

RACE CARS AND SPORT CARS
PARTS AND COMPONENTS



Reliability and
Evolution

COMAT®

www.grupocomat.com





MECHANICAL RELIABILITY AND TECHNOLOGICAL EVOLUTION

We manufacture parts with our own designs or customer's designs.

All of them specifically developed for the most demanding conditions of use in racing and sports cars.

We have highly qualified personnel and equipment for precision machining: Machining centers up to 5 axes, wire cutting EDM, laser welding, CNC lathes and complementary equipment).

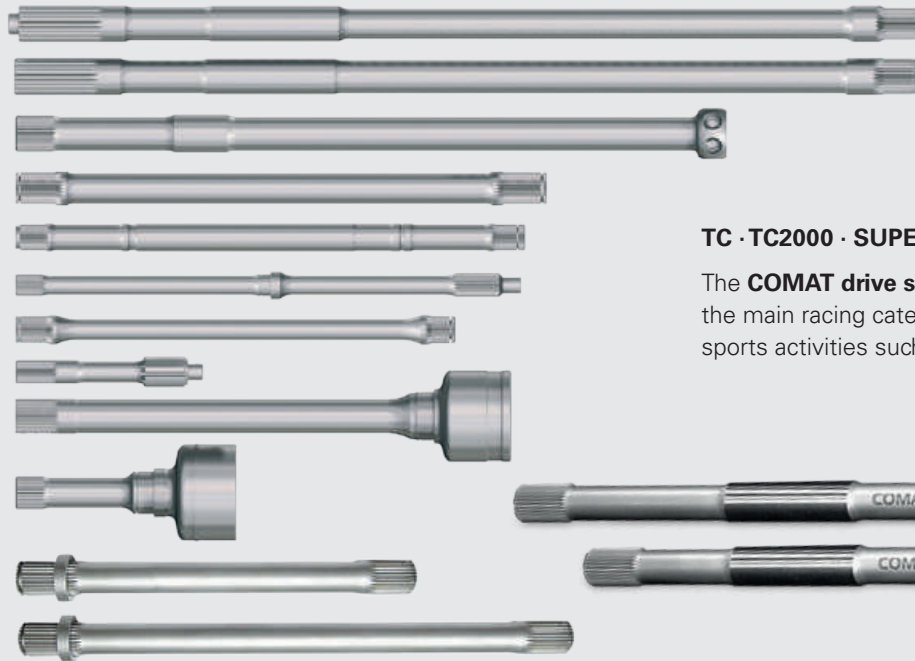
To ensure quality and traceability of our products, we operate under a strict management system that controls each stage of the production process.

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Drive Shafts

COMAT manufactures **drive shafts** for racing and sports cars, rear or front-wheel drive.

- Special drive shafts
- Standard drive shafts
- Clutch shafts
- Tripod joint housing



TC · TC2000 · SUPERTC2000 · TN · TOP RACE · RALLY

The **COMAT drive shafts** are used by important teams of the main racing categories of Argentina and also in different sports activities such as **Offroad, Cross Country**, etc.



Tripod Joint Housing



Transmission Adapter



Tripod Joint

For racing and sports cars.

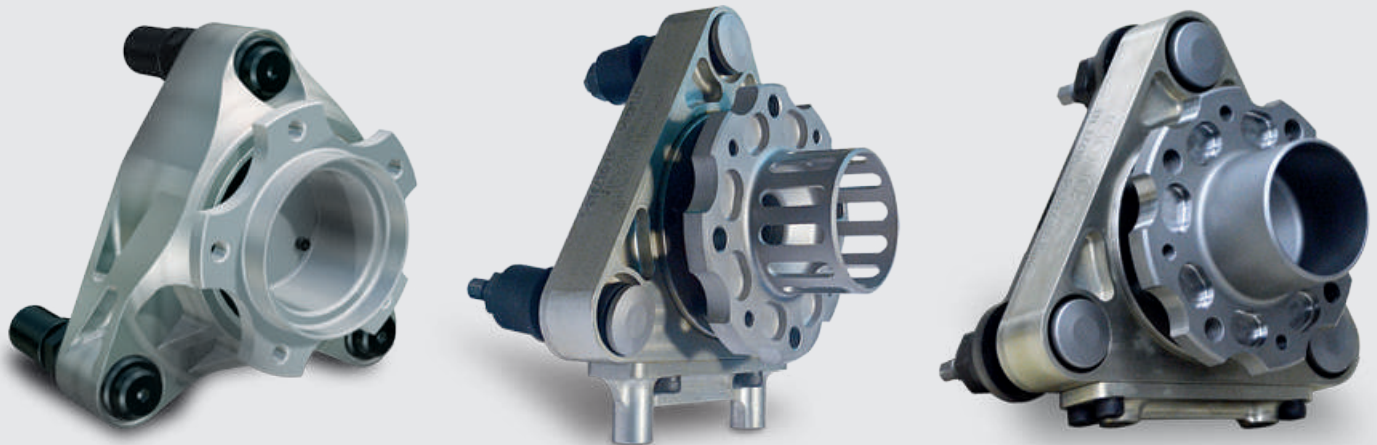


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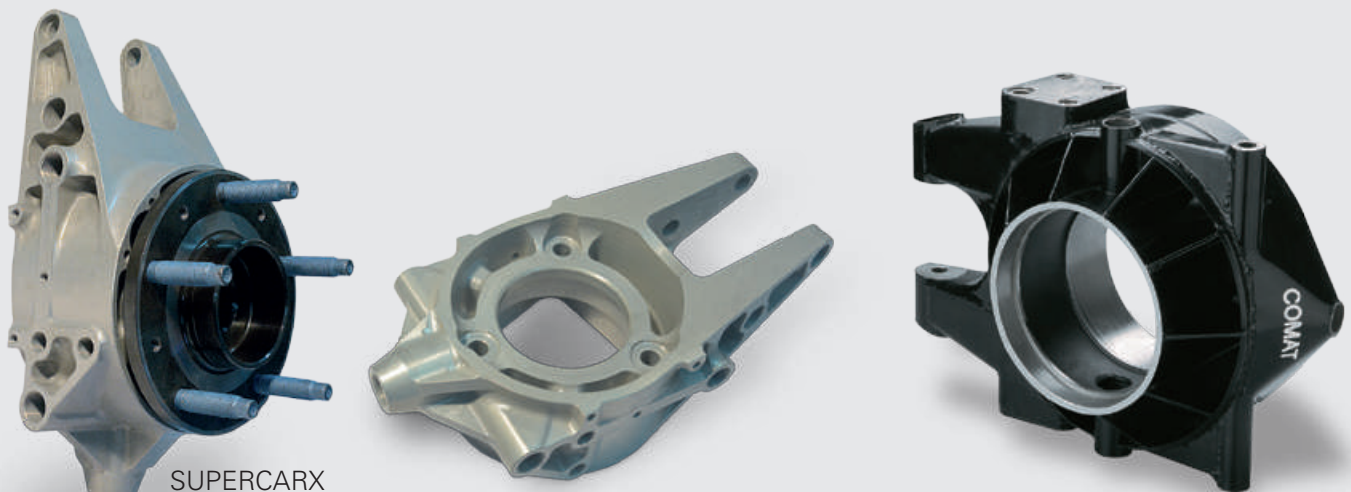
- Designed and verified by CAD - CAEF
- Full control in 3D measuring machine.
- High structural rigidity.
- Easy system of camber and divergence adjustment, fast and reliable
- Low coefficient of friction.
- Low maintenance.



REAR UPRIGHTS



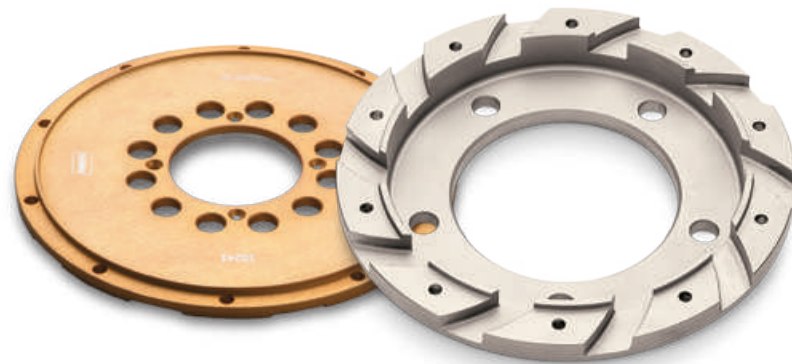
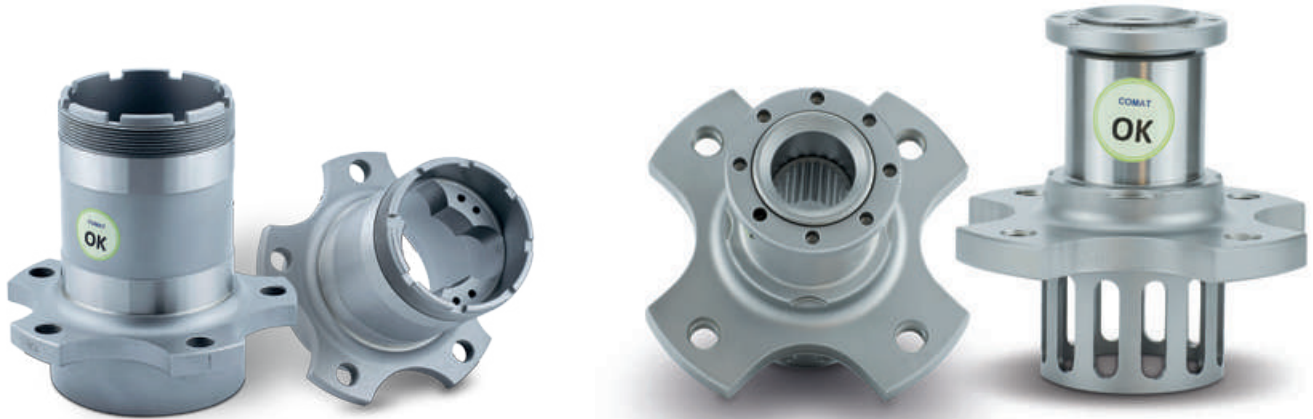
FRONT UPRIGHTS



SUPERCARX

Wheel Hubs

Front and rear wheel hubs for different vehicles.



Brake Hats

Brake hats for different race cars categories and other vehicles.
Made of anodized AA 7075 aluminum.

Steering Racks

- Step-by-step adjustment of the pinion by eccentric bushing.
- Body built in aluminum AA7075 T6.
- Standard Distance between supports:
475 mm (*18,700 ")
- ** It is possible to build it according to the client's specification*
- Removable central body.
- Used in cars with steering wheel on the right side, left side or center

Model CD22

- Rack diameter 22 mm. Helical tooth.
- Steering ratio: 44 mm / Revolution · 1.75" / Revolution (Approximately).

Modelo CD28

- Rack diameter 28 mm. Helical tooth
- Steering ratio: 50 mm / Revolution · 2 " / Revolution (Approximately).



Approved by the main race cars categories of Argentina.

We manufacture different kinds of special parts that make up a racing or sports cars.
Some examples of these are the following images.

Adaptor Plates



Shock Absorber Pivot



Shock Absorber Supports



Suspension and Control Arms



Oil Pump Rotors



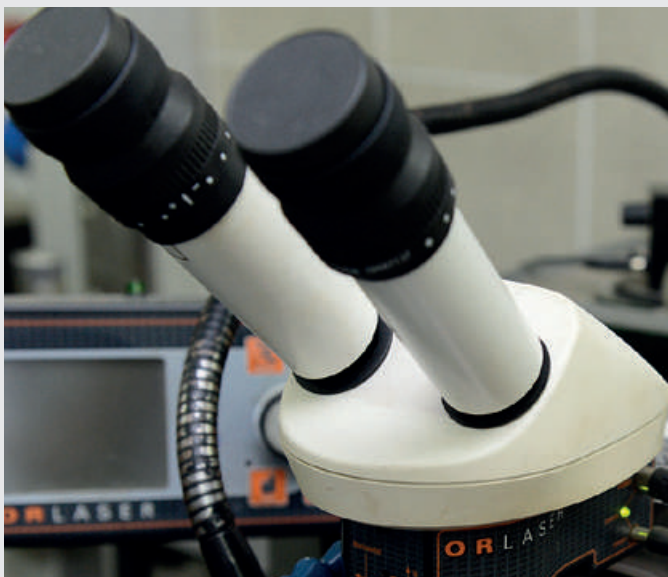
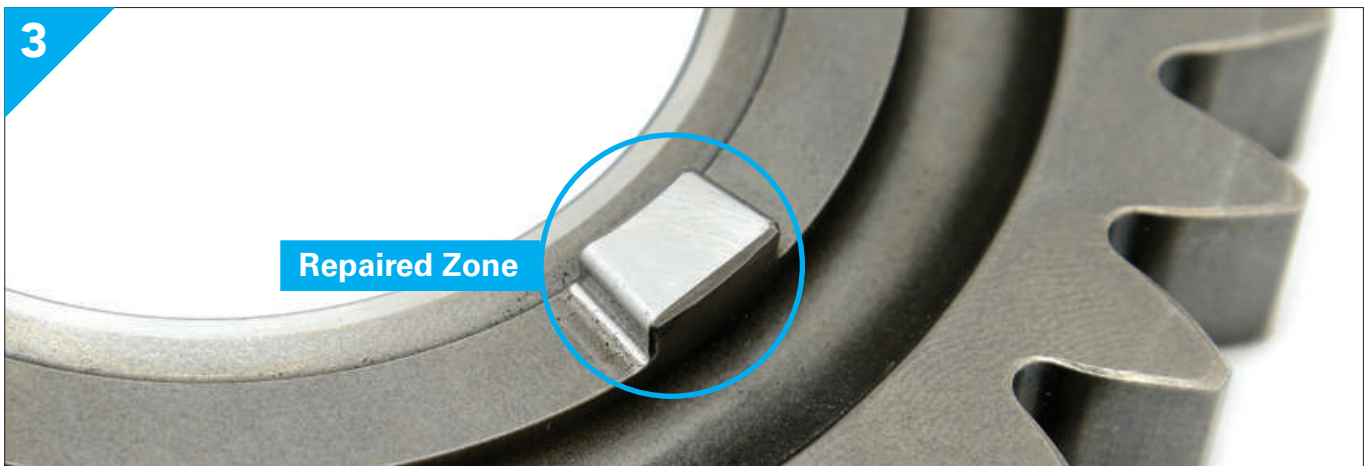
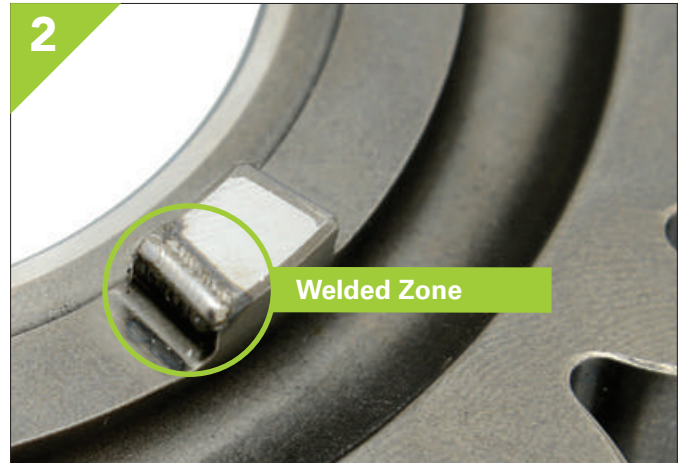
Admission Intake Trumpets



Repair of **Clutch Rings** and **Gears**



- Weld deposit by Laser System
- Steel and hardness remains similars to the originals gears or clutch rings.
- Welding process whitout residual stresses.



Race Cars and Sport Cars División of COMAT GROUP,
is dedicated to the manufacture of parts and components
specially designed and developed for one of the most
demanding sports in which **mechanical reliability and**
constant technological evolution are basic requirements
for obtaining satisfactory results.

COMAT[®]

Racing and Sports Cars Parts and Components

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