SECOND DESK

INTERNATIONAL ADVISORY

OEM components

Repeatable component supply against controlled engineering data

INDUSTRIAL EQUIPMENT & MACHINERY



AI-generated illustration | not an actual project reference

Product scope and commercial role

TECHNICAL SCOPE

- Machined parts
- Cast or fabricated items
- Assemblies
- Standard and bespoke components

SECOND DESK ROLE

Technical-commercial qualification, market development and manufacturer or partner coordination.



Source: Second Desk website | sector image, not project evidence

Product specification and buyer inputs

INPUTS REQUIRED BEFORE A COMPARABLE QUOTATION

- Approved drawings
- Tolerances
- Rev level
- Annual volume
- Material grade
- Critical characteristics

Confirm approved sample, specification revision and acceptance method before releasing volume.

Construction and selection criteria

DESIGN REVIEW POINTS

- Fit and interchangeability
- Datum structure
- GD&T
- Surface treatment
- Process capability

Selection trade-off

Critical dimensions require controlled datums and measurement method. Agree revision control and first article scope before volume release.

Project drawings, tolerances and design details remain subject to the responsible supplier or engineer.

Representative technical section



AI-generated technical concept | not to scale or for fabrication

DETAILS TO CONFIRM WITH QUALIFIED SUPPLIER

- Fit and interchangeability
- Datum structure
- GD&T
- Surface treatment

Confirm the actual construction and dimensions from controlled supplier drawings or approved samples.

Manufacturing route and control points

Conceptual sequence for technical discussion. Actual layout and interfaces depend on the approved specification.



Approved inputs

Approved drawings / Rev level

Batch and product verification

First article fit and functional test / Production approval with agreed inspection frequency

Production and processing stages



AI-generated manufacturing scene, illustrative only

TYPICAL CONTROLLED WORKFLOW

01 Material receipt

02 Machining or forming

03 Deburr and clean

04 Finishing

05 Final assembly

Inspection and quality control

TYPICAL QUALITY CONTROL POINTS

01 Material certificate

02 FAI

03 Dimensional report

04 Gauge calibration

05 Batch traceability



AI-generated sector inspection scene; illustrative only

Inspection methods, sampling, hold points and sign-off depend on the order and approved quality plan.

First article and production acceptance

First article inspection

- Material certificate
- FAI
- Dimensional report
- Gauge calibration
- Batch traceability

Production release

- First article fit and functional test
- Production approval with agreed inspection frequency

Define sampling or approval method, approval authority and disposition of nonconforming product in writing.

Fit and application verification



AI-generated application scene; illustrative only

APPROVAL OR SITE HANDOFF

01 Check mating parts and clearances

02 Handling and installation requirements

03 Approved change control

Packing, logistics and delivery

PRODUCT-SPECIFIC PACKING CHECKS

01 Protect surfaces

02 Use part identification and lot segregation

03 Corrosion and damage protection

Define the Incoterms® rule, named place, export documents, insurance responsibilities and site receipt process in the commercial agreement.



AI-generated logistics scene; illustrative only

Technical and commercial risk review

Review process capability for critical characteristics and lot segregation for material traceability.

Reference control

Compare samples, lot traceability and buyer-approved specification.

Quality evidence

Request relevant test records, rejection policy and change control.

Delivery risk

Confirm order size, production window, packing and delivery programme.

Responsibilities across the supply chain

BUYER / SPECIFIER	SECOND DESK	MANUFACTURER / FABRICATOR
Defines product, approved samples, compliance, acceptance and delivery requirements.	Clarifies the opportunity, coordinates supplier qualification and keeps technical-commercial follow-up moving.	Owns engineering or product development, production, quality evidence, pricing and contractual supply.

Supplier names, manufacturing capability, certificates, references and country-specific approvals are verified for each enquiry; no standing partner or factory is implied.

RFQ and evidence package

01	**Part definition**	Approved drawing revision, material, GD&T, critical characteristics and volume.
02	**Supplier evidence**	Manufacturing process, FAI approach, gauge records and material traceability.
03	**Commercial offer**	Batch and annual quantities, tooling, lead time, pricing and shipment terms.
04	**Order control**	First article approval, production inspection, packaging, change control.

SECOND DESK

INTERNATIONAL ADVISORY

Discuss your next requirement

Share the application, target market or project, technical specification and expected delivery scope.

seconddeskinternational.com

Contact form: seconddeskinternational.com/#contact | Denizli, Türkiye | Meetings by appointment

SOURCE AND EVIDENCE NOTES

Second Desk sector page • ISO 12100: machinery risk assessment and reduction • ICC Incoterms® guidance

Visuals: generated sector illustrations and Second Desk website imagery. Project provenance, supplier capabilities and certification remain unverified unless separately confirmed.