



**NORT  
COMPONENTS**

Your Manufacturing Partner for  
Gears & CNC Parts | Romania

## **Precision Gear Manufacturing & CNC Machined Parts for Industrial Applications**

Complete gear manufacturing, turning & milling from vetted Romanian workshops

Sebes, Romania | Serving Europe

## Who We Are

Nort Components is your manufacturing partner for gear wheels and CNC machined parts, specializing in small to medium batch production for industrial machinery manufacturers across Europe.

## Our Mission

We eliminate the complexity of sourcing high-quality mechanical components by providing a single point of contact, competitive Romanian manufacturing, and reliable quality control.

### Focused Expertise

Specialized in industrial machinery components: precision gears (DIN 3962 class 5-8), shafts, housings, brackets, and complex machined parts.



### Trusted Partner

Network of vetted Romanian CNC workshops with proven capabilities in gear manufacturing, turning and milling parts. Manufacturing is performed in a network of workshops, including ISO 9001 certified facilities, audited for capability and quality.

# What We Offer

## Gear Wheels

Complete gear manufacturing: hobbing (module 0.5-6), gear precision (DIN 3962 class 5-6), heat treatment (up to 62-64 HRC), and testing. Spur gears, helical gears, worm gears, pinion shafts Ø10-330mm.



## CNC Turned Parts

Shafts, axles, bushings, spacers, and precision turned components from Ø10mm to Ø500mm.



## CNC Milled Parts

Housings, brackets, flanges, mounting plates, and complex 3D machined components.



# Why Choose Nort Components?

## **Cost Advantage**

Romanian manufacturing quality at competitive pricing, typically 20-40% below Western European rates while maintaining strict quality standards.

## **Zero-Risk Guarantee**

We take full responsibility for our deliveries. Any part that does not meet the agreed drawing specifications will be reworked or replaced at our expense.

## **Single Point of Contact**

One partner for all your RFQs, technical clarifications, quality control, and delivery coordination—simplifying your supply chain.

## **Quality Assurance**

Pre-vetted workshops, dimensional inspection, material certificates, and documentation to your specifications.

## **Flexible Batch Sizes**

From prototypes and small series (10-50 pcs) to medium production runs (500-5,000 pcs)—ideal for machinery OEMs and industrial equipment manufacturers.

## How We Work

- ✓ **Step 1: RFQ Submission** — Send us your drawings (PDF, STEP, DWG) and specifications. We respond within 24-48 hours with a quote.
- ✓ **Step 2: Technical Clarification** — Our team reviews drawings, confirms tolerances, materials, treatments, and quantities with you.
- ✓ **Step 3: Production Planning** — We select the optimal workshop from our network based on capability, lead time, and cost.
- ✓ **Step 4: Manufacturing** — CNC machining with in-process quality checks and dimensional control at critical stages.
- ✓ **Step 5: Quality Control** — Final inspection, measurement reports, material certificates, and photo documentation before shipment.
- ✓ **Step 6: Delivery** — Logistics coordination, proper packaging, and delivery to your facility (Ex Works, DAP, or DDP terms available).



## Technical Support

We work closely with your engineering team to optimize designs for manufacturability, suggest cost reductions, and provide value engineering input.

# Industries We Serve & Capabilities

## Target Industries

- ✓ Packaging machinery (food, pharma, beverage)
- ✓ Industrial automation & robotics
- ✓ Machine tools & manufacturing equipment
- ✓ Gearbox manufacturers
- ✓ Power transmission systems
- ✓ Material handling & conveying systems

## Technical Capabilities

- ✓ Materials: Steel (case hardened up to 62-64 HRC), stainless steel, aluminum, brass, bronze
- ✓ Tolerances: Machining 0.01-0.03mm, grinding 0.002mm, gear class 5-8 (DIN 3962)
- ✓ Heat treatment: Case hardening, annealing, tempering (in-house furnaces)
- ✓ Gear specs: Module 0.5-6, Ø10-330mm, 6-999 teeth, gear grinding & testing available
- ✓ Documentation: Material certs, measurement reports, gear inspection reports, FAI

# Let's Work Together

## Contact Nort Components

**Location:** Sebes, Alba County, Romania

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**Phone:** +40 747 083 833

Services: RFQ response within 24-48 hours

## Ready to Get Started?

Send us your drawings and specifications today. Whether you need a quick quote for a prototype or a production partner for ongoing supply, we're here to simplify your sourcing and deliver quality components on time.

**Nort Components** — Your Partner Gears and CNC Parts in Europe

*For immediate assistance or technical inquiries, please contact us at [gheorghe.todescu@nortcomponents.com](mailto:gheorghe.todescu@nortcomponents.com)*