



Asgard Engineering Limited

FOUR STAR QUALITY

Last year we announced that we had increased the number of lathes in the factory from 3 to 4. This year we will be further expanding our capacity by 25% with the addition of another 32 mm sliding head machine from STAR.

The increase in workload and has been rising steadily since the start of 2010 to a point where even with the provision of double shifts we had to look to provide extra capacity. The only viable solution to this is by the addition of an extra sliding head machine.

From the start of September, our plant list will be:

STAR SB-16
STAR SR-20 RIII
STAR SR-32J
STAR SR-32J (NEW)
DOOSAN PUMA 240 MS

All machines are bar fed. The smallest precision parts we have turned were a mere 0.5 mm Ø. A maximum diameter of 65 mm Ø can be handled and parts can be produced in lengths up to 1 metre.

All of these sizes can be produced to tolerances of +/- 0.02 mm.

Complexity is not really an issue for us as all machines have sub-spindles; cross milling and cross drilling capability meaning parts are ejected from the machine fully finished.

We can produce your parts in virtually any metal: Stainless Steel, Titanium, FeNiCo, Duplex Steels, Inconel®, Aluminium & Brass. We also produce precision turned parts in a variety of plastic materials when required.



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PROUDLY MADE IN BRITAIN

Here at Asgard we pride ourselves on our quality. This is reflected in our customer base that includes many Orthopaedic and Surgical companies with whom we are a partner of choice when it comes to producing precision turned parts.

If you have had or know anyone who has had joint replacement surgery recently, there is a good chance that some of the equipment used was produced here in Hyde, Great Britain.

Many of you may have seen the recent BBC Panorama programme "Surgery's Dirty Secrets" which exposed how some manufacturing companies allow an unskilled, un-regulated outsourced work-force sometimes in very unhygienic conditions to produce their surgical steel instruments and in some occasions mislead the final customer in respect of the raw materials' origins.

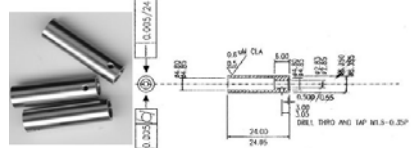
This is not only unacceptable; it was shown how this could be potentially fatal! To further strengthen our place in the medical supply chain we are in the process of moving towards the medical standard; ISO 13485. This will give customers complete re-assurance and full traceability all the way back to the European foundries where the steel is produced.

NEW INTERNET SITE

We have just recently had our website completely updated with more pages and content including new sections.

In response to suggestions and requests by our customers we have added a 'contact us' section 'quote me', more images of the precision parts we make here on a regular basis (and some unusual ones too!).

We have put a new 'materials' section in giving you access to metal properties including their chemical composition, mechanical and physical properties to enable our customers to see the wide range of materials we process.



There are the familiar sections on Quality and Engineering with more detail now included within these pages and you can find out about each one of our CNC machines to enable you to get a better understanding of how we can repeat our high quality work with ease.

DEFINITION: pre-ci-sion [pri-sizh-uhn]

Noun:

1. The state or quality of being precise; exactness.
2. a. The ability of a measurement to be consistently reproduced.
b. The number of significant digits to which a value has been reliably measured.

Adjective (example)

Made so as to vary minimally from a set standard: precision components.



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