

YOUR RUBBER TO METAL PARTS SOLUTIONS PARTNER



International Organization for Standardization

BELGELENDİRME



www.ucelrubber.com



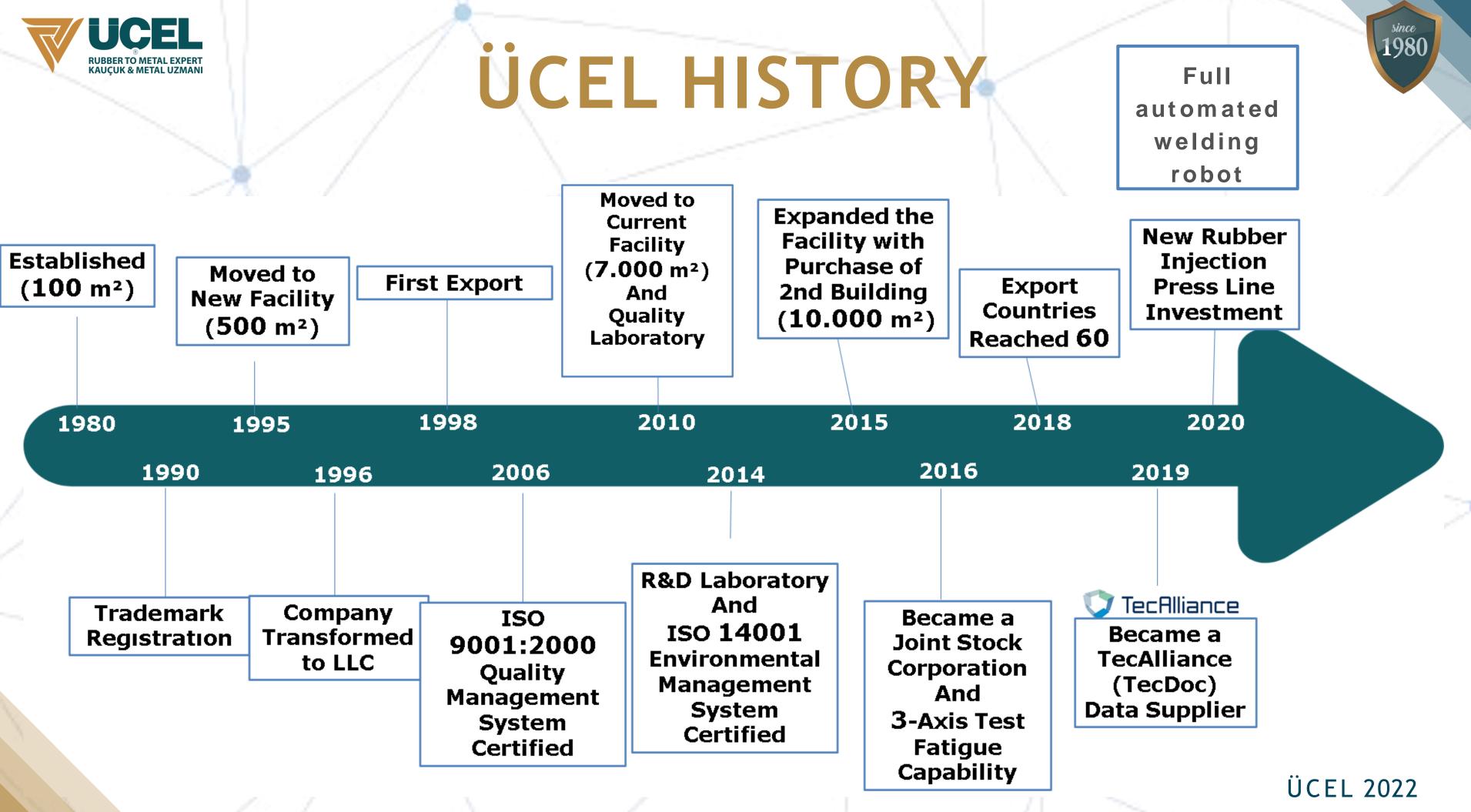


OUR STORY

Established in 1980 in the heart of Turkish automotive sector, Bursa. Managed to be known as equivalent to OE parts in the domestic market for years with its quality orientated philosophy and dedicated staff, Following closely OEM activities with inhouse R&D department and developing testing facilities.









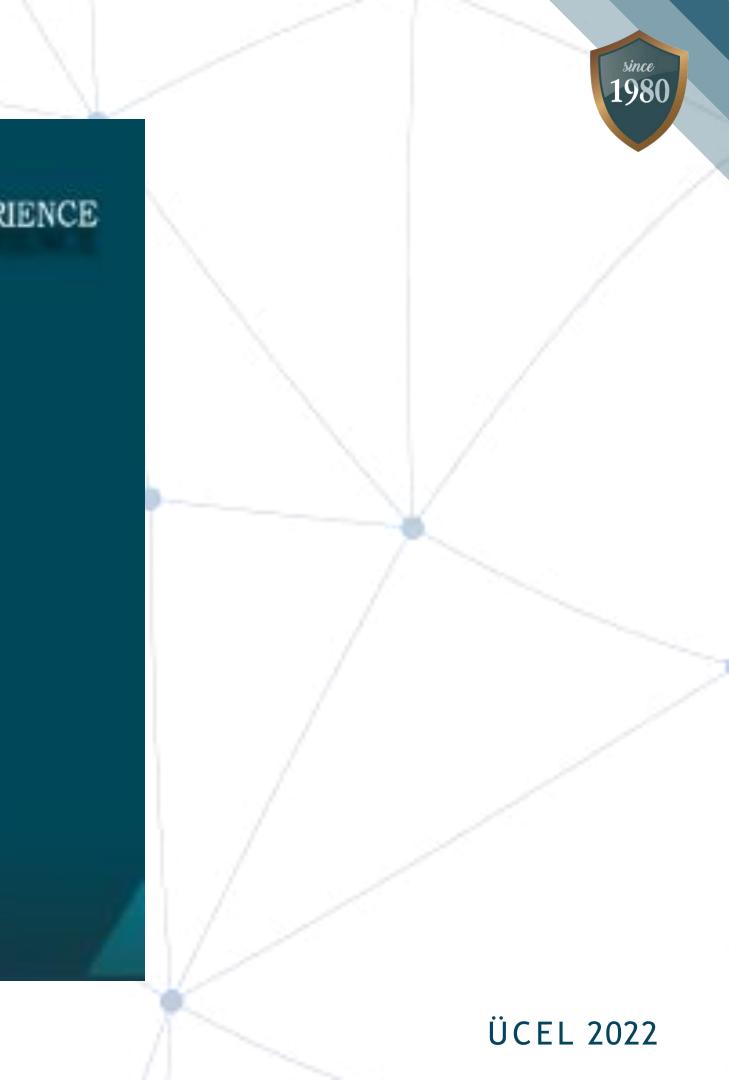
Mastering manufacturing on the second se

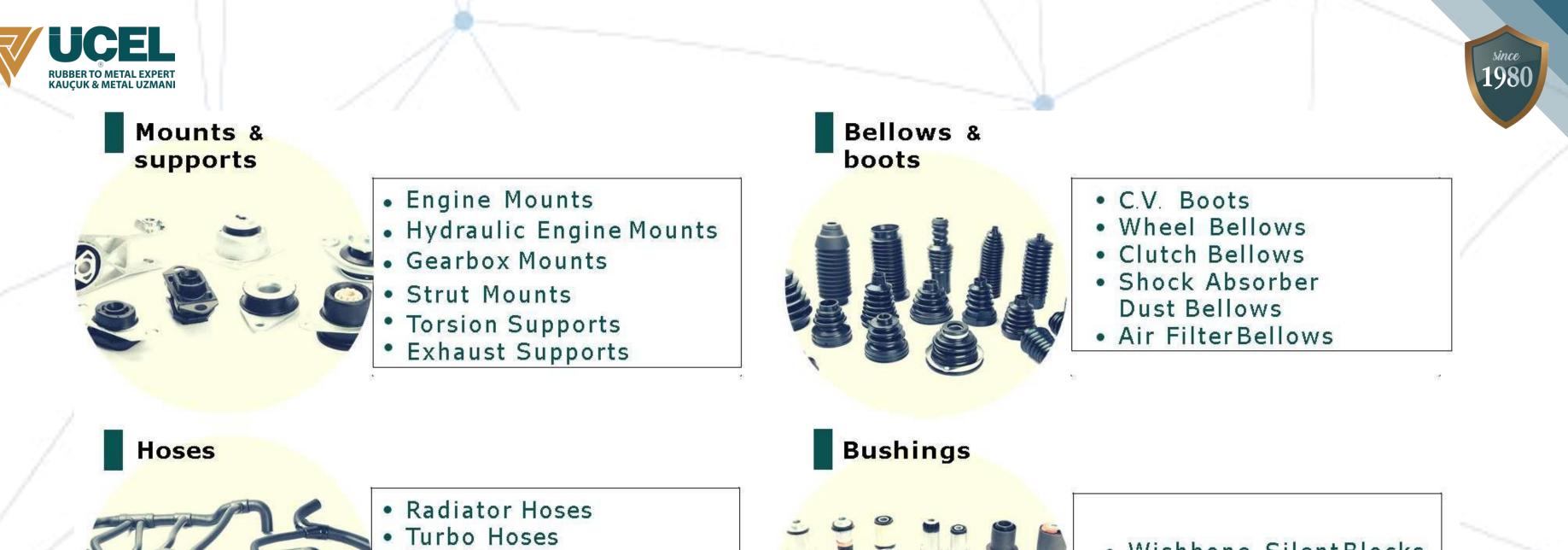
we offer a complete and robust program based on these three pillars.





42 YILLIK ÜRETİM TECRÜBESİ YEARS OF PRODUCER EXPERIENCE 200 ÇALIŞAN **EMPLOYEES** 10.000m² KAPALI ALAN INDOOR AREA 4 KITA CONTINENTS 60 ÜLKE COUNTRIES 4.000+ ÜRÜN REFERANSI PRODUCT REFERENCES BINEK VE HAFIF TICARI MODELE 20.000+ UYGUNLUK PASSANGER CARS & LCV MODEL APPLICATIONS









- Fuel Hoses
- Respiration Hoses
- Heater Inlet Hoses
- Oil Hoses
- Air FilterHoses



- 4.000+ product references
- 20.000+ passenger cars & LCV model applications
- 250 new references every year

- Wishbone SilentBlocks Torsion Silent Blocks
- Engine Cradle Bushings
- Spring Bushings



Crankshaft pulleys

Other solutions



- 4.000+ product references
- 20.000+ passenger cars & LCV model applications
- 250 new references every year



Expansion Tanks

- Rubber Pedals
- Stabilizer bar rubbers



PRODUCTION CAPACITY

Current investments:

- 28 Vulcanization Presses
- 2 Aluminum Injection Presses 3
- Plastic Injection Presses
- 7 Eccentric Presses 3
- Hydraulic Presses
- Compound Finalizing Line
- Surface preparation Line
- CNC Profile Length Cutting Line
- Parts assembly Line (8 hydraulic presses)
- Pulley (Pully) Production Line (4 CNC Lathes)
- Tooling Workshop
- Fully Automated Welding Robot



Planned investments :

- Spectrometer
- Automated Parts Assembly Line
- 3D Printer

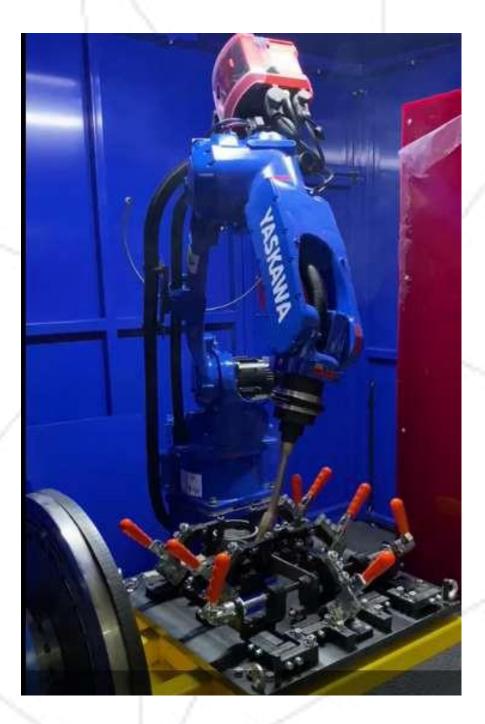


PRODUCTION CAPACITY

TOTAL AREA : 10.000 M2 CLOSE AREA : 8.355 M2

Fully automated welding process





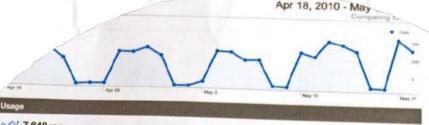


RESEARCH & DEVELOPMENT

Extensive Market Knowledge

- Market research and analysis
- Deep knowledge and coverage of

the local and international car park



1111 7,649 Visit

MNN 25,423 Pageviews

3.32 Pages/Visit







Content Overview		
Pages	Pageviews	% Pageviews
1	5,932	23.33%
/information-resources	1,306	5.14%
/decisions	867	3.41%
/information-privacy	697	2.74%
/information-privacy-guidelines	092	2.72%



since 1980

Google Analytics



RESEARCH & DEVELOPMENT

High Tech Tools

- From Reverse engineering to the CNC machining and the analysis and simulation,
- Software and hardware 3D scanning technology

Automated ATOS 3D metrology. In the standardized measuring machine ATOS ScanBox, ATOS Triple Scan is used for fully automated measuring and inspection of parts.



1980



RESEARCH & DEVELOPMENT

High Tech Tools

- Computer aided design (CAD)
- Computer aided manufacturing (CAM):
 - Electro discharge machinging (EDM) -

CNC machining

CATIA,VISI world wide used software for design & modelling

ANSYS, powerful tool for simulation & analysis



QUALITY MANAGEMENT



TQS

T.K.S. Uluslararası Belgelendirme Gözetim ve Teknik Kontrol Tic. Ltd.Şti. according to the audit process hereby certifies that

ÜÇEL KAUÇUK TAŞIT ARAÇLARI OTOMOTİV YEDEK PARÇA SAN. VE TİC. A. Ş.



Çalı Mah. 37. (410) Sok. B Blok No: 16 / B Nilüfer / BURSA / TURKEY

has established and applies a management system for

Production of rubber and rubber-metal spare parts consisting aluminum parts by injection method, rubber, metal and bushes for automotive industry

on the requirements of

ISO 9001:2015

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CERTIFICATE

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ISO 14001:2015

document depends on the annual surveilland



QUALITY CONTROL

Tensile strength

Measuring how much bending and shaping our raw materials can withstand before braking or being deformed

Rheometric tests

Measuring the response of the rubber to applied forces before, during and after the curing of the rubber

Fatigue tests

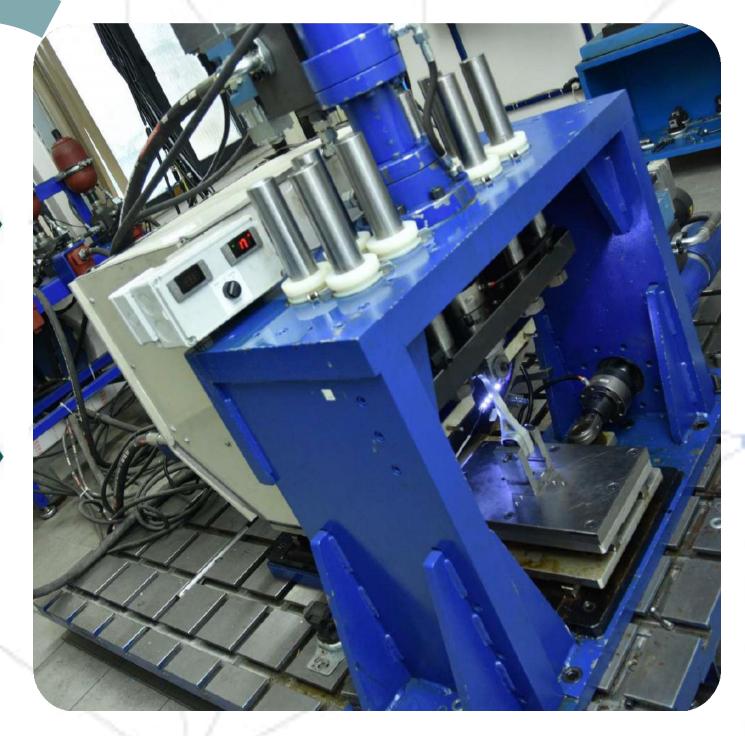
Putting the car part through a round of cycles that simulate the road application of the part to specify the capacity of the part and the load it can withstand through a certain number of cycles

Load & force test

Blast load test of rubber parts (bushings)









QUALITY CONTROL

Coating & thickness test

Ensuring the quality of the coating systems chosen to protect out metal parts







Crankshaft pulley fatigue test

Crankshaft pulleys have a basic role in the performance of different systems of the car. We put our crankshaft pulleys through a the fatigue test applying measured force and a specified number of cycles to assess the performance of the crankshaft pulley



QUALITY CONTROL

Elongation

Elasticity and hardness measurement of rubber and metal material

Density measurment

One of our many tests to assure the quality of raw material





Thermal sagging

Applying force on rubber under a certain degree to measure the deformation of the material after a specified amount of time

Hardness test

The hardness of metal products and material is measured by applying permanent force on the part or the material to assure the necessary quality level for the market



OUTSTANDING BUSINESS SUPPORT

- What we have already:
- Iow MOQ -Lead times in line with customers' needs -Catalogs, Xrefs and support material





• What comes next : - Technical training - Communication tools - Installer focused tools



OUTSTANDING BUSINESS SUPPORT

• TEC ALLIANCE CERTIFIED DATA PROVIDER

ALDOC DATA PROVIDER



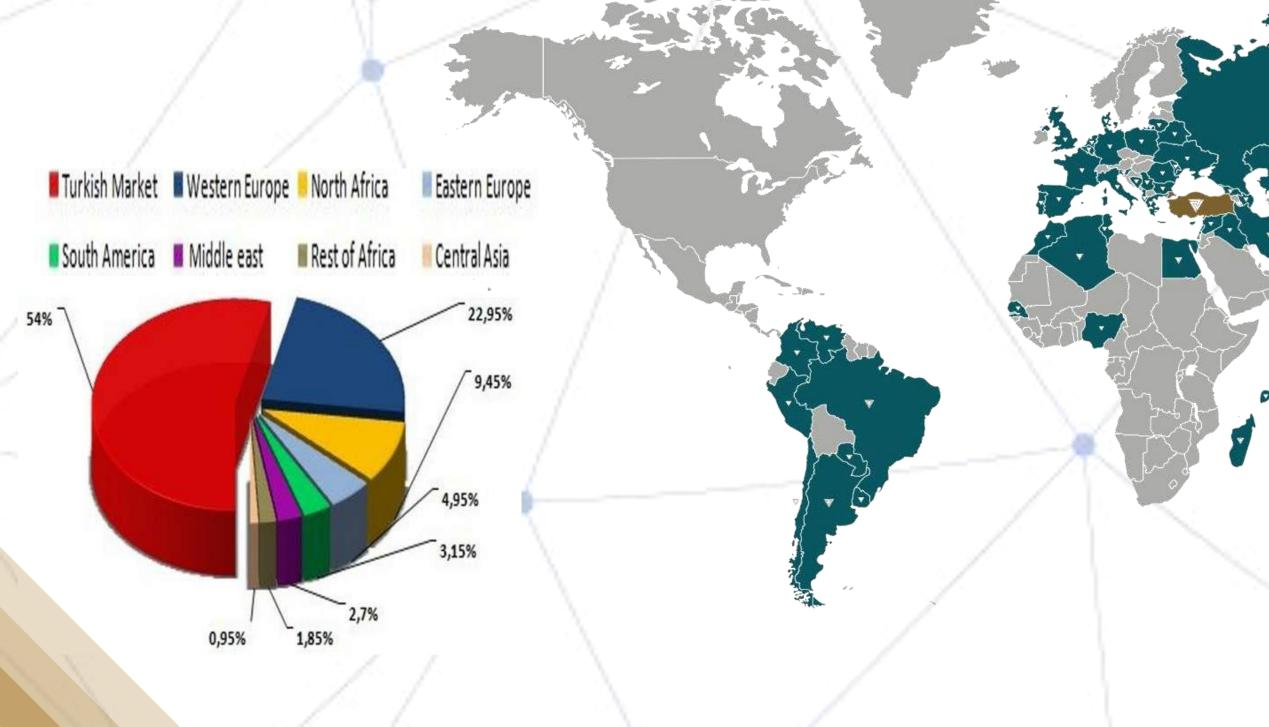








MARKETING & SALES





MARKETING & SALES Sectoral performance awards



2016

2019



2021



MARKETING & SALES

automechanika

FRANKFURT **ISTANBUL BUENOS AIRES**

EQUIP AUTO

PARIS **ALGERIA**



SAO PAULO / BRASIL

UCE

RUBBER TO METAL EXPERT





HUMANS OF ÜCEL

We invest in team building because we believe people are the most valuable resource we have.









Thank you Danke Merci Gracias Grazie Gratias Obrigado Ευχαριστώ Спасибо הדות مركشتم شکرا

Teşekkür Ederiz







Çalı Sanayi Bölgesi 37 Sk. No16/B 16159

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