



MANUFACTURER & STOCKIST OF

**Reliable. Fast.
Flexible. Certified.**

Founded in 1995, VASTRUM is a 100% Romanian-owned company with over 30 years of experience in manufacturing and supplying high-performance fastening solutions for critical industrial applications. We combine own production, strategic stock, in-house mechanical testing, and a controlled network of certified suppliers to act as a true one-stop-shop partner for EPC contractors, OEMs and end users worldwide.

BOLTING, STUDBOLTS, NUTS & SPECIAL FASTENERS

vastrum.ro

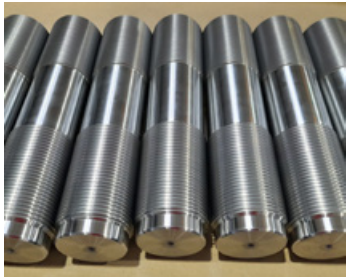
OUR WAY OF WORKING – VALUES IN PRACTICE

At Vastrum, integrity and accountability are not slogans. They are operational rules.

Getting it right for our customers drives every decision we make.

We turn clear commitments into proven results:

- make realistic commitments and keep them;
- have transparent, honest communication with clients and suppliers;
- focus on solutions, not excuses;
- track performance against quality, delivery and responsiveness KPIs;
- build long-term trust through measurable results.





THIS IS WHO WE ARE

Romanian by origin.
International by standards.
Relentlessly focused on
delivering results: on time, on
specs, without compromises.

Vastrum has grown into a trusted manufacturer and stockist of industrial fasteners and machined components, supporting complex projects in:

- Oil&Gas (Upstream, Midstream, Downstream);
- Petrochemical & Refining;
- Energy & Power Generation;
- Nuclear power plants;
- Shipbuilding & shipyards;
- Offshore;
- Plant & mechanical engineering;
- Mining;
- Heavy industry;
- Hydraulic systems industry;
- Water & Wastewater treatment;
- Industrial Refrigeration.

Our reputation is built
on one non-negotiable
belief: industrial
components must
perform flawlessly in real
operating conditions.

WHY CHOOSE US

Integrated manufacturing with
certified assurance



One-Stop-Shop Capability

Manufacturing, stock, testing, documentation, coatings and logistics – coordinated under one roof.

Speed & Flexibility

Fast RFQ response, urgent deliveries, short lead times, and custom manufacturing based on drawings or samples.

Certified Reliability

Products and processes aligned with the most demanding international standards.

Reduced Project Risk

Full traceability, controlled supply chain, in-house testing and third-party inspections when required.

Engineering-Driven Approach

Technical understanding of applications – not just commercial delivery.



PRODUCT RANGE: FASTENERS & MACHINED COMPONENTS



Fasteners & Assemblies

- Studbolts & studbolt assemblies
- Double-ended, tap-end & waisted studs
- Engineered studbolts
- Threaded bars
- Hex bolts, hex set screws
- Socket head cap screws
- 12-point bolts
- Flange bolts, T-bolts, square head bolts
- Special bolts & nuts per customer drawings

Nuts & Washers

- Hexagonal, spherical & special nuts
- Drilled & tapped nuts
- Flat, round & spherical washers
- Spherical washer sets



Bespoke Machined Parts

- Shafts, pistons, shear pins
- Collar studs, U-bolts
- CNC machined components & assemblies



Associated Products (on request)

- Pipes, flanges, fittings
- Blinds, spacers, spades, spectacle blinds
- Gaskets, ring joints, isolation kits
- Seal rings

Sizes & threads

Sizes

Imperial: 3/8"-4"

Metric: M10-M100

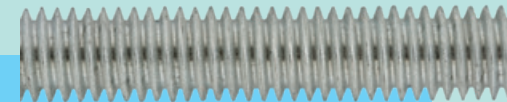
Thread forms

Metric (coarse/fine)

UN/UNC/UNF

NPT, BSP, BSF, Whitworth

ACME



MATERIALS

Frequently Used Grades

Carbon & Alloy Steels

A193 B7, B7M	A194 grade 3
A193 B5	A194 grade 4
A320 L7, L7M	A194 grade 7
A320 L43	1.7218 / 25CrMo4
8.8 / 10.9 / 12.9	1.7225 / 42CrMo4
ASTM A540 B23 Class 1/2/3/4/5	1.7709 / 21CrMoV5-7
ASTM A540 B24 Class 1/2/3/4/5	1.7711 / 40CrMoV4-6
A194 grade 2H	

Stainless Steels

B8 / 304	A2 & A4 class 50-80
B8C / 347H	A8 class 80 / 1.4529
B8M / 316L	UNS S31254 / 254 SMO (Super austenitic)
B8T Class 1 & 2 / 321	Nitronic 50
B6	Nitronic 60
A453 660 A/B/C/D	1.4466 / X2CrNiMoN25-22-2 (Urea Grade)
ASTM A286 (super alloy) / 1.4980	1.4913
17-4 PH / 1.4542 / AISI 630 cond. H 1025 & H 1150	1.4923

Duplex & Super Duplex

UNS S31803	UNS S32760
UNS S32205	UNS S32550
UNS S32750	

Nickel Alloys

Inconel 625, 718, 800HT, 825, 925
Hastelloy C-22, C-276, X
Monel® 400, K500

Non-Ferrous

Titanium Grade 2, 5, 7
Copper-Nickel

Heat Resisting

A193, B16
Durehete 1055
Nimonic 80A, 90



WORKSHOP PRODUCTION & CNC MACHINING

Our mechanical workshop supports standard, custom and small-to-medium series production, including prototypes.



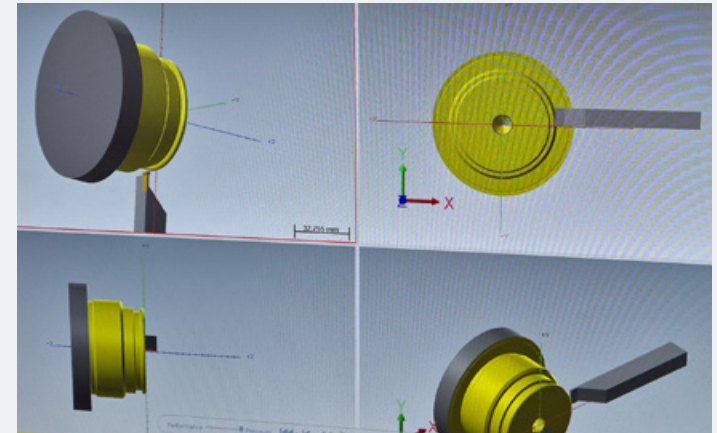
Machining capabilities

- CNC lathes (3, 4, 5 axis)
- CNC milling (4 axis)
- CNC Swiss-type machines (up to 16 axis)
- Thread rolling
- Conventional turning & milling
- Automated & manual sawing
- Laser marking & vibro-etching

Capacity

Diameter: up to Ø 520 mm

Length: up to 1200 mm



HEAT TREATMENT & SURFACE FINISHES

Heat Treatment

- Quenching & tempering
- Normalising
- Solution annealing
- Precipitation / age hardening
- Case hardening
- Nitriding / Nitro-carburising

Coatings & Surface Treatments

- Zinc (clear / yellow passivation)
- Zinc-Nickel
- Hot Dip Galvanising (HDG)
- Sherardising
- Cadmium
- PTFE / Xylan / Teflon
- Zinc & manganese phosphating
- Copper plating



QUALITY ASSURANCE & TESTING

Vastrum operates an authorized in-house mechanical testing laboratory, ensuring full control over quality and traceability.



Testing capabilities

PMI (Positive Material Identification)
Tensile & impact (Charpy) testing
Hardness & proof load
Stress rupture
Ultrasonic testing (UT)
Magnetic Particle Inspection (MPI)
Dye Penetrant Inspection (DPI)
Metallography, macro & micro
Chemical analysis
Intergranular corrosion testing

Documentation

EN 10204 3.1 / 3.2
Certificates of Conformity
Inspection & Test Plans (ITP)
Manufacturing & Quality Plans
Dimensional reports
Third-party inspection: Lloyd's, DNV, TÜV, RINA, BV

CERTIFICATIONS & AUTHORIZATIONS

ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
PED 2014/68/EU
EN 17025
ISO 19443
CNCAN – Nuclear Industry
NORSOK M-630 D59 & D59L
NORSOK M-630 D60 & D60L



INDUSTRIES & APPLICATIONS

We supply fasteners and components used in:

- Pipework, skid units;
- Heat exchangers, boilers, pressure vessels;
- Valves, pumps, actuators, compressors;
- Turbines, engines, wellheads;
- Shipbuilding;
- Offshore;
- Power plants, refineries, fertilizer plants.



Vastrum is a flexible, fast and certified manufacturing partner, capable of supporting complex multinational projects where quality, documentation and delivery reliability are critical. Rooted in Romania. Aligned with global standards. Trusted in critical international projects.



HEAD OFFICE

331 A Mărășești Street
100238 Ploiești
Prahova, Romania
+40 244 517 141
+40 344 569 886

PRODUCTION PLANT

190 Mihai Eminescu Street
107082 Bătești
Prahova, Romania
+40 244 517 141
+40 244 517 350

office@vastrum.ro
www.vastrum.ro