

FORGING SOLUTION

FLANGE / FITTING / VALVE





ROSSI

Commitment to
excellence in quality

Streamline
management team

Competitive
pricing

Shorter lead times

No order is too small

Attention to details

ABOUT ROSSI

ROSSI FORGING is a forging factory offering products of exceptional quality. Our commitment to excellent quality products and the return of our clients to place orders year in and year out only proves this point.

Our facilities utilizes the closed-die or impression-die forging, as it is also often called which offers all the advantages of open-die forging while allowing you to control the final three-dimensional shape of the forged product as no other process can. We can offer closed-die forgings which ranges from 1 to 750 kilos.

We strive for perfection when it comes to quality in forging products.

A progressive focus on quality is an important edge over our competitors. Having been in this industry for nearly 15 years made Rossi Forging realizes this well to thrives on producing higher quality products for it's clients on a daily basis. In fact, any deviation from a strict quality focus can spell doom for any forging company. That is why continuous improvement strategies and adding services has made us one of the most efficient forging companies and is the key aspects of our operations.

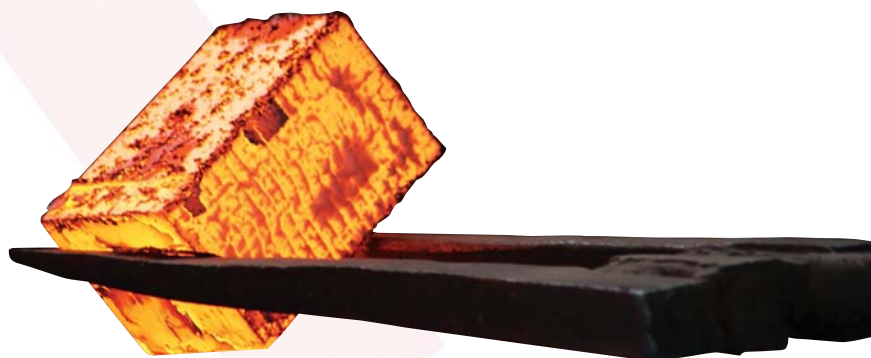
We provide superior forging services performed exclusively by our dedicated and knowledgeable in-house engineering staff. Our foresight, innovation, and extensive experience are complemented by our ongoing investment in advancements in forging technology, guaranteeing that ROSSI's forging products are of excellent quality and efficiently made. This way, we can pass on the saving to our clients.

ROSSI FORGING is an integrated manufacturer with in-house forging, machining & OEM. In terms of machining, Forging's services range, milling and drilling to intricate contour milling and broaching.

Destructive and non destructive testing, Pneumatic and Hydrostatic test(Ambient and Cryogenic) are all parts of our test procedures which we conduct depending on the product's standards.

ROSSI forge shop contains a full line of forging equipment including billet heating furnaces and induction heaters, forge presses and hammers, trim presses and heat treatment equipment. All necessary support equipment including a forge die shop capable of in-house manufacture is located at this facility.

ROSSI machining shop is equipped with the most modern facilities and a highly qualified workforce, enabling us to offer the widest possible range of products. Our product line embodies our commitment in quality, productivity and dependability. All these combined with our experience and tradition of excellence, has led to our unparalleled reputation for quality.



ROSSI PRODUCTS

ROSSI offers comprehensive variety of flanges which are available in different sizes and pressure class. These are made of high quality raw material according to different standard upon client's request.

ROSSI produces flanges for your particular needs and for any specifications and requirements. Large orders for flanges can be easily executed by us in a stipulated time frame

Size

1/2" to 60" (Custom sizes are available per requirement)

Pressure Class

150# to 2500#

Dimension/ Design Standard

Up to 24": ASME B16.5

26"~60" : ASME B16.47 A/B & API 605

Material

Refer to material section

API Flanges

Rossi produces all sizes and shapes of flanges, including; Blind flanges and Ring Joint Gaskets based on API 6A

Size

From 1 13/16" to 16 3/4" based on API requirements / limitation for various pressures.

Working Pressure

2000 PSI, 3000 PSI, 5000 PSI, 10000 PSI, 15000 PSI & 20000 PSI

PSL : 1, 2, 3 & 4

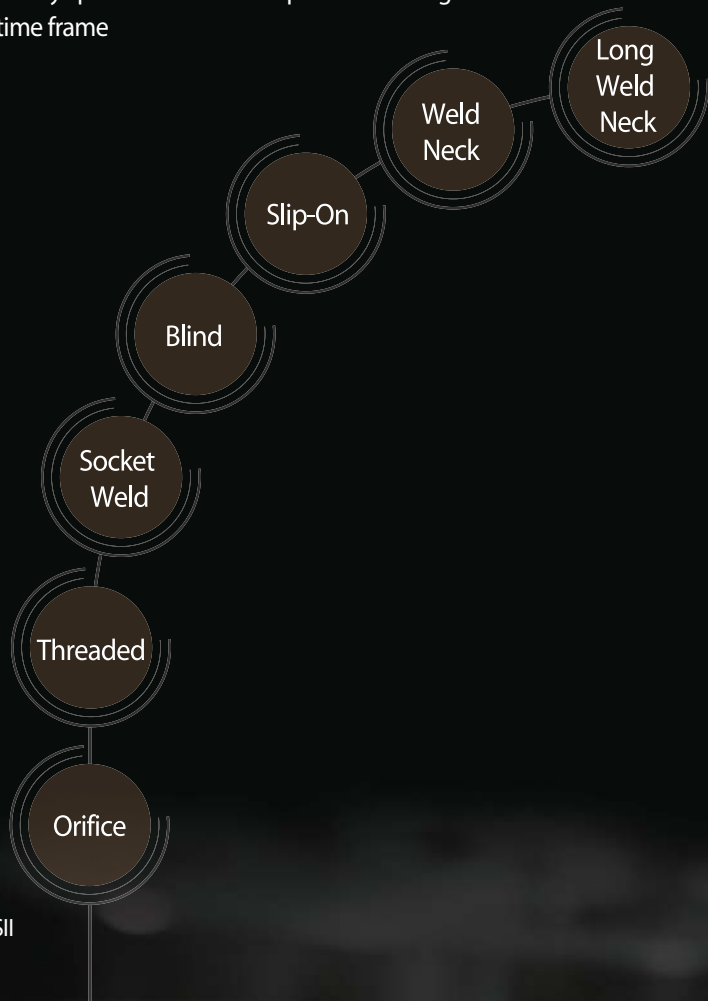
Material

Carbon Steel, Stainless Steel, Low Alloy Steel Chrome & Nickel Alloy

Please find detailed info in the material section.

Dimension/Design STD

API6A (6B and 6BX type)



ROSSI PRODUCTS

One of the most critical aspects of our service is our ability to meet the most urgent deadlines. That is why we always maintain efficiency in producing our forged fittings with utmost care when it comes to quality.

We also stock a similar range of fittings which we ourselves produce in order to meet the demand of our client's needs. In addition to our standard ranges we can also produce virtually any type of fittings to match your exact material, size and technical specifications.

Our production facility has different areas for Carbon Steel, Stainless Steel and Inconel forged products.

Size

1/2" to 4",
Any special size forging fittings are possible based on request.

Pressure Class

2000, 3000 and 6000 for Threaded Ends
3000, 6000 and 9000 for Socket Weld Ends

Dimension/Design Standard

ASME B16.11, MSS SP79, MSS SP83, MSS SP95 & MSS SP97.

Material

Carbon Steel
Low Alloy steel
Stainless Steel
Nickle base Alloy
Duplex and super duplex

For more detail , refer to material section.

ROSSI produces special pieces such as Y Tees, Tees & Lateral Tees are made according to client's drawings or designed and calculated by our team, in accordance with the main international codes such as ASME B31.1, ASME B31.3, ASME VIII, TRD 301, TRD 303, with dedicated software. In addition, Rossi is capable of producing UREA PLANT FITTINGS. All fittings are made with Stainless Steel which is specially modified for UREA service and dimensioned with client's design.



ROSSI PRODUCTS

ROSSI has a proven track record and a reputation for quality and reliability in producing forged valves for our clients no matter what their needs and requirements may be. Oil & Gas industries lose millions of dollars every year through the negligence of low quality valve production, which can result in valve failures, out of specific product, downtime expenses & workplace accidents. We produce quality valves which you can depend on and this is why most clients trust Rossi Brand. We can supply a wide range of manual or actuated valves to suit all types of applications.

ROSSI manufactures:

- Ball Valves: General Ball Valves, Single Block & Bleed valve, Double Block & Bleed, V-Ball Valves with Soft & Metal Seat
- Check Valves: Piston, Swing, Tilt & Ball Check
- Gate Valves: Bolted Bonnet, Welded Bonnet & Bellows type
- Globe Valves: Bolted Bonnet, Welded Bonnet & Bellows type
- Needle Valves: Globe type
- Strainers: T & Y type
- Cryogenic Service Valves (Ball, Gate, Globe & Check type)

Size

All Ball Valves: 1/2" to 24"

Pressure Class: 150# to 2500#

Flanged Ends & BW

All other valves: 1/2" to 4" (DN8 to DN100)

Note: All valves's body will be from forged material

Pressure Class

3M, 6M, 9M for under 4" and 150# to 2500# for under 6"

Ends Type

FLG, SW, THRD & Butt Welding

Valve Design Standard

API602, BS5352, BS5351, ASME B16.34 & BS6364

Ends Dimension

SW, THRD according to ASME B16.11

Flanged Ends according to ASME B16.5

Butt Welding Ends according to ASME B16.25

Valves Trims

All trim requirements are based on standard.

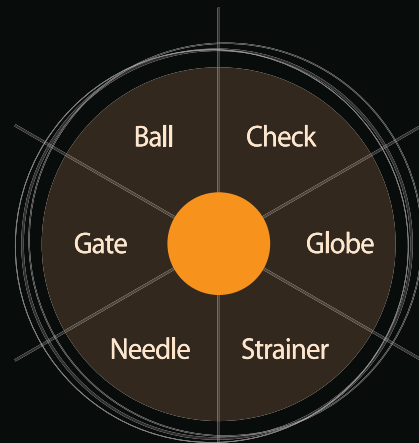
Note: We can produce special trim;

Tungsten Carbide, Ti Carbide, etc.

Material

Carbon & Stainless Steel, Low & High Alloy, Nickel Alloy & other materials

Note: Please find detailed info in the material section.



ROSSI'S MATERIAL VARIETY

Carbon Steel & LTCS	Low Alloy	Stainless Steel	Duplex & Super Duplex	Nickel Alloy	Titanium	Bronze
A105	A182 F11 (CL 1,2,3)	A182 F304/304L	A182 F51 (UNS S31803)	B564	ASTM B381 (F2, F3)	ASTM B283 C11000
A350 (LF2~1/2)	A182 F22 (CL 1,3)	A182 F304H	A182 F53 (UNS S32750)	MONEL 400		ASTM B283 C70620 (90/10)
A694 F42	A182 F5/5a	A182 F316/F316L	A182 F54 (UNS S39274)	MONEL K500		ASTM B283 C71520 (70/30)
A694 F46	A182 F23	A182 F316H	A182 F55 (UNS S32760)	HASTELLOY C		
A694 F52	A182 F91	A182 F317L	A182 F60 (UNS S32205)	INCO 800		
A694 F60	A182 F1	A182 F321		INCO 625		
A694 F65	A182 F911	A182 F347		INCO 825		
A694 F70	A182 F9	A182 F6 a/b				

- VIM+ESR are used for producing Super Alloy as well as Nickel base and Super Duplex
- All material can be produced suitable for Sour Services based on NACE MR0175/ISO15156 guidelines.
- All Stainless Steel material are supplied as dual grades.
- Special impact test temperature for LTCS are available upon customer request.
- PREN for Super Duplex material are more than 40.
- All Austenitic Stainless Steel are supplied in solution annealed condition.





www.rossiforging.com

43-22, 484 GIL, DAEGOT-RO, DAEGOT-MYEON, GIMPO-SI, GYEONGGI-DO, SOUTH KOREA
TEL : +82-70-7012-8134 FAX : +82-303-3440-6917 E-MAIL : marketing@rossiforging.com