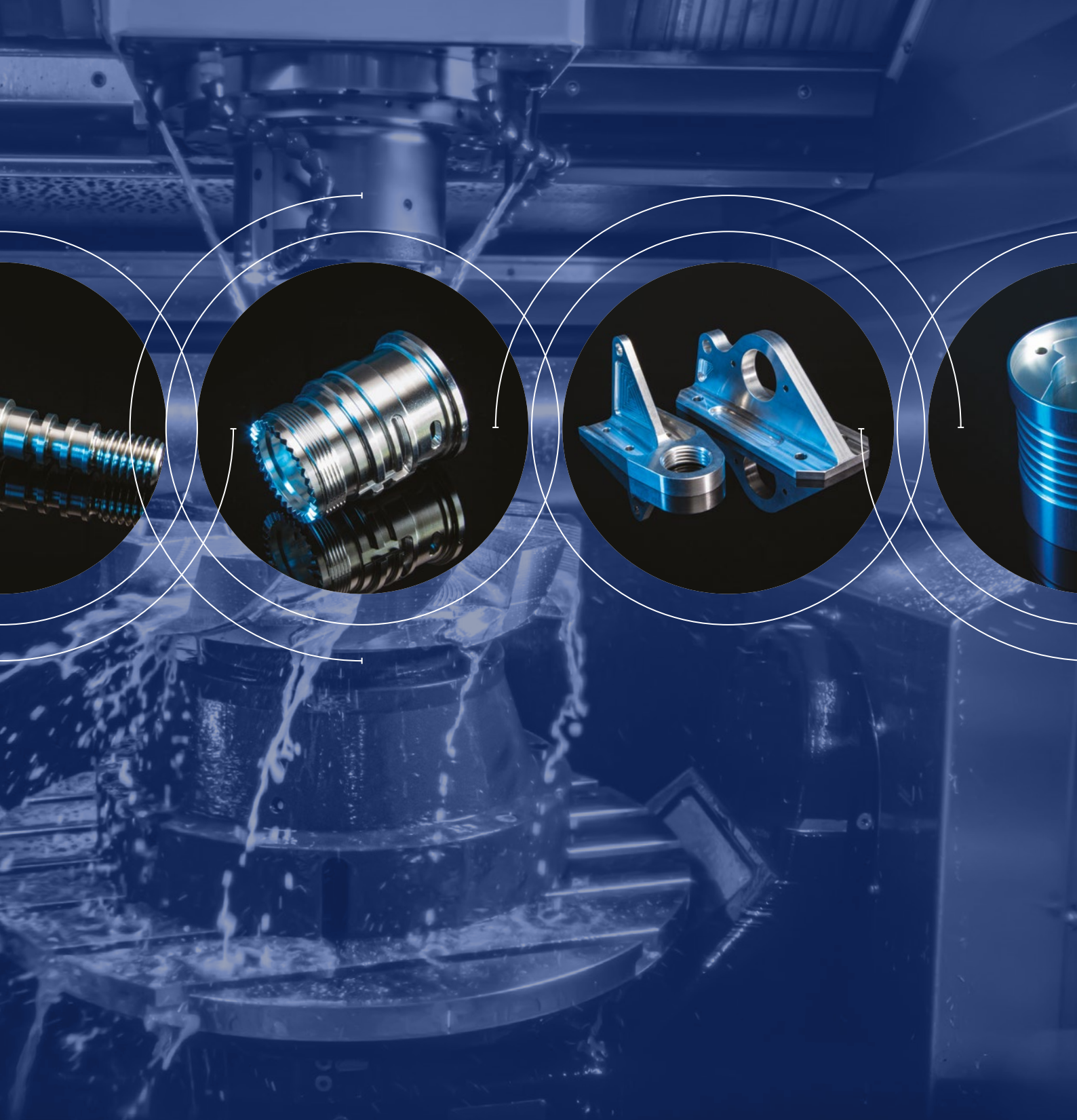




TECHNO[®]TURN
Precision Engineered Solutions



Introducing Technoturn

Established in 1995, Technoturn is a leading sub-contract manufacturing business based in the south-east of the UK, and specialises in the production of high precision machined components and assemblies.

Utilising our AS9100 Quality Management System, we ensure that the products we manufacture meet the highest quality standards as required by our customers. Offering both fixed head and sliding-head turning capability alongside 3, 4 and 5-axis milling, we can accommodate a wide range of machined-part requirements.

In addition to manufacturing machined parts, we also offer high-precision mechanical assembly services, reducing our customers in-house processing requirements.

Our priority is to deliver a comprehensive service that is tailored to best suit the requirements of each customer – whether it's a simple low-volume machined-part for development purposes, through to high-volume complex assemblies despatched from stock against a KANBAN agreement, or anything in-between!

In addition to our in-house services, we also offer a wide range of secondary services through established sub-contract partners including heat-treatment, plating and painting. We manage these external processes with the same level of care and attention to detail that we apply to our in-house processes, meaning that our customers can be assured that we always hit the mark when it comes to quality, service and price.



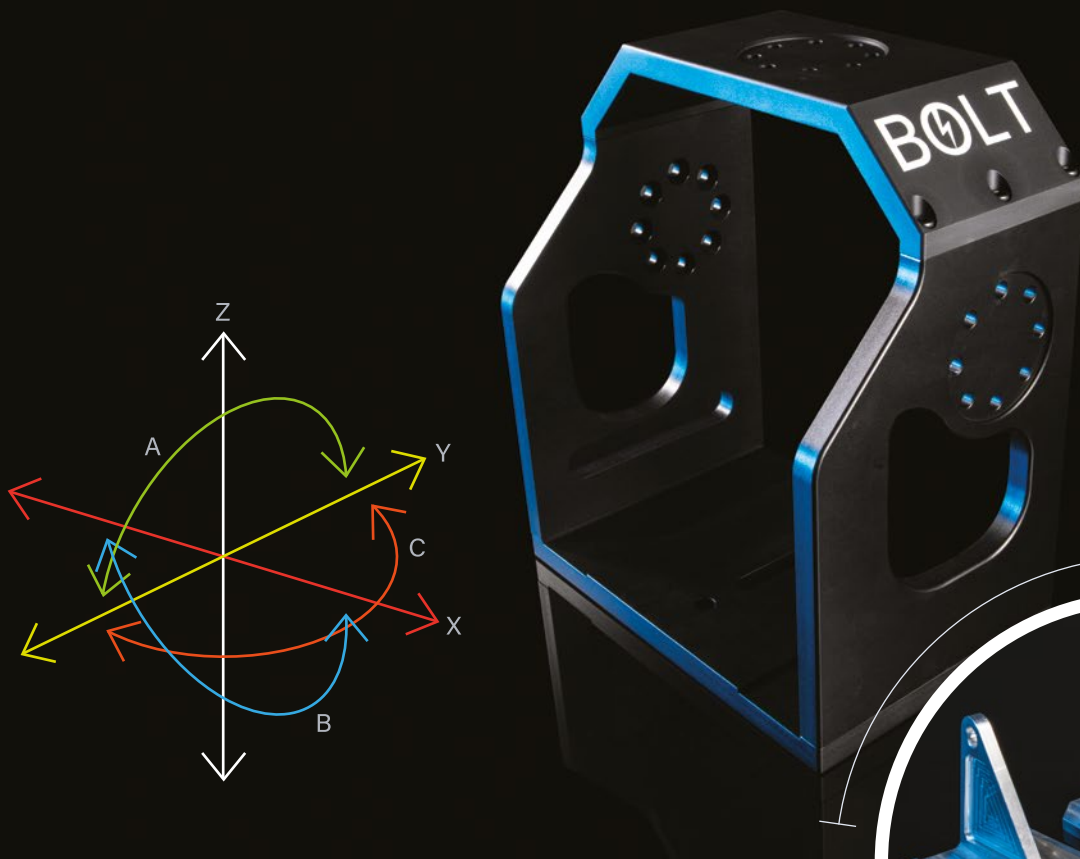
Quality Assurance

At Technoturn, we are committed to delivering high-quality machined components and assemblies, with a focus on achieving 'right-first-time' and maintaining AS9100 standards.

Utilising a range of advanced measurement equipment to ensure accurate inspection processing and seamless data reporting for Statistical Process Control (SPC), we ensure that production quality is maintained at all times.

Our process-based Quality Management System (QMS) incorporates all business functions allowing us to continuously meet customer expectations and quality standard requirements.

We hold AS9100 Rev D aerospace quality accreditation, BS EN ISO 9001 certification, and a bronze certificate in Supply Chain for the 21st Century (SC21), reflecting our dedication to innovation and competitiveness.



CNC milled components

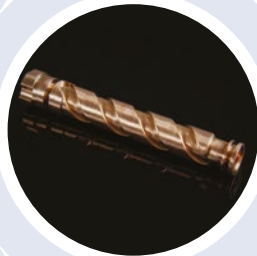
Utilising state-of-the-art CNC machining centres, Technoturn provides high precision milling capabilities in metal and plastic materials, achieving $\pm 0.01\text{mm}$ tolerances on a range of materials.

Our highly skilled and experienced team use the latest machine technology and production control software to maximise product quality and production efficiency, to ensure costs are kept to a minimum whilst maintaining consistent On Time Delivery performance.

Our machine portfolio includes a wide range of high-tech single and multi-pallet vertical machining centres, offering 3, 4 and 5-axis machining capabilities.

By combining modern machining techniques and cutting-edge technology, we offer efficient and cost-effective manufacture of high-precision milled components up to 800mm (l) x 400mm (d) x 400mm (h) in size.





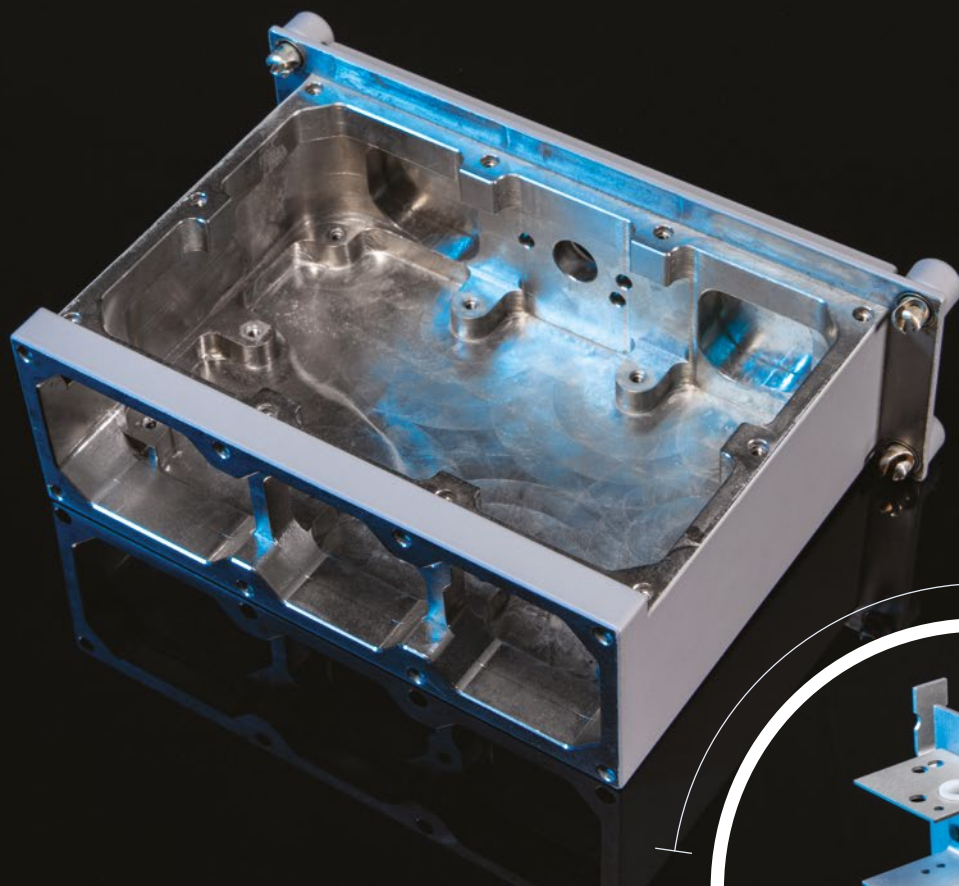
CNC turned components

Technoturn's advanced CNC turning facility features 20 high-tech CNC machine-tools.

Offering both fixed-head and sliding-head turning capability (up to 10-axis), we can deliver 'one-hit' machining to achieve maximum efficiency and quality assurance.

Working with a wide range of materials, we can produce high-precision turned parts from Ø0.4mm to Ø220mm, with a maximum length of 1000mm.



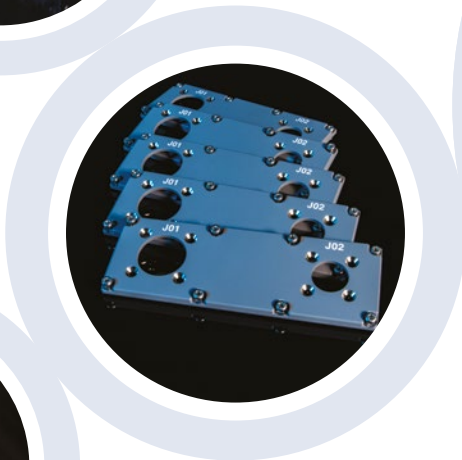


Assembly

We recognise that many of our customers carry out assembly processes themselves, adding cost, complexity and risk to their own business processes. To simplify this challenge, Technoturn can supply fully finished and tested assemblies to our customers, ready for use, incorporating both machined parts and purchased items which are sourced by Technoturn from 3rd party suppliers.

Need a kit of parts instead of a finished assembly? No problem, Technoturn can supply a kit of parts ready to go to your assembly line without any need for additional kitting by the customer.

Our assembly capabilities are flexible, and can be catered to accommodate a wide range of customer build and test requirements.





Managed services

Our supply chain management benefits from over 40 years of experience and a passion for what we do. We supply complex, machined components and assemblies that meet exacting standards to a wide range of market sectors.

We improve our customers' supply chains by providing faster manufacturing times, greater accuracy and full traceability, one-stop manufacturing, stocking and flexibility.

In all, we strive to exceed customer expectations and deliver quality solutions through our huge network of trusted ISO9001, NADCAP and AS9100 material suppliers ensures that quality remains throughout the supply chain, meaning we pass the benefits onto the customer.



Added value services

As well as our core CNC machining services, Technoturn provides a range of complementing services to meet specific customer requirements, including:

- ⊕ Heat Treatment & Surface Treatment
- ⊕ Grinding
- ⊕ Bead & Grit Blasting
- ⊕ Sheet Metal
- ⊕ Welding & Fabrication
- ⊕ Laser Cutting
- ⊕ Water Jet Cutting
- ⊕ Surface finishing (plating, anodising, etc.)
- ⊕ Painting
- ⊕ Screen Printing
- ⊕ Bespoke cleaning services

Plant List

Sliding Head Turning

(0.4mm to 20mm diameter)

- ⊕ 4x Star SB-20R TYPE G
- ⊕ 1x Star SR20R IV TYPE B
- ⊕ 1x Star SR20R III
- ⊕ 1x Star SW12R II
- ⊕ 1x Star SL10
- ⊕ 1x Tornos GAMMA 20/6
- ⊕ 1x Citizen L20E -2M8
- ⊕ 1x Citizen K16 V11P

Fixed Head Turning

(Up to Ø64mm bar-fed & Ø220mm chucking)

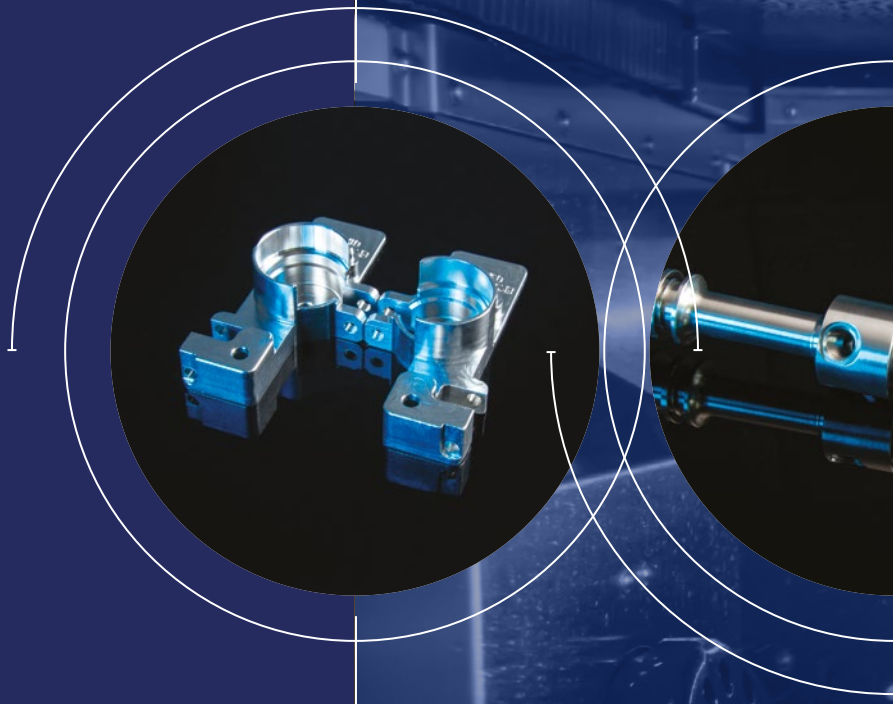
- ⊕ 1x Citizen Miyano BNE-51SY5
- ⊕ 5x Citizen Miyano BNJ-42SY
- ⊕ 1x Citizen Miyano ABX51-TH2
- ⊕ 1x Citizen Miyano ABX64-TH5

Machining Centres

- ⊕ 1x XYZ RMX 2 OP
- ⊕ 1x Doosan DNM400 (4 axis)
- ⊕ 2x Doosan DNM500 (4 axis)
- ⊕ 1x Doosan VC510 (4 axis, twin pallet)
- ⊕ 1x Matsuura MX 330 PC10 (5 axis, 10 pallet)
- ⊕ 1x Matsuura MX 420 PC10 (5 axis, 10 pallet)
- ⊕ 1x Matsuura MAM72 35V (5 axis, 32 pallet)

Measurement

- ⊕ 2x Aberlink Axiom Too CNC CMM
- ⊕ OGP SmartScope ZIP 250 Video System
- ⊕ Precihite 600 Magna Digital Height System
- ⊕ Comprehensive range of traditional measurement equipment



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