



**/// BOLT AND NUT**  
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.



### Oil & Gas

#### OIL & GAS

Refineries, Wellhead Systems, BOB Breakdown  
Exchangers, Recovery, Salt Production, Chemical  
Heat Exchangers, Heat Recovery, Flaring,  
FPSO Heat Exchangers, Cooling, Airco, Merchants,  
Mining Systems, Mining Systems, Offshore  
Cranes, Offshore Platforms, Pipelines, Pressure  
Vessels, Processing Systems, Production  
Systems, Pumps, Boilers, W.A.S., Industrial Airside,  
Turbochargers, Boilers



### Petrochemical

#### PETROCHEMICAL

Aromatics Plants, Solers, Compressors,  
Cryogenics, Desulfurators, Refillable Plants, Heavy  
Fertilisers, Heat Exchangers, Boiler, Cracking, New  
Tanks, Venting Systems, Pipelines, Pressure  
Vessels, Pumps, Boilers



### Renewable Energy

#### RENEWABLE ENERGY

Bio Energy, Geothermal, Green Energy, Hydro  
Electric, Wave Energy and Wind Energy



### Nuclear Power

#### NUCLEAR POWER

Auto Claves, Condensers, Steam Generators,  
Generators, Pumps, Pumps, Boilers,  
Turbines, Valves and Waste Management Units



### Heavy Industry

#### HEAVY INDUSTRY

Engines, Lifting Equipment, Infrastructure  
Projects, Ship Building and Water Ports



### Power Generation

#### POWER GENERATION

Boilers, Compressors, Heat Exchangers, Pressure  
Vessels, Pumps, Turbines, Turbine Cases and  
Waste Heat Recovery Units



### Mining

#### MINING

Boiling Machines, Crushers, Crushers, Milling  
Machines, Hoists, Pumps, Grinding Systems,  
Conveyors



### Much more

#### MUCH MORE

Peripherals, Agriculture, Construction, Distribution  
Networks, CNC, Fabrication, Marine, Metallurgical,  
Pulp & Paper, Rail, Steel Mills, Water Plants,  
Hydrogen





## 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	Manway Studbolts
Blade Bolts	Piston Head Studs
Buoyancy Modules	Piston Rods
Bushes	Riser Stems
Casing Studs	Rotor Bolts
Collar Studs	Spindles
Conrod Bolts	Square / Rectangular Keys
Cylinder Head Studs	Stems
Double Ended Studs	Stud Connectors
Dowel Pins	Suspension Bolts
Engineering Studs	Tap End Studs
Exhaust Studs	Tension Assemblies
Foundation Bolts	Thermocouple Bolts
Grub Screws	Tie Rods
Head Cover Studs	Toggles
Hex Adaptors	Tower Connection Bolts
Hex / Round Sleeves	U Bolts
Hinge Pins	Weld Studs
J Bolts	
LF2 Plugs	



## Headed Products

12 Point Bolts  
CE 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



# 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

### 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 Management

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 DIN: 976 BS: 4882	ASTM A193 B7	1/2" - 1-1/4"	M12 - M30
		ASTM A320 L7	1/2" - 1-1/4"	M12 - M30
ALLTHREAD STUDDING	ANSI: B16.5 DIN: 975	ASTM A193 B7	1/4" - 4"	M6 - M100
		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

## Headed Products

Product 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 Cl 2	1/4" - 1-1/4"	M6 - M30
		ASTM A193 B8M	1/4" - 1-1/4"	M6 - M30
		ASTM A193 B8M Cl 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.



ISO  
45001:2018  
Certified

ISO  
9001:2015  
Certified

Achilles  
Certified

TUV  
Certified

Achilles  
Oil & Gas  
Europe  
Certified

P.E.D.  
Certified

API 20E  
BSL 1, 2, 3  
Certified

API 20F  
BSL 1,2,3  
Certified

API  
Q1  
Certified

Norsok  
D59  
Certified

Norsok  
D60  
Certified

TR2000  
Approved



**BOLTANDNUT**  
SPECIALISED BOLTING SOLUTIONS

**/// BOLT AND NUT**  
SPECIALISED BOLTING SOLUTIONS



[www.bnml.co.uk](http://www.bnml.co.uk) | [sales@bnml.co.uk](mailto: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