

Manufacturing of Threaded Components

Diameter: 0.125" (M3) to 6.000" (M150)
Length: up to 6 metres
Thread forms: UNC / UNF / 8UN / Metric
(coarse & fine) / BSW / BSF
ACME
Trapezoidal
Right- & Left-Hand Threads
TUV PED 2014/68/EU Annex I
(Certificate NO: 43SM43101) accreditation.



Destructive Testing (Laboratory Services)

Destructive testing is only performed by ISO 17025 laboratories and includes all aspects of destructive testing our client base requires, this includes but is not limited to the following:

- Tensile Test – Room & Elevated Temperature
- Impact Test – Room / Low / High Temperature
- Hardness Testing – HBW / HV / HRB / HRC
- Corrosion
- Proof Load
- Check Analysis
- Macro etch
- Microstructure
- Ferrite Count & Ferritoscope testing
- De-Carburisation
- Stress Rupture
- HIC / SSCC
- Salt Spray Testing
- Wedge Testing



NDT Testing (In-house & Third-Party Services)

Non-Destructive testing is performed by fully accredited BINDT qualified operatives, accreditation is to PCN level II as a minimum with PCN Level III for procedural requirements available in all processes. Testing available as below.

- Keyence (Dimensional Inspection)
- Hardness Testing (HRB / HRC)
- X-Ray
- Ferritoscope Testing
- PMI (Positive Material Identification)
- UT (Ultrasonic Examination of barstock)
- MPI (Magnetic Particle Inspection)
- DPI (Dye Penetrant Inspection)



Manufacturer and Stockist
of **Bolting, Studbolts, Nuts**
and **Special Fasteners**



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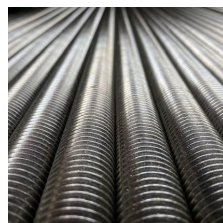
Who are SFC (Europe) Ltd?

We are a strategic stockholder and manufacturer of fully certified and traceable Fasteners for the Energy and Oil & Gas, Defence, Onshore, Offshore and Subsea industries.

SFC (Europe) can supply a comprehensive scope of certified fastener products using a wide range of material grades and surface coatings.

As an ISO 9001:2015 accredited company, we are also approved to Manufacture in accordance to Norsok M630 2020 MDS D60/D60L.

Our Core stock range is made up off ASTM Petrochemical materials as well as Nickel Alloy grades in both raw and semi-finished forms.



THREADED BAR

All thread studding is available from stock in Carbon and Alloy Steels, Stainless Steel and Exotic materials including Duplex, Super Duplex, Nickel and Cupro Nickel Alloys.



HEX NUTS

Heavy hexagon single chamfer washer faced imperial and double chamfer metric nuts available from stock in the full range of Petrochemical, Stainless, Duplex and Super Duplex grades of material.



STUDBOLTS/ASSEMBLIES

A comprehensive stock range of finished Studbolts and Studbolts Assemblies c/w two Hexagon Nuts and Washers (If required) is backed by the ability to produce non-stocked and special sizes quickly.



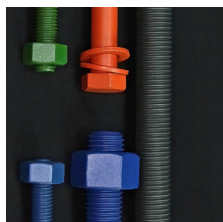
SPECIAL PRODUCTS

SFC (Europe) has an advanced and flexible in-house manufacturing capacity combining traditional engineering skills with hi-tech computer controlled machining processes.



HEADED PRODUCT

With one of the most comprehensive stocks of headed product in the UK enables SFC (Europe) to provide same day shipment. Our readily available portfolio includes ASTM grades.



COATING & HEAT TREATMENT

All Products are available with the full range of surface coating and heat treatment.



Our Core Range of Materials



PETROCHEMICAL GRADES:

⚙️ **ASTM A193/A320 Alloy Steels:**
B5, B7, B7M, B16, L7, L7M, L43

⚙️ **ASTM A193/A320 Stainless Steels:**
B6, B8, B8C, B8M, B8T (Class 1 and Class 2)

⚙️ **ASTM A194 Heavy Hex Nuts:**
2H, 2HM, 3, 4[L], 6, 7[L], 7M[L], 8/8A, 8C/8CA, 8M/8MA, 8R, 8S, 8T/8TA



SPECIALIST GRADES

⚙️ **Austenitic Stainless Steels:**
300 Series, including strain hardened, Nitronic® 50 (XM-19), Nitronic® 60

⚙️ **Super Austenitic Stainless Steel:**
UNS S31254 (6MO / F44)

⚙️ **Martensitic Stainless Steels:**
400 Series

⚙️ **Nickel Alloys:**
Inconel®, Incoloy®, Monel®, Hastelloy®

⚙️ **Precipitation Hardened Stainless Steels:**
ASTM A453 Grade 660 (A, B, D), 17/4-PH

⚙️ **Duplex and Super Duplex (Annealed and Strain Hardened):**
UNS S31803 (F51), UNS S32750 (F53), UNS S32760 (F55), NORSOK D59/D59L, D60/D60L, S32760 (F55)

⚙️ **Copper, Brass & Nickel Aluminium Bronze:**
NES 833
NES 834
DGS 1043
DGS 1044
70/30 Cupro Nickel
90/10 Cupro Nickel
CA104
CZ121

⚙️ **Titanium Alloys:**
Grade 2
Grade 5



Machining and production

Our site is currently split into two divisions.:
One encompassing strategic stockholding and standard stud bolt production, while the other is focused on the Manufacture of Special bolting and machined parts.
ASTM Grade Studbolt Production
Thread Rolling (Through Rolling)
High Speed Automatic Sawing
Automatic Chamfering
Low Stress Vibro Etching
Nut Over-Tapping (for different surface coatings)

Special Bolting & Machined Parts

CNC Turning Lathes
CNC Vertical Machining Centres
Hot Forging
Thread Rolling (Plunge Rolling)
Polygonal Turning
Screw Cutting
Conventional Turning and Milling
Cold Broaching
Low Stress Vibro-etching

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ACME
Trapezoidal
Right- & Left-Hand Threads



Quality and Integrity

SFC (Europe) believe quality requirements are paramount to all aspects of our business, from receipt of materials through to the finished product being supplied.

All aspects are processed under the auspices of our BSI ISO 9001 2015 (Certificate No: FM598741) & TUV PED 2014/68/EU Annex I (Certificate NO: 43SM43101) accreditation.

visit our website www.sfc-europe.com

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