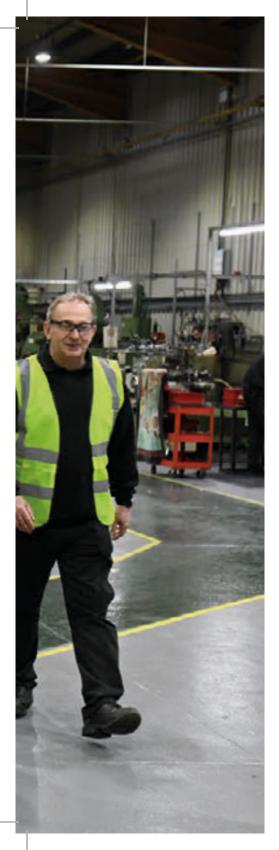
BOLTANDNUT SPECIALISED BOLTING SOLUTIONS





ABOUT US

Formed in 2008, Bolt and Nut is one of the leading special bolting suppliers in Europe.

Operating from an 116,000 sq. ft facility located in the heart of the UK, we are proud to support our customers with items manufactured in exotic alloys and service them with our £5,700,000 stock range of ASTM grade materials.

Exporting globally, Bolt and Nut's team are able to meet your every requirement. From competitive pricing and quick responses, to quality assured deliveries, we offer the complete project management experience.

Our commitment to product quality and customer satisfaction ensures that Bolt and Nut can meet all your product, quality and documentation requirements.



MARKETS WE SERVE

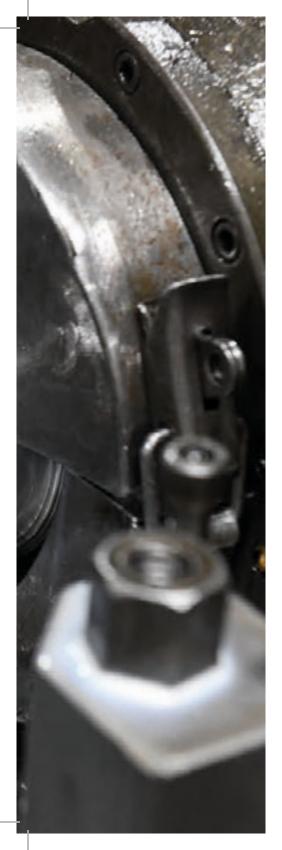
Bolt and Nut has a wealth of knowledge across a variety of industries and markets ranging from the Petrochemical industry to the Renewable Energy sector.

We are the supplier of choice for many multi-disciplined blue-chip, EPC and OEM customers.



III **BOLTANDNUT** SPECIALISED BOLTING SOLUTIONS





MANUFACTURING

Bolt and Nut manufacture and supply special fasteners and bespoke turned parts for critical applications.

Our diverse range of plant, machinery and tooling enables us to supply products from simple washers to highly complex products for use in harsh environments.

Our highly skilled engineers are able to manufacture components to bespoke customer drawings and specifications, across a comprehensive range of materials.

Bolt and Nut has years of experience in dealing with all kinds of exotic alloys, including Inconel, Monel, Titanium, and many others.





PRODUCTS

Industry Specific

Anchor Bolts Blade Bolts **Buoyancy Modules** Bushes Casing Studs Collar Studs Conrod Bolts Cylinder Head Studs Double Ended Studs Dowel Pins Engineering Studs Exhaust Studs Foundation Bolts Grub Screws Head Cover Studs Hex Adaptors Hex / Round Sleeves Hinge Pins J Bolts LF2 Plugs

Manway Studbolts Piston Head Studs Piston Rods **Riser Stems** Rotor Bolts Spindles Square / Rectangular Keys Stems Stud Connectors Suspension Bolts Tap End Studs Tension Assemblies Thermocouple Bolts Tie Rods Toggles Tower Connection Bolts U Bolts Weld Studs

Headed Products

12 Point Bolts CF Bolts Cheese Head Bolts Countersunk Screws D Head Bolts Flange Bolts Flask Lid Bolts Hex Head Bolts Hex Head Setscrews Hex Pressure Plugs Round Head Bolts Slew Ring Bolts Socket Head Capscrews Square Head Bolts Swing Bolts T Head Bolts

Nuts

12 Point Nuts Barrel Nuts Cap Nuts Castellated Nuts Cylinder Cover Nuts Flange Nuts Hexagonal Nuts Long Nuts Nyloc Nuts Ring Nuts Spherical Nuts Spiratype Locking Nuts Tommy Bar Nuts

Washers

Flat Washers Shakeproof Washers Spherical Washers Spring Washers Tab Washers

> **III BOLTANDNUT** SPECIALISED BOLTING SOLUTIONS



MATERIALS

Stainless Steel

A904L ASTM A193 B6 ASTM A193/A320 B8/B8M/B8T ASTM A193/A320 B8/B8M/B8T-CLASS 2 ASTM A193/A320 B8C ASTM A453 660A/B/C/D ASTM A564 630 S17400 BS970 303/304 (18-8/A2) BS970 310/321/347 BS970 316 (A4) BS970 410/416/420/431/422 ISO 3506 A2 & A4 CLASSES 50/70/80 ISO 3506 C3-80 Nitronic * 50/60

Super Alloys and Duplex Steel

254 SMO UNS S31254 Hastelloy * B2/C41/C22/C276 Incolloy * 800/800HT/825/925 Inconel * 600/601/625/718 Monel * 400 Monel * K500 Nimonic * 75/80/80A/90 Titanium Alloys UNS 32550 * Ferralium 255 UNS S31803 UNS S32750 UNS S32760 Zeron * 100

Carbon and Alloy Steel

AISI 4140/4340 ASTM A193 B7/B7M/B5/B16/B16A ASTM A320 L7/L7M/L43 BS EN 10269 21CrMoV5-7 BS EN 10269 24CrMo5 BS EN 10269 42CrMo4 BS970 080M40 (EN8) BS970 605M36 (EN16) BS970 708M40 (EN19) BS970 817M40 (EN24) BS970 826M40 (EN26) Durehete * 900/950/1055 Esshete * 1250 Jethete * X19 Mild Steel

Non Ferrous

Aluminium Aluminium Bronze Brass Copper Cupro Nickel 70/30 Cupro Nickel 90/10 Hiduron * 191 Manganese Bronze Marinel * Naval Brass Nylon Phosphor Bronze Silicon Aluminium Bronze

*represents trademarked material

III BOLTANDNUT SPECIALISED BOLTING SOLUTIONS

3.2 Certification / ITPs

Do you require orders to be independently witnessed by a third party of your choice? Bolt and Nut has experience in dealing with agencies offering 3.2 certification such as, BSI, Lloyds, DNV, TUV, Bureau Veritas and ABS etc. Bolt and Nut appreciates that in certain circumstances, customers may require extra documentation and visibility of processes involved in the manufacturing of their goods. To support this, Bolt and Nut offer Initial Testing Plans (ITPs) outlining the various processes involved in completing an order.

Consignment Stock Holding

If you have specific repeat requirements for bespoke manufactured components, Bolt and Nut is able to manufacture parts in bulk quantities and house them in our warehouse facility.

24 Hour Emergency Support

We know that downtime is the biggest headache that our customers have to deal with. With this in mind, we offer a 24-hour breakdown service for emergency situations. If the worst does arise, please contact sales where we'll be on hand to help.

Delivery / Logistical Options

Our logistics department offers a full range of incoterms, with deliveries to worldwide locations. This spans domestic deliveries on our own transport, right through to deliveries to international locations by road, rail, air or sea. Next day delivery of stock items is available for orders placed before 3pm.

Technical Support / Product Advice

Bolt and Nut don't just sell fasteners! From valves to pumps, sub-sea pipelines to wind turbines, our technically trained sales team is able to support you by providing expert product advice. Our knowledge of industry applications and projects sets us apart from the competition.

Multilingual Support

Communication is key! Befitting of a company with an international focus, Bolt and Nut employs support staff from all around the globe. Our multilingual sales team is technically trained and able to answer any questions that you may have.

Plating

We can plate any product in a range of materials including Galvanising, Zinc, Cadmium, Xylan and more.

Heat Treatment -

Heat treatment is a controlled process used to alter the microstructure of metals. imparting properties which benefit the working life of a component, Bolt and Nut offer different kinds, such as hardening, tempering, normalising etc.

Testing

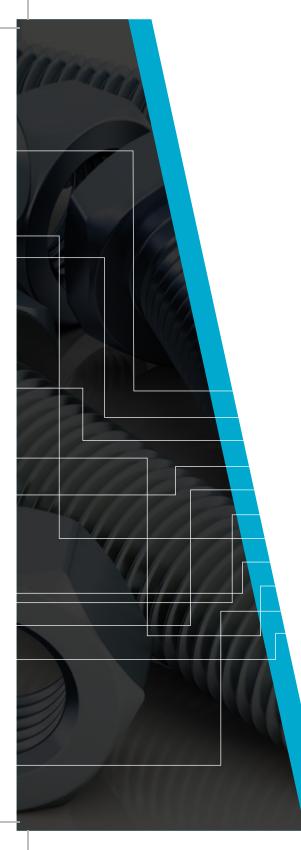
Bolt and Nut work closely with a number of UKAS approved laboratories, who provide a full range of independent testing services.

Reverse Engineering —

Bolt and Nut offer a reverse engineering service, where our qualified engineers can produce drawings and components from your sample products. We also carry out chemical and mechanical testing, to ensure the correct use of materials.

Project Managemen

With vast experience in dealing with blue-chip companies, Bolt and Nut offers full project management services, from the initial enquiry to the delivery of the goods.



SERVICES

To complement our manufacturing and stocking capabilities, Bolt and Nut provide additional services to suit your specific needs including:

Plating Heat Treatment Testing Reverse Engineering Project Management 3.2 Certification / ITPs Consignment Stock Holding 24 hour emergency support Delivery / Logistical Options Technical Support / Product Advice Multilingual Support







STOCK

With over 3500 core products, Bolt and Nut boasts an impressive Petrochemical stock holding, making us a quick, reliable supplier for all situations.

With \$5,700,000 worth of stock made up of raw, finished and semi-finished goods, Bolt and Nut offers fully traceable fasteners in accordance to DIN/ISO and ANSI/ASME standards.

Our vast stock range is comprised of material sourced globally from ISO approved steel mills.



Studbolts / Allthread Studding				
Product Types	Standards	Materials	Imperial Ø	Metric Ø
STUDBOLTS	ANSI: B16.5	ASTM A193 B7	1/2" - 1-1/4"	M12 - M30
	DIN: 976 BS: 4882	ASTM A320 L7	1/2" - 1-1/4"	M12 - M30
ALLTHREAD STUDDING	ANSI: B16.5	ASTM A193 B7	1/4" - 4"	M6 - M100
	DIN: 975	ASTM A320 L7	3/8" - 2-1/2"	M10 - M64
		ASTM A193 B7M	1/2" - 2-1/2"	M12 - M56
		ASTM A320 L7M	1/2" - 2-1/2"	M12 - M56
		ASTM A193 B16	1/2" - 3"	M12 - M39
		ASTM A193 B5	5/8" - 2"	
		ASTM A193 B6	5/8" - 2"	
		ASTM A193 B8	1/4" - 2-1/2"	M6 - M48
		ASTM A193 B8 CI 2	1/4" - 2"	M6 - M36
		ASTM A193 B8M	1/4" - 2"	M6 - M48
		ASTM A193 B8M CI 2	1/4" - 2-1/2"	M6 - M36

Hexagon Nuts				
Product Types	Standards	Materials	Imperial Ø	Metric Ø
NUTS ANSI: B18.2.2 DIN: 934 H=D ISO: 4033		ASTM A194 2H	1/4" - 4"	M6 - M100
	ASTM A194 2HM	1/2" - 3-1/2"	M10 - M64	
		ASTM A194 G3	1/2" - 2-1/2"	
		ASTM A194 G4	5/16 - 3-1/2"	M10 - M64
		ASTM A194 G6	1/2" - 2"	
		ASTM A194 G7	1/4" - 4"	M6 - M100
		ASTM A194 G7M	1/2" - 3-1/2"	M10 - M56
		ASTM A194 G8	1/4" - 2-1/2"	M6 - M48
		ASTM A194 G8M	1/4" - 2-1/2"	M6 - M48
		ASTM A194 G8T	1/2" - 2"	M10 - M36

OUR STOCK AT A GLANCE

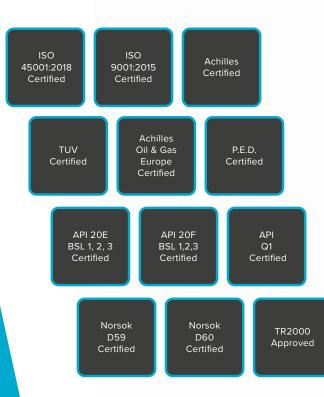
roduct Types	Standards	Materials	Imperial Ø	Metric Ø
HEXAGON BOLTS	ANSI: B18.2.1 DIN: 931 ISO: 4014	ASTM A193 B7	1/4" - 1-5/8"	M6 - M48
		ASTM A320 L7	3/8" - 1-5/8"	M10 - M48
		ASTM A193 B8	1/4" - 1-1/4"	M6 - M30
		ASTM A193 B8 CI 2	1/4" - 1-1/4"	M6 - M30
		ASTM A193 B8M	1/4" - 1-1/4"	M6 - M30
		ASTM A193 B8M CI 2	1/4" - 1-1/4"	M6 - M30
HEXAGON SETSCREWS	ANSI: B18.2.1 DIN: 933 ISO: 4017	ASTM A193 B7	1/4" - 1-1/2"	M6 - M30
		ASTM A320 L7	3/8" - 1-1/2"	M10 - M30
		ASTM A193 B8	1/2" - 1"	
		ASTM A193 B8M	3/8" - 1"	
SOCKET HEAD CAPSCREWS	ANSI: B18.3 DIN: 912 ISO: 4762	ASTM A193 B7	3/8" - 1-1/4"	M10 - M30
		ASTM A320 L7	3/8" - 1-1/4"	M10 - M30
12 POINT BOLTS	IFI: 115	ASTM A193 B7	3/8" - 1-1/4"	
		ASTM A320 L7	3/8" - 1-1/4"	

Washers				
Product Types	Standards	Materials	Imperial Ø	Metric Ø
WASHERS BS: 4310 BS: 4320 DIN: 125		MILD STEEL	3/8" - 3-1/2"	M10 - M76
		A2 (304)	3/8" - 1-1/4"	M10 - M36
		A4 (316)	1/4" - 1-1/2"	M8 - M39

QUALITY

Nothing is more important to us than the quality of our products.

When supplying customers operating in quality critical industries, product integrity is of the utmost importance. This has made Bolt and Nut the first-choice supplier for many of the world's blue-chip companies.







III BOLTAND NUT SPECIALISED BOLTING SOLUTIONS



www.bnml.co.uk | sales@bnml.co.uk

Cannon Business Park, Gough Road, Coseley, West Midlands, United Kingdom, WV14 8XR Sales: +44 (0) 1902 355110 | Production: ///6 | Accounts: ///4 | Quality: ///3 | Transport: ///7