

Cutting Tool RFQ Preparation Checklist

Version 1.0 | July 2026

Purpose

This checklist helps distributors, machine shops and industrial buyers prepare the technical and purchasing details needed for cutting-tool model matching. It does not confirm final availability, geometry, grade, coating, price, delivery or application suitability. KENFA reviews those items against the selected model and buyer application before quotation.

Use this document before opening the KENFA RFQ form. Complete only the sections relevant to your inquiry, then attach drawings or reference photos when they are needed for technical review.

- [] Select the closest product family and copy any known model or designation exactly.
- [] Describe the operation, workpiece material and required feature or finished dimension.
- [] Record the machine, spindle, holder or tool-interface limits that affect fit.
- [] Add quantity, annual demand or evaluation quantity without including unnecessary personal data.
- [] Remove unrelated confidential information from drawings and photos before upload.

RFQ: www.kenfatools.com/request-a-quote/

Email: sales@kenfatools.com

1. Universal RFQ Inputs

Start with these fields for every inquiry. Unknown values can be marked as not available; do not guess dimensions or compatibility.

- [] Product family and exact current model, insert code, holder code or tool marking.
- [] Operation: turning, boring, grooving, threading, milling, drilling, forming, burnishing or inspection.
- [] Workpiece material, grade and hardness when known.
- [] Feature dimensions, tolerance, finish target and interrupted or continuous condition.
- [] Machine model, spindle or turret interface, holder size, available reach and clearance.
- [] Current tool, insert or holder and the reason for replacement or review.
- [] Coolant method and current cutting conditions only when they are known and relevant.
- [] Evaluation quantity, order quantity or estimated annual demand.
- [] Drawing, model photo, application photo or current-tool photo with unrelated data removed.
- [] Country or region and preferred response method for quotation follow-up.

Do not infer

A catalog image or model-family name does not by itself confirm dimensions, grade, coating, holder compatibility, stock, cutting parameters or performance. Keep those items pending until the exact model is reviewed.

2. Product Family Quick Map

Use the website family route for buyer guidance and reference images. Copy the family slug only as navigation context, not as a final model specification.

Product family	Information to include before model matching	Website route
Cutting Inserts	ISO insert designation; Workpiece material and operation; Geometry or chipbreaker; Compatible holder; Quantity and current machining issue	/products/cutting-inserts/
Grooving Tool Holders	Insert or blade family; Groove width and depth; Holder hand and machining direction; Shank dimensions; Current holder code or photo	/products/grooving-tool-holders/
Boring Tools	Hole diameter and depth; Boring operation and angle; Shank size; Workpiece material; Tolerance and drawing	/products/boring-tools/
Milling Cutter Series	Workpiece material and hardness; Diameter and flute count; Milling or drilling operation; Coolant method; Current tool model and issue	/products/milling-cutter-series/
Shanks And Cutter Heads	Machine or holder interface; Cutter diameter; Insert family; Shank dimensions and reach; Current assembly photo or drawing	/products/shanks-cutter-heads/
Boring Sleeves	Supported boring tool; Sleeve outside diameter; Internal bore; Overall length and clamping method; SHB or TSHB reference	/products/boring-sleeves/
Knurling Tools	Pattern and pitch; Workpiece diameter and material; Machine type; Tool orientation and available space; Drawing or sample image	/products/knurling-tools/
Hobbing Knives	Profile and module or pitch; Workpiece material; Machine type; Tool dimensions and tolerance; Technical drawing	/products/hobbing-knives/
Punching Tools	Workpiece material; Hole or profile; Dimensions and tolerance; Machine or station details; Quantity and drawing	/products/punching-tools/
Roller Burnishing Tools	External diameter or bore; Workpiece material; Current and target surface condition; Machine type and tool reach; Drawing and quantity	/products/roller-burnishing-tools/
Plug And Ring Gauges	Thread standard; Nominal size and pitch; Tolerance class; GO or NO-GO requirement; Quantity and documentation need	/products/plug-ring-gauges/
Forming Taps And Dies	Thread standard, size and pitch; Workpiece material; Blind or through-hole condition; Machine type; Drawing and quantity	/products/forming-taps-dies/
Diamond And PCD Tools	Workpiece material; Operation and tool form; Dimensions and edge geometry; Finish requirement; Machine interface	/products/diamond-pcd-tools/
Grooving Inserts And Blades	Model or blade geometry; Groove width and depth; Workpiece material; Machining direction and holder; Drawing or sample for custom tools	/products/grooving-inserts-blades/
Cylindrical Tool Holders	Compatible insert family; Holder hand and approach angle; Shank width and height; Overall length and machine setup; Current holder code or drawing	/products/cylindrical-tool-holders/
Indexable Milling Cutters	Operation; Cutter diameter; Insert model; Arbor or shank interface; Workpiece material and machine limits	/products/indexable-milling-cutters/

3. Turning, Boring And Grooving

Buyer input	What to provide
Insert designation	Copy every letter and number exactly. Add chipbreaker or geometry marking only when visible.
Holder or blade	Provide the current holder code, hand, shank size, insert seat or blade family and machine position.
Bore or groove	State starting and finished diameter, depth, width, corner/profile details, tolerance and entry clearance.
Operation	Identify OD/ID turning, boring, profiling, threading, grooving, parting, face grooving or interrupted cutting.
Application evidence	Attach a drawing or clear photos of the part, current tool and tool marking when interface matching is required.

4. Milling, Drilling And Cutter Bodies

Buyer input	What to provide
Tool type	State solid end mill, drill, indexable cutter, face mill, modular head or special cutter.
Size	Provide diameter, flute count, cutting length, overall length, shank or arbor dimensions and required reach.
Material and operation	State workpiece material/hardness plus slotting, side milling, profiling, finishing, drilling or hole depth.
Machine context	Provide spindle interface, speed/power limits, coolant method, runout concern and available holder.
Current result	Describe wear, breakage, chatter, chip evacuation or finish issue without claiming an unverified target improvement.

5. Holders, Sleeves And Interfaces

Buyer input	What to provide
Machine side	Specify spindle, turret, collet, bore or holder interface and the available clamping length.
Tool side	Specify insert family, cutter body, boring bar, sleeve bore, shank dimensions and required orientation.
Envelope	Provide overall length, projection, reach, clearance and interference limits.
Reference	Attach current assembly photos, model codes or a drawing showing all mating dimensions.

6. Forming, Inspection And Custom Tools

Buyer input	What to provide
Thread or profile	Provide standard, nominal size, pitch/module, tolerance class, GO/NO-GO need or full profile drawing.
Part and material	State workpiece material, starting condition, final feature and relevant heat-treatment state.
Machine or station	Identify machine type, station, direction, stroke/clearance and available interface.
Acceptance	Define inspection method, markings, documentation or sample requirement without assuming certification.
Custom geometry	Provide a controlled drawing, revision and critical dimensions; do not rely on a verbal description alone.

7. File And Submission Check

- [] Accepted website attachment types: PDF, JPG, PNG or WebP, maximum 5 MB per RFQ submission.
- [] Use a clear filename such as part-number_revision or current-tool_model.
- [] Remove personal IDs, financial records and unrelated confidential content.
- [] Mark critical dimensions and units. Keep the original drawing revision visible.
- [] For photos, include one overall view, one marking view and one interface/detail view when available.
- [] Keep a local copy of every file submitted for quotation review.

Submit

Open www.kenfertools.com/request-a-quote/ and enter the product family, operation, workpiece material, machine/interface, quantity and requirement summary. Attach only the files needed for technical review.

Privacy

Review www.kenfertools.com/privacy-policy/ before sending drawings or photos. The website attachment is sent with the inquiry email and is not added to the public Media Library.

Document control

Document	Version	Date	Status
Cutting Tool RFQ Preparation Checklist	1.0	2026-07-12	Public buyer resource