



# PRECISION ENGINEERING, TAILORED TO YOUR NEEDS.

SPECIALISTS IN CUSTOM-MADE  
FASTENERS, FLANGES, PIPE  
FITTINGS, AND MACHINED  
COMPONENTS.



PRECISION ENGINEERING, TAILORED TO YOUR NEEDS.

# ABOUT



CC&N Global Ltd is a manufacturer and supplier of special and standard products for industries including oil & gas, petrochemical, power generation & construction to name but a few.

We supply high integrity components to meet the demands of the most extreme environments.

Offering a service that we believe is second to none has given our customers the confidence to rely on us time and time again as our loyal customer base will testify.

We specialise in the rapid supply of quality products tailored to the needs of each customers demands. With our company being centrally located in the midlands we are perfectly placed to service customers across the United Kingdom and export customers worldwide.

📍 CC&N Global Ltd  
Summerfield lane  
Worcester Road  
Summerfield  
DY11 7RG

☎ +44 (0) 333 335 5702

✉ sales@ccnglobal.co.uk

# CUSTOMISATION IS OUR SPECIALTY

At CC&N Global customisation is our specialty. We know that off-the-shelf solutions don't always meet the demands of complex projects. That's why we work closely with clients from initial design to final production, ensuring every specification is met. Whether you need a single prototype or high-volume production, our team has the flexibility and expertise to adapt to your needs. From precision tolerances to specific material requirements, CC&N Global delivers bespoke products that perform reliably in even the most challenging environments.

## BESPOKE SOLUTIONS

Partnering with clients to refine and optimise product specifications.

## RAPID PROTOTYPING

Bringing concepts to life quickly for testing and validation.

## CUSTOM PRODUCTION

Tailored production processes for small to large-scale projects.

## MATERIAL SELECTION

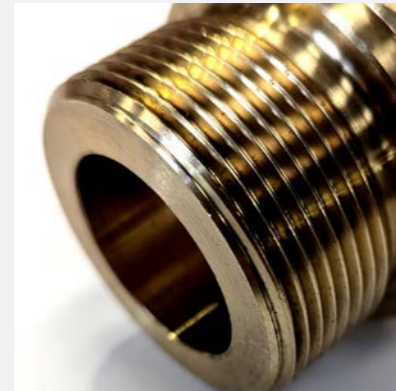
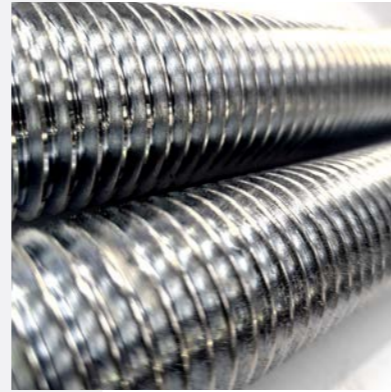
We have a wide range of materials to meet performance and durability requirements.

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## FASTENERS

From standard bolts and nuts to specially engineered fasteners, provides high-performance solutions for critical applications. Our fasteners are available in various materials and finishes.



## FLANGES

Precision-engineered flanges crafted from a variety of high-performance materials, tailored to meet the demands of any industry.

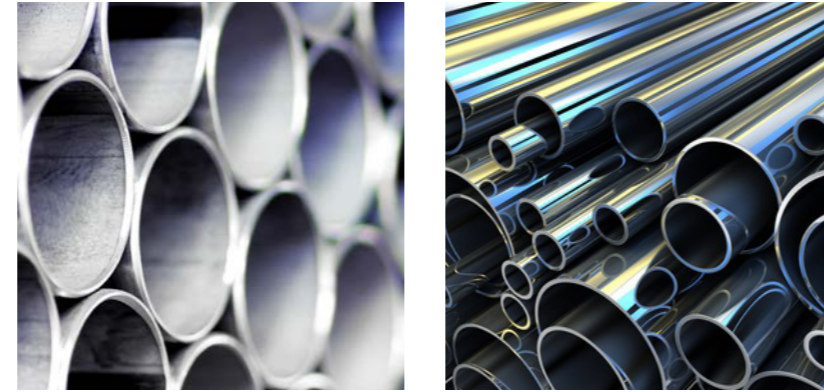


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## PIPES & PIPE FITTINGS

CC&N Global Ltd offers a variety of pipe fittings, including elbows, tees, reducers, and couplings. Each fitting is engineered to provide secure connections and seamless integration within your piping network, with options for high-pressure and corrosive environments.



## MATERIALS & CAPABILITIES

CC&N Global excels in working with a broad spectrum of materials to meet the unique demands of your projects. Our materials include:

### STAINLESS STEEL

Offering superior corrosion resistance and strength, ideal for harsh environments.

### CARBON STEEL

Known for its toughness and versatility, used in a wide range of industrial applications.

### NICKEL ALLOYS & NON-FERROUS

We provide a selection of nickel, chrome, and titanium alloys that deliver exceptional performance in high-temperature and high-pressure environments.

Our processing capabilities include advanced CNC machining, forging, casting, and fabrication processes. We leverage the latest technology to ensure precision and consistency in every product we create. Whether it's intricate machining or high-volume production, CC&N Global's state-of-the-art facilities are equipped to handle your most challenging projects.

See our full glossary of products, materials and Finishes at the back of our brochure.

### KEY CAPABILITIES

**Precision CNC Machining**  
High-accuracy production for complex parts.

**Fabrication & Assembly**  
Custom assemblies and welded structures.

**Forging & Casting**  
Creating robust components that meet stringent specifications.

**Surface Treatments**  
Applying protective coatings and finishes for enhanced durability.

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# OUR RANGE OF TAILORED FINISHES

At CC&N Global, we specialise in the production of non standard components such as fasteners, flanges, pipe fittings & other special machined parts. Whether you need products that meet internationally recognized standards or bespoke components based on your specific drawings, we have the expertise to deliver.

We utilize a wide range of advanced production facilities through our network of trusted sub-contractors. This enables us to handle projects of various scales, ensuring precision and efficiency. Our network's expertise and cutting-edge technology allow us to meet deadlines while maintaining high standards of quality and reliability.

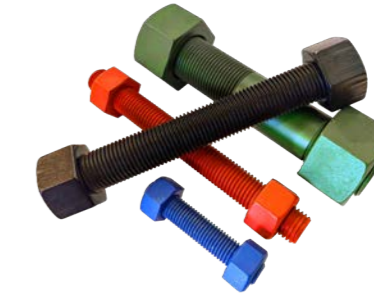
See our range of finishes that we offer.



**ZINC PLATING**



**HOT DIPPED GALVANIZED**



**XYLAN, TEFLON, PTFE, FLURO CARBON**



**HOT FORGING**



**ALUMINIUM COATINGS**



**NICKEL PLATING**

## OUR OTHER FINISHES WE OFFER

**MECHANICAL GALVANIZED**

**SILVER PLATED NUT AND BOLTS**

**PHOSPHATING**

**HEAT TREATMENT**

# MARKETS SERVED

CC&N Global products are integral to some of the world's most demanding industries. Our clients trust us to deliver components that meet the highest standards of performance and reliability.



## OIL & GAS

We supply critical components for upstream, midstream, and downstream applications, including custom fasteners and fittings designed to withstand extreme pressures and corrosive environments.



## PETROCHEMICAL

Our products are used in refineries and chemical processing plants, where they must perform reliably under high temperatures and aggressive chemicals.



## POWER GENERATION

CCN Global produces components for both traditional and renewable energy sectors, ensuring efficiency and safety in power plants, wind turbines, and more.



## MARINE & AEROSPACE

We provide high-integrity fasteners and machined parts for the marine and aerospace industries, where precision and durability are paramount.



## CONSTRUCTION & MILITARY

Our robust and reliable products are also utilised in the construction and defence sectors, meeting the specific needs of these highly regulated industries.



## MOTORSPORT

High-performance fasteners and components designed for the rigorous demands of motorsport, where every gram and millilitre counts.

# QUALITY ASSURANCE

Quality is at the core of everything we do. All our products come with material certification to EN10204.3.1 as standard. We also offer third-party certification upon request, ensuring that every component meets your exacting standards.

CC&N Global products are integral to some of the world's most demanding industries. Our clients trust us to deliver components that meet the highest standards of performance and reliability.

## PRODUCTS

Studbolts  
Nuts  
Hex Bolts  
Socket Cap Screws  
Grub Screws  
Countersunk Screws  
Washers  
Engineers Studs  
Tie Bars  
Eye Bolts  
U-Bolts  
Butt Weld Pipe Fittings  
Flanges  
Pipe  
Forged Pipe Fittings  
Valves  
Gaskets  
Compression Fittings  
Tube  
Bar  
Plate  
Forgings  
Sheet

## MATERIALS

### FASTENER MATERIALS



#### Carbon Steel, Cr-Mo & High/Low Temp Alloy Steels

ASTM A193 Grades: B5, B7, B7M, B7A, B16, B16A /

ASTM A320 Grades: L7, L7M, L43.

ASTM A194 Grades: 2H, 2HM, 3, 3, 7, 7M, 16 / BS

970 Grades: 070M20, 080M40, 605M36, 708M40, 817M40, 826M40 (P,R,S,T,U,V,W conditions). AISI Grades: 4140, 4340. Durehete™900 (T21/42CrMo5-6), Durehete™950 (T31/42CrMoV4-6), Durehete™1055 (T41/20CrMoVTiB4-10), 25CrMo4, 24CrMo5, 21CrNiMo6, 42CrMo4, 40CrNiMo6. SAE Grades: 5 / 8 / 10. ISO 898-1 Grades: 8.8, 10.9, 12.9 / ISO 898-2 Grades: 8, 10, 12.

#### Stainless Steels

ASTM A193 Grades: B6, B8, B8 class 2, B8M, B8M class 2, B8M2 class 2b, B8T, B8T class 2, B8C, B8Cclass 2, B8R, B8S, B8MLCuN. / AISI: 303, 304, 304L, 304H, 309, 310, 310H, 316, 316L, 316H, 316Ti, 331, 321H, 330, 347, 410, 416, 420, 431, 17/4PH (630).

ASTM A453 Grades 660-A / B / C / D. / A2 cl 50 / 70 / 80, A4 cl 50 / 70 / 80 / 100.

#### Duplex / Super Duplex / Super Austenitic Stainless Steels

UNS S31803 (F51 / 2205), UNS S31254 (F44 / 6M0), UNS S32750 (F53 / 2207), UNS S32760 (F55 / Zeron 100™), UNS S32550 (F61 / Ferralium 255™), Nitronic 50™ (Fermonic 50™ / XM19), Uranus B6™ (1.4539 / 904L)

#### Nickel Alloys

Monel™ 400 / K500, Inconel™ 600 / 601 / 625 / 718 / X-750, Incoloy™ 800 / 800H / 800HT / 825, Nimonic™ 75, 80A, 90, Hastelloy™ B2 / B3 / C-276 / C4 / C22 / G30 / X, Alloy 20 (CB-20), Nickel 200 / 201, Waspalloy™.

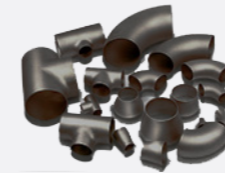
#### Non-Ferrous Metals

Titanium grades 2 / 5 / 7 / 12, Aluminium, Brass, Copper, Cupro Nickel (90/10 CuNi / 70/30 CuNi), NES 835, Hiduron™191, Phosphur Bronze (PB102), Aluminium Bronze, Aluminium Silicon Bronze (NES834 / DGS 1044 / C64200 / C65500), Nickel Aluminium Bronze (NES 833 / NES 835 / DGS 1043 / DGS 1044 / ASTM B150 gr C63000)

## MATERIALS

### PIPELINE COMPONENT MATERIALS

#### Carbon Steel, Cr-Mo & Low Temp Alloy Steels



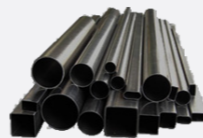
##### Butt Weld Fittings

ASTM A234 WPB, WP5, WP9, WP11, WP22, WP91 / A420 WPL3, WPL6 / WPHY 52 – 65



##### Forged Fittings & Flanges

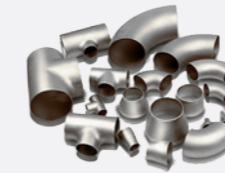
ASTM A105n / A350 LF2, LF3 / A694 F52, F65 / A182 F5, F9, F11, F22, F91



##### Pipe & Tube

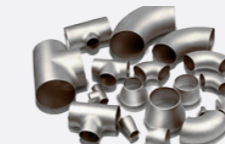
API 5L gr B, X52, X60, X65 / ASTM A53 / A106 grA, grB / A333 gr3, gr6 / A335 gr P5, P9, P11, P22, P91

#### Stainless Steels



##### Butt Weld Fittings

ASTM A234 WPB, WP5, WP9, WP11, WP22, WP91 / A420 WPL3, WPL6 / WPHY 52 – 65



##### Forged Fittings & Flanges

ASTM A105n / A350 LF2, LF3 / A694 F52, F65 / A182 F5, F9, F11, F22, F91



##### Pipe & Tube

API 5L gr B, X52, X60, X65 / ASTM A53 / A106 grA, grB / A333 gr3, gr6 / A335 gr P5, P9, P11, P22, P91

#### Nickel Alloys



##### Butt Weld Fittings

ASTM A234 WPB, WP5, WP9, WP11, WP22, WP91 / A420 WPL3, WPL6 / WPHY 52 – 65



##### Forged Fittings & Flanges

ASTM A105n / A350 LF2, LF3 / A694 F52, F65 / A182 F5, F9, F11, F22, F91



##### Pipe & Tube

API 5L gr B, X52, X60, X65 / ASTM A53 / A106 grA, grB / A333 gr3, gr6 / A335 gr P5, P9, P11, P22, P91

#### Non-Ferrous



##### Butt Weld Fittings

ASTM A234 WPB, WP5, WP9, WP11, WP22, WP91 / A420 WPL3, WPL6 / WPHY 52 – 65



##### Forged Fittings & Flanges

ASTM A105n / A350 LF2, LF3 / A694 F52, F65 / A182 F5, F9, F11, F22, F91

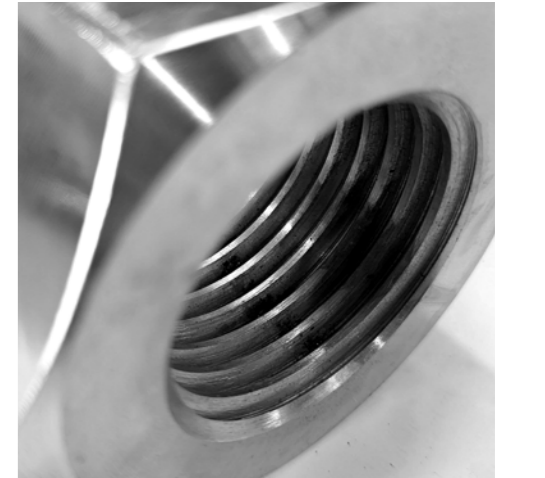
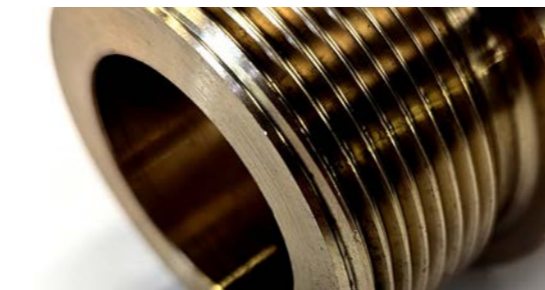
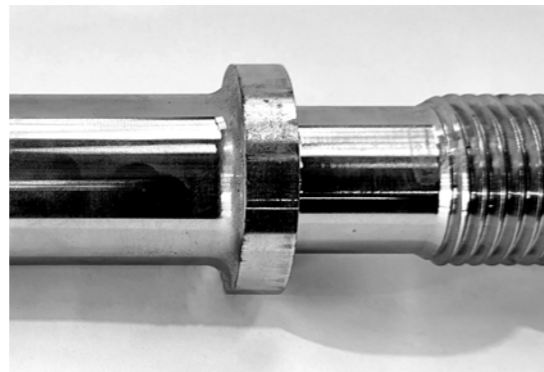
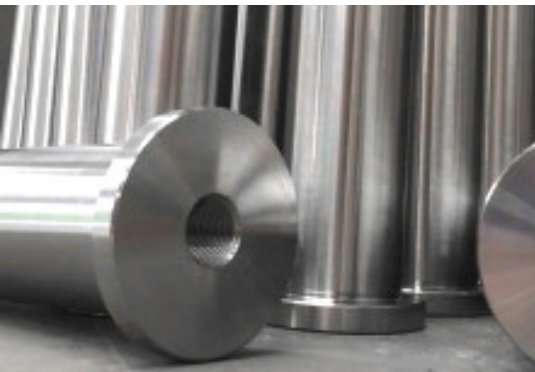
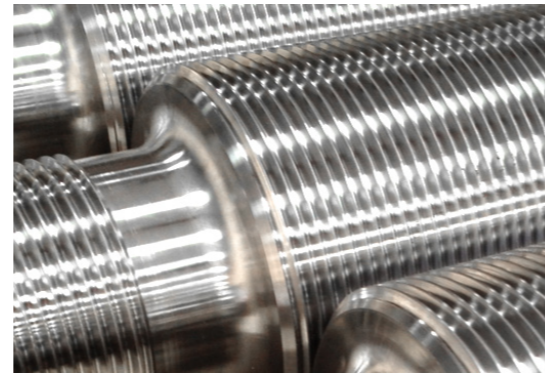
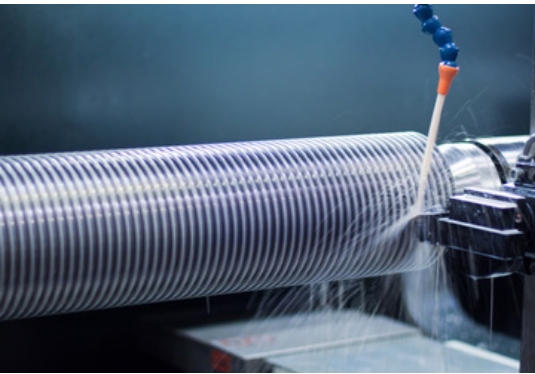


##### Pipe & Tube

API 5L gr B, X52, X60, X65 / ASTM A53 / A106 grA, grB / A333 gr3, gr6 / A335 gr P5, P9, P11, P22, P91

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# GALLERY





# READY TO START YOUR NEXT PROJECT ?

CONTACT US TODAY FOR  
A CONSULTATION.



**CC&N Global Ltd**

Summerfield lane

Worcester Road

Summerfield

DY11 7RG



+44 (0) 333 335 5702



[sales@ccnglobal.co.uk](mailto:sales@ccnglobal.co.uk)



[www.ccnglobal.co.uk](http://www.ccnglobal.co.uk)