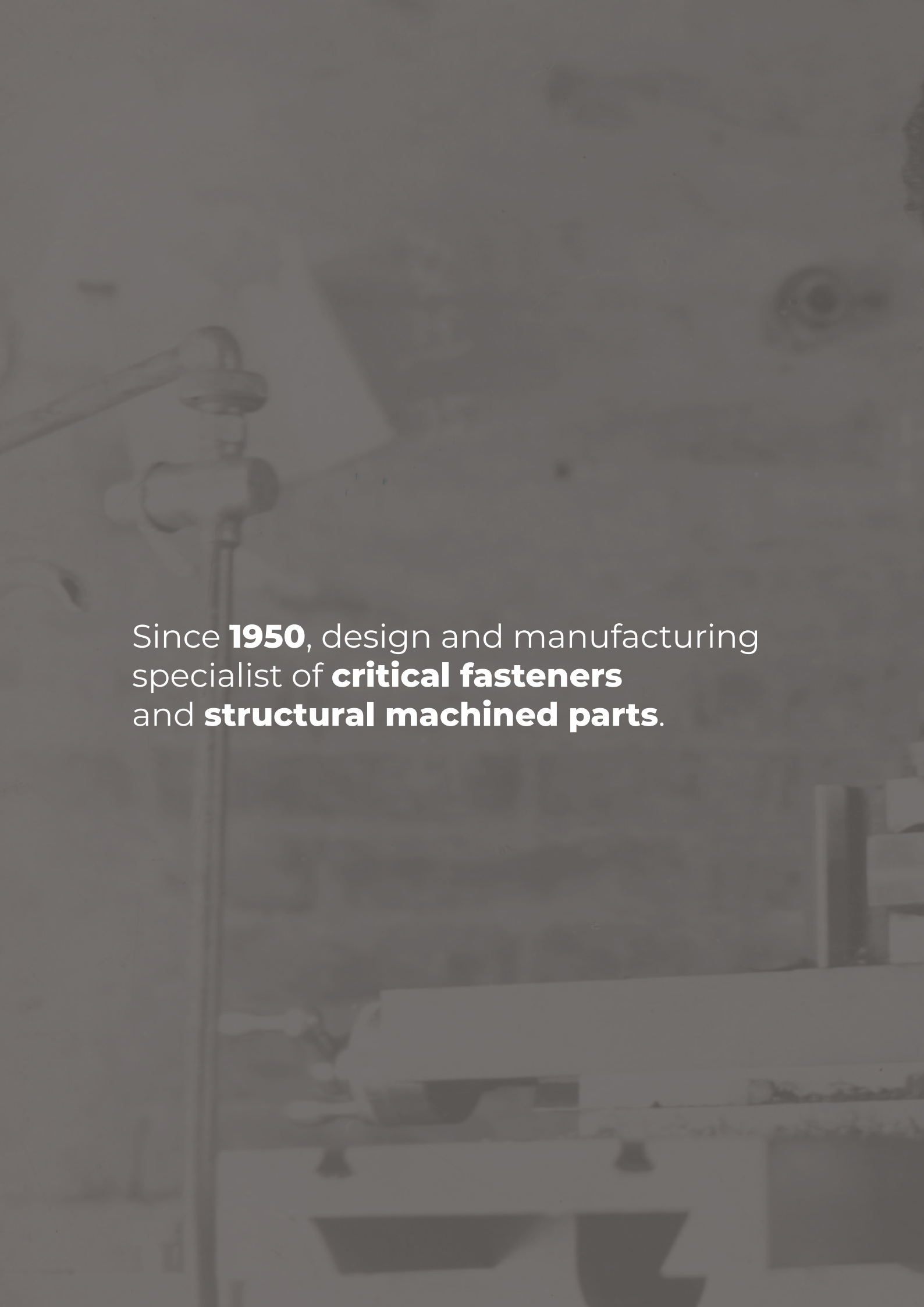
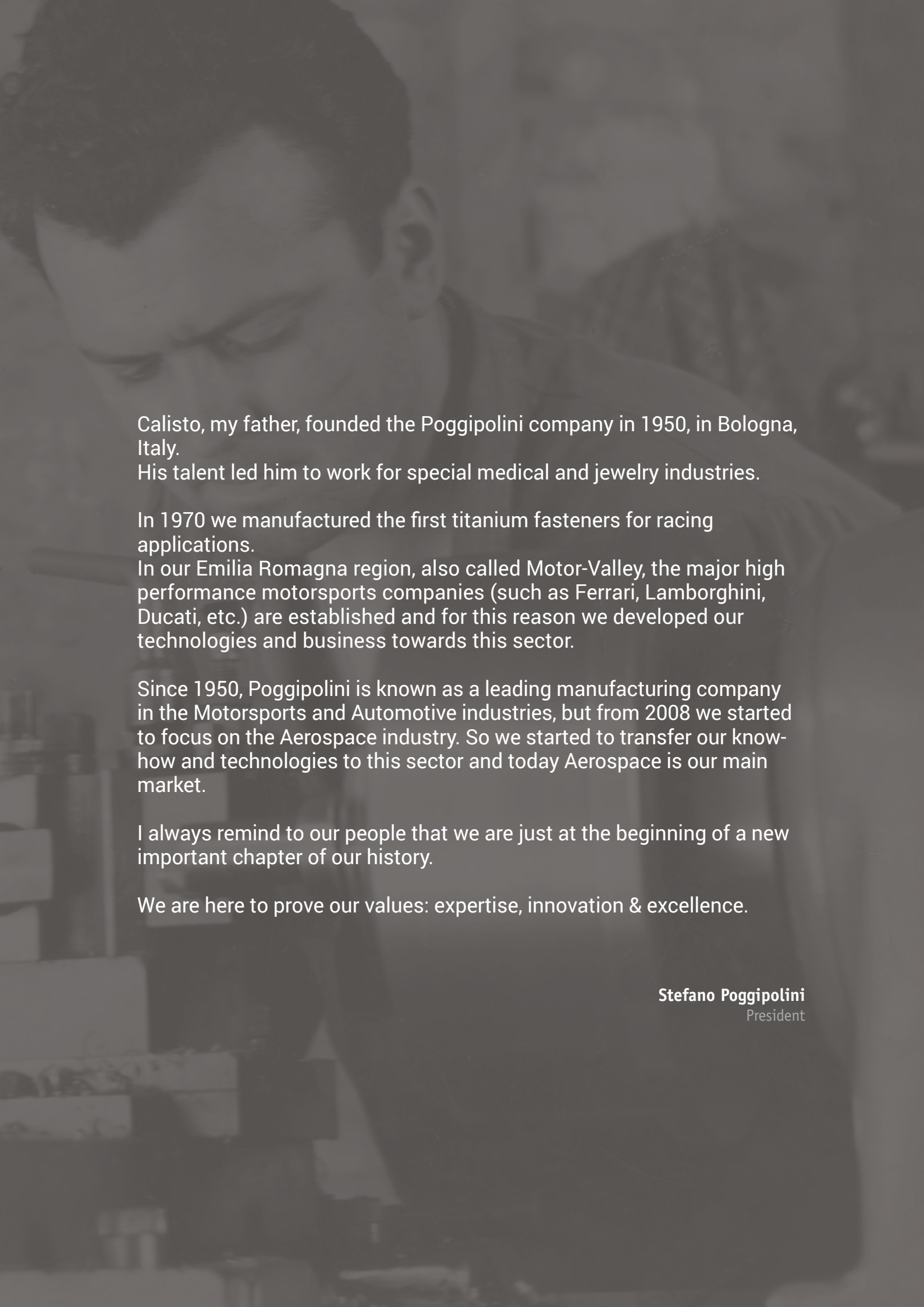
COMPANY PROFILE

POGGIPOLINI



Since **1950**, design and manufacturing specialist of **critical fasteners** and **structural machined parts**.



Calisto, my father, founded the Poggipolini company in 1950, in Bologna, Italy.
His talent led him to work for special medical and jewelry industries.

In 1970 we manufactured the first titanium fasteners for racing applications.
In our Emilia Romagna region, also called Motor-Valley, the major high performance motorsports companies (such as Ferrari, Lamborghini, Ducati, etc.) are established and for this reason we developed our technologies and business towards this sector.

Since 1950, Poggipolini is known as a leading manufacturing company in the Motorsports and Automotive industries, but from 2008 we started to focus on the Aerospace industry. So we started to transfer our know-how and technologies to this sector and today Aerospace is our main market.

I always remind to our people that we are just at the beginning of a new important chapter of our history.

We are here to prove our values: expertise, innovation & excellence.

Stefano Poggipolini
President

P1
10

We have all processes **in house**.

HOT FORGING

Poggipolini has over 40 years of experience on critical fasteners.
We are able to hot form the following materials:

MATERIALS:

DIMENSIONS:
from 5 mm to 60+ mm diameter, with length from 10 mm to 320 mm.

The Poggipolini hot forging equipment includes different forging machines: 100 ton, 165 ton and 250 ton. This equipment also includes an outstanding choice of shapes & sizes, any volume, at unrivaled quality.

This special process is automotive and aerospace qualified.

DESIGN and R&D

The Poggipolini Design and R&D centre is capable of handling every kind of analysis, simulations and study of any kind of mechanical component as requested by its customers.

With over 65 years of experience on special materials, treatments, coatings, machining processes and technical services, our R&D center also works to find the solution to the customers problems.

The Poggipolini engineers are provided with ultimate PDM, PLM and CAD systems in order to be able to manage both every day work, order designs and also the new projects that Poggipolini invents, develops, prepares and shows to its customers, as new and future business opportunities.
In addition, since 1999, Poggipolini has got its own Rapid Prototying (SLS technology) and 3D-Printing equipment, to be able to offer a full and customised service.

Production processes.

CNC MACHINING

With over 60 years of experience, Poggipolini runs a super advanced and precision machining production centre, with over 35 CNC ultimate centres able to work in a lean and very flexible way.

The added value are also the skilled people and the qualified and specialized engineers and technicians that creates the Poggipolini power.

OUR CAPACITY INCLUDES:

We are specialist on machining very complex and structural parts with dimensions up to 1000mm. Poggipolini capabilities also include shot peening, sandblasting and final parts assemblies.

HOT & COLD THREAD ROLLING

Poggipolini has over 40 years of experience on thread rolling special materials, such as titanium and special steel alloys.
The thread rolling know-how is one of the core capabilities of Poggipolini and this special process is qualified in aerospace, F1 and automotive.

Below you will find the list of materials and dimensions that can be worked:

MATERIALS:

DIMENSIONS: from M4 to M70, both metric and inch threads.

EQUIPMENT: the rolling centres capabilities are 5 ton, 10 ton and 30 ton.

Special processes.

HEAT TREATING

The heat treating division is another core activity for Poggipolini.
This process is fundamental, in order to supply the parts in the shortest lead time to our customers, with best quality and control.
Poggipolini is capable of delivering in 24H when needed, as requested by motorsports customers.

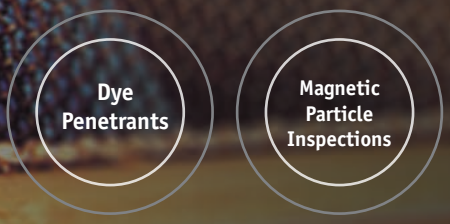
Poggipolini uses two vacuum ovens with different load sizes and high pressure cooling methods (up to 10 Bar). In this way Poggipolini can provide fast and dedicated customer solutions.
The high skilled heat treating technicians are also involved during R&D analysis, in order to always present the best treatment solution for that business case.

The heat treating division is NADCAP certified.

Nadcap
Administered by PRI
ACCREDITED
Heat Treating, NonDestructive Testing, Chemical Processing

NON DISTRUCTIVE TESTING

Poggipolini is also NADACP certified on:



Our NDT team includes three second level operators.

Nadcap
Administered by PRI
ACCREDITED
Heat Treating, NonDestructive Testing, Chemical Processing

GALVANIC PROCESSES

Poggipolini is able to perform:

PASSIVATION on stainless accordingly to: ASTM B967 - AMS 2700.
ANODIZATION on titanium and titanium alloys accordingly to: EN2808 - DTD942.
CADMIUN on stainless accordingly to: .

The Poggipolini Galvanic special process is certified by Agusta-Westland.

Production processes.

MATERIAL LAB TEST & QUALITY

Every year Poggipolini invests on certifications and quality controls.

Since Poggipolini began working with F1 in 1984, as a leading manufacturing company, we have been able to create and offer a quality level that matches Aerospace requirements.

In-house we perform testing & analysis, such as 3D Dimensional Controls, Microscopic Controls, Thread Checks and Profile Controls plus Destructive Testing such as Shear Testing, Tension Testing and Fatigue Testing.

Poggipolini also performs Tensile, Metallographic and Hardness tests in order to guarantee desired mechanical/metallurgic properties.

POGGIPOLINI IS QUALITY ORIENTED:

CERTIFICAZIONE DI SISTEMA QUALITÀ DNV·GL AS/EN/JISQ 9100

CERTIFICAZIONE DI SISTEMA QUALITÀ DNV·GL ISO 9001

Nadcap Administered by PRI ACCREDITED

Heat Treating, NonDestructive Testing, Chemical Processing

 # DIMENSIONS:

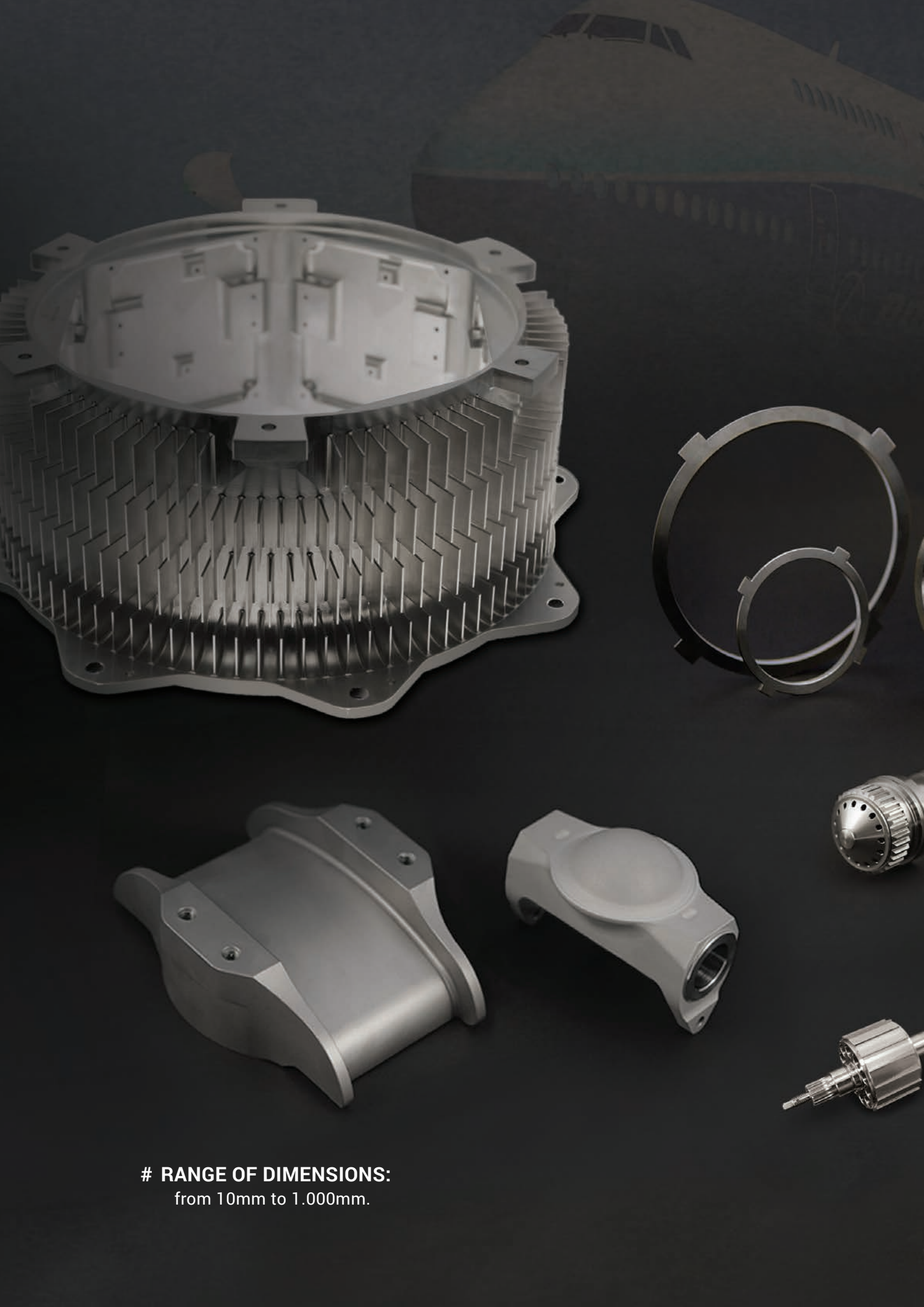
from M4 to M70, both metric and inch threads.

MATERIALS:

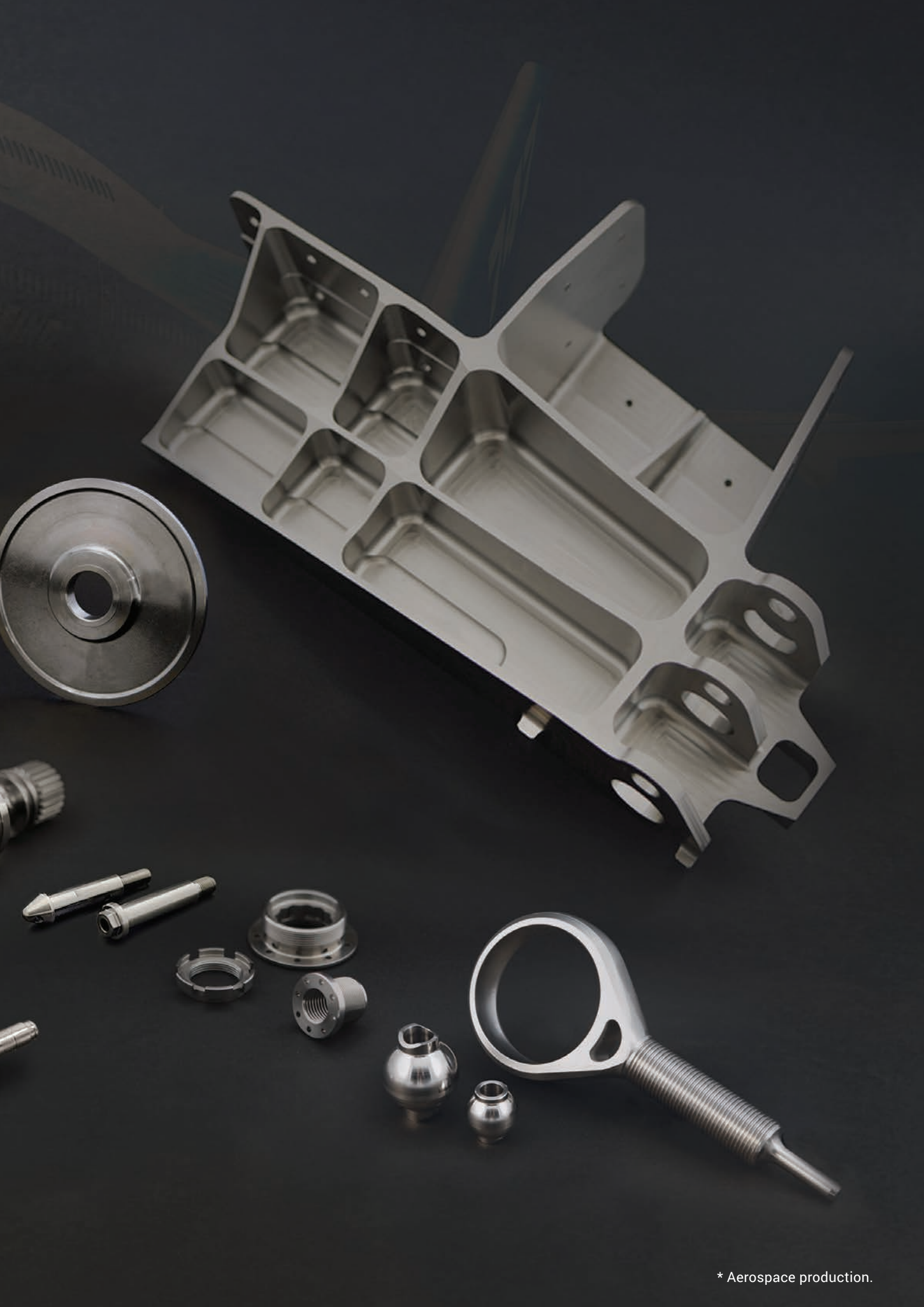
a. INOX: 17-4PH, 15-5PH, 13-8PH.
b. Carbon steel: ACC. AISI 304, AISI4340.
c. Special steel: AERMET100, MARAGING 300.
d. TITANIUM: Ti6Al4V.
e. ALLUMINIUM; any kinds.
f. Special Alloy: INCONEL, MP35N, MULTIPHASE.

EQUIPMENT:

the rolling centre capabilities are 5 ton, 10 ton and 30 ton.

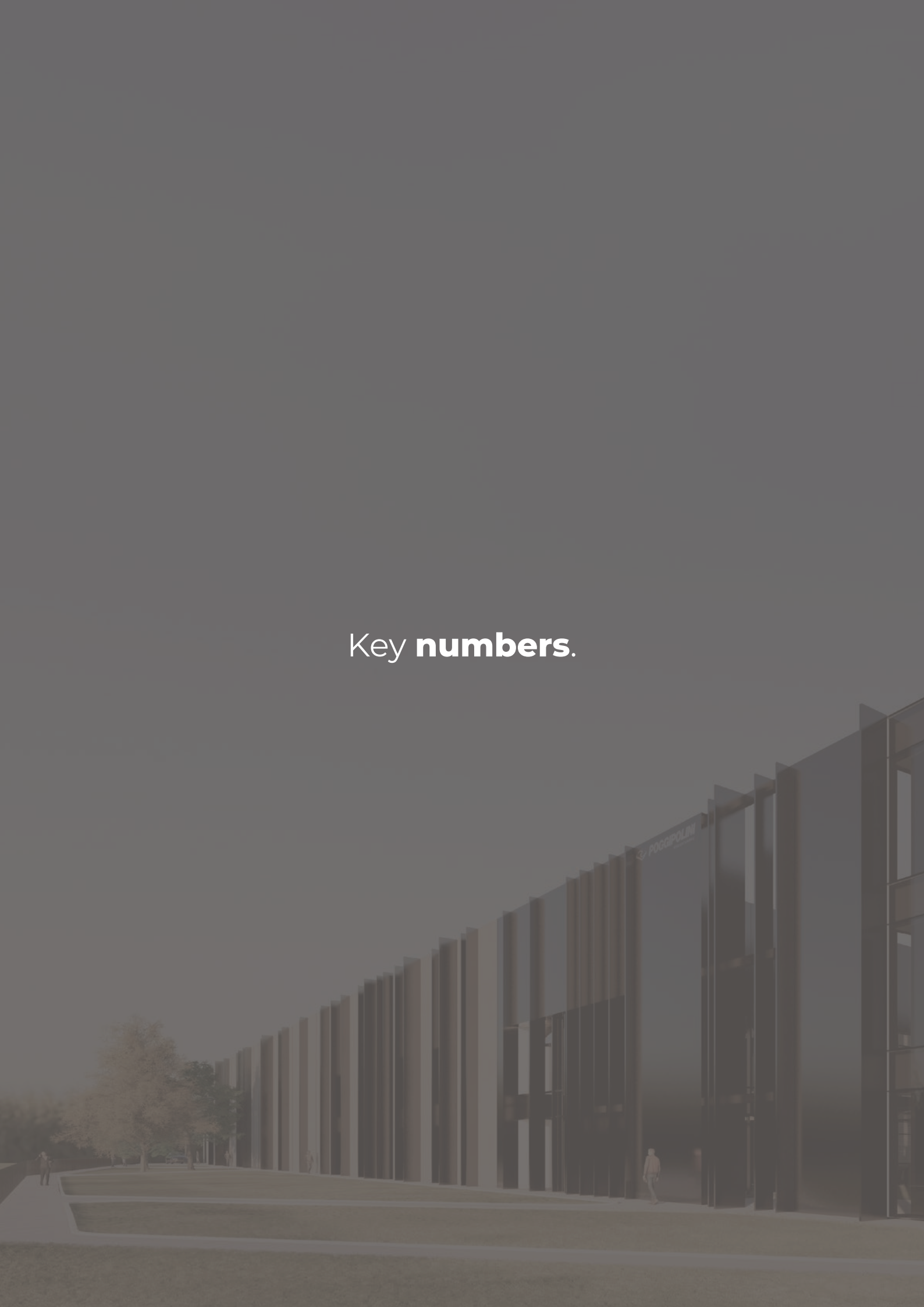


 # RANGE OF DIMENSIONS:
from 10mm to 1.000mm.

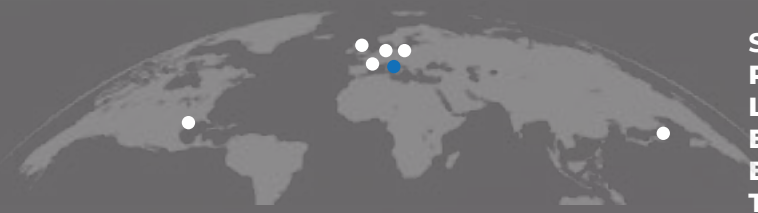


* Aerospace production.

Key **numbers**.



Poggipolini Worldwide



HEAD OFFICE:
San Lazzaro, Bologna, Italy

SALES OFFICE:
Paris, FRANCE
London, UK
Berlin, GERMANY
Bruxelles, BELGIUM
Tokyo, JAPAN
USA, by 2020

Main markets

60% AEROSPACE

20% AUTOMOTIVE

20% MOTORSPORTS

Productions

60% FASTENERS

40% MACHINED PARTS

Main customers

People

85

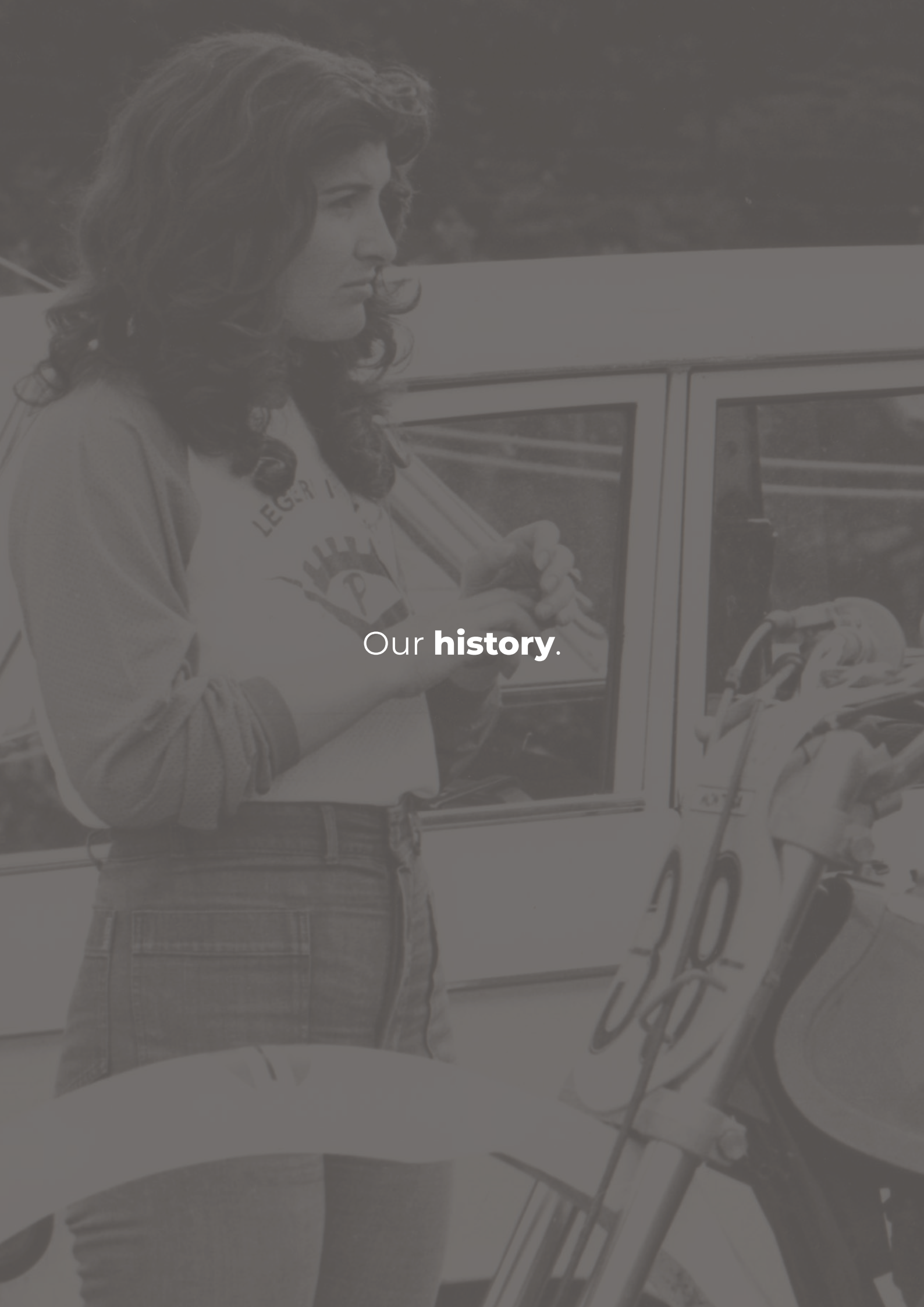
10 ENGINEERS | **50** DIRECT |
10 QUALITY & SPECIAL PROCESSES

Sales 2019

15.5M€

+35%
VS 2018

30%
TURNOVER INVESTED EVERY YEAR



Our **history**.

1950 Calisto Poggipolini founded the **Officina Meccanica Poggipolini**.

1971 Poggipolini produces the first special **bolts in titanium**.

1975-76 In the first edition of the Motor Show, Poggipolini introduces the first titanium bolts kit to reduce the weight of GP and Motocross motorcycles. A great success!

1984 Enters the F1 market becoming the official supplier of **Porsche** for the **McLaren** Tag Turbo F1 engine.

1988 Become official supplier of **Scuderia Ferrari** (F1) , a strong relationship that continues today.

1996 Enters the **Aerospace industry**, becoming official supplier of **Agusta helicopters**.

2000 Continues to invest in advanced technologies, opening a rapid prototyping (SLS) division, a hot forging division and a vacuum heat treating division: shorter lead time and higher quality.

2004-05 Acquires the famous NCR brand and establishes the **NCR Motorcycles** company. NCR is the showcase of the Poggipolini know-how, expertise , technology and passion. NCR motorcycles are recognized to be the most exclusive and advanced in the world.

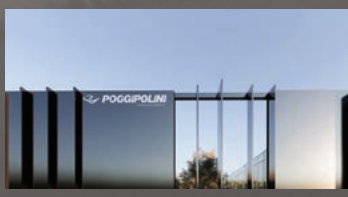
2009 Starts to provide to its customers products and special parts in carbon fibre, designed and developed in-house.

2011 Poggipolini S.r.l. opens a fully equipped **NDT Lab**.

2013 Become NADCAP accredited for Heat Treating and Non-Destructive Testing.

2014 Opens its first galvanic process for passivation and anodising.

2015 Poggipolini invest on the **Index R300** milling and turning center, the first in Italy.



2016 Poggipolini certified by SAFRAN.

2016 Poggipolini starts its **High Speed Manufacturing Fasteners Project**: breakthrough innovation.

2017 Poggipolini certified by SAFRAN.

2018 The first fast production line of special titanium screws is completed and installed. An innovation in the screws' sector.

2019 The company grows and the Poggipolini family invests in the project of a new production site. The company buys 20,000mq of land and from May 2019 realizes the first step that will allow it to continue growing and developing its business.

Poggipolini S.p.A.

Via Emilia Levante, 262
40068 S. Lazzaro di Savena (BO)
ITALY

T. (+39) 051 6256090
F. (+39) 051 6257084
M. contact@poggipolini.it

WWW.**POGGIPOLINI.IT**

OUR VISION IS TO BECOME YOUR ADDED VALUE, YOUR SOLUTIONS PROVIDER

We are driven by a continuous pursuit of excellence on every single aspect, from innovative manufacturing systems to the latest materials, coatings and treatments.

Our certifications shows our level of competence and quality.

Our passion shows our commitment to the best and beyond.

CERTIFICAZIONE DI SISTEMA QUALITÀ DNV·GL AS/EN/JISQ 9100

CERTIFICAZIONE DI SISTEMA QUALITÀ DNV·GL ISO 9001

Nadcap Administered by PRI ACCREDITED
Heat Treating, NonDestructive Testing, Chemical Processing