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**HIGH  
CAPACITY**



**ADVANCED  
PRODUCT  
QUALITY**



**SUSTAINABILITY  
PRINCIPLE**



**GLOBAL SUPPLIER OF COLD FORMED FASTENERS**

**CONFORMITY OF  
GLOBAL  
STANDARDS**

**NEW PRODUCT  
LAUNCHING  
PROCESS**

**EFFICIENT  
SUPPLY  
MANAGEMENT**

**WE ARE THE MOST FUNDAMENTAL**  
FASTENER PRODUCER IN TÜRKİYE WITH  
THE **WIDEST PRODUCT RANGE**

**110**  
YEARS

SECTORAL  
EXPERIENCE

**50**  
YEARS

CORPORATE  
HISTORY





**Bolts**

Ø M3 - M27  
L 6mm - 300mm



**Screws**

Ø 3 - 10  
L 6mm - 200mm



**Cold Formed  
Drawing Parts**

Ø 3 - 27  
L 6mm - 300mm



**Machined Special  
Parts**

Ø 6 - 200  
L 4mm - 350mm

Istanbul - Türkiye

Establishment

1976

Mountly Production  
Capacity

5000 TON

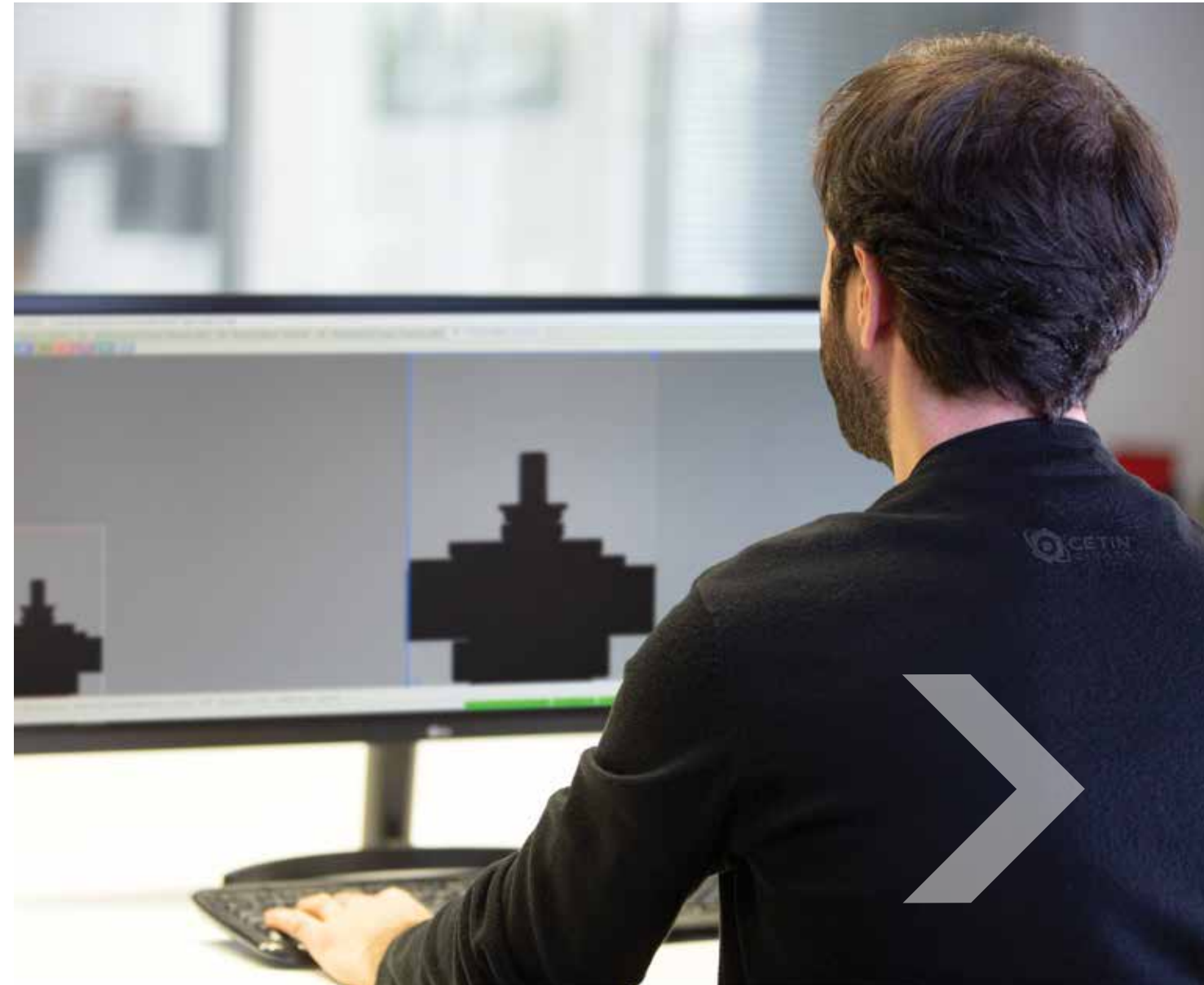
Total Area 50.000m<sup>2</sup>

Closed Area 25.000m<sup>2</sup>

Employees 350



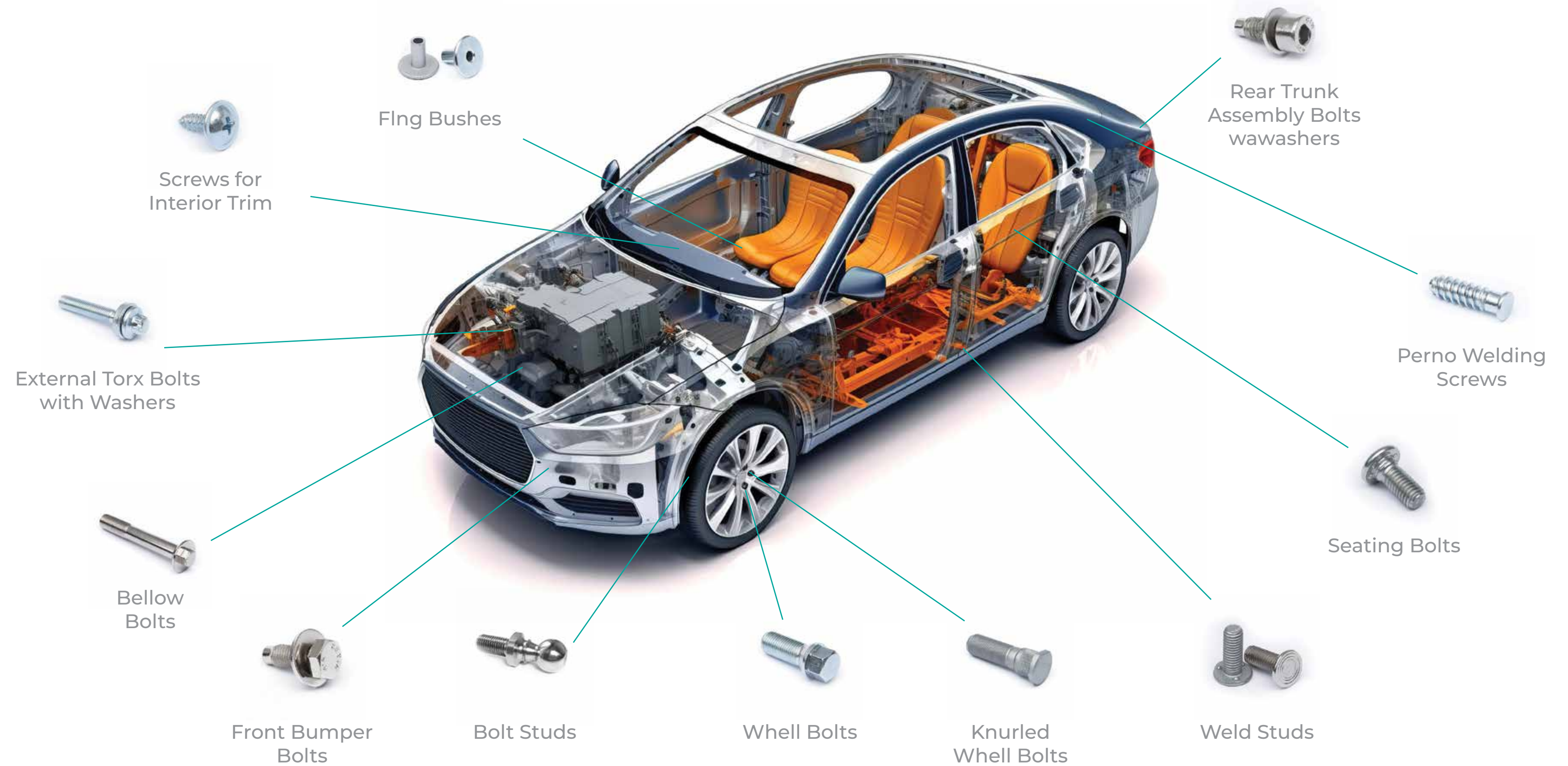
- ▶ C-PARTS PRODUCTION AND SUPPLY



- ▶ NEW PRODUCT DEVELOPMENT & LAUNCHING



- ▶ SUPPLY MANAGEMENT TO CONSUMER SEGMENT CLIENTS



**NEW PRODUCT DEVELOPMENT** / APQP ► PPAP NEW PRODUCT LAUNCHING  
NEW PRODUCT LAUNCH PROCESSES ARE IMPLEMENTED BY SPECIALISED ENGINEERING TEAMS IN  
THE TECHNICAL OFFICE AND WITH THE SUPPORT OF **100% IN-HOUSE TOOLING PRODUCTION AND  
MAINTENANCE DEPARTMENT INSIDE OUR FACTORY**



**IATF 16949  
VDA 6.3**

WE CARRIE OUT DESIGN INNOVATION AND FUNCTIONALITY IMPROVEMENT PROJECTS FOR ABOUT **20 NEW FASTENER PARTS** IN **WHITE GOODS AND HOME APPLIANCES** SECTOR EVERY YEAR

WE IMPLEMENT JOINTLY **R&D PROJECTS** IN FIELDS OF **CORROSION RESISTANCE AND SURFACE COATING FOR FASTENER** NEEDS OF OUR WHITE GOODS PRODUCER CLIENTS

WE SERVE AS PER **FORECASTED NEEDS** OF OUR WHITE GOODS CLIENTS BY DAILY AND WEEKLY AND ON TIME DELIVERIES AND BY HOLDING **SAFETY AND BUFFER STOCKS**



Washing Machine  
Hexagonal Foot  
Bolt



Washing Machine  
Round Head  
Foot Bolt



Washing Machine  
Pulley Bolts



Countersunk  
Head Torx  
Pt Bolts



White Goods  
Transportation  
Safety bolts



Body Plate  
Assembly  
Screws



C.sunk Head  
Cross-Recess  
Screws



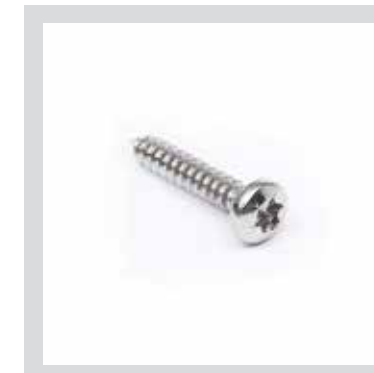
C.sunk Head  
Screws W.  
Trilobular Thread



Washing Machine  
Plastic Drum Bolt



Washing Machine  
Drum Concrete  
Screw



Self Tapping  
Screws



Refrigerator  
Foot Bolt



WE ARE **BOLT AND SCREW SUPPLIER OF THE BIGGEST WHITE GOODS AND HOME APPLIANCE PRODUCERS** IN TÜRKİYE

B/S/H/

**VESTEL**

**arçelik**

**beko**

WE PRODUCE **CERTIFIED PRODUCTS** WHICH ARE TESTED **IN OUR TEST LABORATORIES** IN ACCORDANCE WITH THE SPECIFICATIONS REQUIRED BY OUR CLIENTS, BY THE SUPPORT OF OUR NEW PRODUCT DEVELOPMENT TEAM UNDER THE MANAGEMENT OF **OUR RE&DE DEPARTMENT**

- ▶ BUILDINGS AND STEEL CONSTRUCTIONS
- ▶ ENERGY TRANSMISSION LINES PROJECTS
- ▶ HIGHWAY BARRIERS AND GUARD RAILS
- ▶ SOLAR ENERGY PANELS / FIELDS
- ▶ FURNITURE AND GARDEN EQUIPMENTS
- ▶ LAND MACHINES / AGRICULTURE MACHINES



Barrier Bolts


Exterior Hanger  
Pins


Coach Screws



T Head Bolts



Space Roof Bolts



Lag screws



**TESTED, CERTIFIED** AND **RELIABLE** PRODUCTS

**LOWER** CARBON EMISSION MORE CAREFUL AND  
**MORE RIGOROUS PRODUCTION**  
FOR A CLEAN FUTURE



CBAM

**CARBON BORDER  
ADJUSTMENT  
MECHANISM**



**WE FULFILL OUR  
RESPONSIBILITY TO  
DECREASE OUR  
CARBON FOOTPRINT**

**WE WORK FOR TODAY  
AND TOMORROW**

**MEASUREMENT AND  
REPORTING EVERY  
3 MONTHS, ONCE IN  
EACH QUARTER**



OUR CBAM REPORT CAN BE  
REACHED THROUGH THIS BARCODE



**DIN 933 / ISO 4017**  
Hex head full thread  
metric bolts



**DIN 6914**  
Hex head structural bolts



**DIN 6921 / ISO EN 1665**  
Hex head bolts with flange



**DIN 7981**  
Cross recessed pan  
head tapping screws



**DIN 7982**  
Cross recessed C.sunk  
head tapping screws



**DIN 7505**  
C.sunk cross recessed  
chipboard screws



**ISO 7380 / ISO 7380-2**  
Inbus and socket button  
head screws



**DIN 603**  
Round head square neck bolts



**DIN 912 / ISO 4762**  
Socket head hex cap bolts



**ISO 7500**  
Trilobular screws



**DIN 7504**  
Self tapping screws



**DIN 571**  
Hex head wood screws



**DIN 6912**  
Thin cylindrical head bolts



**DIN 7984**  
Thin head cylindrical internal  
hex socket bolts



**ISO 10642**  
C.sunk internal hex socket  
head bolts



High-Low Tapping screws with  
hex flange head



Plastic tapping screws



Concrete screws

All the standard parts and their categories shown above on this slide are just a small part of our standard product range or deviation.



Wheel Bolts



Hollow bushing part



C Hexagon head bolts  
with double washers



Plastic thread flange head bolts



Flat cylinder head stepped bolts



Staged rivets



Cylindrical socket head bolts  
with washers



External six lobes bolts  
with washer



Perno welding pins



Connection bolts for  
washing machine pulley



Carriage bolts for barrires



Roof construction bolts



Bellow bolts



Pins and rivets



Cylindrical head with holes for  
adjustible foots



Ball stud



Dounble end collar stud



Double end stud



**DIN 934**  
Hexagonal metric nuts



**DIN 6923**  
Hexagonal nuts with flange



**DIN 936 / DIN 439**  
Hexagonal thin nut



**ASME.B.18.2.2**  
UNC/UNF Nuts



**ISO7042**  
Prevailing torque nuts



**DIN936**  
Hexagonal thin nut



**DIN 980 / ISO 7042**  
Prevailing torque type all-metal



**DIN 6927**  
Prevailing torque with flange nut



**DIN 985**  
Nylon insert hex lock nut



**Pipe Clamp Nut Flat**  
M8/M10 - 16 Boy 13AA



**Pipe Clamp Nut Conic**  
M8/M10 - 18 Boy 17AA



**Pipe Clamp Nut Conic**  
M8/M10 - 18 Boy 17AA



**DIN 928**  
Square weld nuts



**DIN 929**  
Hexagonal weld nuts



T Nuts



Barrier Bots



Hex weld nuts



Special Nuts



RAW MATERIAL



SURFACE PREPARATION



WIRE DRAWING



ANNEALING



COLD FORMING



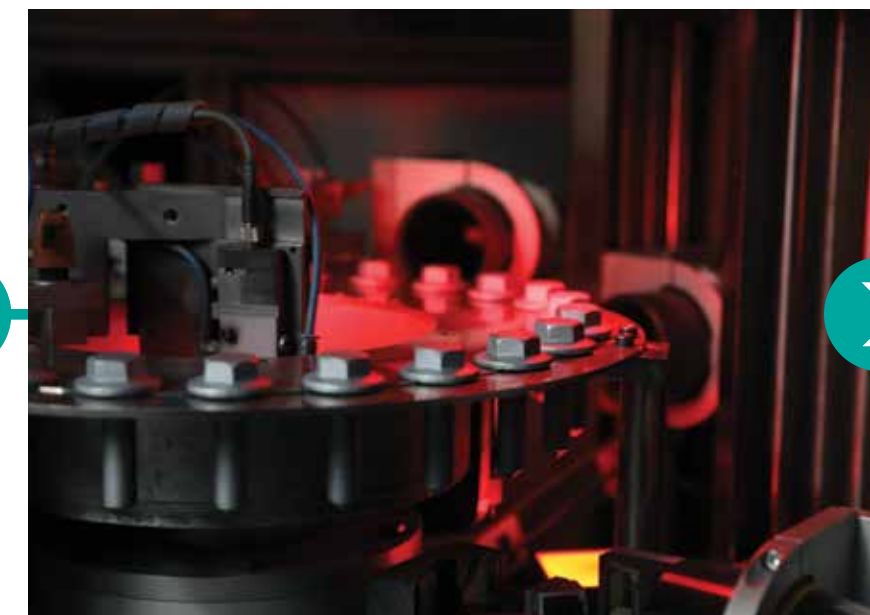
THREAD ROLLING



HEAT TREATMENT



SURFACE COATING







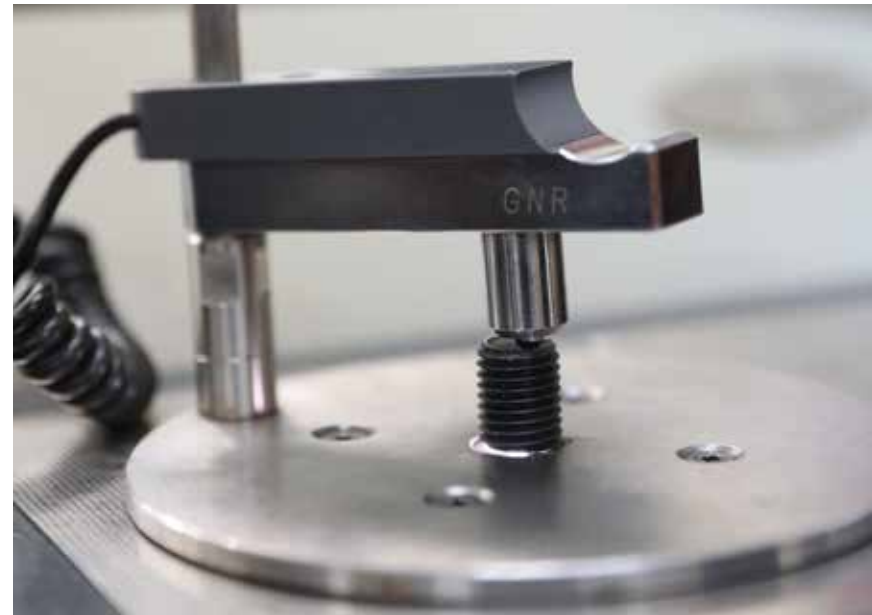
SORTING



PACKAGING

ELECTROLYTIC ZINC COATINGS	ZINC FLAKE COATINGS	OTHER COATINGS
<div>▶ ACIDIC ZINC</div> <div>intergalvano®</div>	<div> NOF METAL COATINGS EUROPE</div>	<div>▶ HOT DIP GALVANISING</div> <div>▶ ZINC – IRON COATING</div> <div>▶ COPPER COATING</div> <div>▶ COPPER NICKEL COATING</div> <div>▶ CHOMIUM-NICKEL COATING</div> <div>▶ CHROMIUM-NICKEL-TIN COATING</div> <div>▶ ELECTROLESS NICKEL PLATING</div>
<div>▶ ALKALI ZINC</div> <div>intergalvano®</div>	<div> DÖRKEN MKS® THE CORROSION EXPERTS</div>	
<div>▶ ZINC PHOSPHATE</div> <div> Kluthe Harmony in Chemistry</div>		
<div>▶ ZINC NICKEL</div> <div> MacDermid Enthone INDUSTRIAL SOLUTIONS</div> <div> COVENTYA</div>	<div> MAGNI Performance, covered.</div>	

SEALER / LUBRICANT / PASSIVATION APPLICATIONS ON ELECTROLYTIC COATED SURFA		THREAD LOCKING PATCH APPLICATIONS	
SPECIAL TREATMENTS	PASSIVATION AND TREATMENT BRANDS	Brand Name	Color
SURFACE PASSIVATION (YELLOW, BLACK, BLUE, CLEAR)	 MacDermid Enthone INDUSTRIAL SOLUTIONS	Precote 30	Yellow
		Precote 30	Green
SEALERS TO OBTAIN COEFFICIENT OF FRICTION (0,09 0,14 0,12 0,18)	 MacDermid Enthone INDUSTRIAL SOLUTIONS	Precote 80	Red
		Precote 85	Turquoise
		3M-Scotchgrip 2353	Blue
		3M-Scotchgrip 2510	Orange
SEALERS TO OBTAIN COEFFICIENT OF FRICTION	 MacDermid Enthone INDUSTRIAL SOLUTIONS	Tuflock	Light Blue
		Driloc 2045	Red
BAKING	 MacDermid Enthone INDUSTRIAL SOLUTIONS	ND TA 300	Yellow
		ND TA 800	Red
		ND TA 850	Turquoise
		ND Microspheres 593 S	Blue
		ND Nycote LM 1293 (Masking)	White
		ND Patchv	Blue



RAW MATERIAL CHEMICAL  
ANALYSIS BY SPECTROMETER



DIMENSIONAL CONTROL BY OPTICAL  
MEASURING DEVICE (SPC)



PRODUCT DETAIL CONTROL BY  
PROFILE PROJECTOR



MICRO VICKERS & ROCKWELL  
HARDNESS VALUES MEASUREMENT



TENSILE STRENGTH AND YIELD  
POINT TESTS



SCREWING TEST DEVICE



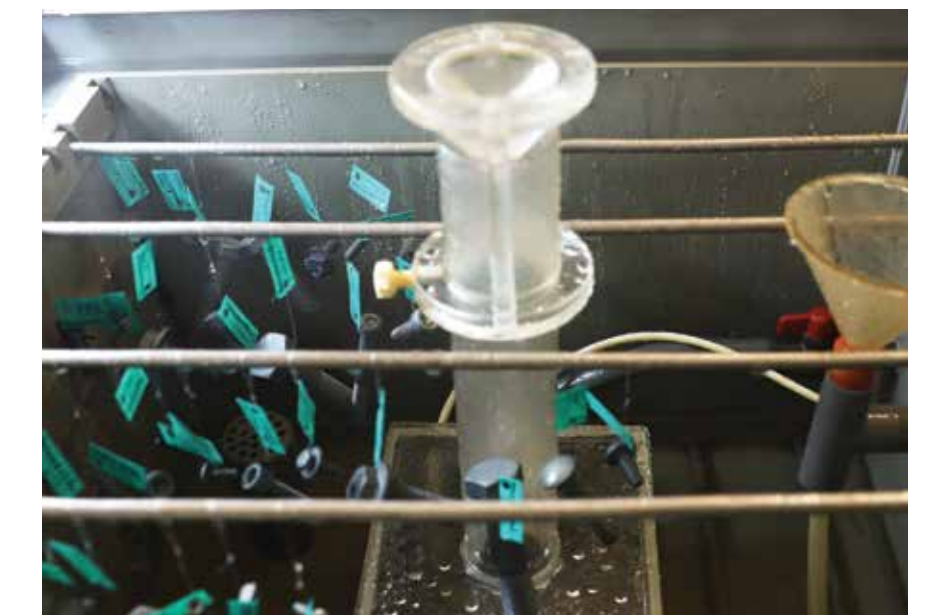
CONTROL BY METALOGRAPHIC  
MISCROSCOPE



MEASUREMENT OF SURFACE  
COATING THICKNESS BY X-RAY  
DEVICE



TEST OF COEFFICIENT OF  
FRICTION



CORROSION RESISTANCE  
TESTS IN SALT SPRAY TEST  
CABINS



DIN EN ISO 9001:2015



IATF 16949:2016



ISO 14001:2015



EN 14399-1:2015  
EN 15048-1:2007



ISO 50001:2018



ISO 45001:2018



ISO/IEC 27001:2013



Laboratory Approved by FIAT

	DAIMLER			ANADOLU ISUZU	FIAT
 TÜMOSAN		B/S/H/			
	 Die Mehrwertmacher	DAS	HABERKORN	BOSSARD	
	 Kellner&Kunz AG RECA   HÄLT. WIRKT. BEWEGT.			HİDROMEK®	
				Keller &Kalmbach	BUEAB
			VESTEL	BOLLHOFF	



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