

C O L D F O R G I N G

CATEGORY : cold forging



Headquarter : 

Plants :    

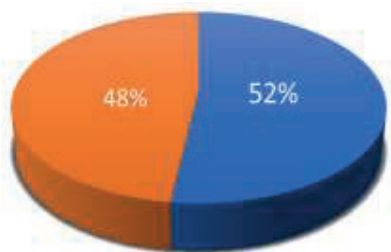
I. HISTORY

Company was founded as a family-owned company in 1971.
Since 2015, group belongs to the Korean group.

II. MAIN BUSINESS SEGMENTS & CUSTOMERS

Group

■ Automotive ■ Electronics

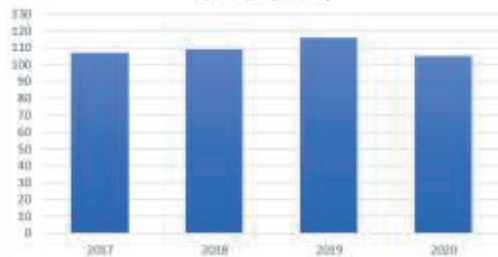


940 employees



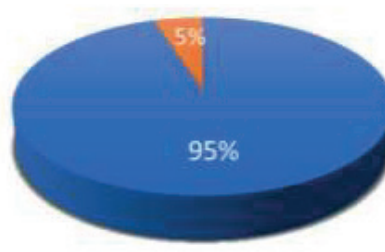
€ 105M

Turnover M€



Spain plant

■ Automotive ■ Electronics

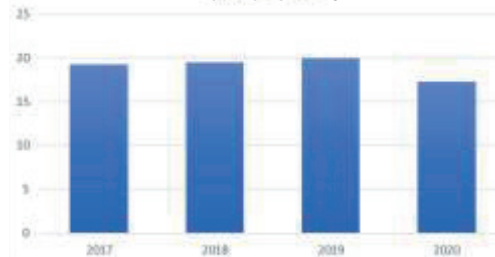


148 employees



€ 20M

Turnover M€



Main customers :



III. CAPACITIES

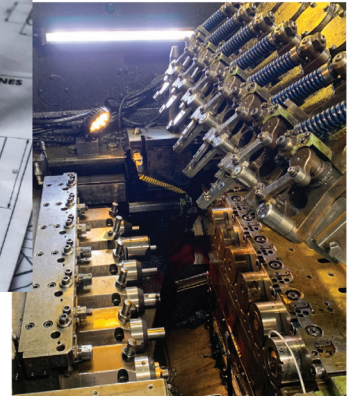
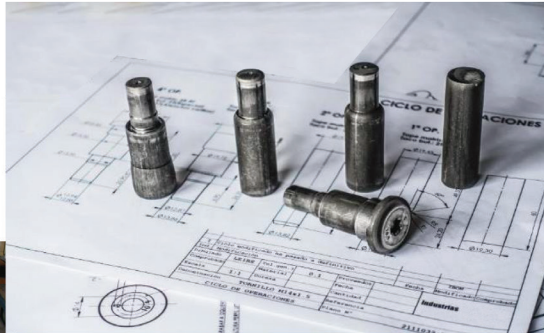
Raw material:

metal wire in steel, copper, aluminium.



Cold Forging:

- Up to 6 stations, +6.000 parts/hour, ø30 mm wire, 150 mm length below head.



+ Complementary processes

IV. PROCESS

Raw material	Cold Forming	Cleaning	Threading	Machining
Drawn wire from: • Steel. • Copper • Aluminium • Stainless Steel	• Up to 6 stations machines. • Prototyping (outsourced)	• Washing • Passivated • Drying	• External and internal threading • Screw pointing • Slotting • Knurling	• Fine Turning-Reprise • Grinding Centerless • Grinding Centerless plonge • Flat grinding • Honing All those operations are outsourced to approved suppliers.



Heat Treatment	Surface Treatment	Secondary operation	Assembly	100% unitary control/packaging
• Annealing • Quenching & tempering • Inductive hardening • Case hardening • Carbonitriding All those operations are outsourced to approved suppliers.	• Zinc plating • Zinc Nickel plating • Zinc Flake Lamellar • Special coatings : teflon, browning, galvanic, tinned, others . All those operations are outsourced to approved suppliers.	• Vibrating • Shotblasting • Patch • Polyamide application All those operations are outsourced to approved suppliers.	• Bending • Riveting • Mechanical pressing • Manual-automatic assembly All those operations are outsourced to approved suppliers.	• 100% camera control ◦ Cracks ◦ Eddy current ◦ Dimensional ◦ 360° thread control • 100% visual control • Technical Cleanliness • Odette system (EDI) • KLT boxes

V. ORGANIZATION

Korean group – 13 production sites –

- 5 factories in China
- 1 factory in Philippine
- 2 factories in Spain
- 2 factories in Korea
- 1 factory in Malaysia
- 1 factory in Romania
- 1 factory in Vietnam
- 1 warehouse in Mexico
- 1 warehouse in Hungary

VI. SPECIFICITY & PARTICULARITY

Licenses:

EJOT



MATHread



acument
GLOBAL TECHNOLOGIES



TORX



TORX-PLUS

OSG
OSG SYSTEM PRODUCTS



EJOT (Germany)

PT ®
Delta PT ®
DG PT ®
Duro PT ®
Altracs ®
Altracs Plus ®
FDS ®

Reminc (Switzerland)

Taptite ®
Taptite 2000 ®
Plastite ®
Fastite 2000 ®
Powerlock ®
Remform ®

MATHread(USA)

MATHread®
MATpoint®
M.A.T.®

Acument (USA)

Torx Plus ®
Torx ®
Strux ®

OSG (Japan)

Microstix Fastener ®

VII. CERTIFICATION

- IATF 16949:2016
- ISO 9001:2015
- ISO 14001:2015

100%

Sorting Camera Control

- Eddy current
- Cracks
- Dimensional
- No shocks 360° thread

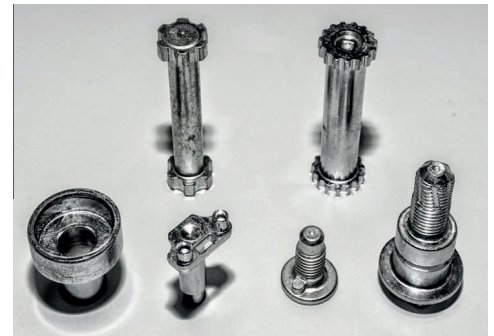
VIII. PRODUCTS



Shock absorber components



Rubber to Metal Bonding Components



Safety components