FASTENAL MANUFACTURING CAPABILITIES
With locations worldwide, Fastenal’s A2LA accredited testing laboratories are equipped to provide testing services for Fastenal manufactured products as well as products supplied by Fastenal’s quality certified vendors. Product testing is conducted to internationally recognized standards including ASTM, SAE, ASME, ISO, and DIN as well as customer-specific standards and prints.

HOT FORGING
Fastenal has been hot-forging custom parts for more than 20 years, with more than 20 experienced forge operators, and a spectrum of presses and materials. With millions of dollars in bolt blank inventory, and hundreds of stock dies for common heading needs, Fastenal is ready to put your specialty bolt into production.

PRECISION MACHINING
Fastenal’s precision machining operations span 8 locations worldwide, with more than 350 skilled machinists, and nearly 220 CNC machines. Need a production component, replacement part, or prototype? Fastenal can make it happen.

COLD FORMING
With 70-plus cold headers in all, Fastenal has the capacity to produce more than 30 million critical-application parts per week to keep customers’ production lines and equipment running.

STUD BOLTING
Fastenal’s 34 operators work 4 shifts, 24/7, to produce more than 3.6 million custom studs per year. By providing the nuts, washers and gaskets that work with these studs, it enables Fastenal to deliver complete, kitted stud assemblies directly to your point of use.

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ABOUT US
Established in Leeds, UK, in 1917, Spensall operates out of a newly refurbished 28,000 sq. ft. facility and has been manufacturing the highest quality precision machined components and threaded products for over 100 years. The core principles of manufacturing the highest quality parts, delivered on time, supported by outstanding customer service and above all ensuring the health and safety of our employees has been the driving force of the company since its inception. We offer a full turnkey package on all the parts we manufacture including:

- Procurement of raw material
- Full inspection capabilities including PMI
- NDT – dye penetrant, liquid penetrant, magnetic particle, ultra sonic
- Coating (off-site) – xylan, molybdenum disulphide, phosphate, zinc
- Heat and other surface treatments
- Full documentation package
- Shipping to any destination worldwide

Specialists in manufacturing parts for the oil & gas industry globally, Spensall also supplies the chemical, petro-chemical, valve, pump, industrial, marine, power generation, medical, defense, nuclear, renewables, construction, motor sport, heavy earthmoving equipment and transportation industries.

PRECISION CNC MACHINING
Spensall specializes in the machining of complex parts for the global offshore oil & gas industry. Spensall machinists are highly experienced in machining a variety of materials with an emphasis on Inconel, Monel, Super Duplex, Heat & Creep resistant steels and other exotic materials as well as the more basic LAS and CRAs. Parts can be produced from various sections such as flat bar, square bar, angled bar, hexagon bar and round bar up to 730mm diameter in varying lengths.

Employing the principles of Lean Manufacturing and our continuous improvement program are at the very centre of our culture, with many of our senior operations staff attaining green belt and black belt six sigma status. The training of all our staff to a minimum of yellow belts is still an ongoing process.

One of our key objectives is to manufacture precision machined parts with zero defects and attain 100% first passed yield. We completely understand the importance of delivering quality components to our customer together with the correct documentation packages, by an agreed delivery date.

COMPLEX TURNED PARTS
Spensall has late model, close tolerance CNC lathes that can accommodate up to 730mm diameter over varying lengths. Spensall's staff of machinists and programmers are experienced in manufacturing complex parts for various industries. Spensall also has in-house NDE (DPI, MPI, UT and PMI) and CNC CMM capabilities to verify profiles and dimensions.

COMPLEX MILLED PARTS
Spensall has 4-Axis milling capabilities in the form of VMC machine tools and CNC turning with live tooling. Our staff are experienced and capable of complex profile milling in materials ranging from high carbon steel to all grades of stainless steels and exotic steels.

HEALTH & SAFETY AND QUALITY ASSURANCE
We are an ISO 9001:2015 accredited manufacturer with full machine shop capabilities and an extensive inventory of raw materials. Spensall is fully capable and ready to produce any of your standard or special product requirements. We can supply to international or customer’s own standards and in a variety of coatings to meet customer design specifications.

Above all, Spensall’s number one priority is the health, safety and welfare of our most valued asset; our employees. To cement our commitment to HS&E, Spensall achieved OHSAS 18001:2007 in January 2016.