



RTD Group

Forging a better world

RTD Group

Two complementary realities for one strong group

RTD Group represents the union of two solid companies specialized in the production 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.



RTD Forge

A solid experience in the field of forging and a precious know-how place RTD Forge at the center of a highly skilled system through a lean and dynamic structure. RTD Forge is considered the benchmark for the production of medium pieces, distinguishing itself for the attention and professionalism put at the customer's service in compliance with optimization and timing.



Italian Forge

Flexible, dynamic, innovative. ITF Italian Forge is recognized as an Italian company at the forefront in the field of forging and stands out for the high level of its products mainly linked to medium-small size productions. An important point of strength, able to adapt the offer to specific requests.



RTD Group works to create relationships of trust, supporting its customers in the generation of innovation through research and the identification of cutting-edge solutions in every sector.

Vision

Mission

By combining the complementary skills of two consolidated realities in the forging sector, RTD Group wants to be the reference point for all companies looking for tailor-made solutions, effectively providing them with first class quality materials in maximum safety.



Our work phases



01

Order analysis



02

Selection of the raw material



03

Cutting



04

Heating



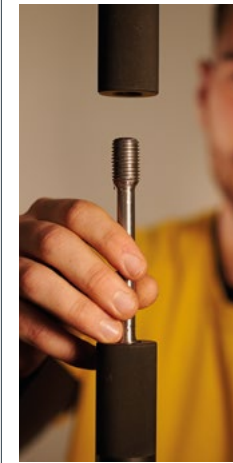
05

Forging and/or rolling



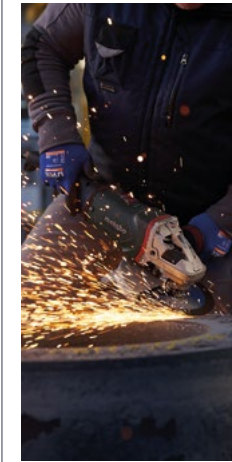
06

Heat treatment



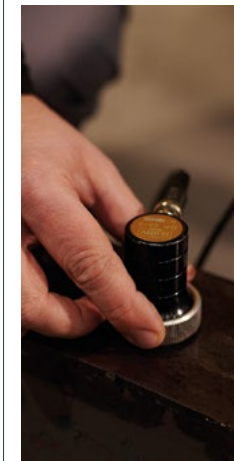
07

Mechanical Testing



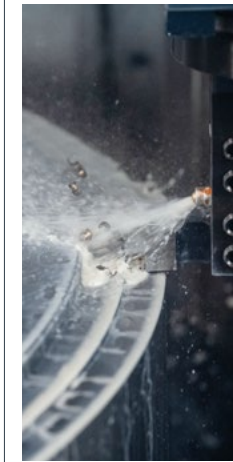
08

Machining on request



09

Non destructive tests on request



10

Marking and packing

A SEAMLESS AND FLEXIBLE PROCESS

All production processes are designed to quickly offer customers a tailor-made product, with the highest quality and timeliness, in full compliance with specific needs.

PRODUCTS

We shape the future

Our products

We manufacture hot-rolled rectangular-section or shaped rings in all types of steel, alloys and super alloys.

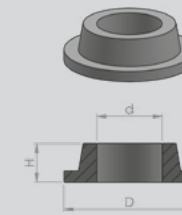
Our rings can be shaped by rolling into a wide range of profiles.

Every order is a challenge that we enthusiastically face, identifying the best manufacturing solutions and searching for new ones. Thanks to the flexibility and expertise of our team, we can quickly meet any request and provide the highest quality service.

WE OFFER A WIDE RANGE OF PRODUCTS, ALSO FOR SMALL SERIES.

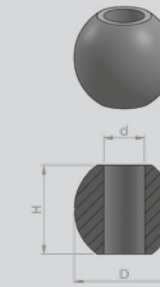
Flange

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



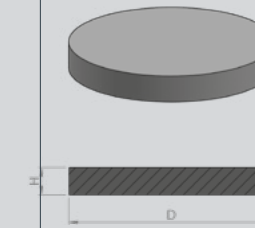
Ball

	min	max
D	6"	28"



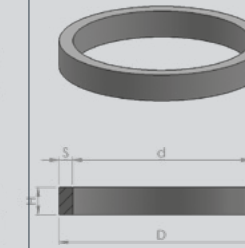
Disc

	min	max
D	400	2.950 mm
Kg	100	20.000



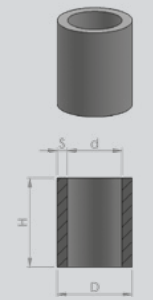
Ring

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



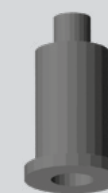
Bush

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



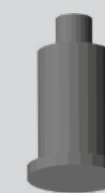
Shaft with internal hole

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



Shaft without internal hole

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



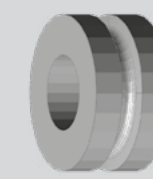
Block

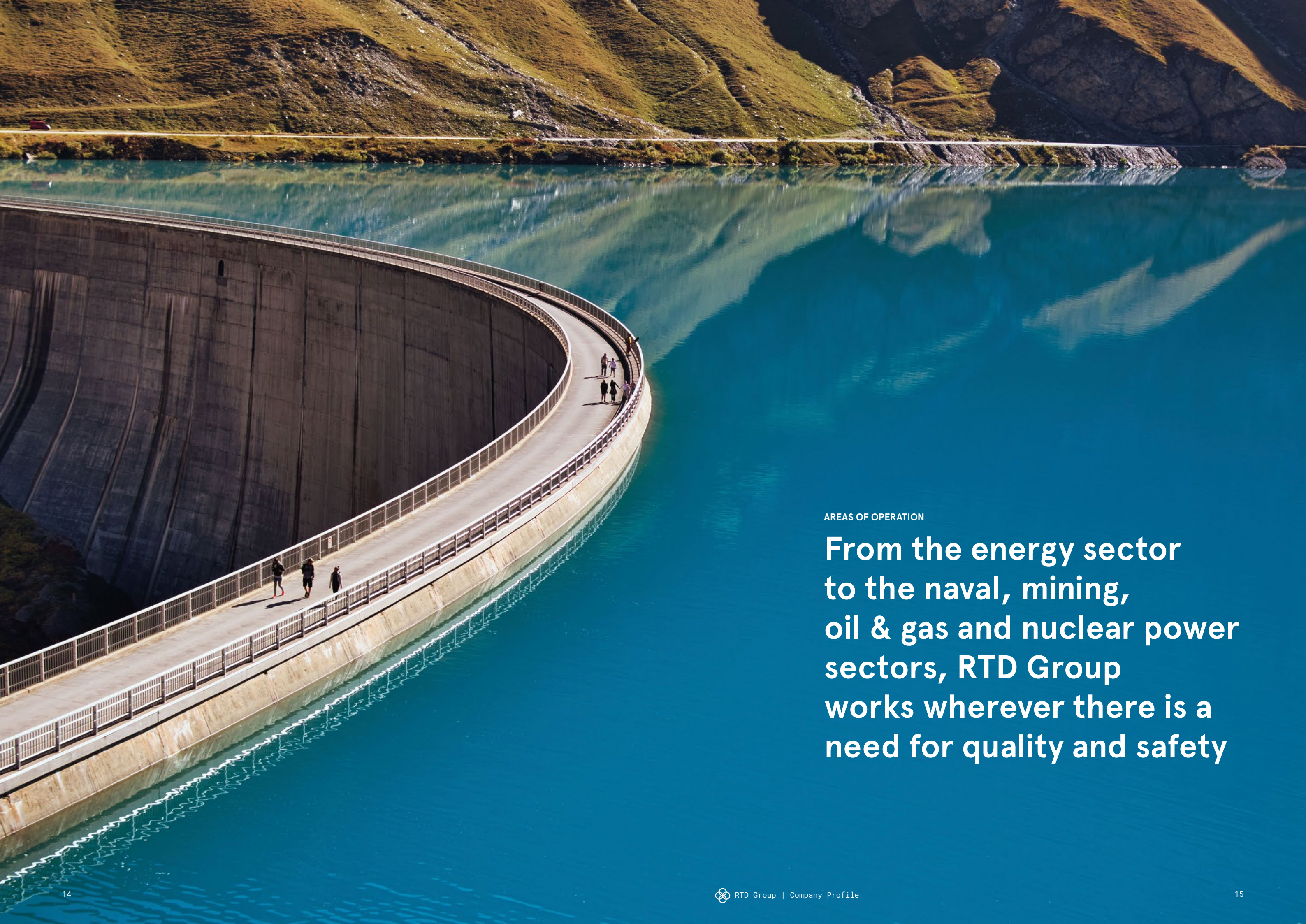
	min	max
L1	100	1.000 mm
L2	100	1.000 mm
L3	100	1.000 mm
Kg	200	15.000



Profiled closure

	min	max
D	12"	36"





AREAS OF OPERATION

From the energy sector to the naval, mining, oil & gas and nuclear power sectors, RTD Group works wherever there is a need for quality and safety

A single partner for many fields of application



Flexibility also involves the ability to meet the needs of different sectors in an effective and reliable manner. Thanks to lean production processes and certified expertise, our products are used in the most diverse fields, ranging from energy to naval, oil & gas, mining and nuclear power, wherever there is a need for quality and safety in every component.

SOME EXAMPLES OF APPLICATION

Oil and gas industry

Energy industry: wind, hydroelectric, steam and gas turbines

Wind and industrial sector: transmissions

Shipbuilding

Mechanical engineering industry

Nuclear industry

Mining and earthmoving industry

We provide complete forging solutions, driven by skill, passion and a spirit of innovation



FROM SHAPING MATERIALS TO TESTING

RTD Group is a global player that controls all industrial processes required for manufacturing semi-finished rings in steel and super alloys.

The process starts with selecting raw materials and determining technical details through to the manufacturing of semi-finished products, heat treatment and machining on request.

Special attention is given to the testing and inspection phase to ensure the highest quality and reliability of products for customers.

Fast, flexible and reliable

A glowing orange furnace with a black metal rod passing through it. The furnace is filled with bright orange light, and the rod is dark and cylindrical. The background is dark, making the furnace and the rod stand out.

COMPLETE FORGING SOLUTIONS

Partners, not suppliers



CERTIFICATIONS

We believe in quality as a broad-ranging principle

COMPLIANCE WITH THE HIGHEST INTERNATIONAL STANDARDS

When manufacturing a semi-finished product, quality starts with the raw materials.

At RTD Group, highly qualified suppliers, stringent testing and sampling, and constant monitoring of every detail of the manufacturing process are well-established practices that comply with the highest manufacturing standards.

As an additional guarantee of the quality and professionalism of our products and services, we have obtained ISO 9001 quality certification and other process and product qualifications:

- NORSOK M-650 for F51 and F53
- PED DNV-GL
- AD 2000 W0
- ABS for naval applications
- BV for naval applications
- DNV-GL for naval applications
- Rina for naval applications
- Lloyd's Register for naval applications



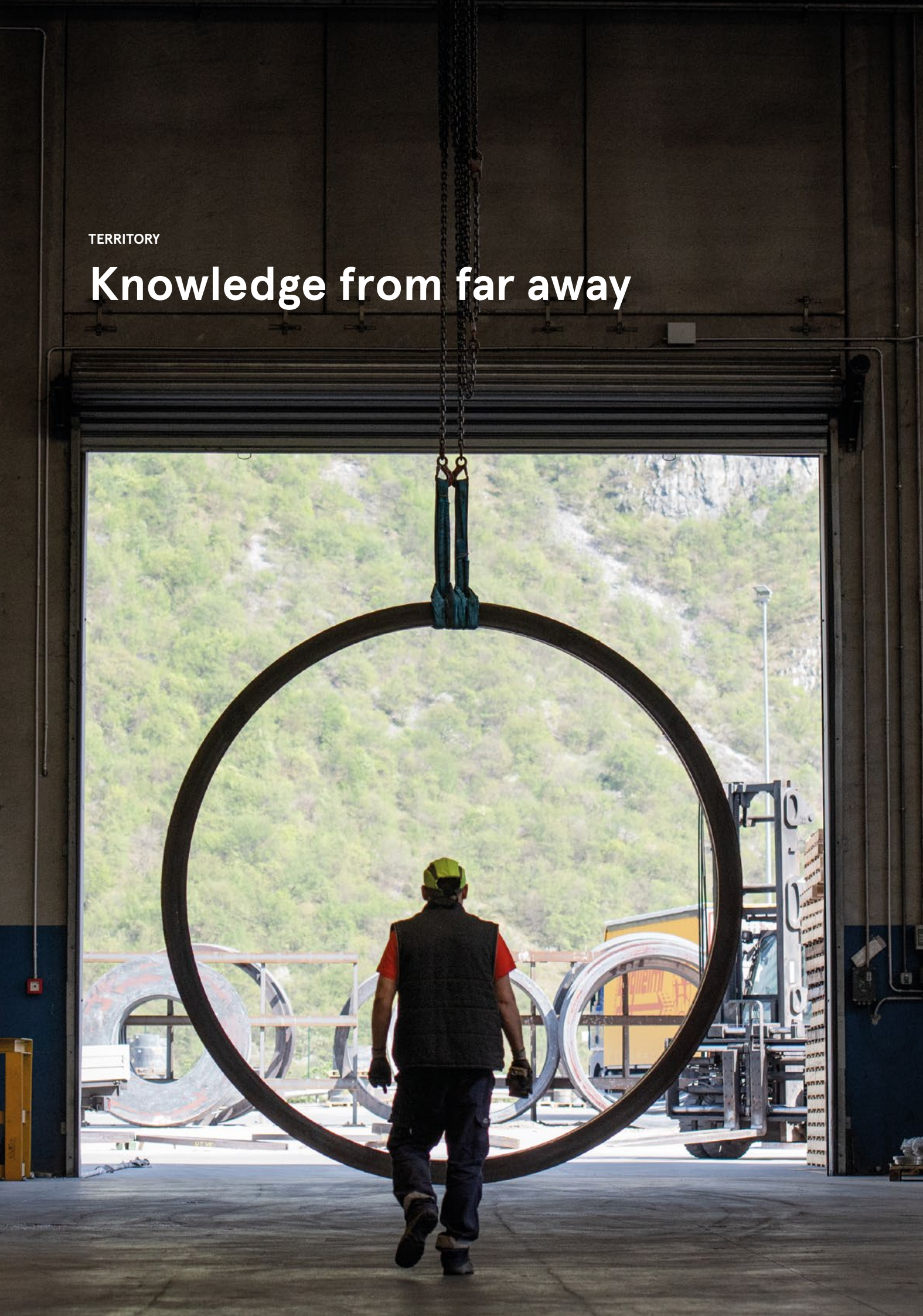
Management System
Certification ISO 9001



Quality Approval
and Accreditations

TERRITORY

Knowledge from far away



A SHARED HERITAGE

RTD Group's know-how has its roots in an entrepreneurial network with a long history, steeped in a culture of prestigious tradition in rolling and forging metals.

From the Val d'Astico in the north of Vicenza, where RTD Forge is based, up to Friuli-Venezia Giulia, the culture of metal production and processing constitutes a shared heritage that has allowed the group to develop first-class expertise in all the types of products offered.



MATERIALS

Only suitable, high-performance materials

Carbon steels and low-alloy steels

Alloy steels

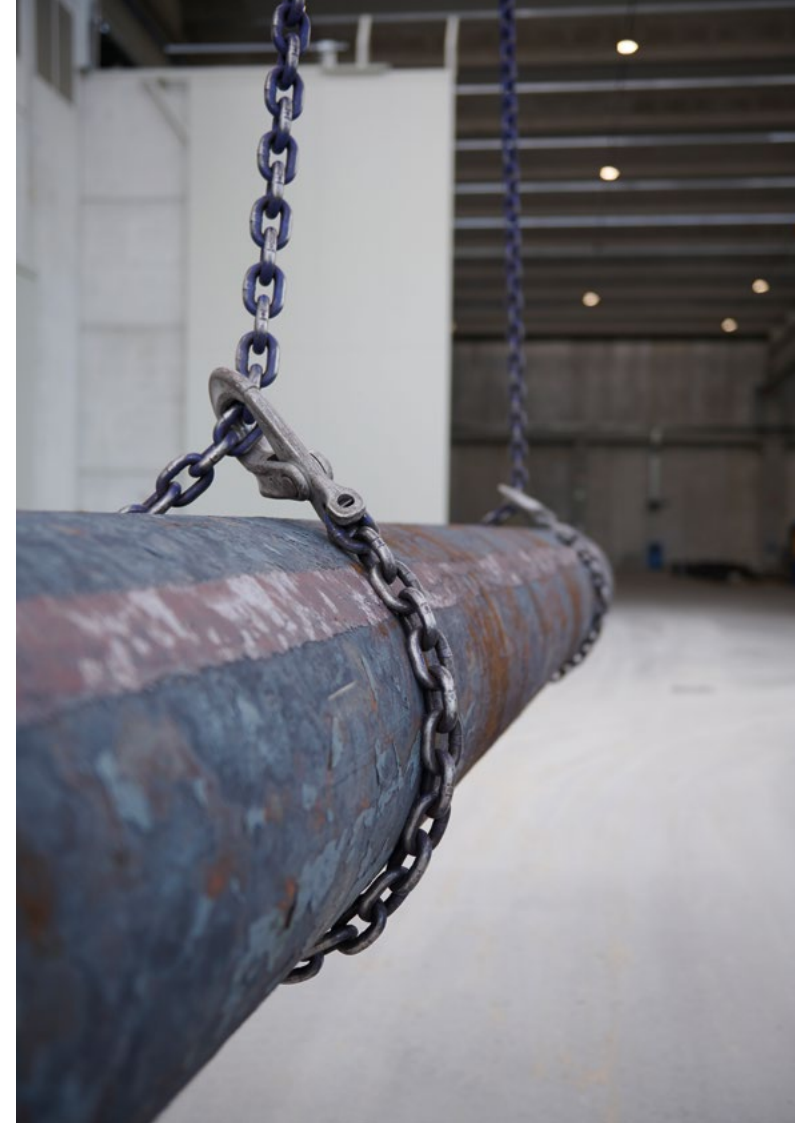
Austenitic stainless steels

Duplex and super duplex stainless steels

Martensitic stainless steels

Precipitation hardening steels

Nickel-based super alloys





A RELIABLE PARTNER

Flexibility, effectiveness and quality



RTD Forge



RTD Forge

The link between experience and innovation



RTD Forge is a company specialized in the production of rolled rings in a rectangular section or shaped according to the project supplied by the customer.

It is also a reference in expertise in the production of flanges, forged discs and other free forging details.

The high competitiveness of its products on the international market is guaranteed by a constantly updated system of plants to meet the most specific and complex requests on a global scale.

Thanks to its own internal laboratory, the company can also guarantee the required degree of certification, through witnessed tests or not.

To always provide maximum safety and guarantee the finest quality of its products, RTD Forge also offers all types of non-destructive testing.



RTD Forge
Part of RTD Group

+50

Employees

+35M

Turnover

17K

Tons produced

RTD Forge Arsiero (VI)





ITF
Italian Forge



ITF Italian Forge

Italian excellence: flexible, dynamic and innovative



ITF Italian Forge is an Italian company at the forefront in the field of forging and manufacturing of seamless rolled rings in steel or super alloys.

The company stands out for its dynamic, fast and fluid programming, with an innovative problem-solving approach to manufacturing and to customers.

Quality manufacturing, flexible processes and a personalized service for the client are the features that distinguish the company in the industry.

ITF Italian Forge was established by a group of professionals who have been working in the sector for decades and accept the challenge of offering their experience in the forging industry to give shape to new projects.

ITF Italian Forge is not only a manufacturing company that stands out for its dynamism and fast and smooth programming but also for its innovative problem-solving approach to its production and customers. The technical and commercial skills of its team, acquired in these fields, guarantee the utmost quality and safety.



+20

Employees

+10M

Turnover

5K

Tons produced

ITF Italian Forge Codroipo (UD)



Contact us

Our technical-commercial departments are at your disposal for possible information and clarifications. Please do not hesitate to contact us.



RTD Group

RTD Group
enquiries@rtdgroup.com



RTD Forge

RTD Forge
Via dei Roveri 34,
36011 Arsiero (VI)
T +39 0445 741420
F +39 0445 712368
info@rtdforge.com
rtdforge.com



Italian Forge

ITF Italian Forge
Zona Industriale Pannellia
33033 Codroipo (UD)
T +39 0432 1690457
F +39 0432 169045
info@itfforge.com
itfforge.com



ITF
Italian Forge

rtdgroup.com



RTD Group

RTD Group Headquarters

Via dei Roveri 34
36011 Arsiero (VI)
Italy

Tel. +39 0445 741420
Fax. +39 0445 712368