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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

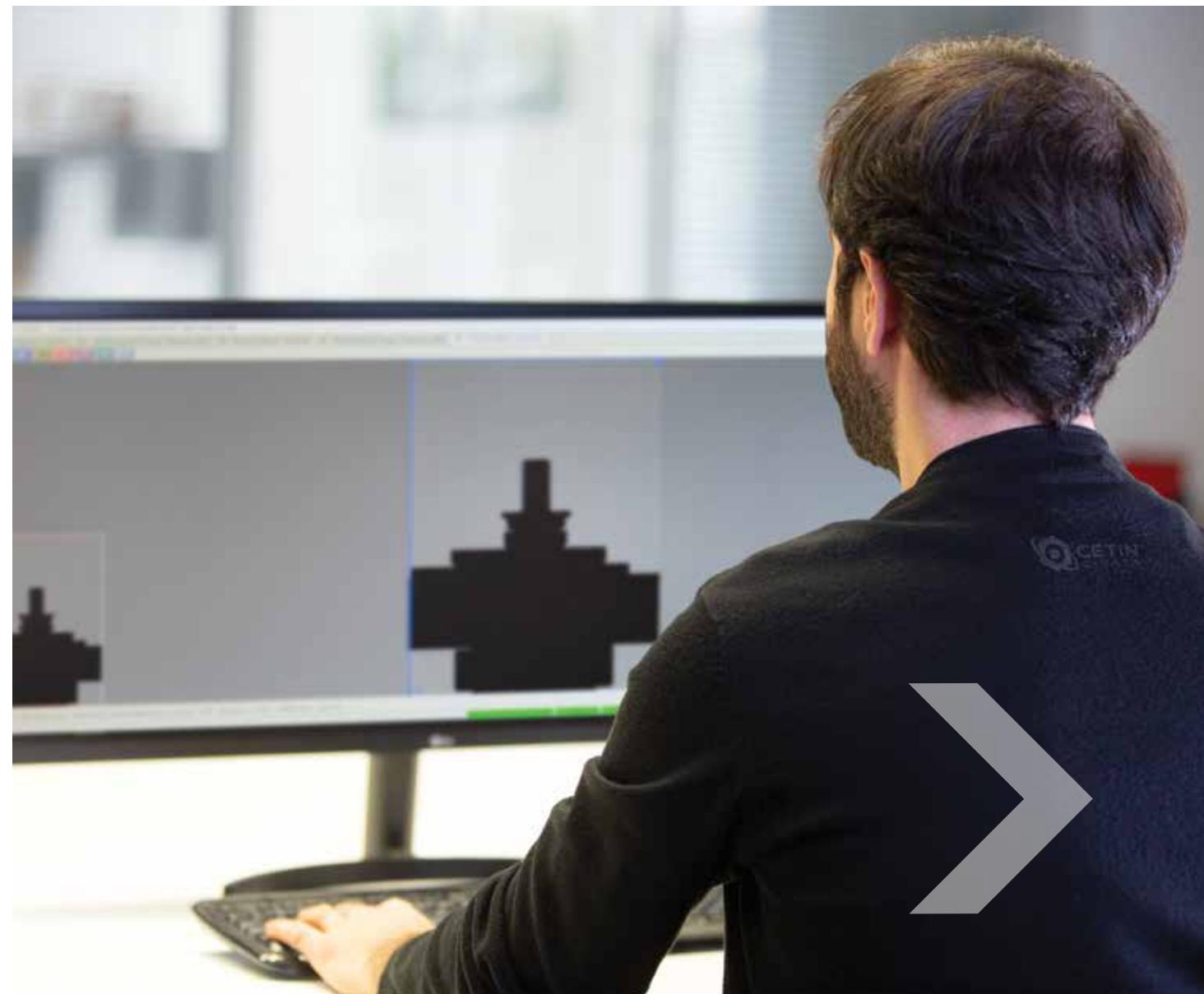
**50**  
—  
YEARS

CORPORATE  
HISTORY





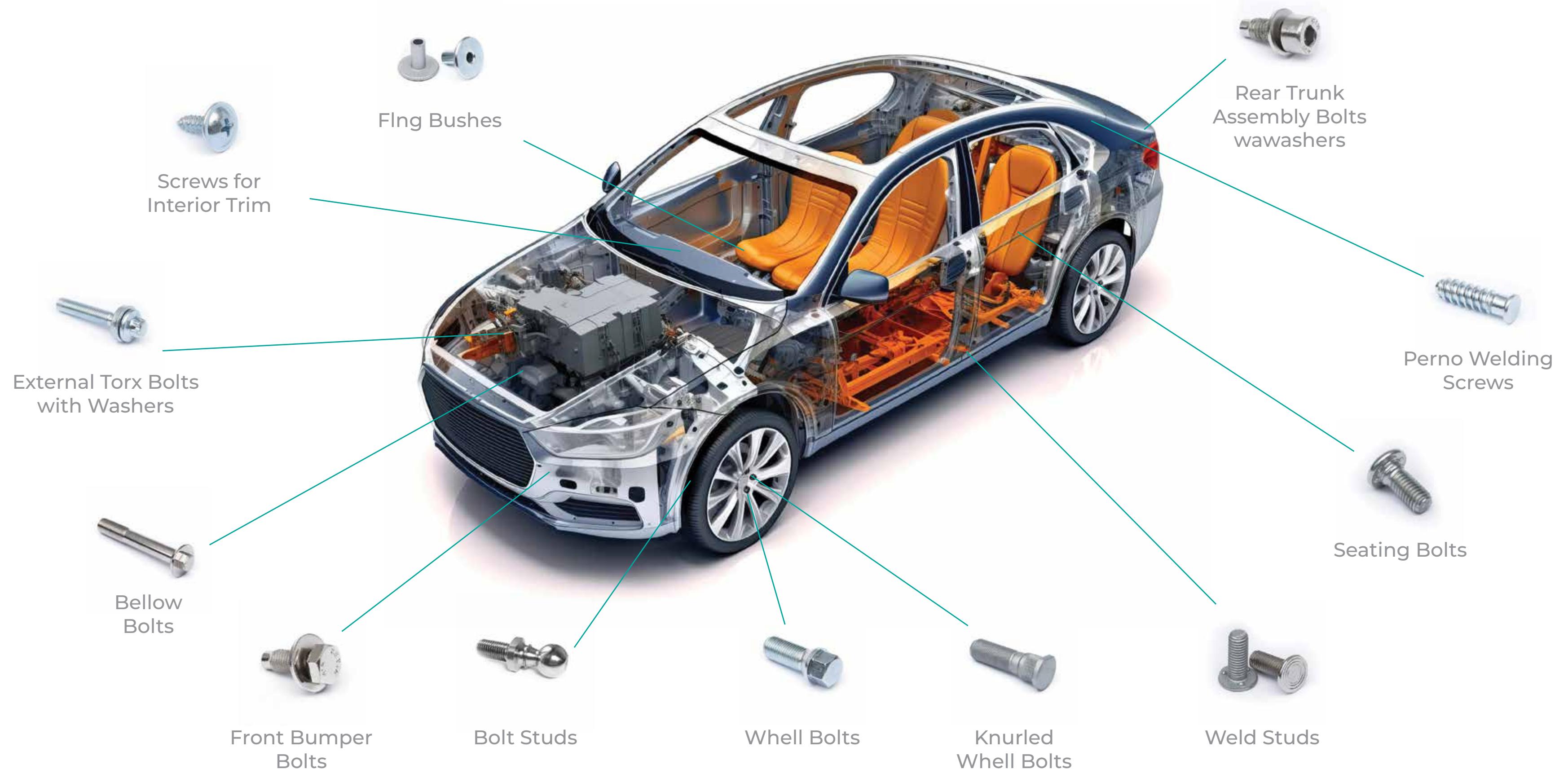




► C-PARTS PRODUCTION AND SUPPLY

► 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



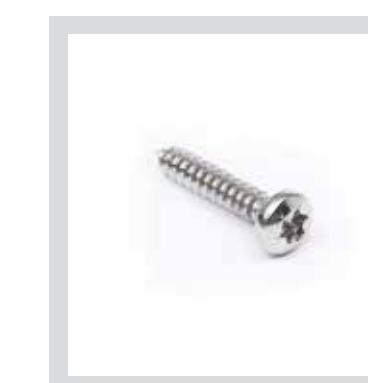
C.sunk Head  
Screws W.  
Trilobular Thread



Washing Machine  
Plastic Drum Bolt



Washing Machine  
Drum Concrete  
Screw



Self Tapping  
Screws



Refrigerator  
Foot Bolt



B/S/H/

**VESTEL**

**arcelik**

**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



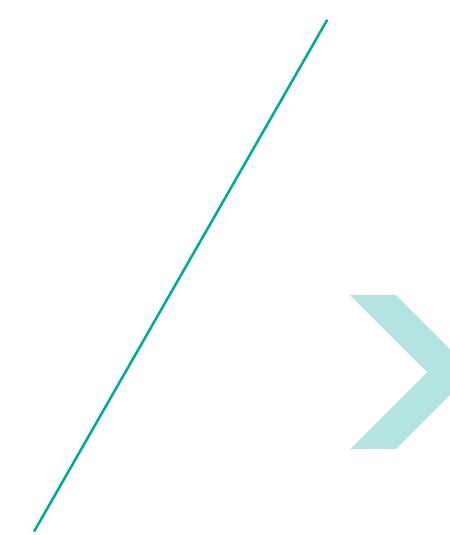
T Head Bolts



Space Roof Bolts



Lag screws



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

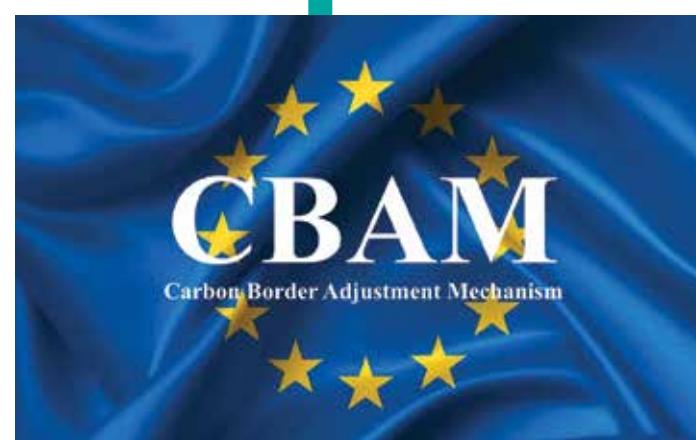


**LOWER CARBON EMISSION MORE CAREFUL AND  
MORE RIGOROUS PRODUCTION  
FOR A CLEAN FUTURE**



CBAM

**CARBON BORDER  
ADJUSTMENT  
MECHANISM**



MEASUREMENT AND  
REPORTING EVERY  
3 MONTHS, ONCE IN  
EACH QUARTER

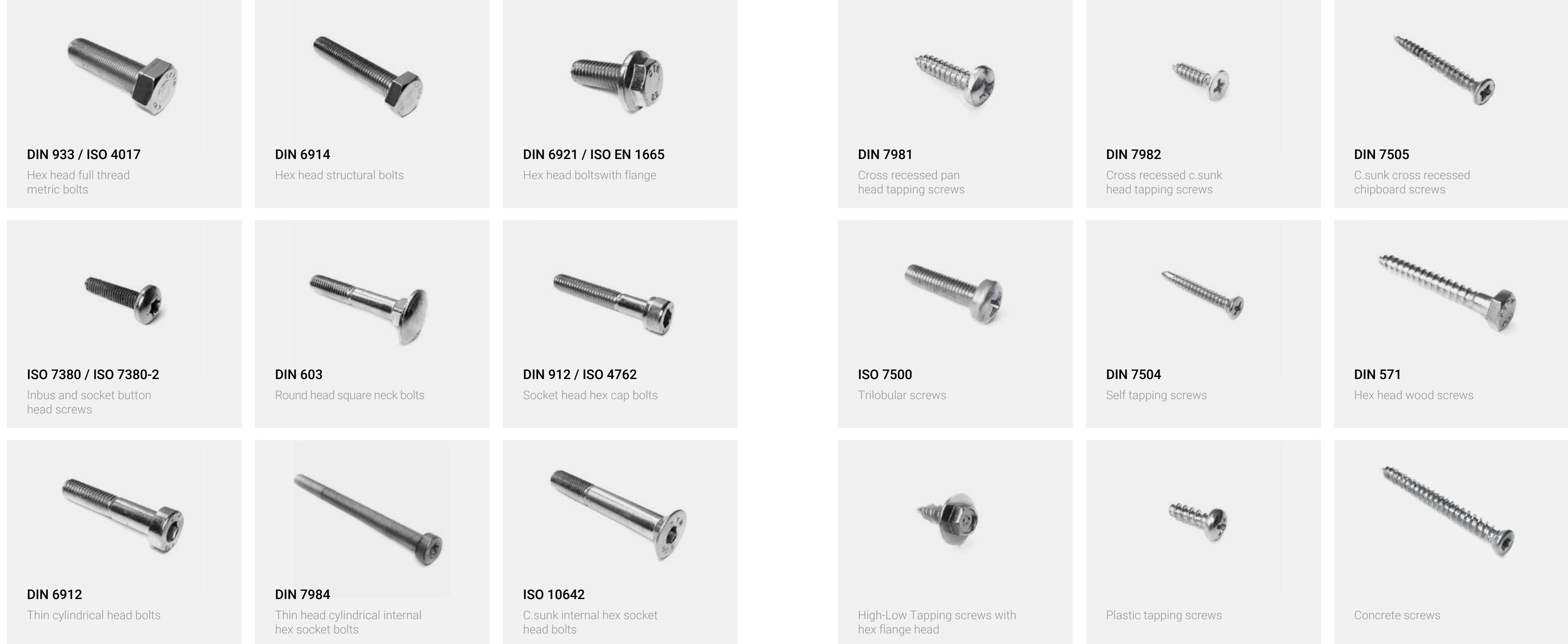


**WE FULFILL OUR  
RESPONSIBILITY TO  
DECREASE OUR  
CARBON FOOTPRINT**

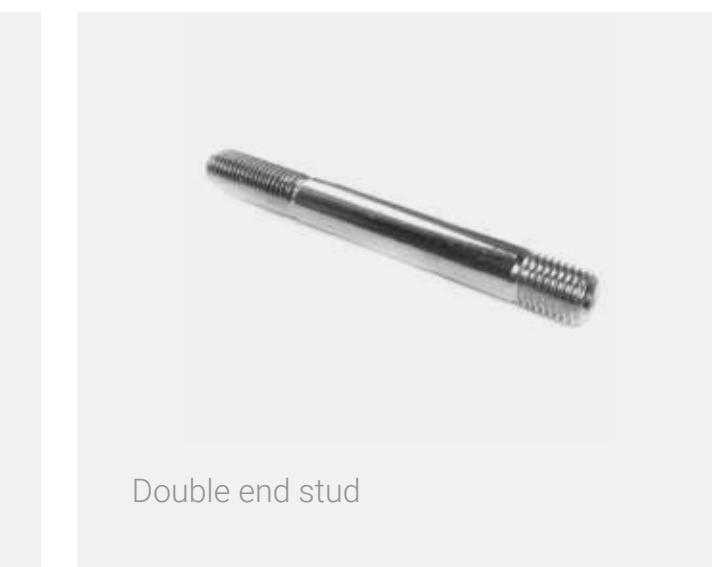
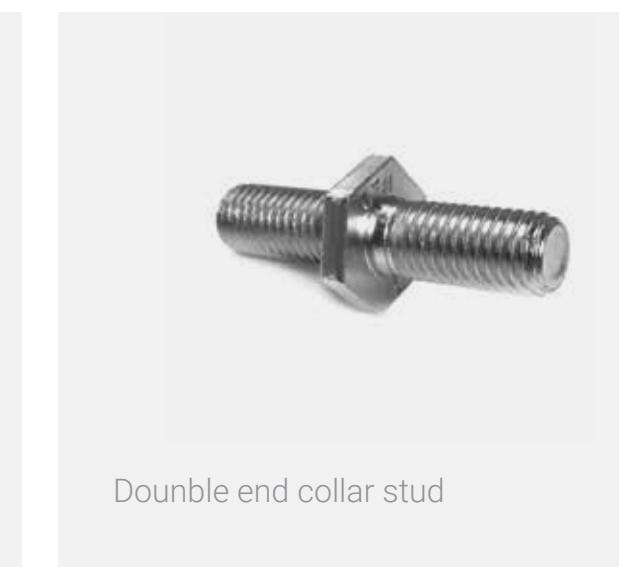
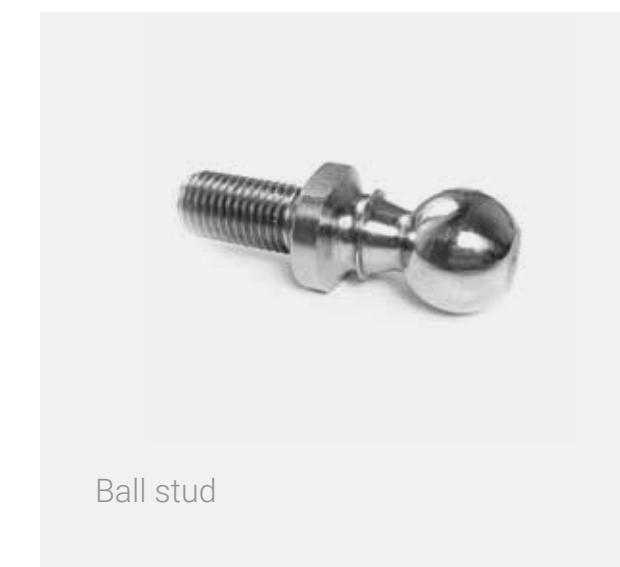
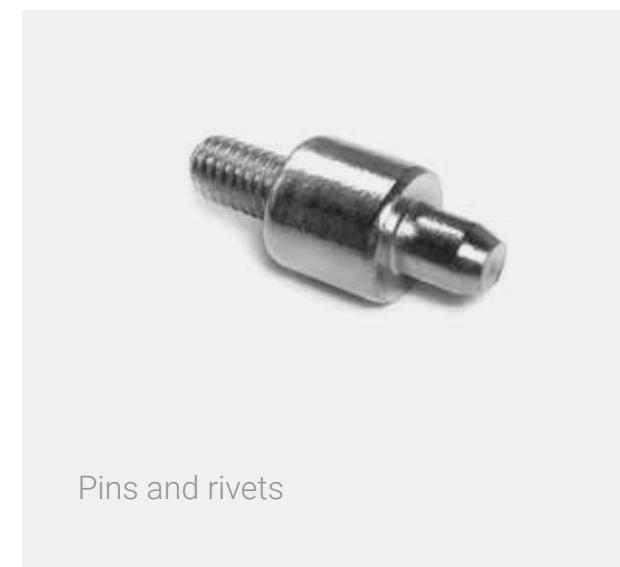
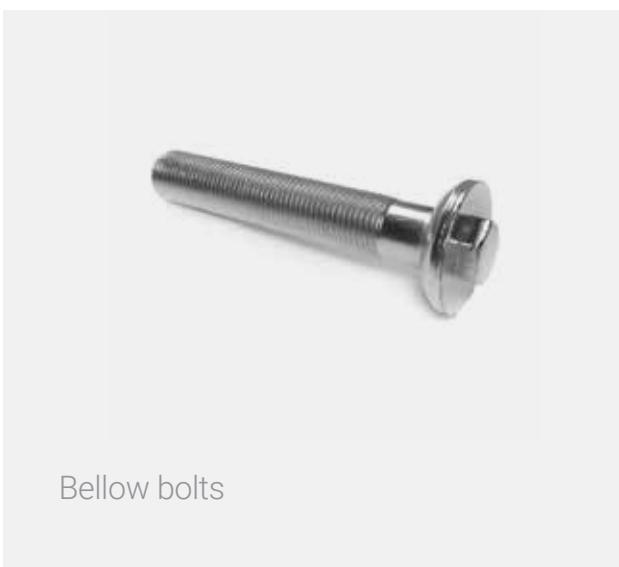
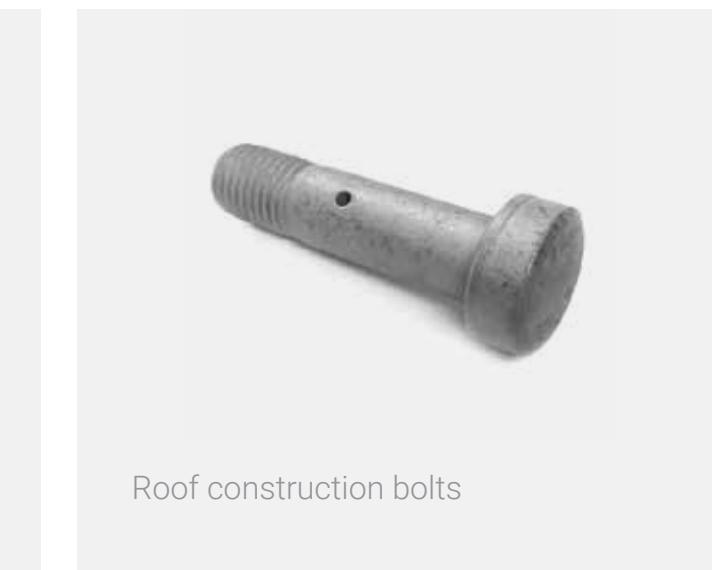
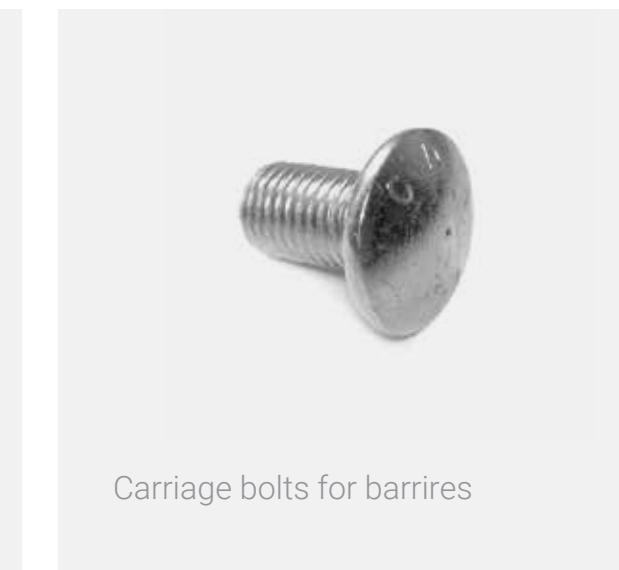
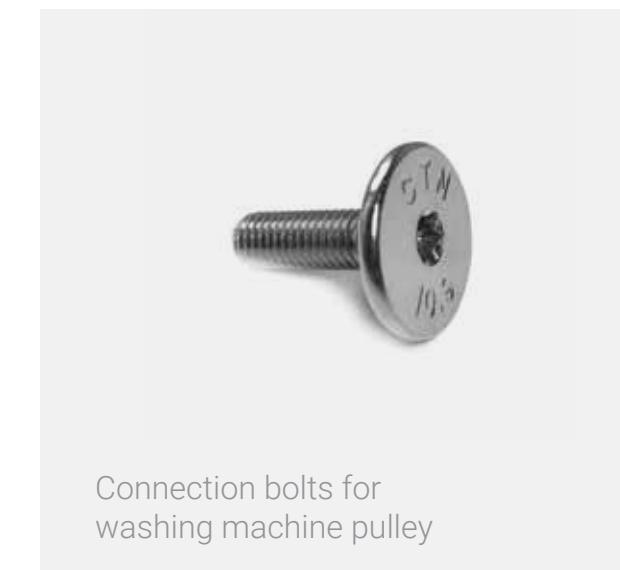
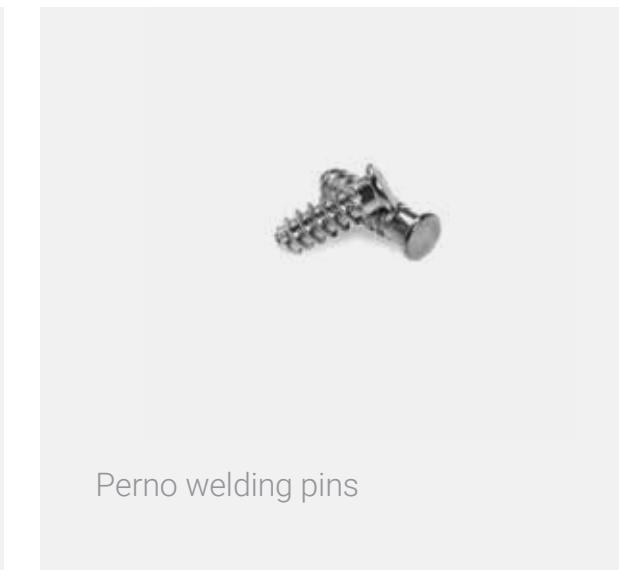
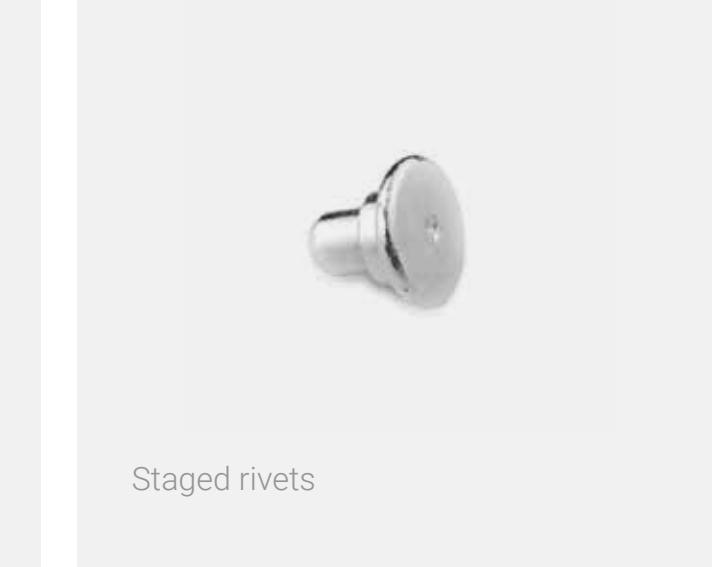
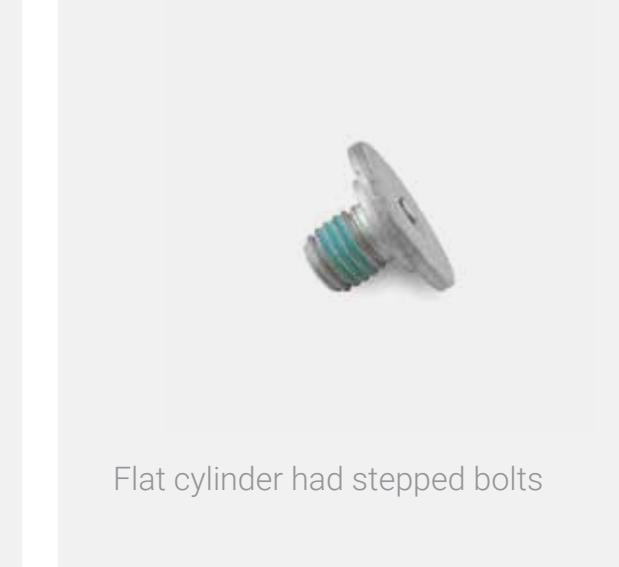
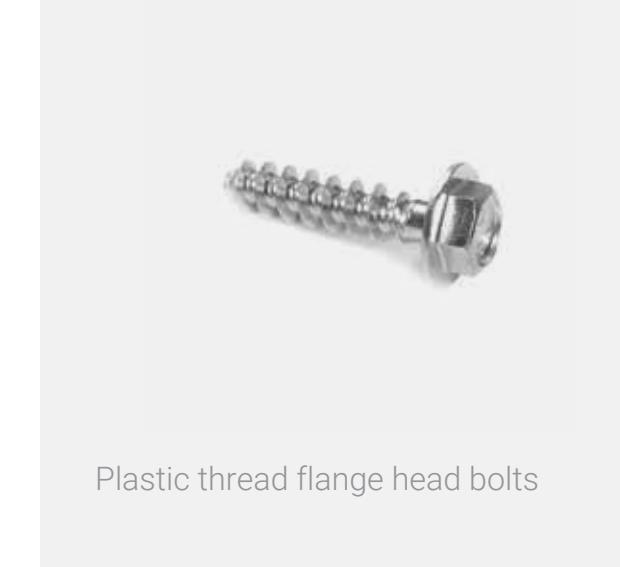
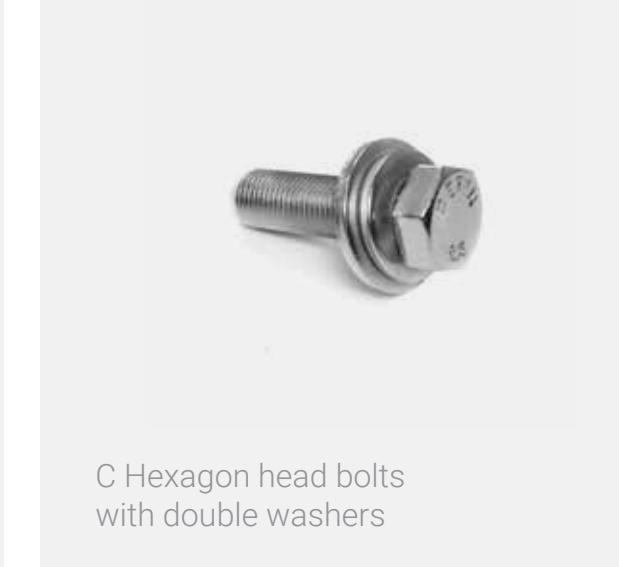
**WE WORK FOR TODAY  
AND TOMORROW**

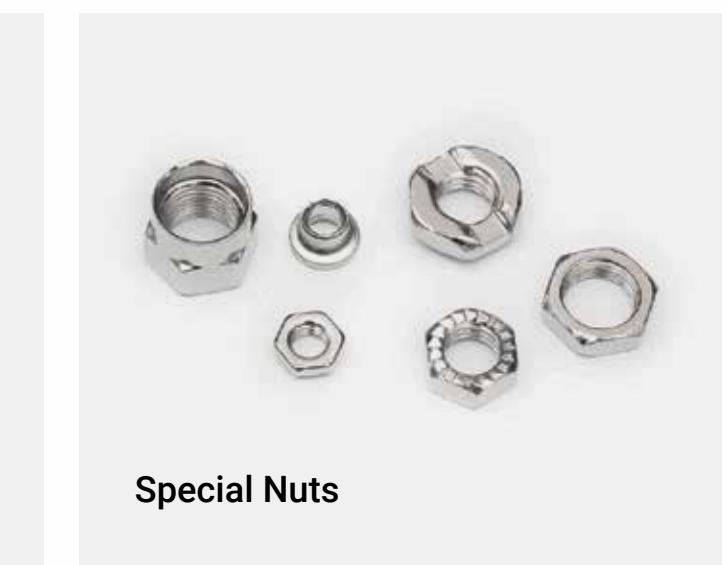
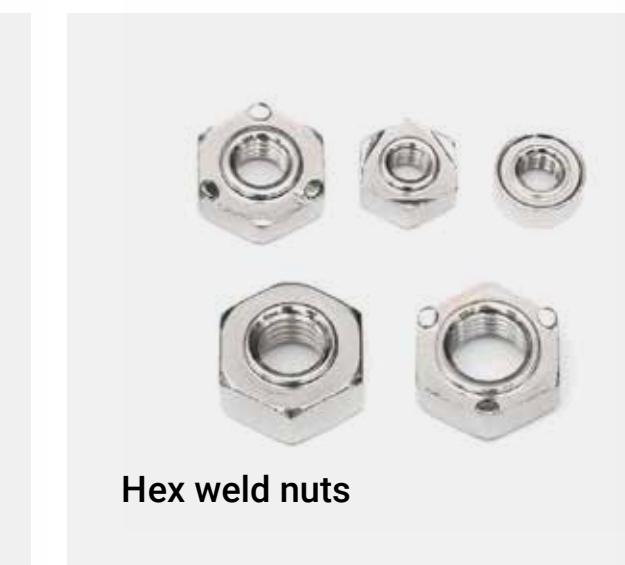
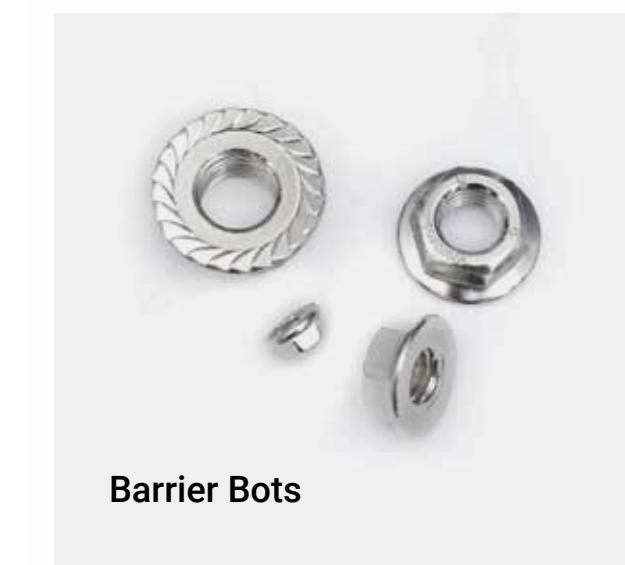
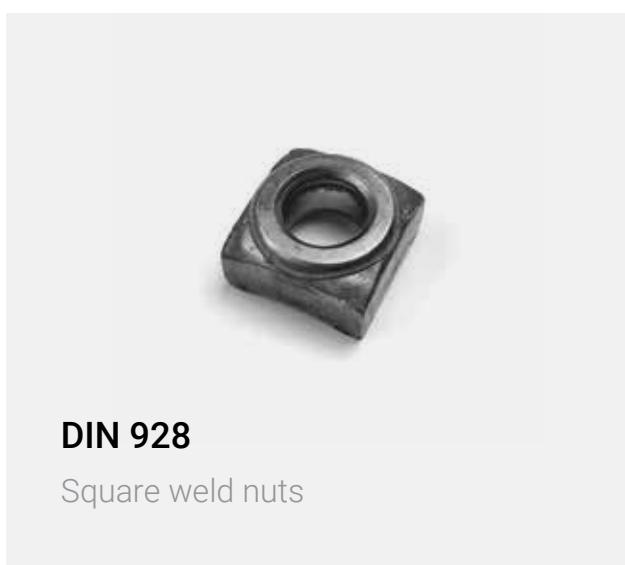
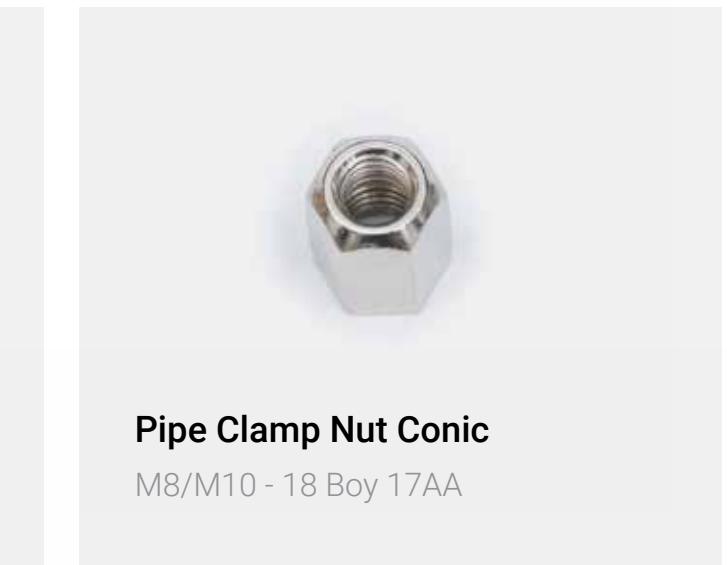
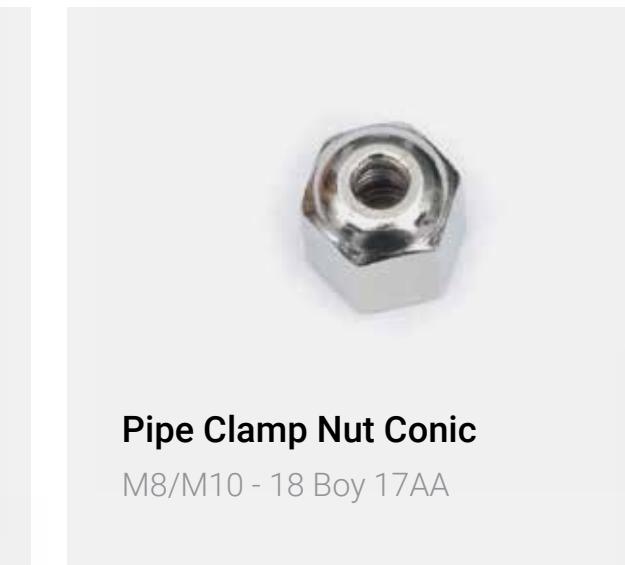
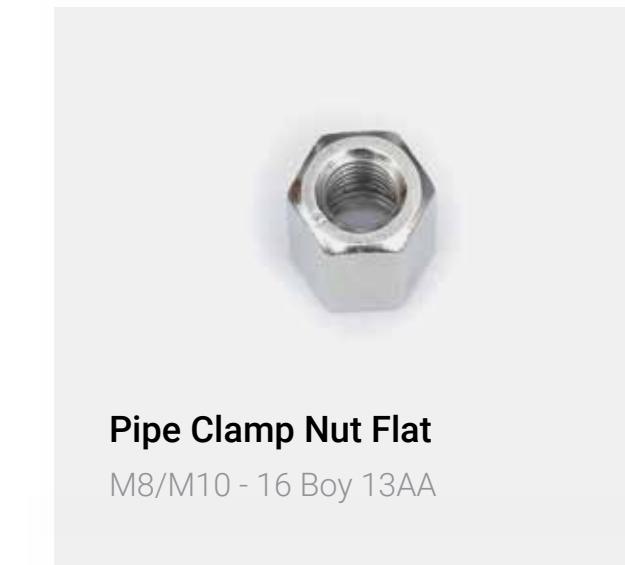
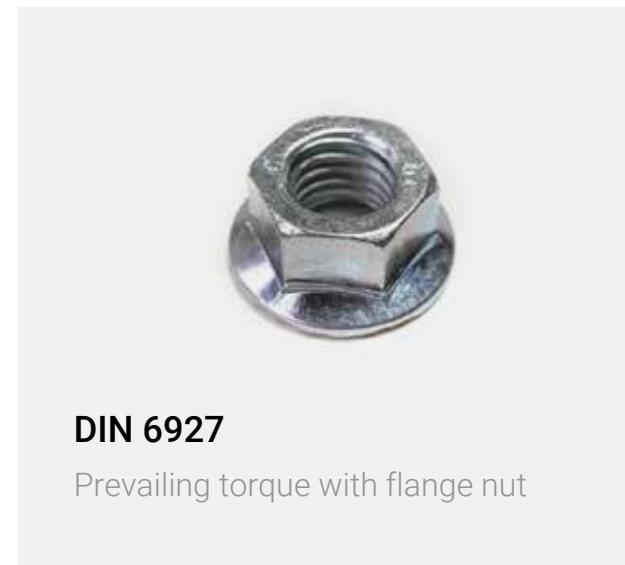
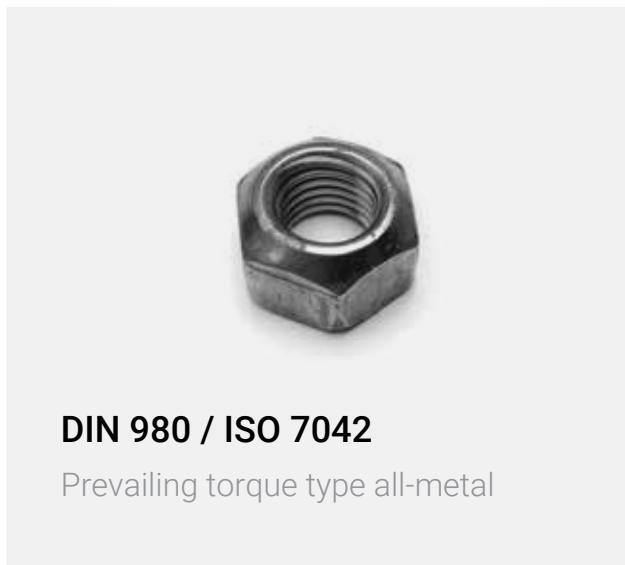
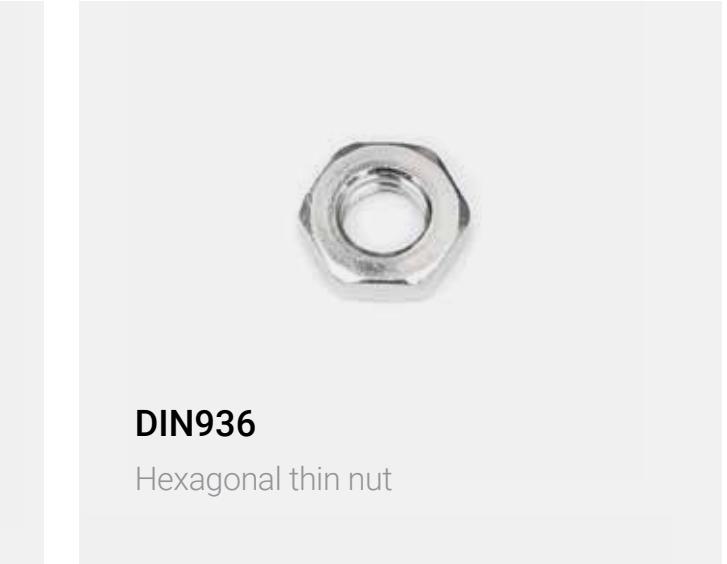
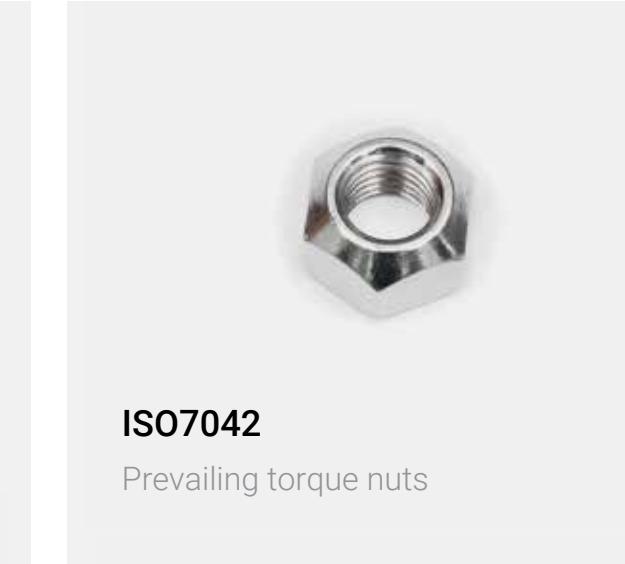
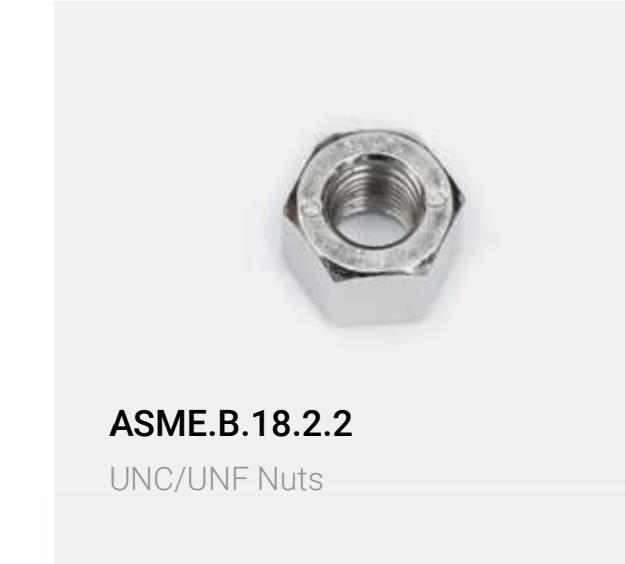


OUR CBAM REPORT CAN BE  
REACHED THROUGH THIS BARCODE



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







RAW MATERIAL



SURFACE PREPARATION



WIRE DRAWING



ANNEALING



COLD FORMING



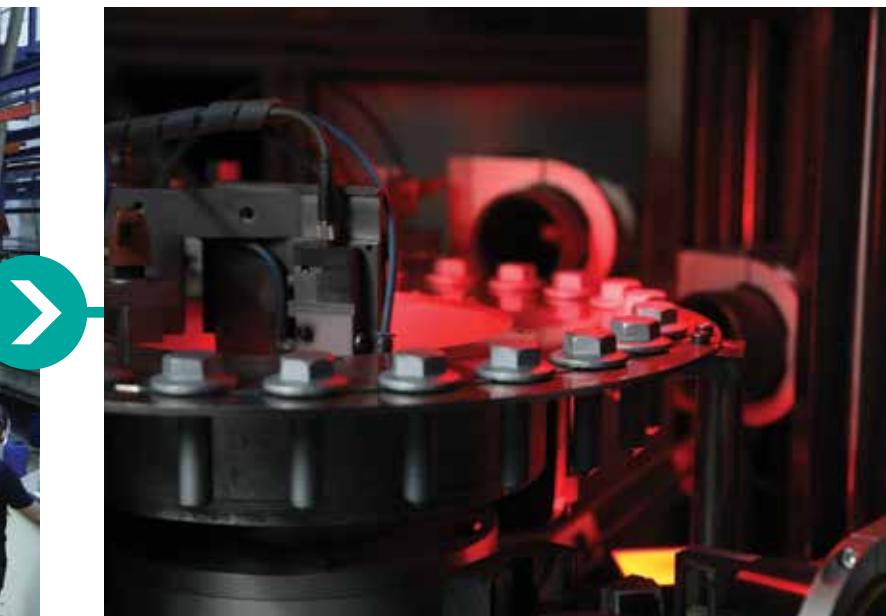
THREAD ROLLING



HEAT TREATMENT



SURFACE COATING



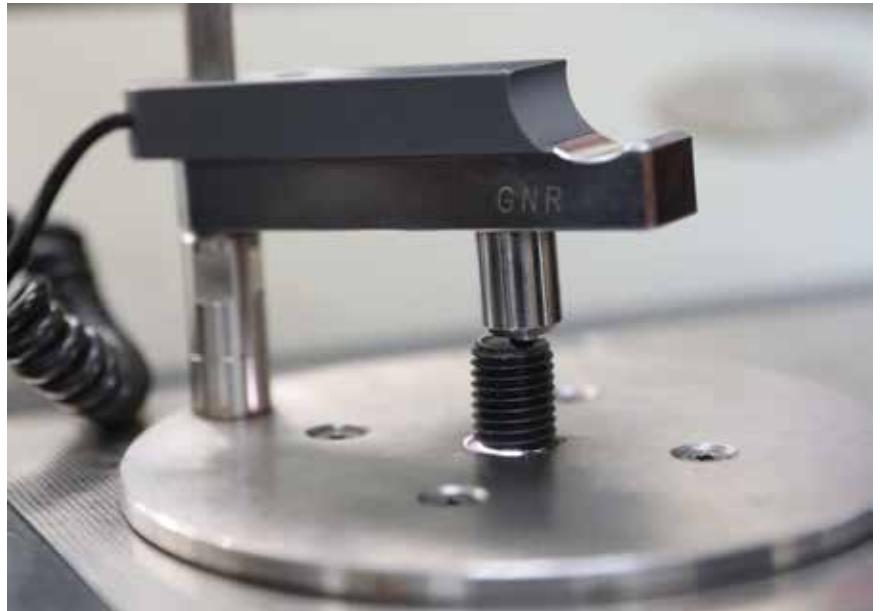
SORTING



PACKAGING

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

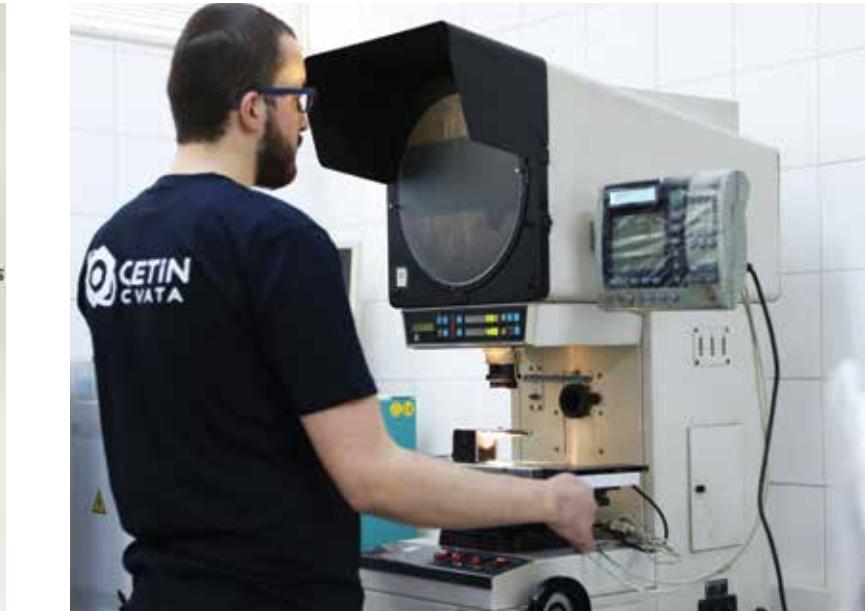
SEALER / LUBRICANT / PASSIVATION APPLICATIONS ON ELECTROLYTIC COATED SURFA	THREAD LOCKING PATCH APPLICATIONS
SPECIAL TREATMENTS	PASSIVATION AND TREATMENT BRANDS
SURFACE PASSIVATION (YELLOW, BLACK, BLUE, CLEAR)	MacDermid Enthone COVENTYA DR. HESSE
SEALERS TO OBTAIN COEFFICIENT OF FRICTION (0,09 0,14 0,12 0,18)	MacDermid Enthone COVENTYA DÖRKEN MKS® THE CORROSION EXPERTS MAGNI
SEALERS TO OBTAIN COEFFICIENT OF FRICTION	MacDermid Enthone COVENTYA DR. HESSE FUCHS LUBRITECH HILLEBRAND CHEMICALS A WHW COMPANY
BAKING	BAKING IS APPLIED TO AVOID HYDROGEN EMBRITTLEMENT
	Brand Name Color
	Precote 30 Yellow
	Precote 30 Green
	Precote 80 Red
	Precote 85 Turquoise
	3M-Scotchgrip 2353 Blue
	3M-Scotchgrip 2510 Orange
	Tuflock Light Blue
	Driloc 2045 Red
	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  
MISCSROSCOPE



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		 OPTIMAS	ANADOLU ISUZU	
	MAGNA	B/S/H/	 Rexroth Bosch Group		
	 Dresselhaus Die Mehrwertmacher	DAS	 HABERKORN	 BOSSARD	
	 Kellner&Kunz AG RECA   HÄLT. WIRKT. BEWEGT.	 kdscasting	 KALE OTO RADYATÖR	 HİDROMEK®	
			 ALKA GROUP	 Keller & Kalmbach	
	 SEM RUBBER - METAL CO.		 VESTEL	 BÖLLHOFF	 Beyçelik Gestamp



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