

Checklist: How to Choose a CNC Swiss Screw Machining Partner



If your part is complex, requires the use of a challenging material, is expensive, requires part-to-part consistency or extremely tight tolerances, you will want to review your CNC Swiss screw machining partner options carefully. Here are some things to ask each potential partner on your list.

Cost-saving Analysis

Vallorbs provides FREE machining cost-saving analysis during the RFQ stage to identify ways in which we can help you reduce costs through efficient planning of machining. Do your other partners provide this?

Concurrent Engineering

Does the CNC Swiss screw machining partner assist with DfM while your part is being designed?

Prototype Development

Does the machining partner work with the engineer during part design to develop prototypes that are efficient to machine?

Tolerance Limits

What is the maximum tolerance that the machining company will guarantee? Will the partner work with you to identify the correct tolerance that is needed? Will the partner tell you if your tolerance can be reduced without impacting functionality as a proactive cost-saving measure?

Maximum Part Diameter

What is your maximum part size need?

Run Size Capability

Does the partner handle small, medium or large volume work? What is the partner's typical volume range?

	Vallorbs	Other
Cost-saving Analysis	Yes	?
Concurrent Engineering	Yes	?
Prototype Development	Yes	?
Tolerance Limits	+/- .0001	?
Maximum Part Diameter	1.250"	?
Run Size Capability	—	?

Most engineers choose Vallorbs because of Vallorbs' unique approach to machining efficiency for maximum cost savings combined with the highest levels of consistent quality. As a three-time recipient of the Westinghouse Supplier Excellence Award, backed by 70+ years of experience, Vallorbs is an obvious choice for difficult parts that need to be made with precision.

Consistent performance. Value-added engineering assistance to identify potential cost savings. Responsive, experienced team. When the part is complex, Vallorbs makes it simple.

Submit your RFQ:
vallorbs.com/quote

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Call Ken to discuss:
717-392-3978

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Materials

Plastic
Standard Metals
Exotic Materials: Stainless Steel
Inconel®
Titanium
Zircaloy
Kovar®

Delivery Record

Don't just ask for the delivery record. Ask for references and about how a company plans to meet delivery requirements while maintaining a high level of part-to-part consistency and quality.

Defects

Consider the defect rate in tandem with the delivery record.

RFQ Response Time

How quickly a partner responds to your RFQ can be an indicator of the type of collaboration and communication you can expect throughout the process. Look for partners who provide suggestions or ideas for cost-saving as part of their RFQ response.

Vallorbs

Other

Yes
Yes
Yes
Yes
Yes
Yes
Yes

?
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?
?
?

100% commitment to on time

?

As low as 0.14%

?

48 hours

?



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