



**Get Yourself
Connected**

we make it simple

...that's our aim. We want to make it as simple as possible for our Customers to get their job done. With over **10 million individual fasteners in stock** we've got our work cut out.

We have a really simple formula... **Right Product, Right Time, Right Price.** We don't look at what makes it simple for us, we adapt to our customers needs. If you think that we can make it easier for you in any way just speak to us and we'll try to work something out.

Stock

Availability makes your life easier...

There's a seemingly endless list of fasteners each with variations of diameter, length, thread type, material and coating and it's important for our customers that we stock the right products. In 2008 we developed a stock forecasting system that gives us the facility to predict the sales and stock requirement based on our sales history. This system now provides a stock availability of over 90% of items ordered. To back this up, we have established excellent relationships with many global manufacturers and UK importers to source the remaining stock. For us this isn't as simple as making sure you get the product that you asked for, we try to understand as much about your needs as we can to make sure that you get the right product.

Range

We probably do more than you think...

We have also expanded our product range to help you find a more complete solution, for example, when you're looking to buy tools do you think of Grampian Fasteners? We stock a large range of tools along with a wide range of consumables, abrasives, drills, adhesives and sealants.

Many of our customers find that reducing their number of suppliers reduces their overall costs. This could be an area where we can help your business.

solution in challenging situations. We are a family business with big ambitions and a forward thinking approach. We now have feedback channels in place and we welcome your comments whether they are good or bad.

Technology

This is one of the areas that really sets us apart from our competitors. With our in-house developed I.T. system every batch of stock that we receive is uniquely bar-coded. Using wireless devices with scanning capabilities we can locate stock quickly and update quantities in real-time. Picking errors are a thing of the past as the system identifies where a picked item doesn't match the customer's order. Our investment in technology has real benefits to our customers and some of the capabilities are listed below:

- Running consignment stocks
- Storing customer specific part numbers for ease of ordering
- Creating custom labels as per your requirements (listing project numbers etc)
- Special bagging requirements
- Instant POD requests
- Detailed quote and order history
- Real time picking status

"We treat our customers in the same way that we expect to be treated."

"Our system now provides a stock availability of over 90% of items ordered"



Price

Nobody wants to pay over the odds...

We treat our customers in the same way that we expect to be treated. That's why we use our industry knowledge to source from the best suppliers and manufacturers enabling you to reduce your costs.

We believe that we should always provide our customers with value for money. Some of the brands that we've partnered with are often seen as being expensive in relation to other brands on the market. When we decide to stock a particular brand we look at all of the aspects that we believe contribute to a 'value' range of products, the level of technical backup available, the manufacturing and stocking abilities, product development and innovation and of course the price of the product. It all goes back to making it simple.

A Friendly Service

Sadly lacking in a lot of companies...

And this is something that we give you for FREE! It doesn't cost anything to be polite and friendly and we genuinely care about our customers. Like everyone else we sometimes make mistakes but it's how we deal with them that sets us apart. We try our best to find a

Technical Assistance

We're here to help...

We have experienced staff that will be keen to help you with any technical query you have including technical drawings, non-standards and exotic materials. We can also advise on product selection based on your specific application. If we do not know the answer to your question, we will certainly find it and get back to you.

Innovation

We're always thinking of better ways to do things...

Aside from our massive investment in technology, we're constantly searching for innovative products that can provide new solutions to old problems. Nordlock® washers are a great example of this. Although they were originally specified in areas of high vibration, new applications are being identified where there is any movement in a bolted joint. In areas of safety the price implications are irrelevant but anyone involved in equipment maintenance should consider the potential savings. Fischer fixings are another example of an innovative company who hold numerous design patents for their solutions within the construction fixing sector. The technical backup from Fischer is second to none.

We have a huge selection of fasteners in stock. There are too many to list but below is a selection from our standard range.

Threaded Fasteners

1. Hex Head

Hex Bolts
Hex Setscrews

2. Socket Head

Capscrews
Socket Setscrews
(Grub Screws)
Button Head Sockets
Countersunk Sockets

3. Machine Screws

Pan Heads
Cheese Heads
Countersunk
Slot and Pozzi Drives

4. Nuts

Hex Full Nuts,
Nyloc Nuts, Half Hex
Nuts, Wing Nuts, Dome
Nuts, Heavy Hex Nuts,
All Metal Locking Nuts
Zebedee (Spring
Channel Nuts)

5. Washers

Flat Washers, Penny
(Repair) Washers, Spring
Washers, Shakeproof
Washers, Square
Washers, Tab Washers,
Thru Hardened Washers,
Dowty Washers

6. Studding

1 Metre Lengths
3 Metre Lengths
Custom Cutting

7. Tamper Proof

Pin Button Hex
Pin Button Torx
Tamper Proof Nuts

8. Lifting Equipment

Lifting Eyebolts
Lifting Eye nuts

1. Hex Head



2. Socket Head



3. Machine Screws



4. Nuts



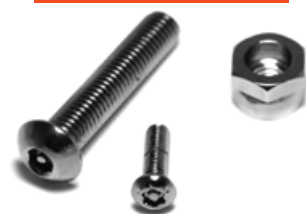
5. Washers



6. Studding



7. Tamper Proof



8. Lifting Equipment



9. Grease Nipples



10. Miscellaneous



9. Grease Nipples

Straight Grease Nipples
45° Grease Nipples
90° Grease Nipples

10. Miscellaneous

Cup Square Hex, U Bolts
Engineering Studs,
Roofing Bolts, Taplites
Anti Luce Pins, Bulldog
Grips, Shoulder Screws

With over 10 million individual fasteners in stock we're sure to have the perfect product for you - whatever your individual requirements...



Unthreaded Fasteners

1. Pins



2. Circlips



3. Miscellaneous



1. Pins

Split Cotter Pins
Sellock Pins
Spirol Pins
Dowel Pins
Taper Pins
Clevis Pins
R Pins
Anti-Luce Pins
Lynch Pins

2. Circlips

Internal Circlips
External Circlips
E Clips

3. Miscellaneous

Timber Toothed
Connectors, Woodruff
Keys

Specials

Custom components to your specification

As well as our huge range of standard fasteners we can source virtually any fastener component based on your drawing and technical specification. Some examples could be: Drilled Bolts, Fitted Bolts, Shoulder Screws and Shear Screws.

Specials can also be components made from exotic materials or finishes, some of which are listed below:

Materials

316L
17-4 PH
Inconel
Monel
Silicon Bronze
Titanium
Aluminium
Incoloy
Phosphor Bronze

Coatings

Xylan
PTFE
Sheridised
Dacromet
Nickel Plating
Everslick



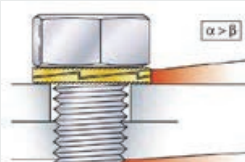
Jubilee Clips

The world famous Jubilee worm drive hose clip was conceived by Commander Lumley Robinson, the founder of L Robinson and Company, in 1921.

Jubilee are still the finest hose clip manufacturers, and continue to set the standard to which their competitors aspire. This is why Grampian Fasteners only stock genuine Jubilee Clips.



NORD-LOCK



NORD-LOCK is a pair of washers with a wedge-locking action meeting DIN 25201 which is a unique method using tension instead of friction. The rise of the cams between the NORD-LOCK washers is greater than the pitch of the bolt. In addition, there are radial teeth on the opposite side. The washers are installed in pairs, cam face to cam face.



When the bolt and/or nut is tightened the teeth grip and seat the mating surfaces. The NORD-LOCK washer is locked in place, allowing movement only across the face of the cams. Any attempt from the bolt/nut to rotate loose is blocked by the wedge effect of the cams.

Here you see what happens when a bolt is untightened with a wrench. The pair of washers expand more (angle α) than the corresponding pitch of the thread (angle β) allows the bolt/nut to rise.

NORD-LOCK washers positively lock the fastener in a joint which is subjected to any kind of vibration or dynamic loads.



The advantages of using Nordlock washers are:

- Maximum safety (considerably outperforms nylocs and spring washers)
- Resists loosening caused by vibration and dynamic loads
- Ease of assembly and disassembly
- Locking function is not affected by lubrication
- Positive locking at low and high preload levels
- Controllable preload
- Same temperature characteristics as standard bolt/nut
- Reusable
- Available in stainless steel and Delta Protekt®

Materials and Finishes

Most Common Grade

Mildsteel Grade 4.6
High Tensile Steel Grades 8.8, 10.9, 12.9, 14.9
Stainless Steel Grades A2-70, A4-70, A4-80
Brass
Nylon

Most Common Finishes

Self Coloured (SC)
Bright Zinc Plated (BZP)
Hot Dip Galvanized (HDG)
Zinc & Yellow (ZY)



Visual Guide



Self Coloured



Bright Zinc Plated



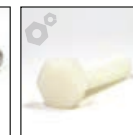
Hot Dip Galvanized



Zinc and Yellow



Stainless Steel



Nylon



Brass

Construction Fixings

Like fasteners, there are a huge range of Construction fixings available. We hold a large selection in stock and can help you find the right product for your application.



Steel Anchors



Chemical Fixings



General Fixings



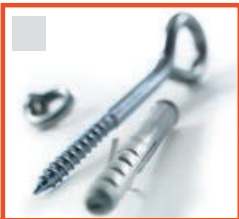
Cavity Fixings



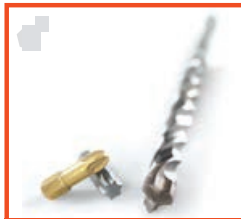
Frame Fixings



Foams and Sealants



Scaffolding Fixings



Drills and Bits



Insulation



Sanitary Fixings



Electrical Fixings



Installation Systems

Construction Fixings

1. Self Drilling Screws

Timber Fixings
Stitchers
Big Sixes
Hot Rolled Rails
Z Purlins
Composite Panels

2. Screws

Self tapping screws
Woodscrews
Coach screws

3. Rivets

Aluminium
Steel
Stainless Steel
Large flange
Multigrips
Peel rivets

1. Self Drilling Screws



2. Screws



3. Rivets

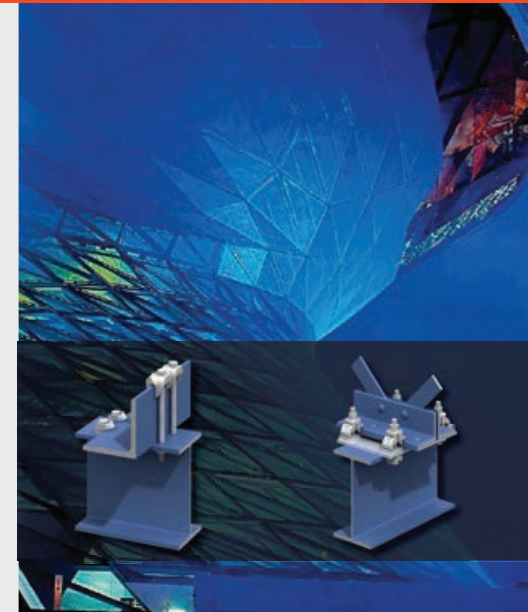


Call us on:
01224 772777
to discuss your
requirements

lindapter[®]
Established 1934

Lindapter are the leading provider of weld free steel-work connections who's benefits and services include:

- No Welding
- No Site Drilling
- Guaranteed Loads & Factor of Safety
- No damage to protective coatings
- Safe in hazardous environments
- Adjustable on-site
- CAD Assembly Drawings
- Connection Assembly Design
- Site Visits
- Bespoke Product Design






For 70 years Beta have been manufacturing some of the worlds best tools, and for 40 years they have been tested and developed within the demanding world of motorsport.

Because of development like this, they can offer a lifetime warranty on all hand tools.

With a company turnover in excess of €100m Beta Utensili have been the choice of numerous motorsport champions including Michael Schumacher (F1), Gigi Galli (WRC) and Valentino Rossi (MotoGP)



• Containers and Assortments • Wrenches • Hexagon male-end & XZN wrenches • Tools for Torx & Tamper Resistant Torx Screws • Sockets & Accessories • Multipliers & Torque Wrenches • Pliers and Nippers • Self-locking Pliers & Clamps • Screwdrivers & Bits • Tools for Electronics & Electrotechnics • Insulated & Spark-proof Tools • Chisels & Hammers • Cutters & Files • Drilling & Threading Tools • Measuring & Marking Tools • Plumbing Tools • Vehicle & Body Repair Tools • Building Tools • Pneumatic Tools • Hard Thermoformed Trays • General Maintenance Tools • Safety Footwear • Foam Trays

Solutions for Industry



Customized Foam Inserts

Compile your desired tools and we will create one-off foam inserts to house each tool safely and securely. This is especially useful when toolboxes are being moved around and the two-tone foams helps you quickly identify when a tool is missing. This service is available for any toolbox and can also be applied to hand held boxes creating a great protective environment for your items.



Electronic Locking

We can now provide a security solution in the form of electronic locking.

- Can be fitted to most tool cabinets
- Requires electric supply
- Logs user access to the tool cabinet
- Ideally used in conjunction with foam inserts
- Auto locks cabinet after preset time
- Can provide restricted access (i.e only allow access during shift times)
- Lock operated by key pad or proximity switch
- Keypad can operate more than one cabinet at the same time
- Access to the toolbox is programmable - it can run as a stand alone or linked to a computer



Drawer Logging

- Used in conjunction with the Electronic Lock
- Logs time and date that each drawer was opened and by whom (person that opened the tool cabinet)
- Logs the time and date that the drawer was shut (person that opened the tool cabinet)
- Requires computer terminal at each work station or several work station networked

Tool Logging

- Used in conjunction with the Electronic Lock and Tool Foam Inserts
- Ideally used with drawer Logging
- All tools assigned a 2D matrix code
- 2D matrix code fixed to foam
- Individual tools uniquely marked for ID purposes
- Requires operator to scan 2D matrix code
- Computer required at each work station



Silicones & Adhesives



Call 01224 772777 or visit:
www.grampianfasteners.com



With over 400 products available, Everbuild are the UK's largest independent manufacturer and supplier of sealants, adhesives, fillers and building chemicals. They're products are favourites of DIY'ers, Tradesman and national contractors alike.

Professional Sealants

Huge selection available for a variety of purposes

Expanding Foam

Expands on application

Pinkgrip

Sticks just about anything that needs sticking!

Stixall

Bonds and seals virtually anything.

Industrial Superglues

Available to suit all surfaces and purposes

Cleaners and Lubricants

For all industrial purposes



Sealants

Stixall

Foams

Superglue

Cleaners



Fifty years of success has made Loctite® the world leader in the development and manufacture of high-performance adhesives, sealants and chemical products. Henkel Loctite has approx 55,000 employees and operates in over 120 countries worldwide and their commitment to research and development has resulted in the most technically advanced range of products available today.

- Threadlocking
- Pipe and thread sealing
- Retaining
- Gasketing
- Instant adhesives
- Flexible sealing and bonding
- Structural bonding
- Metal filled compounds
- Lubrication
- Surface treatment and rust prevention
- Wearing compounds
- Emergency repair products
- Surface preparation, activators and primers
- Cleaning products
- Application tools



Threadlocking



Instant Adhesives



Greases



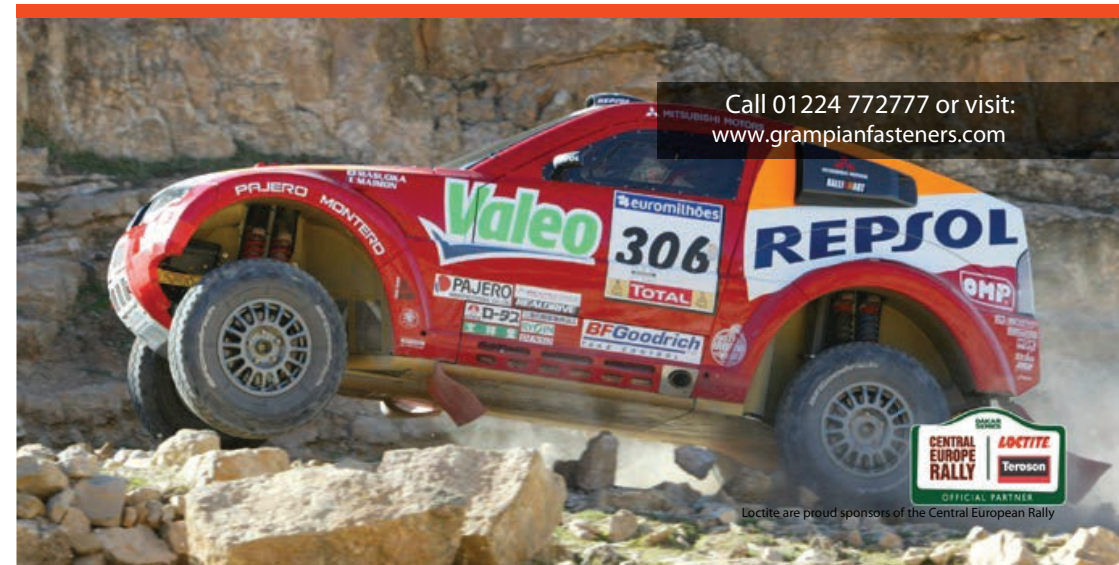
Pipe and Thread Sealing



Retaining



Cleaning products



Call 01224 772777 or visit:
www.grampianfasteners.com



Loctite are proud sponsors of the Central European Rally

Abrasives



For over 50 years Flexovit have been a world leader in the manufacturing of coated abrasives, bonded abrasives and diamond products. We have chosen to stock Flexovit because they are widely recognised as the number one brand for quality and choice in abrasives.



Coated Abrasives

- Hand sanding sheets
- Cloth, paper & soft rolls
- Paper & soft touch discs
- Fibre discs
- Flap discs
- Flap wheels
- Belts
- Spirabands
- Quick change discs
- Cartridge rolls



Flexbrite Non-Woven Abrasives

- Surface blending discs & belts
- Quick change discs
- Flexclean discs
- Flap wheels and brushes
- Satinex wheels
- Unitized wheels
- Convolute wheels
- Floor pads



Cutting & Grinding Discs

- Wheels for Angle grinders
- Small diameter wheels
- Foundry
- Rail
- Large diameter wheels



Diamond Blades

- Angle grinders & hand drills
- Tile & masonry saws
- Petrol handheld & floor saws



Bonded Abrasives

- Grinding wheels, Bench wheels
- Dishes, Cups
- Discs, Cylinder
- Dressing sticks
- Stones
- Segments
- Mounted points & wheels
- Organic cut-off wheels
- Foundry
- Organic mounted points & wheels



Super Abrasives

- Grinding wheels
- Diamond dressing tools

Drill Bits



Drill Bits

Masonry Bits

- SDS Plus bits
- SDS Max bits
- Rotary masonry bits
- Rebar cutters

Metal Bits

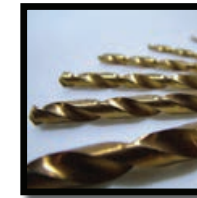
- HSS Jobber drills
- Cobalt drills
- Blacksmith drills (reduced shank)
- Broaching cutters (for mag drills)

Wood Bits

- Flat bits
- Hex/SDS shank auger bits
- Brad point bits

General Drills

- Tile and glass drill bits
- Cone drill
- Countersink drills
- Holesaws
- Jigsaw blades



Call 01224 772777 or visit:
www.grampianfasteners.com



ACTION CAN
Aerosols for Industry



Since 1947 Action Can have been manufacturing over sixty premium industrial aerosol products, bulk fluids and compounds.

The quality of Action Can products is endorsed by the approvals they proudly hold from many leading companies. Their company is focused on delivering premium grade products at very competitive prices.

Their range consists of:

- General lubricants
- Cutting/Tapping fluids and compounds
- Silicone lubricants
- Gas leak detectors
- Anti-seize compounds
- Food safe lubricants
- Greases

RUST-OLEUM®

Rust-Oleum Corporation is a worldwide leader in protective paints and coatings for both home and industry.

They offer a wide product range including:

Durable industrial floor coatings

- Anti slip solutions
- Anti-scurf and anti cracking

Rust-preventative spray coatings

- Primers
- Cold galvanising solutions
- Zinc coatings
- RAL topcoats
- Fluorescents
- Metallic's
- Heat resistant and clear topcoats



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www.grampianfasteners.com

DIY Consumables

As well as professional quality tools we also stock a large selection of DIY tools and general consumables which represent excellent value for money.



Power tools



Cable Ties

Trade Shop

At our premises in Dyce we have a trade shop where you can browse through all of our tools and consumables. You can also be taken round our warehouse to see our core range of fasteners.

Our staff are always on hand to answer any questions you may have.

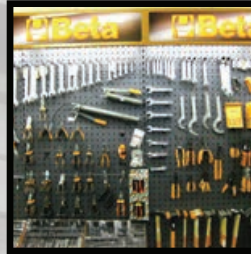
Store Opening Hours

Monday - Friday: 8:00am - 5:00pm

Shop Online:

www.grampianfasteners.com

Major Credit Cards Accepted:



Thread Chart

Metric Diameter MM	Equivalent Diameter in Decimal Inches	Nearest Equivalent Diameter in BA Inches Decimal	Nearest Equivalent Unified numbered sizes	Metric		Width Across Flats (Maximum)			Threads Per Inch								
				MM	Inch	UNC Normal Series	UNC Heavy Series	UNC	BSW & BSF	BA inches	Pitch Metric Coarse MM	Pitch Metric Fine MM	UNC	UNF	BSW	BSF	BA
2	0.078	9/64 (.075)	No.2 (.086)	4	0.157	-	-	-	-	0.075	0.4	56	64	-	-	-	65.1
2.5	0.098	7/64 (.095)	No.3 (.099)	5	0.197	-	-	-	-	0.172	0.45	48	56	-	-	-	52.9
3	0.118	6/64 (.110)	No.4 (.112)	5.5	0.216	0.187	-	-	-	0.193	0.5	40	48	-	-	-	47.9
3.5	0.137	5/64 (.126)	No.5 (.125)	6	0.236	-	-	-	-	0.22	0.6	40	44	-	-	-	43.1
4	0.158	4/64 (.142)	No.6 (.138)	7	0.276	0.25	-	-	-	0.248	0.7	32	40	-	-	-	38.5
-	-	3/64 (.161)	-	-	-	-	-	-	-	0.282	-	-	-	-	-	-	34.8
5	0.197	2/64 (.185)	No.8 (.194)	8	0.315	0.25	-	-	-	0.324	0.8	32	36	-	-	-	31.4
-	-	3/16 (.187)	No.10 (.190)	-	0.312	0.312	-	-	-	-	-	24	32	-	-	-	-
-	-	0/64 (.236)	-	-	-	-	-	-	-	0.413	-	-	-	-	-	-	25.4
6	0.236	1/4 (.250)	-	10	0.394	0.438	0.5	0.438	0.445	-	1	20	28	20	20	26	-
8	0.315	5/16 (.312)	-	13	0.512	0.5	0.562	0.5	0.525	-	1.25	1	18	24	18	22	-
10	0.393	3/8 (.375)	-	17	0.669	0.562	0.687	0.562	0.6	-	1.5	1.25	16	24	16	20	-
-	-	7/16 (.437)	-	-	-	0.687	0.75	0.687	0.71	-	-	-	14	20	14	18	-
12	0.472	1/2 (.500)	-	19	0.748	0.75	0.875	0.82	0.82	-	1.75	1.25	13	20	12	16	-
14	0.551	9/16 (.570)	-	22	0.866	0.875	0.937	0.875	0.92	-	2	1.5	12	18	12	16	-
16	0.629	5/8 (.625)	-	24	0.945	0.938	1.062	0.938	1.01	-	2	1.5	11	18	11	14	-
18	0.709	11/16 (.689)	-	27	1.063	1.031	-	-	1.031	1.2	2.5	1.5	11	14	11	14	-
20	0.787	3/4 (.750)	-	30	1.181	1.125	1.25	1.125	1.2	-	2.5	1.5	10	16	10	12	-
22	0.866	7/8 (.875)	-	32	1.26	1.312	1.437	1.312	1.3	-	2.5	1.5	9	14	9	11	-
24	0.945	1 (1.000)	-	36	1.417	1.5	1.625	1.5	1.48	-	3	2	8	12	8	10	-
27	1.063	1 1/8 (1.125)	-	41	1.614	1.687	1.812	1.687	1.67	-	3	2	7	12	7	9	-
30	1.181	1 1/4 (1.250)	-	46	1.811	1.875	2	1.875	1.86	-	3.5	2	7	12	7	9	-
33	1.299	1 3/8 (1.375)	-	50	1.968	2.062	2.187	2.062	2.05	-	3.5	2	6	12	6	8	-
36	1.417	1 1/2 (1.500)	-	55	2.166	2.25	2.375	2.25	2.22	-	4	3	6	12	6	8	-
39	1.535	1 5/8 (1.624)	-	60	2.362	2.437	2.562	2.437	2.41	-	4	3	6	12	5	7	-
42	1.653	1 3/4 (1.750)	-	65	2.559	2.625	2.75	2.625	2.58	-	4.5	5	5	5	5	7	-
48	1.889	1 7/8 (1.889)	-	75	2.933	2.812	2.937	2.812	2.81	-	5	5	5	5	5	7	-
52	2.047	2 (2.000)	-	80	3.149	3	3.125	3	2.76	-	5	5	5	5	5	7	-
56	2.204	2 1/4 (2.250)	-	85	3.346	3.375	3.5	3.375	3.15	-	5.5	5	5	5	5	7	-
60	2.362	2 3/8 (2.375)	-	90	3.543	3.562	3.562	3.562	3.34	-	5.5	5	5	5	5	7	-
64	2.519	2 1/2 (2.500)	-	95	3.74	3.75	3.875	3.75	3.55	-	6	6	6	6	6	8	-
68	2.677	2 3/4 (2.750)	-	100	3.937	4.125	4.25	4.125	3.89	-	6	6	6	6	6	8	-
72	2.834	2 7/8 (2.875)	-	105	4.133	4.312	4.312	4.312	4.05	-	6	6	6	6	6	8	-
76	2.992	3 (3.000)	-	110	4.329	4.5	4.652	4.5	4.18	-	6	6	6	6	6	8	-
80	3.149	3 1/8 (3.125)	-	115	4.525	4.687	4.687	4.687	4.34	-	6	6	6	6	6	8	-



Grampian Fasteners

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Dyce, Aberdeen, AB21 0DP

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w: www.grampianfasteners.com