



RTD Group

Forging a better world

RTD Group

Three complementary realities for one **STRONG GROUP**

RTD Group represents the union of three solid companies specialized in the production and trade of complete forging solutions. Through an overall vision and with extreme flexibility, the Group is able to offer the customer a wide range of products and services thanks to effective and tailor-made solutions aligned with the highest and most demanding market expectations.

WHO WE ARE

The three
companies



RTD Forge

RTD FORGE

Specialized in the manufacturing of medium size forged and rolled rings, flanges at rectangular section or shaped according to the client's design and some open-die forgings such as discs, bars and blocks, produced in different material grades and supplied in un-machined, pre-machined or fully machined conditions.



Italian Forge

ITALIAN FORGE

Our new forging company, complementary to RTD FORGE, and specialized in the production of medium-small size rings, flanges, discs and blocks. Italian Forge is able to offer pieces in a wide range of materials, some nickel-based alloys included.



S.C.O.M.

S.C.O.M.

An extensive of connections with the leading European manufacturers along with an internal stock ensure reduced delivery time for finished products to the client.

HOW WE CAN SUPPLY

UN-MACHINED PIECES

PRE-MACHINED PIECES

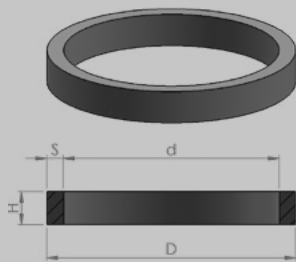
FULLY-MACHINED PIECES

Express Delivery Service
Contact your reference person



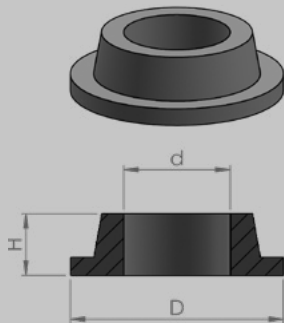
**1-3 working weeks
after verification**

WHAT WE DO Products



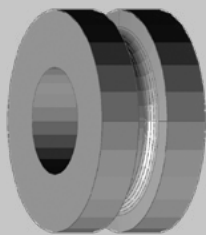
RING

	min	max
D	350	4.500 mm
d	150	4.200 mm
H	30	950 mm
Kg	50	6.000



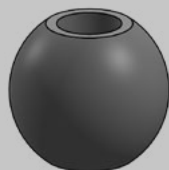
FLANGE

	min	max
D	350	4.500 mm
d	150	4.200 mm
H	30	950 mm
Kg	50	6.000



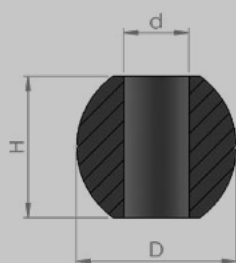
PROFILED CLOSURE

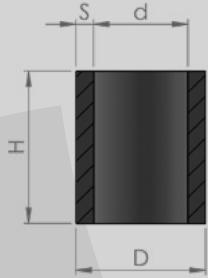
	min	max
D	12"	36"



BALL

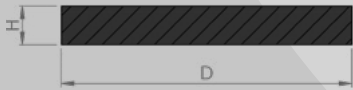
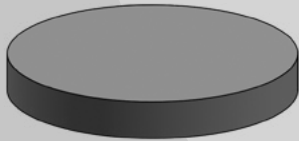
	min	max
D	6"	36"





BUSH

	min	max
D	350	4.500 mm
d	150	4.200 mm
H	up to	3.000 mm
Kg	up to	10.000



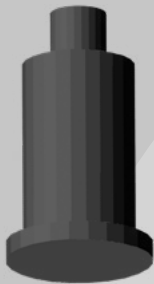
DISC

	min	max
D	400	2.950 mm
Kg	100	20.000



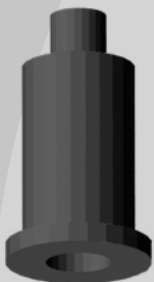
BLOCK

	min	max
L1	100	1.000 mm
L2	100	1.000 mm
L3	100	1.000 mm
Kg	200	15.000



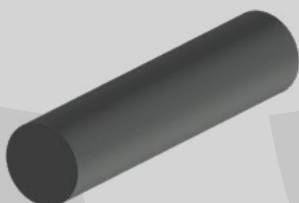
SHAFT without internal hole

	min	max
D	300	1.000 mm
H	up to	2.500 mm
Kg	200	15.000



SHAFT with internal hole

	min	max
D	300	1.000 mm
d	200	800 mm
H	up to	2.500 mm
Kg	200	15.000



BAR

	min	max
D	50	1.000 mm
L		6.000 mm

MATERIALS

**ONLY SUITABLE,
HIGH-PERFORMANCE MATERIALS**

- Carbon steels and low-alloy steels
- Alloy steels
- Austenitic stainless steels
- Martensitic stainless steels
- Duplex and super duplex
- Nickel-based super alloys
- Aluminium alloys

CERTIFIED

COMPANY

We work in compliance with the standards and the technical specifications related to the different types of products of the main industrial sectors.

Highly qualified suppliers, stringent testing and sampling, constant monitoring of every detail of the manufacturing process.

**Product certifications for
naval applications:**

ISO 9001:2015

ISO 14001:2015

PED - DNV

DNV

LLOYD'S
REGISTER

RINA

AD2000 WO+

NORSOK

ABS

BUREAU
VERITAS

HOW WE DO

Our work phases



01

Order analysis



02

Selection of the raw material



03

Cutting



04

Heating



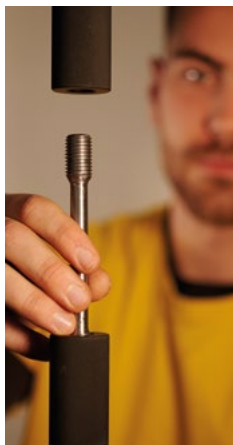
05

Forging and/or rolling



06

Heat treatment



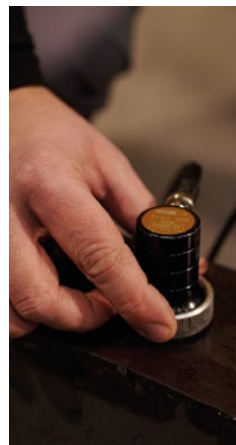
07

Mechanical Testing



08

Machining on request



09

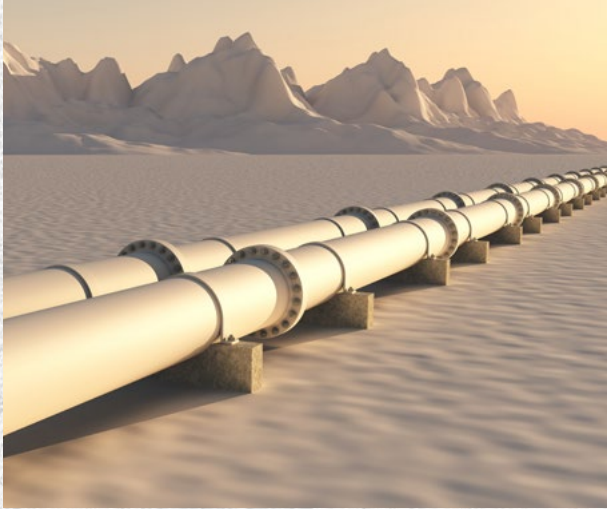
Non destructive tests on request



10

Marking and packing

APPLICATIONS



- Oil & gas
- Power generation
- Transmission
- Shipbuilding
- General mechanics
- Nuclear





OUR LOCATIONS



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Italian Forge

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FOR FURTHER INFORMATION









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