

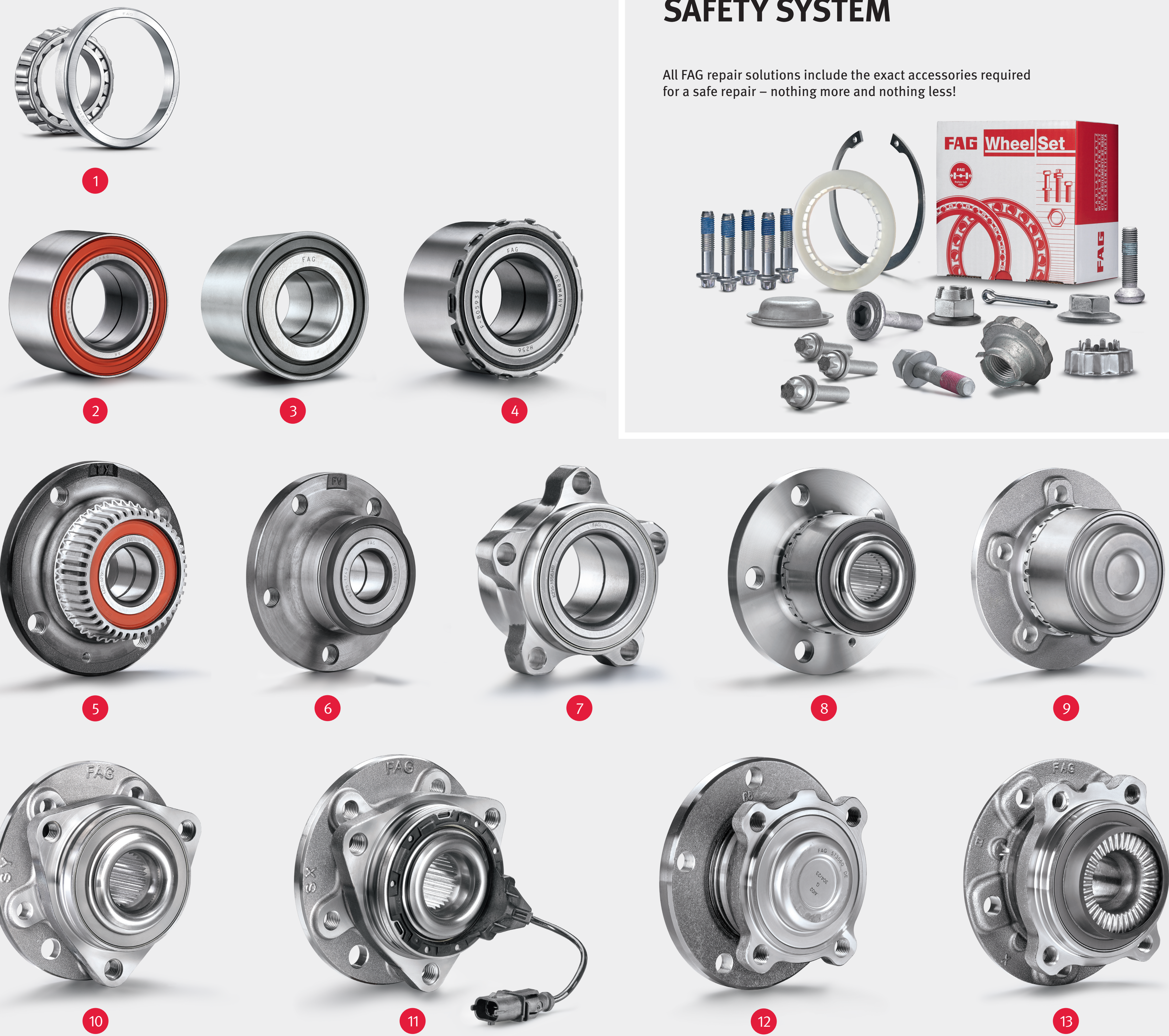
THE ORIGINAL.

Since 1883, FAG has been impressing customers with its precision bearings and its unique inventive spirit that continues to set standards in the development of wheel bearings. Each wheel bearing set benefits from extensive FAG expertise, is designed to function as a safety system thanks to its high-quality accessories and makes FAG the ideal partner for garage professionals.

FAG

VARIETY

- Generation 1
- Generation 2
- Generation 3
- 1 **Standard tapered roller bearing**
Dismountable tapered roller bearing
- 2 **Generation 1**
Double-row angular ball bearing with/
without multipole encoder
- 3 **Generation 1T**
Double-row angular tapered roller bearing
with/without multipole encoder
- 4 **Generation 1**
Double-row angular ball bearing with snap
ring, with/without multipole encoder
- 5 **Generation 2**
Double-row, sealed angular ball bearing
with conventional encoder
- 6 **Generation 2**
Double-row, sealed angular ball bearing
with multipole encoder
- 7 **Generation 2D**
Double-row, sealed tapered roller bearing
- 8 **Generation 2.1**
Double-row, sealed angular ball bearing
with orbitally formed shoulder, multipole
encoder and snap ring
- 9 **Generation 2.1**
Double-row, sealed angular ball bearing
with orbitally formed shoulder, multipole
encoder and snap ring
- 10 **Generation 3**
Double-row, sealed angular ball bearing
with orbitally formed shoulder
- 11 **Generation 3**
Double-row, sealed angular ball bearing
with orbitally formed shoulder,
multipole encoder and sensor
- 12 **Generation 3.2**
Double-row, sealed angular ball bearing
with orbitally formed shoulder,
multipole encoder
- 13 **Generation 3.2**
Double-row, sealed angular ball bearing
with orbitally formed shoulder,
multipole encoder, face spline and LFT



SAFETY SYSTEM

All FAG repair solutions include the exact accessories required for a safe repair – nothing more and nothing less!

INNOVATIONS

SNAP RING

The wheel bearing can be fastened securely into the axle support using this innovative snap ring.

ORBITALLY FORMED SHOULDER

The required bearing play is reliably calibrated during production thanks to the orbitally formed shoulder, thus significantly reducing the potential for assembly errors.

Today, the orbitally formed shoulder represents the global standard.

LOW FRICTIONAL TORQUE (LFT)

By eliminating the seal lip, friction has been reduced by 50 %. The modified design of the labyrinth seal reliably prevents the ingress of dirt and moisture.

FACE SPLINE

The patented face spline was developed to meet the increasingly expectation for automotive manufacturers to reduce CO₂. Thanks to the combination of axial gearing and the modified drive shaft

- the transmissible torque is increased by 50 %
- 10 % of the weight is saved
- the driving dynamics of the vehicle are enhanced
- the assembly process is simplified

Today, the wheel bearing with face spline is the world's most state of the art variant to be used in mass production.