Gear RFQ Worksheet

Record buyer requirements for one part and drawing revision. Refer to the released drawings for detailed specifications.

Use drawing callouts or file references where detail exceeds the space.
Write 'to be confirmed' for unknown requirements or 'not applicable' where appropriate.

Part definition and tooth geometry

G01 Drawing / model reference, revision and units
Identify the part and the controlled drawing or model files.

G02 Enquiry stage and quantities
Separate sample, batch and annual quantities; identify the order stage.

G03 Material specification and blank condition
State the grade, governing specification, blank type and supplied condition.

G04 Heat treatment and surface requirements
Reference treatment, hardness, case-depth definition and protected surfaces.

G05 Gear type
Identify the gear type and the drawing features included in the enquiry.

G06 Tooth standard, edition and requested grade
Copy the applicable drawing standard, edition and grade definition.

G07 Module or diametral pitch
State the specified module or diametral pitch and its units.

G08 Tooth count
State the tooth count or reference the relevant drawing callout.

G09 Pressure angle; helix / spiral angle and hand
Reference the angles and hand specified for this gear.

G10 Face width
State the drawing-defined face width or reference its callout.

Save a completed copy and send it with authorized drawings through the existing Email RFQ and Drawings route on the contact page.

Contact / Email RFQ and Drawings

Entries are buyer requests for quotation review.

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Interfaces, acceptance and supply requirements

G11 Profile shift, tooth modifications and root / tip requirements
Reference the required geometry; mark unresolved definitions.

G12 Mating component and assembly requirements
Reference mating data, mounting distance, backlash or pairing requirements.

G13 Operating conditions, where available
Provide torque, speed, duty, lubrication and environment requirements.

G14 Functional datums and feature relationships
Reference the required bore, journal, face and tooth relationships.

G15 Characteristics and acceptance limits to be checked
Reference specified tooth deviations, dimensions and surface requirements.

G16 Requested methods, sampling and reports
List required checks, report formats, certificates and traceability records.

G17 Requested delivery, destination and packaging
State the requested date and protection, marking or packaging requirements.

G18 Requested supply scope and responsibility
Identify customer-supplied items and the blank, machining or treatment scope.

G19 Previous sample / order and requested changes, if applicable
Give the prior reference and identify changed revision, route or deliverables.

G20 Open requirements / decisions needed
Write 'to be confirmed' where needed; identify who can confirm, if known.

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