



HOW TO PREPARE A COMPLETE QY RFQ

Complete every field below. QY reviews the submitted drawing and requirements; load, tolerance, compliance, stock and delivery are confirmed only in QY's written quotation and released supporting documents.

1 APPLICATION

State interior/exterior use, pedestrian/cart/vehicle traffic, design loads, temperature, corrosion, drainage and project code or accessibility requirements.

2 CONSTRUCTION TYPE

Select standard- or heavy-duty welded, press-locked, swage-locked, clinched or drawing-defined construction; QY confirms the manufacturing route in quotation.

3 SERIES / DESIGNATION

Give the QY or project designation. Decode bar size, bearing-bar centers, cross-bar centers, construction, bar shape and surface state.

4 PRODUCT SPACING

State bearing-bar and cross-bar spacing center-to-center plus any clear-opening requirement. Do not rely on a regional series code alone.

5 MATERIAL / GRADE / FINISH

Identify material grade and material standard, then untreated, hot-dip galvanized, paint or coating requirement and governing finish standard.

6 BEARING BAR SIZE & SHAPE

Give height x thickness, rectangular/I-bar/T-bar/serrated or drawing-defined shape, and mark the bearing direction on the drawing.

7 SURFACE & OPEN AREA

Specify smooth, serrated, grooved or other surface plus open-area, drainage, airflow, visibility, dropped-object or clear-opening requirement.

8 SPAN & LOADS

Show bearing direction, support lines, end bearing and clear span; give uniform/concentrated load, footprint and required deflection limit.

9 SIZE, FORM & QUANTITY

List panel width x length, piece marks and quantity; identify areas, stair treads and random/uniform/equal-stub cuts, plus required panel splits.

10 FABRICATION / SPECIAL WORK

Show banding, notching, cutouts, toe plates, frames, load-carrying edges, non-standard tolerances and drawing-controlled details.

11 ACCESSORIES & FIXING

List clips, fasteners, hardware, carrier plates and brackets with material, finish, quantity and fixing method where known.

12 INSPECTION DOCUMENTS

State inspection level and required standard, material certificate, appearance/dimension record, zinc record and load report.

13 PACKING, MARKING & DESTINATION

Provide bundles/pallets, protection, piece marks, traceability, mixed-item rules, destination and loading/unloading constraints.

14 DELIVERY / COMMERCIAL BASIS

State delivery area and quantity, theoretical/net/gross weight basis, required delivery terms and any contract settlement basis.

YB/T DESIGNATION DECODER

G405/30/100U

40 x 5 mm bearing bar | 30 mm bearing centers | 100 mm cross-bar centers

Welded construction (W may be omitted) | Rectangular bar (F may be omitted) | Untreated surface (U)

YB/T 4001.1-2019 CONTROL POINTS - WHEN THE STANDARD IS SPECIFIED

DIMENSIONS

Width tolerance ± 5 mm; rectangular-panel diagonal tolerance not greater than ± 5 mm.

WORKMANSHIP

Longitudinal bow $\leq L/200$; transverse bow $< W/100$.

SERVICEABILITY

At design load: deflection $\leq L/200$ and ≤ 4 mm; residual after unloading $\leq L/1000$.

BATCH INSPECTION

Appearance/dimensions: 10%, minimum 3; zinc thickness: minimum 3; static load: minimum 1.

QUALITY CERTIFICATE

List standard, grade, designation, finish, appearance/load report and batch weight; raw-material certificate if required.

TRACEABILITY

Mark product or packing with maker code, designation, standard and a traceable item/batch code.

Summary source: YB/T 4001.1-2019 §§5-11 and Annex A. Use the licensed standard, approved drawing and contract for acceptance.

SEND A QUOTABLE RFQ PACK

Layout/fabrication drawing | loads and clear span | material/finish | panel marks and quantity | inspection documents | packing and destination

BATCH-SPECIFIC EVIDENCE TO REQUEST

For a released order, request the applicable quality certificate, material certificate, appearance/dimension records, zinc record and load report. Availability, test scope and acceptance basis must be stated in the quotation or contract; a blank template is not evidence.



LOAD & SPAN
GUIDANCE



SEND DRAWINGS
& REQUEST QUOTE

Scan or click - qymetaltech.com

Engineering boundary: this guide supports RFQ preparation, not structural approval. Final suitability, load capacity, code/accessibility status, tolerances and records apply only to the quoted configuration and released project documents.