY AVAILABLE



CMM , Spectro, tensile test, hardness test,
impact test, metallographic examination, intergranular corrosion,
iodine corrosion test etc.

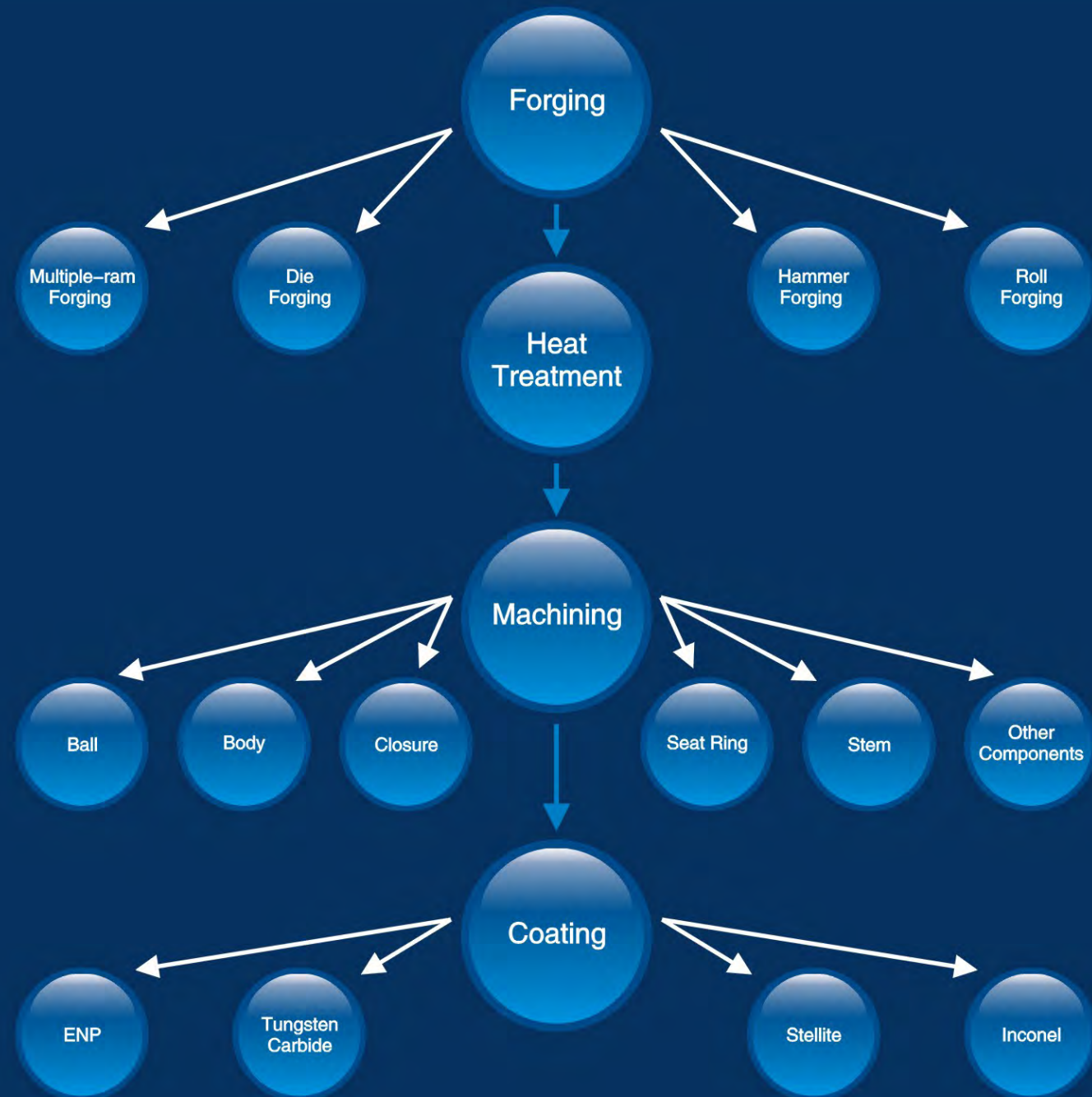
3 sets of coordinate measuring machine for size 1"-40"



-60°C impact testing



QIUBAO VALVE INDUSTRY CHAIN



WORKSHOP

forging, heat treatment, ball machining, body&closure machining, seat ring machining and ENP workshops

BODY & CLOSURE MACHINING WORKSHOP

3 x 2,180 m²



BALL MACHINING WORKSHOP

5 x 2,560 m² + 14,000m²



FORGING WORKSHOP

-- multiple-ram forging; die forging; hammer forging; roll forging

2 x 2,697 m²



HEAT TREATMENT WORKSHOP

1 x 2,697 m²

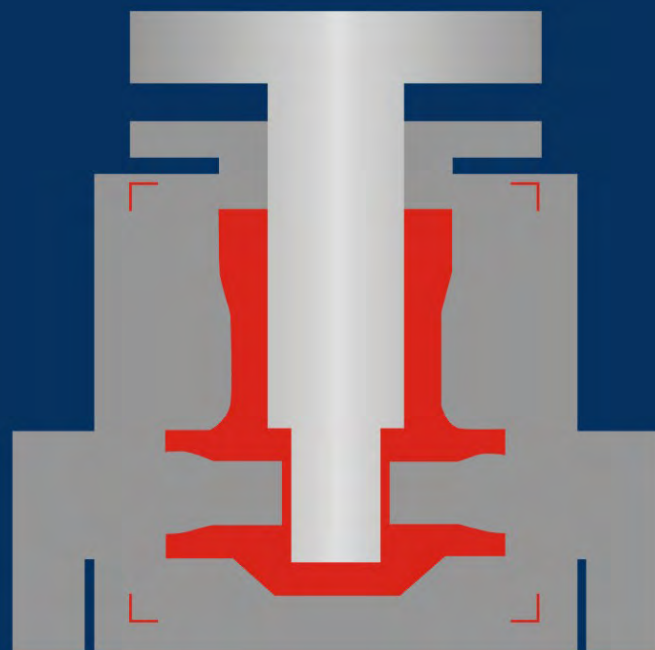


ENP WORKSHOP

1 x 3,180 m²



4500T MULTIPLE-RAM FORGING MACHINE



Mainly used for:

1. Three way valves multi die forging;
2. Ball and closure die forging;
3. The maximum forging: 6"-2500Lb and 8"-1500Lb gate valve body used in power station.



3500T HYDRAULIC PRESS-OPEN DIE FORGING



Mainly used for:

1. All kinds of free forging;
2. Forging the blank of valve parts;
3. Machining the blank for ring rolling.



D53K-2000 CNC ROLLING MACHINE



Roll forging:

1. The maximum external diameter of roll forging 2000mm;
2. The maximum height of roll forging 900mm;
3. The maximum weight of blank roll forging 6 tons.



LNG HEATING & HT FURNACE



Car's type heating furnaces--18m² & 6m²

The rated capacity of 18m² furnace is 40 tons,
the maximum heating temperature reach to 1250℃.



3.5M VERTICAL LATHE



Double column vertical lathe:

1. Suitable for machining complicated revolving parts;
2. The largest machining diameter is 3500mm;
3. Machining inner and outer cylindrical surface, conical surface, end surface;
4. Machining 40"-60" valve components.



INTEGRATED MACHINE FOR FINE TURNING & GRINDING 56"-60" BALLS



1. High performance, high efficiency, high speed.
2. One time fixture for machining two processes-turning & grinding
3. Equipped with a programmable device, frequency conversion motor, the spindle can be stepless frequency control.
4. Machining 40"- 60" ball, the surface roughness achieved is 0.2 Ra.



OD GRINDING MACHINE FOR 28"-48" BALL'S TRUNNION



1. High speed double wheels CNC grinding machine;
2. Grinding the trunnion outer circle & end surface of 28"- 48" ball;
3. Surface roughness achieved is 0.4-0.8 Ra.;
4. Trunnion concentricity achieved is 0.05 Max.



HORIZONTAL MACHINING CENTRE



DOOSAN horizontal machining centre
Fine machining valve body
Machining size: 8"-12"



VERTICAL MACHINING CENTER



QIUBAO vertical machining center
Fine machining valve body and valve closure
Machining size: 2 "-6"



HANDLE TRUNNION BALL



QIUBAO-VALVE FORGING SPECIALIST

Trunnion ball, floating ball, body, closure and other ball valve components

Product Name	Handle Trunnion Ball
Size	NPS 2~60(DN50~1500)
Pressure Rating	Class 150~2500 (PN16~420)
Base Material	ASTM A105, A350 LF2, A182 F304, A182 F316, A182 F6a, A182 F51, A182 F53, A182 F55, A564 630 (17-4PH), Monel, Inconel
Coating	ENP Chrome Plating Tungsten Carbide Chrome Carbide Stellite Inconel Special
Support Type	Support Plate
Drive	Straight Slot / Pin Hole
Roundness	0.02~0.04
Roughness	Ra0.2~Ra0.4
Coaxiality	0.05~0.10

TRUNNION BALL



QIUBAO-VALVE FORGING SPECIALIST

Trunnion ball, floating ball, body, closure and other ball valve components

Product Name	Trunnion Ball
Size	NPS 2~60(DN50~1500)
Pressure Rating	Class 150~2500 (PN16~420)
Base Material	ASTM A105, A350 LF2, A182 F304, A182 F316, A182 F6a, A182 F51, A182 F53, A182 F55, A564 630 (17-4PH), Monel, Inconel
Coating	ENP Chrome Plating Tungsten Carbide Chrome Carbide Stellite Inconel Special
Support Type	Axle Sleeve / Stem
Drive	Rectangle Socket
Roundness	0.02~0.04
Roughness	Ra0.2~Ra0.4
Coaxiality	0.05~0.10

FLOATING BALL



QIUBAO-VALVE FORGING SPECIALIST

Trunnion ball, floating ball, body, closure and other ball valve components

Product Name	Floating Ball
Size	NPS 2~12 (DN50~300)
Pressure Rating	Class 150~600 (PN16~100)
Base Material	ASTM A105, A350 LF2, A182 F304, A182 F316, A182 F6a, A182 F51, A182 F53, A182 F55, A564 630 (17-4PH), Monel, Inconel
Coating	ENP Chrome Plating Tungsten Carbide Chrome Carbide Stellite Inconel Special
Support Type	Seat
Drive	Curve Slot
Roundness	0.01~0.02
Roughness	Ra0.2~Ra0.4
Coaxiality	0.05

SPECIAL BALL



QIUBAO-VALVE FORGING SPECIALIST

Trunnion ball, floating ball, body, closure and other ball valve components

Product Name	Metal seated ball
Size	NPS 1~10 (DN25~300)
Pressure Rating	Class 150~600 (PN16~100)
Base Material	ASTM A105, A350 LF2, A182 F304, A182 F316, A182 F6a, A182 F51, A182 F53, A182 F55, A564 630 (17-4PH), Monel, Inconel
Coating	ENP Chrome Plating Tungsten Carbide Chrome Carbide Stellite Inconel Special
Support Type	Support Plate / Stem
Drive	Straight Slot / Curve Slot
Roundness	0.01~0.02
Roughness	Ra0.2~Ra0.4
Coaxiality	0.05

FORGING GATE VALVE BODY

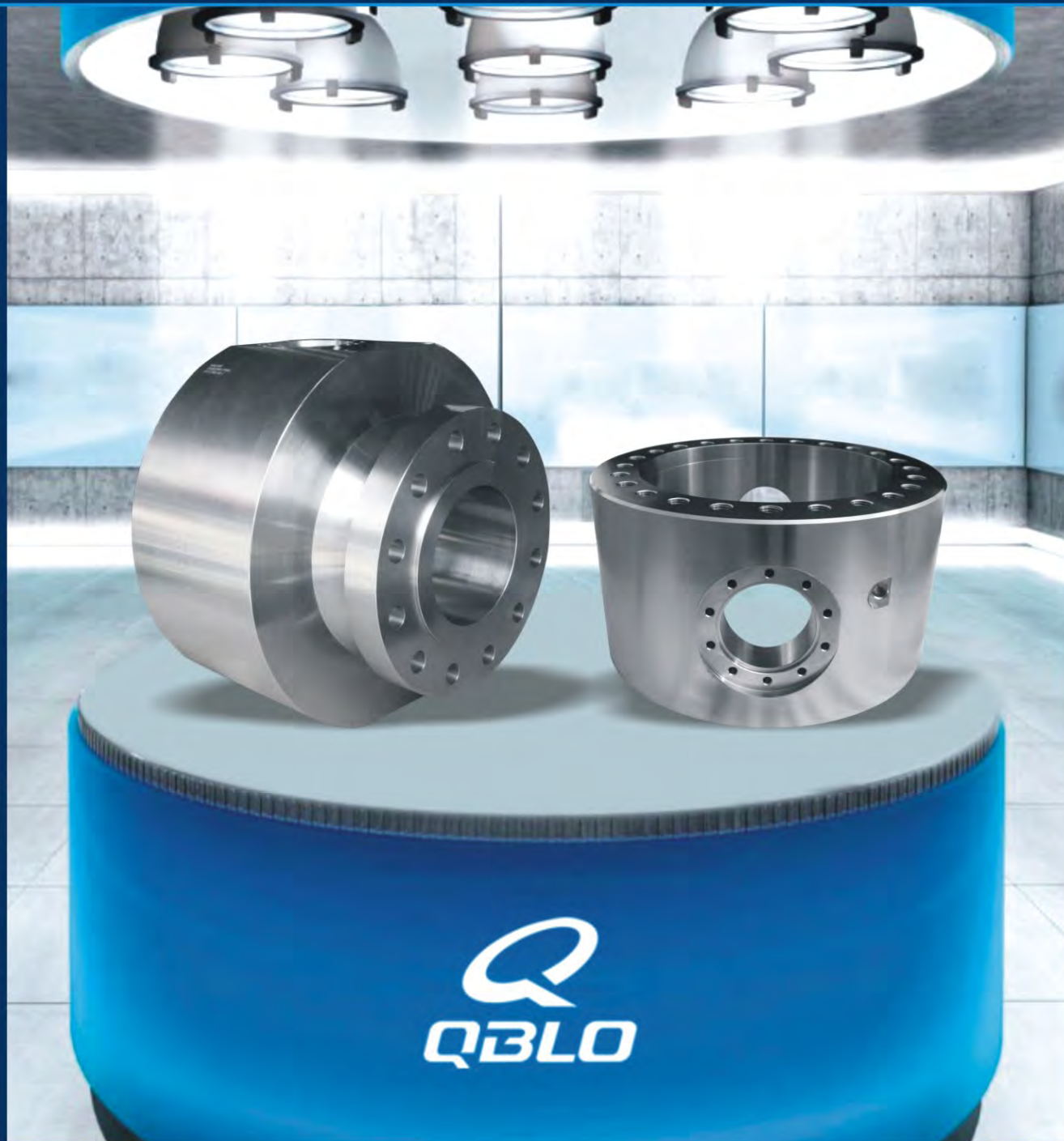


QIUBAO-VALVE FORGING SPECIALIST

Trunnion ball, floating ball, body, closure and other ball valve components

Product Name	Forging gate valve body
Size	NPS 1–10 (DN25~250)
Pressure Rating	Class 1500 (PN250)
Base Material	ASTM A105, A350 LF2, A182 F304, A182 F316, A182 F6a, A182 F51, A182 F53, A182 F55, A564 630 (17–4PH), Monel, Inconel
Coating	ENP Chrome Plating

VALVE BODY



QIUBAO-VALVE FORGING SPECIALIST

Trunnion ball, floating ball, body, closure and other ball valve components

Product Name	Body
Size	NPS 1–60 (DN25~1500)
Pressure Rating	Class 150~2500 (PN16~420)
Base Material	ASTM A105, A350 LF2, A182 F304, A182 F316, A182 F6a, A182 F51, A182 F53, A182 F55, A564 630 (17–4PH), Monel, Inconel
Coating	ENP Chrome Plating

VALVE CLOSURE



QIUBAO-VALVE FORGING SPECIALIST

Trunnion ball, floating ball, body, closure and other ball valve components

Product Name	Closure
Size	NPS 1–60 (DN25~1500)
Pressure Rating	Class 150~2500 (PN16~420)
Base Material	ASTM A105, A350 LF2, A182 F304, A182 F316, A182 F6a, A182 F51, A182 F53, A182 F55, A564 630 (17–4PH), Monel, Inconel
Coating	ENP Chrome Plating

SEAT RING



QIUBAO-VALVE FORGING SPECIALIST

Trunnion ball, floating ball, body, closure and other ball valve components

Product Name	Seat Ring
Size	NPS 1–60 (DN25~1500)
Pressure Rating	Class 150~2500 (PN16~420)
Base Material	ASTM A105, A350 LF2, A182 F304, A182 F316, A182 F6a, A182 F51, A182 F53, A182 F55, A564 630 (17–4PH), Monel, Inconel
Coating	ENP Chrome Plating Tungsten Carbide Chrome Carbide Stellite Inconel Special

BALL VALVE COMPONENTS



QIUBAO-VALVE FORGING SPECIALIST

Trunnion ball, floating ball, body, closure and other ball valve components

Product Name	Components
Size	IPS 1–60 (DN25–1500)
Pressure Rating	Class 150–2500 (PN16–420)
Base Material	ASTM A105, A350 LF2, A182 F304, A182 F316, A182 F6a, A182 F51, A182 F53, A182 F55, A564 630 (17–4PH), Monel, Inconel
Coating	ENP Chrome Plating

SALES MARKETING & SERVICE

Main marketing: the United States, Europe, Russia, Japan, Korea etc.



SALES SERVICE:

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