

National Metal Stampings, Inc.

Frequently Asked Questions

What exactly is "short run metal stamping"?

"Short run metal stamping" is a method of making tools and dies by using inserts in master holders and fixtures instead of using conventional die sets. This cuts the tooling charge and lead times dramatically.

How many parts will this tooling produce?

Our short run tooling is guaranteed for the life of the job. You never have to pay for repair or maintenance.

Why would you use the short run method over sheet metal or conventional tool and die practices?

Our method of making insert tooling allows us to facilitate smaller quantity runs over conventional metal stamping methods due to the low cost of the tooling. We can also cut the lead time of a new job dramatically over conventional tooling. Short run metal stamping versus sheet metal is all about cost. On a part under 12in. x 12in. our method could be cheaper than a sheet metal shop by 50% or more.

What about metal stamping part quality?

Our methods of tooling will produce the same or better quality than all other methods of fabrication.

How much does the tooling cost?

We refer to the tooling charge as a NREC (Non-Recurring Engineering Charge). For a simple flat part with round holes about 2in x 4in, we would charge about \$250.00. As the parts become more complex, the NREC gets higher, but is still the most economical way to build tooling that will last for the life of the job.

What is an average quantity run?

We have noticed over the 35 years we have been in business that 1,000 pieces is approximately the average per order. We will run a few as 50 pieces per order and we have some customers that order 30,000 at a time.

What is your normal lead time?

Our normal lead time for reorders is 3-4 weeks. Orders requiring tooling can be 5-10 weeks depending on how complex the part is.

What is your capacity?

We have presses from 35 to 200 ton capacity.

Do you do any processing in your facility?

We will do all secondary processes in house (drilling, tapping, machining etc.) We do not provide any heat treating, plating or finish processing in house.

Can you work to my sample?

Yes, we can work to a sample, print or electronic file.

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Can you provide first articles?

We will provide first articles if you request them. Please state that on the RFQ and PO.

Do you Kanban parts?

Yes, National Metal Stampings has several stocking programs available.

Can I supply material?

Yes, either you can supply material or we can.

Do you have design capabilities?

Yes, we would be delighted to help in the design of your parts. Please contact us as early as possible in the design process.

What material types can you work with?

Some of the more common materials we work with include:

Aluminum

Brass

Phosphor Bronze

Beryllium Copper

All Carbon steels

Copper

Beryllco

Nickel Silver

Stainless steel

Most plastics that can be stamped

And with a wide range of finishes and tempers.

What is your quality control system based on, and is it certified?

Our quality control system is based on ISO 9001:2000. Though our QC system is not ISO 9001 certified at this time, we take every step to insure the ISO guidelines are followed through constant training to system upgrading and auditing.

Can you supply RoHS compliant parts?

In most cases, we can. Our company has worked closely with our suppliers to provide a variety of RoHS compliant processes.

Can you comply with DFARS 252.225-7014, Alt 1?

Yes, our company can certify to the DFARS "Specialty Metals" clause as long as it is specified on your purchase order.