



STAINLESS FASTENERS

PRODUCT CATALOGUE

STOCK RANGE COVERS IN EXCESS OF
20,000 ITEMS

GRADES A2 (304) AND A4 (316)
IN METRIC, UNIFIED AND IMPERIAL THREAD FORM

www.apexstainless.com




Located in the UK



ON ALL PRODUCTS

**SAME DAY SHIPMENT ON
EXPORT ORDERS AVAILABLE**

www.apexstainless.com



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THE UK'S LEADING SPECIALIST SUPPLIER OF STAINLESS STEEL FASTENERS

Apex Stainless Fasteners was established in 1991 and is now one of Europe's leading specialist suppliers of Stainless Steel Fasteners. We have a worldwide reputation for service, an extensive and comprehensive stock range, along with competitive pricing.

APEX IS 100% FOCUSED ON CUSTOMER CARE

With one of Europe's most experienced, dedicated and efficient sales teams, the Company offers a prompt response to all customer enquiries. We provide the best service possible to ensure customer satisfaction.



AT THE FOREFRONT OF DEVELOPMENT

Through a strategy of selective staff recruitment together with comprehensive training, plus the introduction of fully computerised systems, a strong base has been established which facilitates on-going development and expansion.

THE MAJOR UK SOURCE OF
STAINLESS STEEL FASTENERS WITH

**OVER
4,000 TONS**

OF INVENTORY

A2 (304) & A4 (316) GRADE STAINLESS STEEL FASTENERS

Provided in metric, unified and imperial thread forms, including non-standard products and sizes.

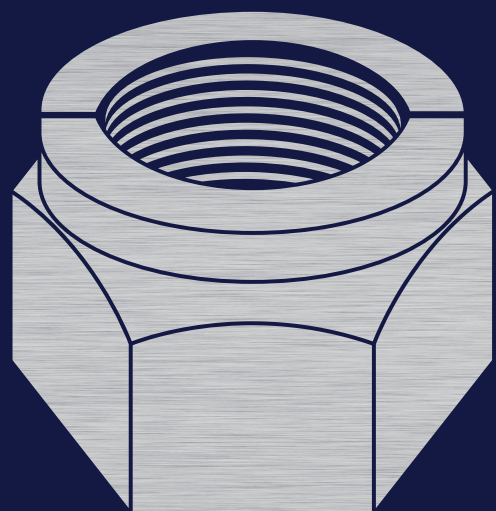


**A WORLDWIDE REPUTATION
FOR SERVICE**

ALL PROCESSES, SYSTEMS AND
PROCEDURES ARE

ISO9001
COMPLIANT
LRQA APPROVED

For both in-house manufacturing
and distribution



**WE MANUFACTURE THE
AEROTIGHT® NUT IN-HOUSE**

The Company incorporates an in-house manufacturing facility geared to the production of Aerotight® all metal stainless steel self-locking nuts and many other special turned parts also in stainless steel, inclusive of customer drawings or specifications.

STAINLESS STEEL QUALITY ASSURANCE

Quality Assured

The Organisation constantly strives to ensure that the products supplied are of the highest quality and that they are produced 100% compliant with International Standards, where applicable.

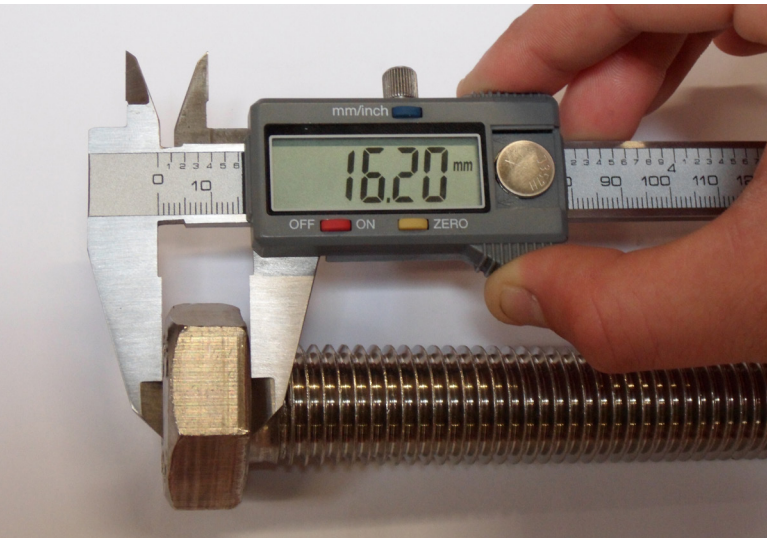
All products are stringently checked through Goods-In upon arrival. The goods are boxed in clearly marked packaging with Relevant Standards, Description, Grade, Lot and Heat Numbers. They are also batched so that contents can easily be identified and traced back to source.

As a result the Company is able to provide Batch Traceability, Certificates of Conformity and Material Certification for the products on request, such that customers can be assured of receiving products fully fit for purpose.

Apex Stainless Fasteners' Manufacturing Division utilises high quality raw material of European origin, with full mechanical and chemical certification.

All processes in house are fully checked through rigorous inspection and testing, with a final approval inspection on completion, thereby ensuring that all Apex manufactured parts are Quality Assured and manufactured to a high standard.

Quality Assurance of our products is crucial, but our Quality Management does not simply end there. The Organisation strives continually to ensure that it provides the very best communication and delivery services to customers with Right First Time as the prime objective.



APEX'S CERTIFICATE OF APPROVAL

Since 1995, Apex Stainless Fasteners Ltd has been approved by Lloyd's Registered Quality Assurance. LRQA have certified that the Quality Management System complies with the ISO 9001 standards of quality assurance, and is applicable throughout all Company warehouse and manufacturing sites.



IN-HOUSE MANUFACTURING DIVISION

Apex Stainless Fasteners incorporates an in-house Manufacturing Division producing specialist Stainless Steel products, including Aerotight® Nuts, Hexagon Rivet Bushes, Allthreads and turned-parts to drawings.

The Stainless Steel raw materials used in Aerotight Nuts® are sourced exclusively from European mills.

The Manufacturing Division is also able to produce a range of items to customers' drawings and specifications. Below are a selection of the items manufactured.

Special Turned Parts can be produced up to 1 ¾ inches (45mm) external diameter.



PRODUCTS AND SERVICES

Apex Stainless provides a wide range of Stainless Steel Fasteners in grades A2 (304) and A4 (316) in metric, unified and imperial thread forms.

The stock range covers in excess of 20,000 items ensuring that all customer requirements can be satisfied. Apex Stainless also offers a wide range of different sized cut-length Allthreads from stock.

All Stainless Steel Fasteners supplied are manufactured in accordance with Relevant International Standards such as DIN, ISO, ANSI or BS, providing assured quality with processes, systems and procedures ISO9001 LRQA approved.

Special Products

Non-standard Stainless Steel Fasteners are supplied to specific customer requirements or drawings, complimenting a complete range of environmentally friendly corrosion resistant standard products.

The prompt supply of non-standard parts is facilitated through in-house and associated manufacturing works. Services such as stay-blackening or plating on certain products are also provided together with the cutting, adaption or threading of products to satisfy individual customers' needs.

Nuts

Washers

Self Tappers

Woodscrews

Security Screws

Throughbolts

Studding

Hex Head Screws

Socket Screws

Machine Screws

Chipboard Screws

Marine Items

Rivets

Aerotight® Nuts



SHIPPING AND PACKAGING

The Company have premises strategically located throughout the United Kingdom which ensures a prompt and reliable nationwide and international delivery service. This includes a next day delivery service for customers in the UK, together with 'same day' shipment on Export orders when specified.

Within the UK, Apex provides various delivery options for all 'ex-stock' items including as the norm a next-day delivery package, or by arrangement early a.m. services. Exports can be despatched within 24 hours of order. All shipments are securely packaged and clearly labelled with Full Carrier Traceability.

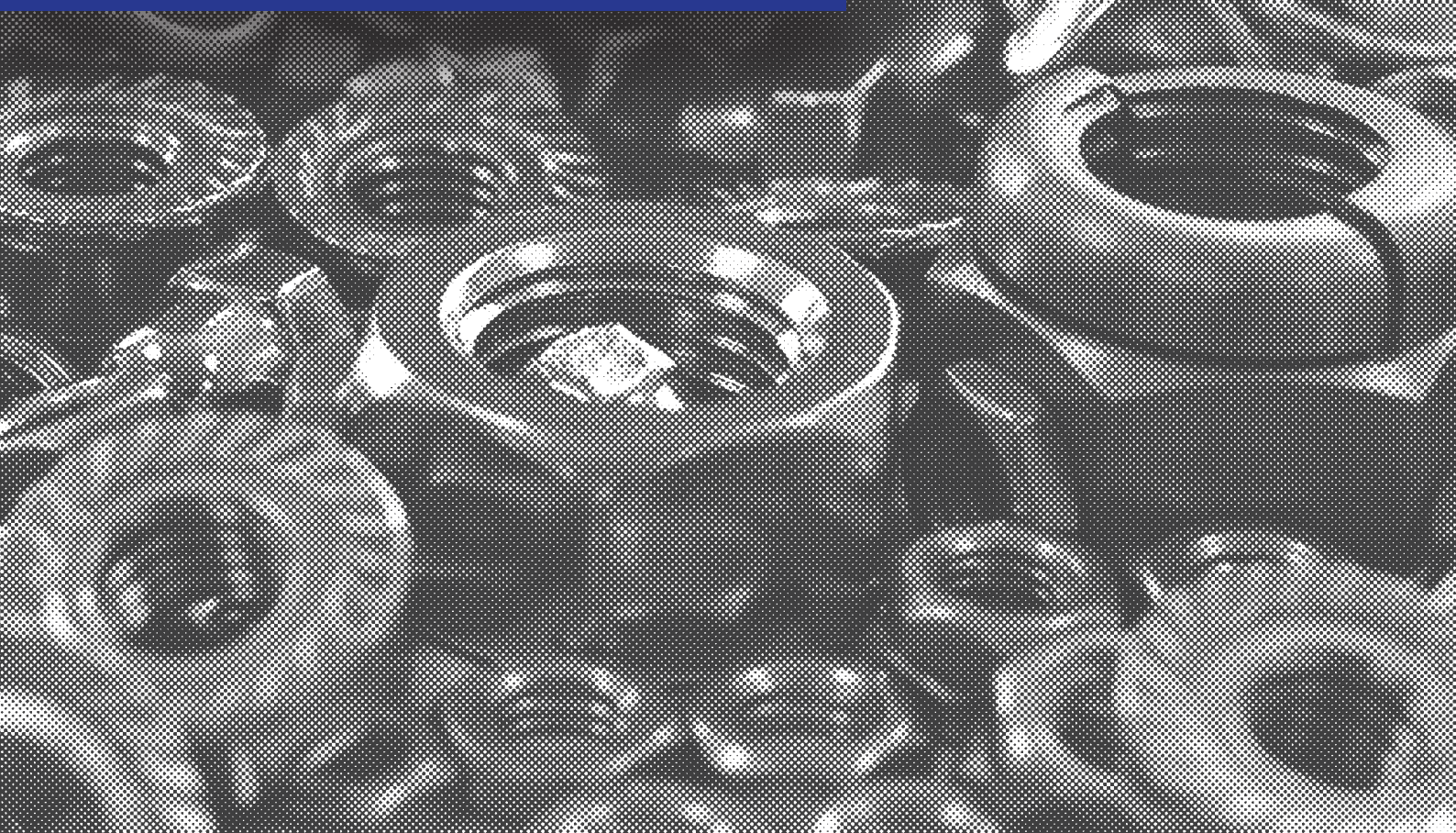
For a schedule of small order shipping and packaging costs applicable within the UK and overseas please contact our sales team.

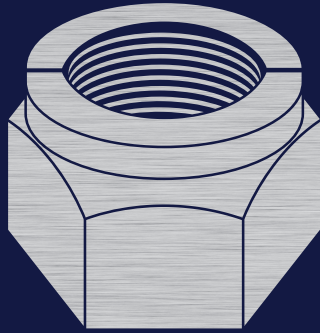


NUTS

Apex prides itself on its comprehensive range of Stainless Steel Fasteners, offering an extensive and diversified product portfolio of Stainless Steel Nuts in grades A2, A4 and A4-80 and in sizes from a micro M1.2 through to M52 diameter. Also available on certain Nut Categories, fine pitch or left-hand thread.

In addition is a wide array of different types of Hexagon Nuts, Connector Nuts, Knurled Thumb Nuts, Square Nuts and Wing Nuts, Apex also offer a range of All Metal Self-Locking Nuts including the world renowned Aerotight® Nut which is manufactured in-house.

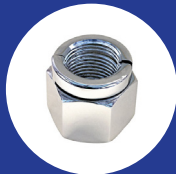




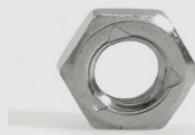
AEROTIGHT® NUT

MANUFACTURED IN-HOUSE
Grades A1 (8% Ni), A4, A4-80

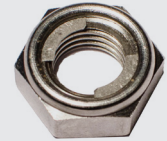
Available in other materials.
Please refer to the Aerotight®
brochure for technical or
further information.



All Metal Self-Locking Nuts



Prevailing Torque Nut
Art 980 V
Grades A2, A4



Stiff Inox Nut
Grade A2

Anti-Vandal Proof Nuts



**Anti-Vandal Proof
Shear Nuts**
Grades A2, A4

Channel Nuts



**Long Spring
Channel Nuts**
Grade A4



Connector Nuts



Hexagon Connector Nut
DIN 6334
Grades A2, A4

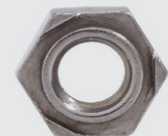
Hexagon Nuts



Hexagon Lock Nut
DIN 439
Grades A2, A4



Hexagon Cap Nut
DIN 917
Grades A2, A4



Hexagon Weld Nut
DIN 929
Grades A2, A4

Continued...

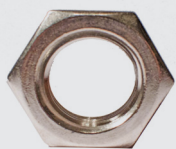


Spring Channel Nuts also
available in a short or
without spring version



Hexagon Lock Nut also
available in fine pitch or
left hand thread form

Hexagon Nuts (Continued)



Hexagon Full Nut
DIN 934
Grades A2, A4, A4-80



Hexagon Castle Nut
DIN 935
Grades A2, A4



Nyloc Insert Nut Type P
DIN 982
Grades A2, A4



Nyloc Insert Type T
DIN 985
Grades A2, A4



Domed Nyloc Nut
DIN 986
Grade A2



Hexagon Dome Nut
DIN 1587
Grades A2, A4



Hexagon Flange Nut
DIN 6923
Grades A2, A4



Hexagon Flanged Nyloc Nut
DIN 6926
Grade A2



* Hexagon Full Nut also available in fine pitch or left hand thread

** Nyloc Insert Type T also available in fine pitch

*** Hexagon Flange Nut & Hexagon Flanged Nyloc Nut available with serration or without serration

Knurled Thumb Nuts



**Knurled Thumb Nut
High Type**
DIN 466
Grade A1



**Knurled Thumb Nut
Thin Type**
DIN 467
Grades A1

Lifting Eye Nuts



Lifting Eye Nut
Casted Eye Nut 582 Type
Not to DIN or CE
Grades A2, A4

Self Locking Counter Nuts



**Self Locking Counter
Nut (Similar to PAL)**
DIN 7967
Grades A2, A4

Square Nuts



Square Nut
DIN 557
Grades A2, A4



Thin Square Nut
DIN 562
Grades A2, A4



Square Weld Nut
DIN 928
Grade A2



Wing Nuts



Wing Nut
American Type
Art 315 AM
Grades A2, A4



Square Weld Nut also
available in Grade A4

SCREWS

There is no better example of Apex's comprehensive range than in its Screw portfolio section, where it offers a full list of standard and non-standard sizes and lengths in A2, A4 and on certain items A4-80. We also stock Cup Square Bolts, Hexagon Headed Screws, Lifting Eye Bolts and Wing Screws to name just a few. Apex also holds in stock a substantial range of Machine Screws, Woodscrews, Chipboard Screws, Socket Head Screws, Self-Drilling Screws, Thread Forming Screws and Self-Tapping Screws with a variety of different types of head drives available, including Pozi, Phillips, Slotted, Hexagon Socket and Six Lobe drive.

Screw Types



TX
6Lobe



H
Phillips



Z
Pozi



Hexagon
Socket



Hexagon



Slot

Chipboard Screws



**Recessed Countersunk
Chipboard Screw**
Grades A2, A4



**Pozi Pan
Chipboard Screw (Z)**
Grade A2



Cup Square Bolts



Cup Square Bolt
DIN 603
Grades A2, A4

Lifting Eye Bolts



Lifting Eye Bolt
Casted Eye Bolt 580 Type
Not to DIN or CE
Grades A2, A4

Hexagon Headed Screws



Hexagon Headed Bolt
DIN 931
Grades A2, A4, A4-80



Hexagon Head Set Screws
DIN 933
Grades A2, A4, A4-80



**Hexagon Non-Serrated
Flange Bolt**
DIN 6921, Grades A2, A4



Machine Screws



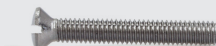
**Slotted Cheese
Machine Screw**
DIN 84
Grades A2, A4



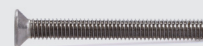
**Slotted Pan
Machine Screw**
DIN 85
Grades A2, A4



**Slotted Countersunk
Machine Screw**
DIN 963
Grades A2, A4



**Slotted Raised Countersunk
Machine Screw**
DIN 964
Grades A2, A4



**Recessed Countersunk
Machine Screw**
DIN 965
Grades A2, A4



Continued...



Hexagon Head Set
Screws also available
with a slotted head



Hexagon Flange Bolt also
available with serration

We also stock micro sizes starting from
M1 and M1.2 diameter

Machine Screws (Continued)



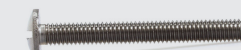
Recessed Raised Countersunk Machine Screw

DIN 966
Grades A2, A4



Recessed Pan Machine Screw

DIN 7985
Grades A2, A4



Slotted Mushroom Head Machine Screw

Grade A2



Self-Drilling Screws



Hexagon Head Self-Drilling Screw

DIN 7504 K
Grade A2



Pozi Countersunk Self-Drilling Screw

DIN 7504 O Z
Grade A2



Pozi Pan Self-Drilling Screw

DIN 7504 M Z
Grade A2



Self-Tapping Screws



Slotted Pan AB Self-Tapping Screw

DIN 7971
Grades A2, A4



Slotted Countersunk AB Self-Tapping Screw

DIN 7972
Grades A2, A4



Slotted Raised Countersunk AB Self-Tapping Screw

DIN 7973
Grade A2



Hexagon Head AB Self-Tapping Screw

DIN 7976
Grade A2



Recessed Pan Head AB Self-Tapping Screw

DIN 7981
Grades A2, A4



Recessed Countersunk Head AB Self-Tapping Screw

DIN 7982
Grades A2, A4



* Slotted Mushroom
Head Machine Screw
available in A4

** Available in H and TX

** Recessed Pan Head AB
Self-Tapping Screw also
available from stock with
a blunt point (Type B)

*** Recessed Countersunk
Head AB Self-Tapping Screw
also available from stock
with a blunt point (Type B), a
truncated or under-cut head

Socket Screws



**Recessed Raised
Countersunk AB
Self-Tapping Screw**

DIN 7983

Grades A2, A4



**Pozi Flanged AB
Self-Tapping Screw Z**

BS4174

Grade A2



**Socket Cap Head with
Self Tapping Thread**

Grades A2



Socket Cap Screw

DIN 912

Grades A2, A4, A4-80



Socket Set Flat Point

DIN 913

Grades A2, A4



Socket Set Cone Point

DIN 914

Grades A2, A4



Socket Set Dog Point

DIN 915

Grades A2, A4



Socket Set Cup Point

DIN 916

Grades A2, A4



**Low Head Socket
Cap Screw**

DIN 6912

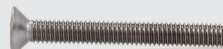
Grades A2, A4



**Low Head Socket
Cap Screw**

DIN 7984

Grades A2, A4



Socket Countersunk Screw

DIN 7991 / ISO 10642

Grades A2, A4



Socket Button

ISO 7380-1

Grades A2, A4



***** Socket Cap Head with
Self Tapping Thread
also available in A4

****** Socket Cap Screw also
available from stock
with full thread

Continued...

Socket Screws (Continued)



Socket Button Flanged
ISO 7380-2
Grade A2



**Six Lobe Drive Cap
Head Screw**
ISO 14579 TX
Grade A2



Thread Rolling Screws



Pozi Pan Taptite Screw
DIN 7500 C Z
Grade A2



**Pozi Countersunk
Taptite Screw**
DIN 7500 M Z
Grades A2



Threaded Bar



Allthreads
DIN 976
Grades A2, A4, A4-80

Apex stocks a wide range of Stainless Steel threaded bar both in A2 (304) and A4 (316) which is readily available in standard industry sizes, including 1, 2 or 3 metre lengths. Also with the Group's in-house manufacturing division, Apex is able to offer sizes and lengths to specific one off customer specifications as well as keeping non-standard cut sizes in stock and readily available. We also carry high tensile A4-80 in various diameters in 3 metre lengths.



Also available in Grade A4
or with a Six Lobe drive



Also available with serration



TX Drive option available

Woodscrews



Slot Raised Countersunk Woodscrew

DIN 95

Grades A2, A4



Slot Round Woodscrew

DIN 96

Grades A2, A4



Slot Countersunk Woodscrew

DIN 97

Grades A2, A4



Hexagon Coachscrew

DIN 571

Grades A2, A4



Pozi Raised Countersunk Woodscrew

DIN 7995 Z

Grade A2



Pozi Round Woodscrew

DIN 7996 Z

Grade A2



Pozi Countersunk Woodscrew

DIN 7997 Z

Grade A2



Wing Screws



Wing Screw American Type

Art 316 AM

Grades A2

WASHERS

With a multitude of different washers to choose from in Apex's Product range, you are sure to find one to fulfil your requirements. Apex holds an extensive range of different types and sizes of washers in stock, from micro-sizes such as M1.6 all the way through to M52. These include some of the industry's standard Flat Round Washers, which are available in both British and to International Standards, as well as an assortment of Shake-Proof, Spring, Square Plate, Tab and Taper Washers.

But it is not only Stainless Steel Washers on offer, Apex also holds in stock a number of Nylon Flat and Nylon Top Hat Washers as well.

Conical Spring Washers



Conical Spring Washer

DIN 6796
Grade A2



Crinkle Washers



Crinkle Washer

BS4463
Grade A2

Nylon Washers



Nylon Flat Washer

DIN 125 A
Nylon



Nylon Top Hat Washer

Nylon

Penny Washers



Penny Washer

Grades A2, A4

Plain Flat Washers



Form A Flat Washer

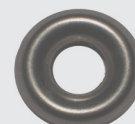
DIN 125 A
Grades A2, A4



Flat Washer

DIN 433
Grades A2, A4

Screw Cup Washers



Hollow Screw Cup

Washers for Self Tappers
Grade A2



Flat Washer

DIN 9021
Grades A2, A4



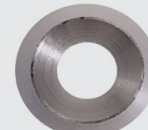
Form B Flat Washer

BS 4320 B
Grades A2, A4



Form C Flat Washer

BS 4320 C
Grades A2, A4



Solid Turned Screw Cup

Washers for Metric
Machine Screws
Grade A2



Also available in A4

Shake-Proof Washers



External Tooth Washer

DIN 6797 A
Grade A2



Internal Tooth Washer

DIN 6797 J
Grades A2, A4



External Tooth Washer

DIN 6798 A
Grades A2, A4



Internal Tooth Washer

DIN 6798 J
Grades A2, A4

Spring Washers



Rectangular Section Spring Washer

DIN 127 B

Grades A2, A4

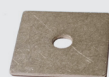


Curved Spring Washer

DIN 128 A

Grades A1, A4

Square Plate Washers



Square Plate Washer

Grades A2, A4

Tab Washers



Single Tab Washer

DIN 93

Grade A4



Curved Spring Washer

DIN 137 A

Grade A1



Wavey Spring Washer

DIN 137 B

Grade A1



Square Section Spring Washer

DIN 7980

Grades A2, A4

Taper Washer



D-Shaped Taper Washer

Grade A4



Wavey Spring Washer
also available in A4

MARINE ITEMS

Apex's Marine Division offers a comprehensive range of Marine related-items in A2 and A4 Stainless Steel Grades. These include but are not limited to a wide array of Chains and Wire Ropes, various Shackles, Thimbles, Hinges, Turnbuckles & Hooks, as well as U-Bolts, Clips, Ferrules in different materials and Pins & Rings.



Chains & Wire Rope



Long Link Chain
DIN 763 (Art No. 8301)
Grade A4



Short Link Chain
DIN 766 (Art No. 8300)
Grade A4



**Flexible Wire Rope
(7x19)**
Art 8382
Grade A4



**Shrouded Wire Rope
(1x19)**
Art 8378
Grade A4



Soft Wire Rope (7x7)
Art 8379
Grade A4



Wire Rope Clips



Wire Rope Clips
Art 8248
Grade A4

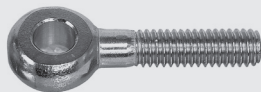


Short (Art. 8253) & Long (Art. 8838) Quick Link for Chains also available.



Soft Wire Rope also available in a Guardrail Variation

Eye Fasteners



Eye Bolt

DIN 444

Grades A2, A4



Lifting Eye Bolts

Casted Eye Bolt 580 Type

Not to DIN or CE

Grades A2, A4



Lifting Eye Nut

Casted Eye Nut 582 Type

Not to DIN or CE

Grades A2, A4



Screw Eyes

Grade A2



A variety of other Eye related Fasteners are also Available including but not limited to:

- **A2, A4 Eye Bolt with Metric Thread** Art 8267
- **A2, A4 Eye Bolt with Wood Thread**
Art No. 8271 / 8974
- **A2, A4 Diamond Pad Eye** Art 8223 / 8264
- **A4 Pad Eye with Oblong Base** Art 8224
- **A2 Eye Plate** Art 8225
- **A2 Wire Eye Strap** Art 8226
- **A2 Diamond Ring Pad Eye** Art 8265
- **A2 Pad Eye** Art 8266
- **A2 Eye Plate Round Type** Art 8353
- **A2 Eye Plate Round Type with Thread** Art 8368

Ferrules

Available in a variety of types:

- **Copper Ferrules** Art 8285
- **Stainless Steel Ferrules** Art 8470
- **Aluminium Ferrules** Art 8471

U-Bolts

Available in a variety of types (Grades A2, A4):

- **U-Bolt with Nut, Washer and Plate**
Art 8230
- **U-Bolt with Two Counter Plates**
Art 8651 / 8979



Duplex (Art 8284) and Simplex (Art 8304) Wire Rope Clips also available



Screw Eyes also available in Art 8473 & 8976 Versions

Pins & Rings

A variety of different pins & rings are available including, but not limited to:

- **Beta Pins** Art 8273 & 8431
- **Steel Pins** Art 8279
- **Safety-Clevis Pins** Art 8356
- **Fast Pins** Art 8474
- **Ring Pins** Art 8383
- **Ring Bolt** Art 8228
- **Rounded Ring Welded & Polished** Art 8229
- **Lifting Rings** Art 8243
- **Dee Rings** Art 8274
- **C Rings** Art 8286
- **Triangle Rings** Art 8349
- **Key Rings** Art 8501

Thimbles & Hinges



Wire Thimbles

Art 8247

Grade A4



A variety of different hinges are available including the following:

- **Left + Right Hinges** Art 8140
- **Door Hinges** Art 8231 & 8234
- **Butt Hinges** Art 8233
- **Strap Hinges** Art 8235
- **Offset Hinges** Art 8237
- **Hatch Hinges** Art 8238
- **Deck Hinges** Art 8313
- **Many more varieties available**

Shackles



Straight D-Shackles

Art 8258

Grade A4

Swivel Shackles

Available in a variety of variations including:

- **Swivel Snap Shackle** Art 8252 / 8262
- **Swivel Eye Snap** Art 8257
- **Eye & Eye Swivel Shackle** Art 8254
- **Swivel Snap Shackle with Bolt** Art 8303
- **Eye & Jaw Swivel Shackle** Art 8255
- **Jaw & Jaw Swivel Shackle** Art 8256



Wire Thimbles Also Available
in a Heavy and Close
Type Version (Art 8536)

Turnbuckles & Hooks



Spring Hooks

Art 8249

Grade A4

Available in a variety of variations including:

- **With Safety Screw & Eyelet** Art 8232
- **With Eyelet** Art 8250
- **With Special Opening** Art 8293
- **With Special Opening & Eyelet** Art 8294
- **Cabin Hooks** Art 8384 / 8650
- **Clavis Grab Hooks** Art 8388
- **S Hooks** Art 8398



Plain Cup Hook

Art 8317

Grade A2



Turnbuckles

Grade A4

Available in a variety of variations including:

- **Turnbuckle with 2 Forks** Art 8245
- **Turnbuckle Eye & Hook** Art 8246
- **Turnbuckle Eye & Eye** Art 8246A
- **Turnbuckle Hook & Hook** Art 8246B
- **Turnbuckle with Fork & Terminal** Art 8275
- **Body of Turnbuckle** Art 8417



Bow H-Shackles

Art 8260

Grade A4

Other Type of Shackles Available include:

- **Fixed Snap Shackle** Art 8288
- **Shackle Twisted Type** Art 8296
- **Sheet Snap Shackle** Art 8290
- **Flat Shackle Short Type** Art 8297

SECURITY

In any industry, Security is critical and to help facilitate this Apex offers a range of tamper-proof fasteners and fixings, ensuring that you can rest assured that they are safe and fit for purpose. Both Machine Screw and Self Tapping Screw variants are available with different types of security drives, Pin Six Lobe, Pin Hex Socket and 2-Pin or Snake Eyes as well as the accompanying keys and bits to lock and unlock these Security Fasteners. Apex also stocks a range of Anti-Vandal Proof Shear Bolts and Nuts offering permanent security and peace of mind.

Screw Types



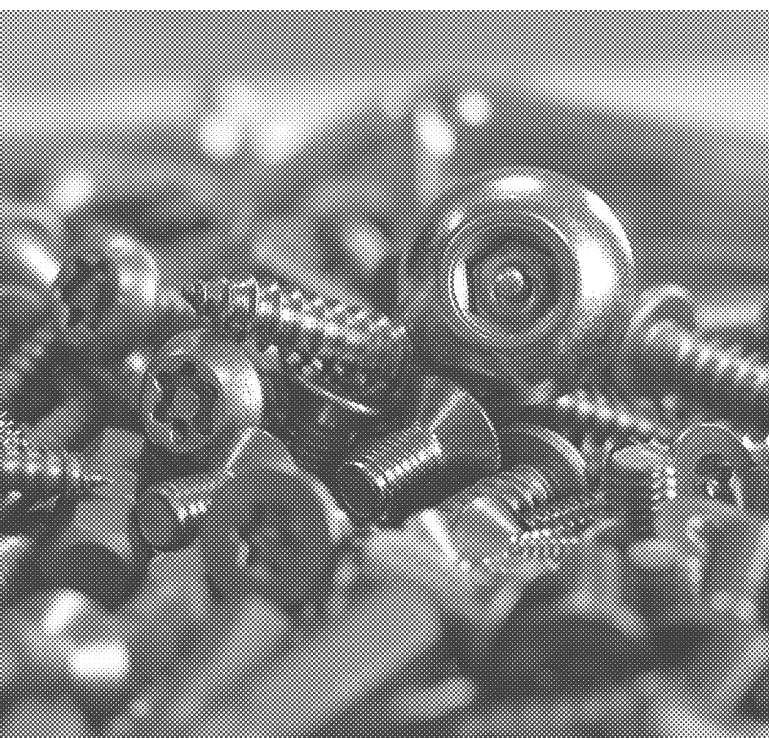
TX
Pin 6Lobe



Pin Hex
Socket



Snake
Eyes



Anti-Vandal Proof Fasteners



Vandal Proof
Shear Bolt
Grades A2, A4-80



Vandal Proof
Shear Nut
Grades A2, A4

Self-Tapping Screws



Pin Hex Button
Self-Tapping
Security Screw
Grade A2



Pin Hex Countersunk
Self-Tapping
Security Screw
Grade A2



Pin Six Lobe Button
Self-Tapping
Security Screw
Grade A2



Pin Six Lobe
Countersunk Self-
Tapping Security Screw
Grade A2



Drive Bits & Keys



Pin Hex Bits



Pin Hex Keys



Pin Six Lobe Bits



Pin Six Lobe Keys



Snake-Eye Bits



Magnetic Hand Drive
with Bit Holder



Pin Hex Button Head
Security Screw
Grade A2



Pin Hex Countersunk
Head Security Screw
Grade A2



Pin Six Lobe Button
Head Security Screw
Grade A2



Pin Six Lobe
Countersunk Head
Security Screw
Grade A2



Snake-Eye
Countersunk
Security Screw
Grade A2



Snake-Eye Pan Head
Security Screw
Grade A2



Machine Screws

OTHER PRODUCTS

As part of Apex's all-encompassing and diversified stock range, there are number of Other Products readily available including Clips, Hose-Clamps, Hammer-drives, Pins, Rivets and Weld Studs.

Apex exclusively also offers as part of its construction fixings range, the hugely popular and 'CE' approved A4 Stainless Steel Throughbolts which are available in different diameters and lengths.



Clips / Clamps



External Circlip
DIN 471
Stainless Steel



Hose Clamp
DIN 3017
Grades A2, A4

Hammerdrives



**Type U Round Head
Hammerdrive**
Grade A2

Throughbolts



Throughbolt
ETA Approved Product
Grade A4



Pins



Solid Dowel Pins
DIN 7
Grades A2, A4

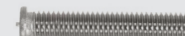


Split Cotter Pins
DIN 94
Grades A2, A4



Spring Tension Pins
DIN 1481
Grade A2

Weld Studs



Weld Studs
DIN 32501 / ISO 13918
Grade A2

Rivets



Blind Dome Rivets
DIN 7337 / ISO 15983
Grade A2



In-House Turned Products



Hexagon Rivet Bush
Grades A1 (8% Ni), A4



Round Rivet Bush
Grade A1 (8% Ni), A4



**Brass Turned
Screw Cup**
Self Colour or
Nickel Plated

Also Available in A2

Also Available in A4

IMPERIAL

As part of its extensive range of metric fasteners and fixings, Apex offer a number of items such as Nuts, Washers, Socket Screws, Machine Screws and Threaded Bar in imperial and unified thread forms in Stainless Steel.

The Aerotight Nut® which is produced in-house is also available in the imperial thread forms listed above, for a list of sizes and technical specifications please see the Aerotight® Brochure for further information.

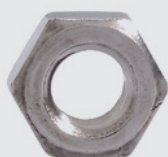
Our Imperial Range

UNC	Unified Coarse Thread
UNF	Unified Fine Thread
BSW	British Standard Whitworth
BSF	British Standard Fine Thread
BA	British Association Thread Forms

Nuts



Aerotight Nuts
Grades A1, A4



Hexagon Full Nuts
Grades A2, A4

Also available (all Grades A2, A4):

- Hexagon Lock Nuts
- Kepp Nuts
- Nyloc Nuts

Screws



Hexagon Head Bolts
Grades A2, A4



Hexagon Head Set Screws
Grades A2, A4

Also available (Grades A2, A4):

- Slotted Cheese Head Machine Screws
- Slotted Round & Raised Machine Screws in BA Thread
- Slotted Countersunk Head Machine Screws
- Slotted Pan Head Machine Screw
- Recessed Countersunk Head Machine Screws
- Recessed Pan Head Machine Screws
- Socket Button Head Screws
- Socket Cap Head Screws
- Socket Countersunk Head Screws
- Socket Set Screws
- Threaded Rod

Washers



Flat Washer
Grades A2, A4



Rectangular Section Spring Washer
Grades A2, A4

READILY AVAILABLE

There are a number of other Stainless Steel Fasteners and Fixings that are Readily Available as part of Apex's comprehensive product portfolio. The following list is a guide to what else is currently available in each product category of more specialised items. If you do not see the item or size that you are looking for, please call one of Apex's friendly and professional sales teams, as this list is not exhaustive and we will be able to assist with your enquiry.

Apex also offers a number of other specialist customisation and modification services to fulfil all of your requirements. Specialist coatings and finishing can be applied to your items, including electro-plating and stay-blackening. Items can be pinned to add extra security, cut down or modified for a specific job, or the group's Purchasing and In-House Manufacturing Division is also able to source or manufacture to your technical drawings.



Nuts



Butterfly Nut
DIN 80701



Cage Nut



**Round & Hexagon
Coupler Nut**



Sleeve Nut



Also available:

- **Channel Nuts**
with short Spring or without Spring
- **Hammer Nuts**
- **Hexagon Nut**
DIN 6330
- **Hexagon Nut with Collar**
DIN 6331
- **Hexagon Thin Nut**
DIN 936
- **Hexagon Slotted Castle Nut**
DIN 937
- **Hexagon Slotted Castle Thin Nut**
DIN 979
- **Hexagon Nuts**
ISO 4032
- **Hexagon Thin Nut**
ISO 4035
- **Compy Nut with Conical Spring Washer**
- **Hexagon Nuts**
UNI 5587
- **Hexagon Insert Press Nut**
- **Hexagon Pipe Nut**
DIN 431
- **Self Tapping Insert**
- **Slotted Round Nuts**
DIN 546
- **Bow Nut**
DIN 80704
- **Weld-On Nuts**



Available in a Slotted
Raised Countersunk and
a Socket Countersunk



Also available in fine pitch
or left hand thread

Screws



**Hexagon Head Pipe
Plugs**

DIN 906 / 908 / 910



Plastite Screws



**Hanger Bolts / Wood to
Metal Dowel Screws**



Engineering Studs
DIN 835 / 938 / 939

Also available:

- Chipboard Screws with Drilling Point
- Chipboard Screws with Cutting Point
- Hammer Head Screws and Tee Bolts
- Wing Screws German Type
DIN 316
- Capstan Screws
DIN 404
- Slotted Screw without Head
DIN 427
- Thumb Screws
DIN 464, 465 & 653
- Slotted Pan Head Screw with Small Head
DIN 920
- Slotted Pan Head Screw with Large Head
DIN 921
- Slotted Pan Head Screw with Shoulder
DIN 923
- Hexagon Head Screw with Slot
DIN 933 SZ
- Socket Low Head Cap Screw with Six Lobe Drive
ISO 14580
- Hexagon Head Screws
ISO 4014 / 4017

Washers



Safety Washers



Tab Washers
DIN 432 / 463

- Square Head Bolts
- Hinge Strip Screws with Six Lobe Drive
- Security Screws with One-Way Drive
- Bi-Metal Self Drilling Screws (with or without Wing)
- Self Drilling Screws with Bonded Sealing Washer
- Cladding Screws
- Truss Head Woodscrews
- Solar Screws

Also available:

- **AFNOR Washers**
NFE 25-511 / 25-514
- **Disc Springs**
DIN 2093
- **Plain Washers**
ISO 7089 / 7090 / 7093
- **Washers for Wood Constructions**
DIN 1052 / 440
- **Washers for Clevis Pins**
DIN 1440 / 1441
- **Square Washers**
DIN 436
- **Washers for Steel Construction**
DIN 7989
- **Bonded Sealing Washers**
- **Serrated Locking Washers**
DIN 6798 'V'
- **Shim Washers**
DIN 988
- **Square Taper Washers**
DIN 434 / 435
- **Washers for Bolts with Spring Pins**
DIN 7349

Other Products



U Bolts / J Bolts



Retaining Rings
DIN 472 / 6799



Rivet Nuts
All Types



Slotted Set Screws
DIN 417 / 438 / 551 / 553



Stainless Steel Nails

Also available:

- **Adjustment Rings**
DIN 705
- **Cotter Pins**
DIN 11024
- **Parallel Keys**
DIN 6885
- **Round Head Rivets**
DIN 660
- **Countersunk Head Rivets**
DIN 661
- **Blindrivets with Countersunk Head**
ISO 15984
- **Closed Blindrivets**
ISO 16585
- **Grooved Pins**
DIN 1471-1474
- **Grooved Pins with Round Head**
DIN 1476
- **Slotted Spring Pins**
ISO 8750 / 8752
- **Taper Pins**
DIN 1
- **Construction Products**



**A WORLDWIDE REPUTATION
FOR SERVICE**

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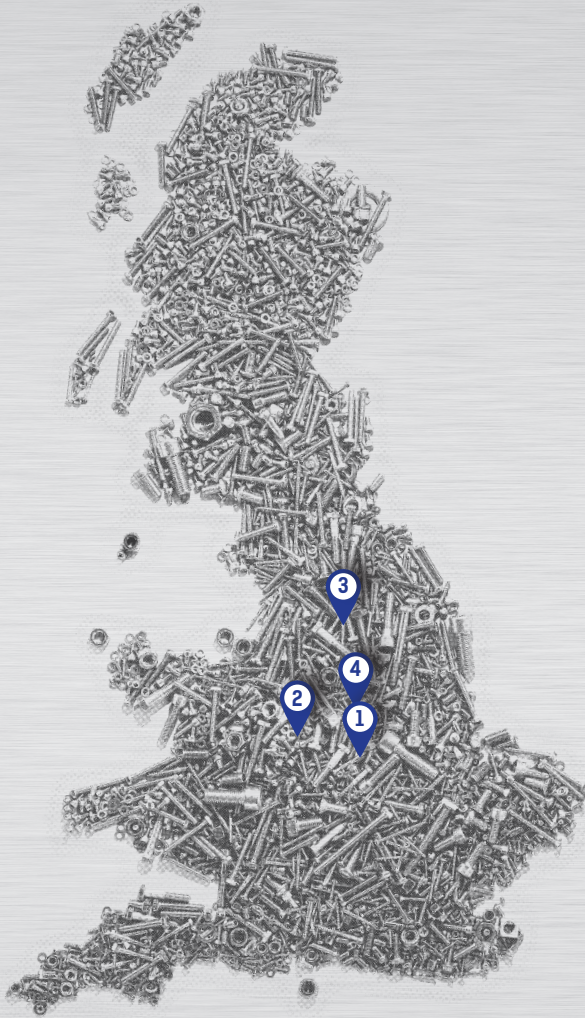
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