

# EZEL CIVATA

Ezel Civata, located in Izmir Turkey, has proven itself in the Fastener Industry with its high-quality, wide ranged products and on time deliveries.

Ezel Civata, founded in 1911 as a hardware store in İzmir, entered the Fasteners Industry in 1970's. Today, over 200 experienced staff operate Ezel Civata's production plant, located over 30.000 m<sup>2</sup> open and 17.500 m<sup>2</sup> closed area.

Ezel Civata, exporting to all of the major EU countries, and North America continues to expand in other regions.

Ezel Civata has a fully integrated all in-house, modern production facilities consisting of; surface treatment, wire drawing, cold forming, heat treatment, coating & plating, sorting, secondary operation line and fully automated packaging.

Implementation and continuous improvements in its ERP Management System enables Ezel Civata to control the entire process and quality from raw material to finished product, ensuring traceability and transparency.

Post production processes such as full automatic zinc plating, packaging lines, cleaning and de-oiling of products and quality control are all completed in house. Hot dip galvanizing, zinc flake, black flake, zinc-nickel (ZnNi), zinc-aluminum (ZnAl), and other advanced coating systems such as Delta-Protekt, Magni, and Dörken, as well as patch applications from brands like ND and Precote, are continuously outsourced to reliable partners certified to IATF 16949 standards.

A well-equipped quality control lab inside the facility, consisting of torque and tension measurement devices, camera-equipped micro Vickers and Rockwell B, C hardness measuring machines, a Kistler coefficient of friction test machine, Innovatest full automatic micro Vickers and microstructure test equipment, salt spray test, digital cameras, Mitutoyo profile projectors, torque measurement tools, sample preparation tools and microscopes, metal spectrum analyzers, and a sorting machine, enables Ezel Civata to check the quality of its products at every stage of production. Ezel Civata has successfully completed the audits and earned the IATF 16949:2016 quality management certificate.

A total of 61 progressive headers with 4-5-6 stations, 15 nut tappers, 55 thread rollers and many other complementary machine sets with a production capacity of 15.000 tonnes/year enables Ezel Civata to manufacture a wide product range between M3 - M24. Flexible packaging solutions in bulk or custom labeled small boxes are available upon customer requests.

Besides its line of standard fasteners, Ezel Civata specializes in the production of custom cold-formed parts designed to meet the demanding requirements of the automotive industry. With advanced technology and strict quality assurance, we deliver high-precision, high-strength fastening solutions tailored to customer specifications, ensuring reliability and performance in critical applications.

Ezel Civata has completed its investment in solar power systems with a capacity of 2.0 megawatts to increase its clean energy usage. Additionally, new clean energy investments are planned for the near future as the company continues to expand its commitment to sustainability.

Delivering high quality products within the shortest delivery time available at reasonable prices gives Ezel Civata the competitive advantage to maintain ongoing and satisfied business partnerships.



# BOLTS

Ezel Civata offers a comprehensive range of bolts focusing on 4.8 – 5.8 – 6.8 – 8.8 – 10.9 and 12.9 grades. Bolt production is made in multi stationned machines, always under systematic quality control processes. Both DIN and ISO standards are supported as well as special products. Different plating options such as Lacquer coating, Zinc coating, Blue, Yellow and Black passivation (Cr+3), Zinc Flake coating and Hot-dip galvanizing are available.

DIN 931	- ISO 4014	Hexagon Head Bolts
DIN 933	- ISO 4017	Hexagon Head Bolts
DIN 912	- ISO 4762	Socket Head Bolts
DIN 960	- ISO 8765	Hexagon Head Bolts
DIN 961	- ISO 8676	Hexagon Head Bolts
DIN 6921	- ISO 1665	Flange Head Bolts
DIN 7991	- ISO 10642	Countersunk Socket Head Bolts

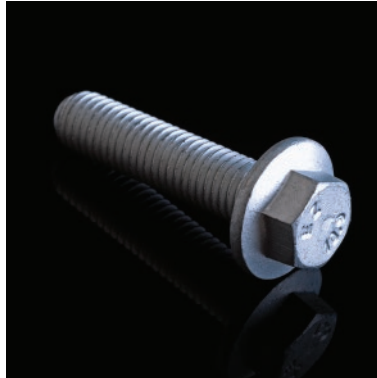
DIN 603	Cup Head Square Neck Bolts
DIN 34800	Hexalobular Head Bolt w/ Small Flange
ISO 7380	Socket Button Head Bolt
ISO 7380-2	Socket Button Head Bolt w/Collar
DIN 7984	Thin Socket Head Cap Bolt w/Low Head
DIN 6912	Thin Socket Head Cap Bolt w/Centre-Low Head

Hexagon Washer Head Self Tapping Screw For Plastic  
Hexalobular Socket Button Head Self Tapping Screw For Plastic





HEXAGON HEAD BOLTS  
M4 - M24 | 6mm - 200mm



HEXAGON BOLT w/ FLANGE  
M6 - M12 | 12mm - 200mm



HEXOBULAR HEAD BOLTS  
w/ SMALL FLANGE  
M6 - M16 | 16mm - 200mm



SOCKET HEAD CAP BOLTS  
M4 - M24 | 12mm - 200mm



THIN SOCKET HEAD CAP BOLTS  
w/ CENTRE - w/ LOW HEAD  
M5 - M12 | 8mm - 200mm



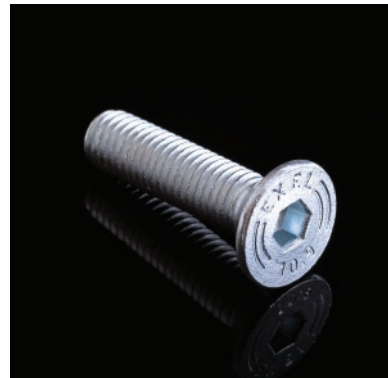
THIN SOCKET HEAD CAP BOLTS  
w/ LOW HEAD  
M5 - M12 | 8mm - 200mm



SOCKET BUTTON HEAD BOLTS  
M8 - M12 | 20mm - 200mm



SOCKET BUTTON HEAD BOLTS  
w/ COLLAR  
M4 - M12 | 8mm - 100mm



COUNTERSUNK SOCKET HEAD BOLTS  
M5 - M16 | 10mm - 200mm



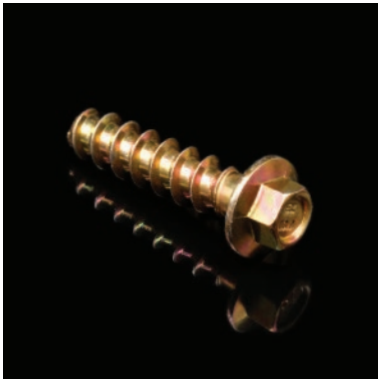
MUSHROOM HEAD SQUARE NECK BOLTS  
M6 - M16 | 16mm - 80mm



WELDING BOLTS  
M5 - M12



CONVEYOR BELT BOLTS  
M8 - M10 | 20mm - 80mm



HEXAGON WASHER HEAD  
SELF TAPPING SCREW FOR PLASTIC  
Ø8 - Ø12 | 25mm - 100mm



HEXALOBULAR SOCKET BUTTON HEAD  
SELF TAPPING SCREW FOR PLASTIC  
Ø6 - Ø10 | 16mm - 70mm



CUSTOM BOLTS  
M4 - M20 | 6mm - 200mm

# QUALITY

Ezel Civata prides itself on fully implementing the ISO 9001:2015 quality management system and has successfully obtained the IATF 16949:2016 quality management certificate. In addition to these, Ezel Civata is also certified with ISO 14001 for environmental management, ISO 27001 for information security management, ISO 45001 for occupational health and safety, and ISO 50001 for energy management. Furthermore, the company holds EN 15048 and EN 14399-1 certifications for structural fasteners.

The testing capabilities of Ezel Civata include a Salt Spray Test and XRF Coating Thickness Measuring Device, Contour Measuring Device, HRC, HV, and Micro Hardness Measuring Devices, Metallographic Structure Analysis, Spectral Analysis for Material, Tensile Strength and Torque Measuring, Surface Roughness Measurements, Vision Control Systems, as well as a Kistler Coefficient of Friction Test Machine and Innovatest Full Automatic Micro Vickers and Microstructure Test Equipment. These systems ensure the highest quality standards at every stage of production.



MAHR  
CONTOUR MEASURING



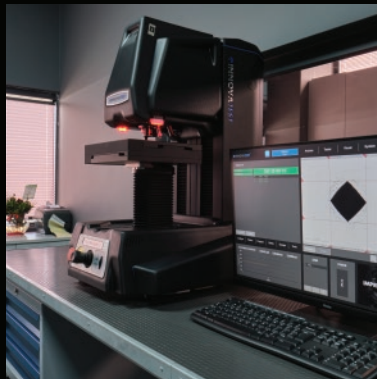
BOWMAN XRF  
COATING THICKNESS MEASURING



STRUERS  
SAMPLE PREPARATION



KISTLER FRICTION CONTROL TESTER



INNOVATEST MICROVICKERS AND  
MICROSURFACE TESTER



SALT SPRAY TESTING





Ezel Civata has a fully integrated all in-house, modern production facilities consisting of; surface treatment, wire drawing, cold forming, heat treatment, coating & plating, sorting, secondary operation line and fully automated packaging.

Implementation and continuous improvements in its ERP Management System enables Ezel Civata to control the entire process and quality from raw material to finished product, ensuring traceability and transparency.

Post production processes such as full automatic zinc plating, packaging lines, cleaning and de-oiling of products and quality control are all completed in house. Hot dip galvanizing, zinc flake, black flake, zinc-nickel (ZnNi), zinc-aluminum (ZnAl), and other advanced coating systems such as Delta-Protekt, Magni, and Dörken, as well as patch applications from brands like ND and Precote, are continuously outsourced to reliable partners certified to IATF 16949 standards.



RESEARCH & DEVELOPMENT



PRODUCTION & PLANNING



MODERN FACILITIES



FULLY AUTOMATED





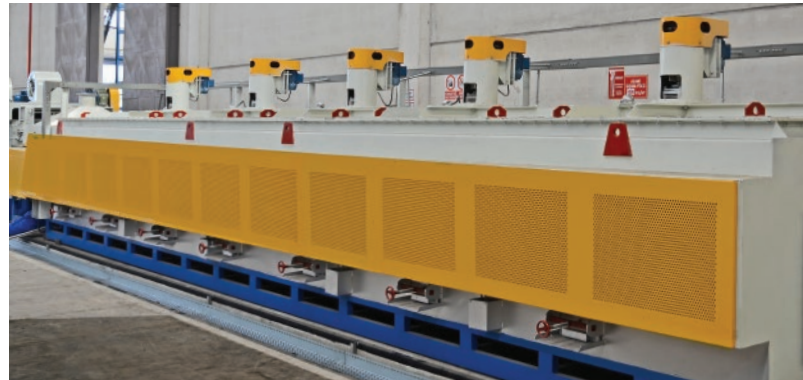
COLD FORMING



THREAD FORMING



COATING



HEAT TREATMENT



FULLY AUTOMATED PACKAGING SYSTEM



ON TIME DELIVERY

# SCREWS & RIVETS

Ezel Civata offers screws ranging from M3 to M10 with a maximum length of 140mm. The production is quality controlled on every step. Both DIN and ISO standards as well as special screws are supported. Different plating options such as Lacquer coating, Zinc coating, Blue, Yellow and Black passivation (Cr+3), Zinc Flake coating and Hot-dip galvanizing are available.

DIN 965	- ISO 7046	Cross Recessed Countersunk Flat Head Screws
DIN 7985	- ISO 7045	Cross Recessed Pan Head Screws
DIN 84	- ISO 1207	Slotted Cheese Head Screws
ISO 14579		Hexalobular socket head cap screws
ISO 14581		Hexalobular socket countersunk flat head screw
DIN 34805-1		Hexalobular socket Button head screw
DIN 34805-2		Hexalobular socket Button head screw with collar
ISO 14583		Hexalobular socket pan head screws
ISO 14580		Hexalobular socket cheese head screws

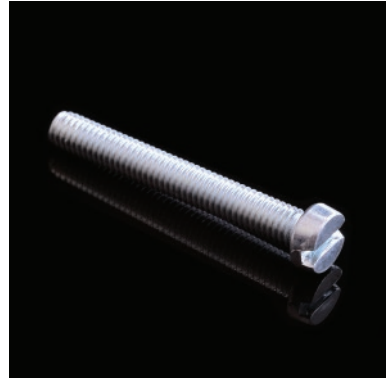




CR COUNTERSUNK FLAT HEAD SCREWS  
M3 - M12 | 6mm -140mm



CR PAN HEAD SCREWS  
M3 - M12 | 6mm -140mm



SLOTTED CHEESE HEAD SCREWS  
M3 - M12 | 6mm -140mm



COMBI SCREWS  
M3 - M12 | 6mm -140mm



DOME HEAD FURNITURE SCREWS  
M3 - M12 | 6mm -140mm



RIVETS  
3 - 16



PAN HEAD COLLAR SCREWS  
3 - 12



# NUTS

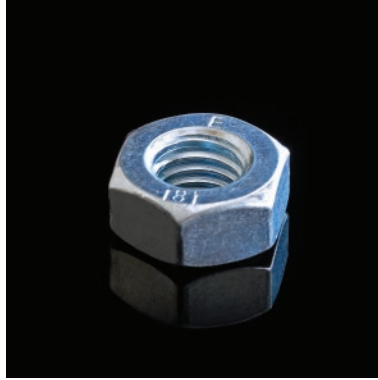
Ezel Civata offers nuts ranging from M5 to M16. Nut production facility consists of multi station machines. Both DIN and ISO standards as well as special nuts are supported. Different plating options such as Lacquer coating, Zinc coating, Blue, Yellow and Black passivation (Cr+3), Zinc Flake coating and Hot-dip galvanizing are available.

DIN 934 - ISO 4032 Hexagon Nuts  
DIN 985 - ISO 10511 Nylon Inserted Hexagon Nuts  
DIN 6923 - EN 1661 Hexagon Nuts with Flange

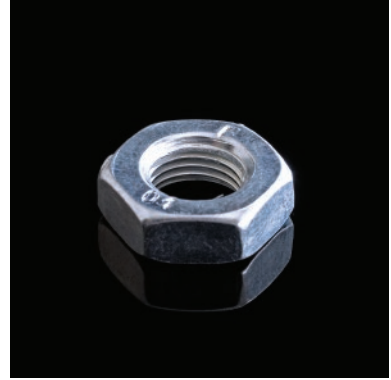




NYLON INSERTED HEXAGON NUTS  
M6 - M12



HEX STEEL NUTS  
M6 - M16



THIN HEX STEEL NUTS  
M6 - M14



ROUND NUTS  
M8 | 5/16 AND 3/8



HEXAGONAL FLANGE NUTS  
M6 - M8



CONVEYOR BELT NUTS  
M8



CUSTOM NUTS  
M6 - M16

# CUSTOM FASTENERS

Ezel Civata offers a wide range of custom made and special fasteners. We focus on your needs to meet your requirements not only by quality but also with fast delivery. The diameter range is 3mm to 24mm. Different plating options such as Lacquer coating, Zinc coating, Blue, Yellow and Black passivation (Cr+3), Zinc Flake coating and Hot-dip galvanizing are available.







CUSTOM FASTENERS



CUSTOM FASTENERS



CUSTOM FASTENERS



CUSTOM FASTENERS



CUSTOM FASTENERS



CUSTOM FASTENERS



CUSTOM FASTENERS



CUSTOM FASTENERS



CUSTOM FASTENERS



## Product Range

DIN 912 / ISO 4762	M4-M24	ISO 14580	M4-M12	DIN 934 / ISO 4032	M6-M16
DIN 7991 / ISO 10642	M5-M16	DIN 7984	M5-M12	DIN 7985 / ISO 7045	M3-M12
DIN 6921 / EN 1665	M6-M12	DIN 6912	M5-M12	DIN 965 / ISO 7046	M3-M12
ISO 7380	M4-M12	DIN 34800	M6-M16	DIN 84 / ISO1207	M3-M12
ISO 7380-2	M4-M12	DIN 603	M6-M16	DIN 966 / ISO 7047	M4-M12
ISO 14579	M4-M12	DIN 960 / ISO 8765	M8-M24		
ISO 14581	M4-M12	DIN 961 / ISO 8676	M8-M24		
DIN 34805-1	M4-M12	DIN 933 / ISO 4017	M4-M24		
DIN 34805-2	M4-M12	DIN 931 / ISO 4014	M4-M24		
ISO 14583	M4-M12	DIN 985 / ISO 10511	M6-M12		

Hexalobular Socket Button Head Self Tapping Screw For Plastic Ø6-Ø10

Hexagon Washer Head Self Tapping Screw For Plastic Ø8-Ø12

## In-House Facilities

Surface Treatment	Heat Treatment
Wire Drawing	Full Automatic Coating
Die Shop	Thread Lock Station
R&D Office	Sorting
Cold Forming	Full Automatic Custom Packaging
Secondary Operations	

### Ezel Civata A.Ş.

2561 Sokak No.10 Torbalı, İzmir - TURKEY

Tel: +90 (232) 853 3161 Fax: +90 (232) 853 3165

E-Mail: [info@ezelcivata.com](mailto:info@ezelcivata.com)

[www.ezelcivata.com](http://www.ezelcivata.com)

