



NAE-DEFENSE

NORTH AMERICAN EAGLE LLC

ENGINEERING & PRECISION MACHINING

Your next part. A practical path to production.

American engineering support. Turkish machining. One coordinated commercial interface.



FROM DRAWING TO DOCUMENTED DELIVERY

NAE connects your requirements with engineering and manufacturing resources, aligning technical review, source selection, inspection and delivery around your purchase order.



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PRECISION MACHINED PARTS

Individual parts. Precision in every feature.

Bring NAE the drawing, material, quantity and acceptance requirements. We coordinate the review needed to establish a suitable manufacturing path.



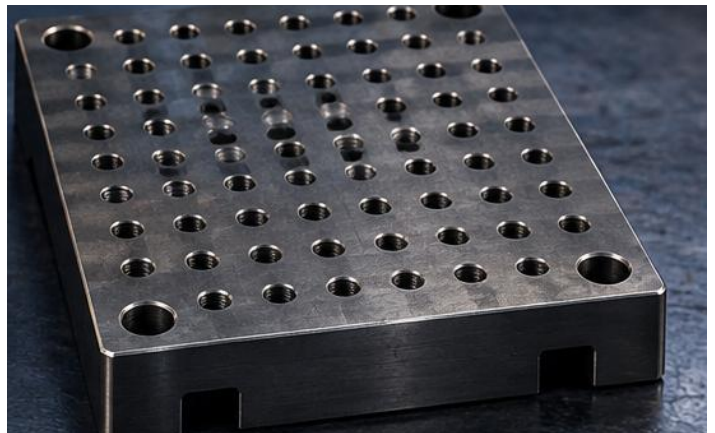
MACHINED MANIFOLDS



MACHINED BRACKETS



PRECISION SHAFTS



PRECISION FIXTURE PLATES



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MACHINED COMPONENT FAMILIES

Complex geometry. Clear requirements.

A drawing-led approach to the features that matter: datums, fits, material, finish and inspection.



MILLING

Housings, brackets, plates and fixtures



COMPLEX FEATURES

Precision plates, fixtures and machined features



TURNING

Shafts, sleeves, rings, bushings and flanges



PROCESS SUPPORT

Finishing, marking and inspection coordination



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TURKISH PRODUCTION / PROJECT EVIDENCE

A finished part. A documented process.



ACTUAL TURKISH PRODUCTION LOT



PROJECT SPOTLIGHT

From production to review

The supplied project material shows a completed production lot and hands-on inspection of a drum component in Türkiye, under U.S. engineering oversight.

For each new requirement, agree the drawing revision, quality evidence and acceptance criteria before production begins.



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ENGINEERING & PRODUCTION COORDINATION

Start with the print. Build with a plan.



ENGINEERING SUPPORT

Resolve the details early.

Build to print

Review revision, material, tolerances, finish and acceptance requirements.

Authorized reverse engineering

Measure or scan an authorized component, develop models and technical data, and obtain customer approval.

Manufacturability review

Coordinate process sequence, tooling and inspection planning with the selected source.

REVIEW / RELEASE / VERIFY / SCALE

Release production against agreed criteria. Verify the first article or sample and critical features before scaling to the approved lot.



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PRODUCTION NETWORK / REPRESENTATIVE EQUIPMENT

Match the machine to the requirement.

Representative machine envelopes from the supporting network. Final equipment assignment and available capacity are confirmed for each RFQ.

5-axis milling

800 x 1,250 x 1,800 mm

4-axis vertical milling

1,000 x 600 x 550 mm

4-axis rotary milling

860 x 600 x 600 mm

Vertical milling

1,000 x 500 x 570 mm

CNC turning

Ø350 x 600 mm; Ø65 mm bore

Sinker EDM / C-axis

600 x 400 x 500 mm

SUPPORTING PROCESSES

EDM / Welding / Grinding / Marking / CMM inspection

Heat treatment and coating coordination, material traceability and certificates of conformity are defined by the purchase order.



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QUALITY / INSPECTION / TRACEABILITY

Confidence comes with evidence.



DEFINE THE CHECKS BEFORE PRODUCTION

01 CONTROL THE REVISION

Ballooned drawing and characteristic map tied to the agreed drawing revision.

02 VERIFY THE FEATURES

CMM and hand-gage results against nominal values, tolerances and acceptance criteria.

03 RELEASE WITH RECORDS

Certificate of conformity and material/lot traceability; first article inspection when specified.

Supplier certifications are checked for site, scope and RFQ applicability. Qualifications belong to the selected resource, not automatically to NAE.

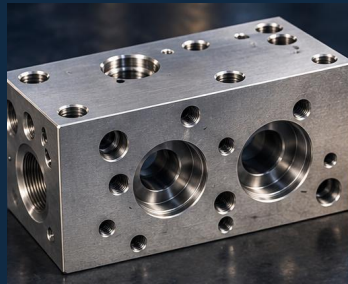


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YOUR NEXT REQUIREMENT

Bring the requirement. Let's define the solution.



SEND A COMPLETE RFQ

Drawing and revision / Material / Order quantity
Required finish / Delivery date / Inspection requirements



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TECHNICAL DATA & EXPORT CONTROL

Identify handling restrictions before submitting controlled files. Technical data release and transfers to foreign persons require applicable authorization. Scope, responsibilities and acceptance criteria are established in the quotation and purchase order.