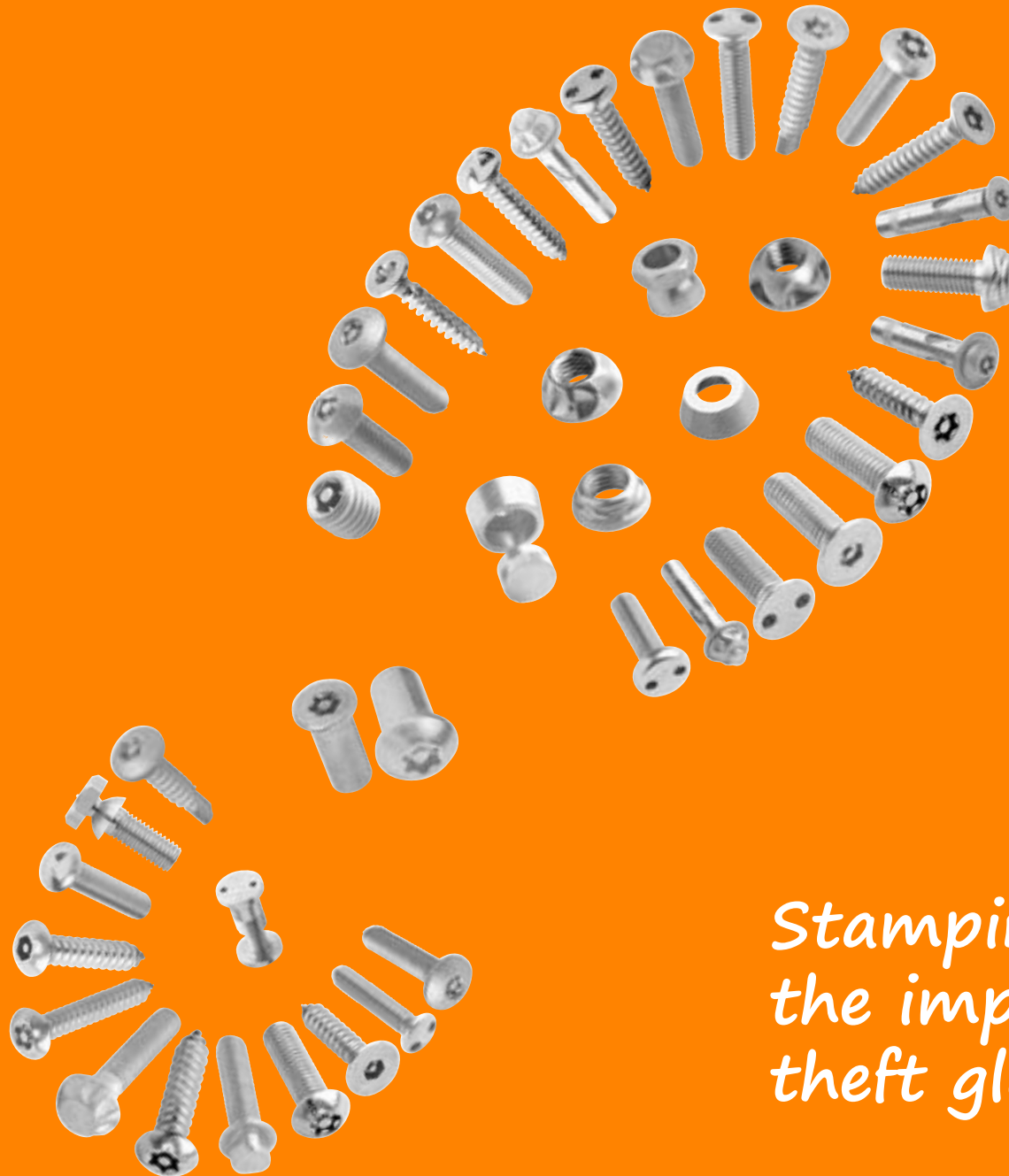




Hafren
security fasteners



*Stamping out
the impact of
theft globally*

Product profile
Edition 4



■ security ■ health & safety ■ aesthetics

Welcome to Hafren

Stamping out the impact of theft globally

Specialists in security and tamper-resistant screws, nuts and bolts.

Unrivalled experience built up over many years has given us the knowledge, understanding and expertise to help. We have a reputation for quality, stock availability, technical back-up and personal service.

Our customer service team and Distributor Network provide an extensive range of services including technical advice, samples and a testing service. Whatever the challenge, Hafren are here to assist the customer to stay ahead of anyone wanting to tamper with or steal products or property.

The need to safeguard against theft, vandalism and tampering is an increasingly essential part of many design specifications. To counter these threats Hafren supply a comprehensive range of tamper-resistant fasteners which have a variety of uses, from airport security to restriction of access in computer chip technology.

So when it comes to security, peace of mind, unrivalled quality, specify Hafren.



Entry level security

Fasteners offer protection from vandalism and opportunistic crime. Drivers tools can be purchased by the general public.



Enhanced security

Fasteners are less common and less recognisable. Driver tooling is non-standard and harder for the general public to buy.



Medium security

Rarer (less well-known) products. Supply of driver tooling is controlled, less readily available to buy, enhancing the security of the assembly.



High security

Either 1-way permanent fixings, or rare Hafren patented high security products requiring specialist tooling to remove (only available from Hafren approved distributors).



Maximum security

Highest security available. Products are either 1-way permanent fixings, or require bespoke exclusive, custom made driver tools to remove.

Contents

1. Welcome to Hafren
2. Public Sector
4. Kinmar® Permanent
5. Kinmar® Removable
6. Nogo™
8. Public Transport
10. Power6™
11. Sentinel®
12. 5-Lobe Pin
13. Solok™
14. Automotive
16. Armour Ring™
17. Scroll™
18. 2-Hole
19. Shear Bolts & Nuts
20. Barrel Nuts
21. Anchors
22. Other Hafren Security Fasteners
24. Contact Us

Can you afford not to?



Public Sector

All around us in the public sector are easy targets for terrorism, vandalism, petty theft or maybe just health and safety requirements.

1. Refuse Bins
2. Park Benches
3. Speed Cameras
4. Prisons
5. Flag Poles
6. Bike Share Schemes
7. Sculptures / Monuments
8. Fencing /Barriers
9. Cycle Storage
10. Handrails
11. Traffic Lights
12. Street Lights
13. Museums
14. Rail Stations
15. Roof Lights
16. CCTV
17. EV Charging Points
18. Parking Meters
19. Signs
20. Bus Stops
21. Car Parks
22. Shopping Centres
23. Football Stadia
24. Hotels
25. Window Locks

REMEMBER: Don't take the risk - secure it -
"it's a small price to pay".

Kinmar®

Permanent

Patented Product

The ultimate high security one way nut

This permanent nut requires a matching driver socket for installation giving you guaranteed torque levels and can be re-torqued if required. Not governed by a shear point and leaving no unplated surfaces, it leaves a clean smart finish.

- Stocked in Case Hardened Steel Zinc Plated (CR-3) and Geomet®, also Stocked in A2 Stainless Steel
- Other materials and finishes available to order subject to minimum order quantities
- Kinmar® Permanent drive is also stocked in bolt form, in Case Hardened Steel Zinc Plated (CR-3) and Geomet®. Sizes M8 x 25mm / M8 x 40mm. Other sizes available to order subject to minimum order quantities

Kinmar®
Permanent



1
WAY

Security
Rating

5



Installed using a matching driver socket



London Eye

Due to the public and iconic nature of this attraction, security fasteners were specified throughout the project to ensure safety and security.



Kinmar®

Removable

Patented Product

Unique Hafren segment shaped nut. The ultimate two-way security nut - extra resilient to attack.

This removable nut requires a matching driver socket for installation and removal. This cost effective nut has a smooth aesthetically pleasing design which makes it an extremely versatile nut.

- Stocked in Case Hardened Steel Zinc Plated (CR-3) and Geomet®, also Stocked in A2 Stainless Steel
- Other materials and finishes available to order subject to minimum order quantities
- Kinmar® Removable drive is also stocked in bolt form, in Case Hardened Steel Zinc Plated (CR-3) and Geomet®. Sizes M8 x 25m / M8 x 40mm. Other sizes available to order subject to minimum order quantities

Kinmar®
Removable



2
WAY

Security
Rating

4



Nogo™

Patented Product

The Nogo™ is a 2-Part enclosure offering the highest security for any nut or bolt.

This patented product doesn't require any specialist tools; you simply hammer the cap into the base making access to the enclosed nut or bolt near impossible.

- Home Office approved
- Sold Secure Silver Award
- Stocked in Case Hardened Steel
Zinc Plated (CR-3)

Nogo™



Type 1: For bolts and screws

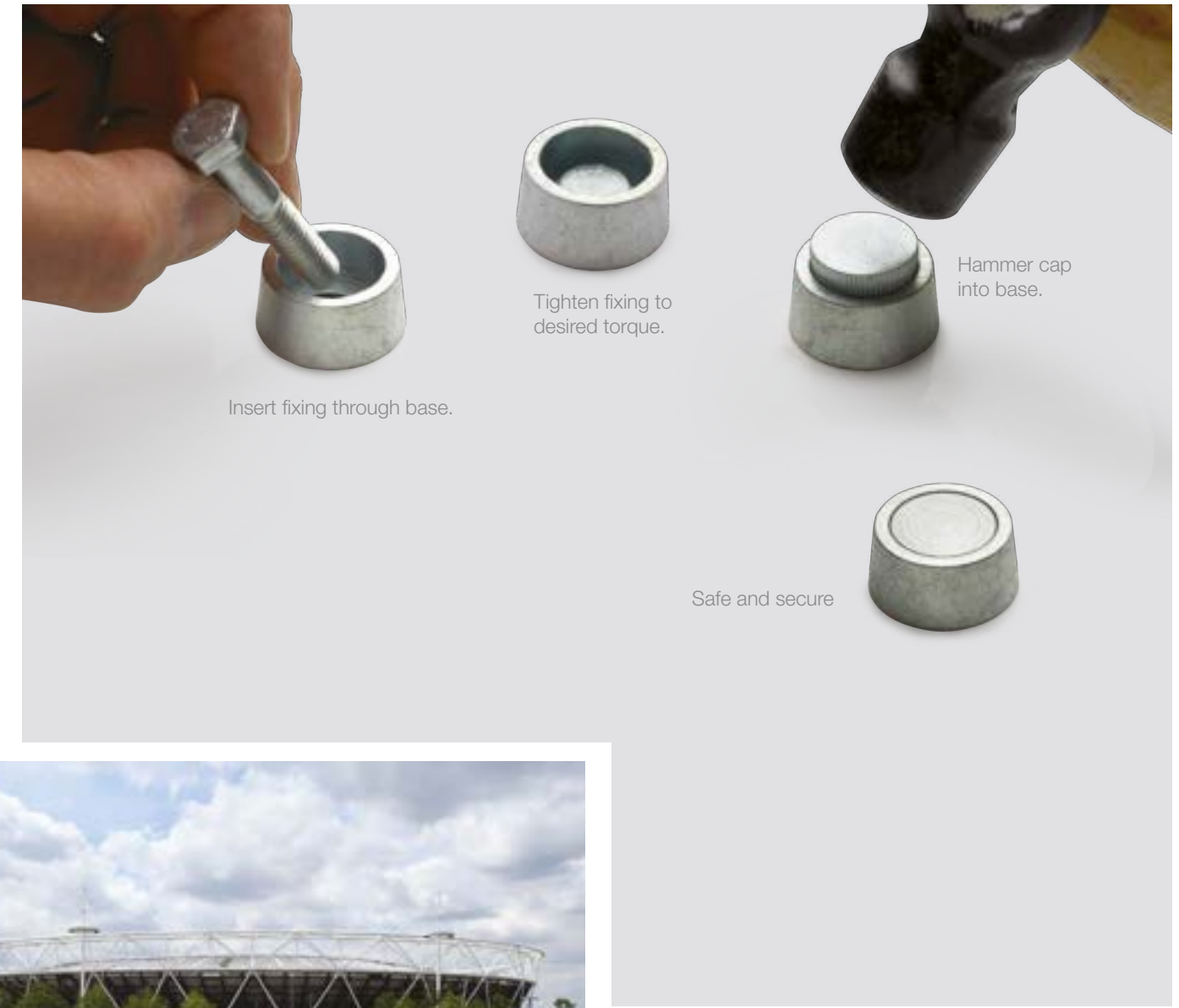


Type 2: For protruding studs

1
WAY

Security
Rating

5



London (Olympic) Stadium

Major sporting venues such as the London Stadium have used a wide range of security fixings to protect property and the public.

Protecting people, protecting property

BOROUGH



Public Transport

Hafren have worked closely with the public transport sector in the design and supply of security fasteners and fixings for various applications. Some of them are listed below, others are too sensitive to mention here.

1. Control Panels
2. Benches
3. Vending Machines
4. Lighting
5. Mobility Equipment
6. CCTV
7. Cladding
8. Signs
9. Train Handrails
10. Advertising Hoardings

REMEMBER: Don't take the risk - secure it - "it's a small price to pay".

Did you know; the London Underground has a staggering 270 stations?

Power6™

Unique tamper resistant tri-lobular, self-threading security screw.



For added security Power6™ security screws also feature the unique 2-way (removable) Power6™ security drive, which can only be removed with the unique Power6™ driver bit (pictured right) regular 6-Lobe/Pin Torx tooling will not fit this unique security drive.

- Tri-Lobular self-threading (also known as thread forming)
- Stocked in Case Hardened Steel with a Geomet® 500 B coating.
- Available from stock in Pan Head M8 x 35mm / M8 x 45, other sizes available to order



Perimeter Security

Ideal for all types of fencing applications, the tri-Lobular self-threading screw eliminates the need for nuts, reducing labour costs & installation time.



Sentinel®

Design rights apply

Unique one-way pozidrive security system.



This drive system only operates in a clock wise motion leaving a permanent finish. Ideal for easy and fast application using standard pozi screwdrivers.

- Stocked in Case Hardened Steel Zinc Plated (CR-3)
- Available in Twinthread Woodscrews
- Other materials, finishes and thread types can be manufactured to order - subject to minimum order quantities



Science Museum

Valuable exhibits often need securing, not just in case of theft but also in the interest of Health & Safety laws.



5-Lobe Pin

A favourite for high torque applications.

The 5-Lobe Pin drive benefits from an enhanced security rating. Fasteners are less common and less recognisable. Driver tooling is non-standard and harder for the general public to buy.

- Stocked in A4-70 Stainless Steel for improved corrosion resistance
- Available to order in A2 Stainless Steel
- Stocked in Button Head and Countersunk Head. Self Tapper and Machine Screws.
- Excellent for marine, medical & food industry applications

5-Lobe Pin

5-Lobe Pin Tooling



5-Lobe Pin for extra security



Not standard 6-Lobe Pin drive

(2)
WAY

Security
Rating

(2)

Stocked in
A4-70
Stainless
Steel



Button Head
A4-70 Machine Screw



Countersunk Head
A4-70 Machine Screw



Button Head
A4-70 Self Tapper



Countersunk Head
A4-70 Self Tapper

Kayaking

Handles need to be secure, they are used as Health & Safety latching points and for security as a locking/mooring point.



Solok™

Patented Product

This security drive ensures that each and every customer has their own unique 'one-of-a-kind' drive socket.

As there are millions of variations to the Solok™ drive socket, your driver bit will be specific to you, therefore enhancing the level of security. Every new user gets a Solok™ code to which their screws and tools are made, meaning even somebody else's Solok™ tools will not fit screws made to your code.

- Engineered to keep other driver bits out
- Full range of Self Tapping and Metric Machine Screws available made to your unique drive code
- Manufactured in Carbon Steel and Stainless Steel
- Available to order in various finishes and other thread types - subject to minimum order quantities

Solok™



(2)
WAY

Security
Rating

(5)



Installed using unique-to-you driver tool



Emergency Exit Door

Exit doors such as these need to be secured and kept intact to ensure they function properly in an emergency.



Helping to stamp out Automotive theft



Automotive

With increasing security requirements and stringent Health & Safety laws, permanent and removable security fasteners are becoming a necessity in many automotive specifications. From structural fixings to decorative 'limited edition' plaques, Hafren can offer you the correct security fasteners to meet regulations.

1. Spare Wheel Carriers
2. Fuel Pumps
3. Aftermarket Accessories
4. Roof Racks
5. Wheel Nuts
6. Seat Belt Fixings
7. EV Batteries
8. Airbags
9. Steering Systems
10. Immobilisers
11. Design Protection
12. ECU Units
13. Alarm Systems
14. Badges / Plaques
15. Number Plate Fixings

REMEMBER: Don't take the risk - secure it -
"it's a small price to pay".

Did you know: a vehicle is stolen
every 6 mins!

*IATTI Crime Stats England & Wales 2017

Armour Ring™

Patented Product

A simple conical collar which renders a standard hexagon nut or bolt tamper resistant.

The Armour Ring™ can be applied to any British or DIN standard hexagon nuts or bolts using a standard hammer. Once installed, it leaves a smooth clean finish which is often favoured by Health & Safety executives and isn't governed by a torque level like some one-way fasteners.

- Home Office approved
- Stocked in Steel Zinc Plated (CR-3) and A2 Stainless Steel






1
WAY



4
Security Rating

How it works:



Place Armour Ring™ over existing hexagon fixing.

Hammer firmly in place.

Tamper resistant with no sharp edges.

Motorway Services

Public areas such as Motorway Services experience high volumes of people. Security fasteners need to be used to keep your property where it belongs & deter the petty thief or vandal.



Scroll™ Nut

Patented product

High security removable nut/bolt with a unique 'Scroll' drive.

The rounded design of this nut/bolt gives no sharp angles to provide grip for normal hand tools. It can only be installed and removed using the matching Scroll™ driver socket. Patented Scroll™ design is interesting and pleasing to the eye.

- Stocked in 303 S31 Stainless Steel
- Other materials, finishes available to order - subject to minimum order quantities
- Scroll™ drive available to order in bolt form

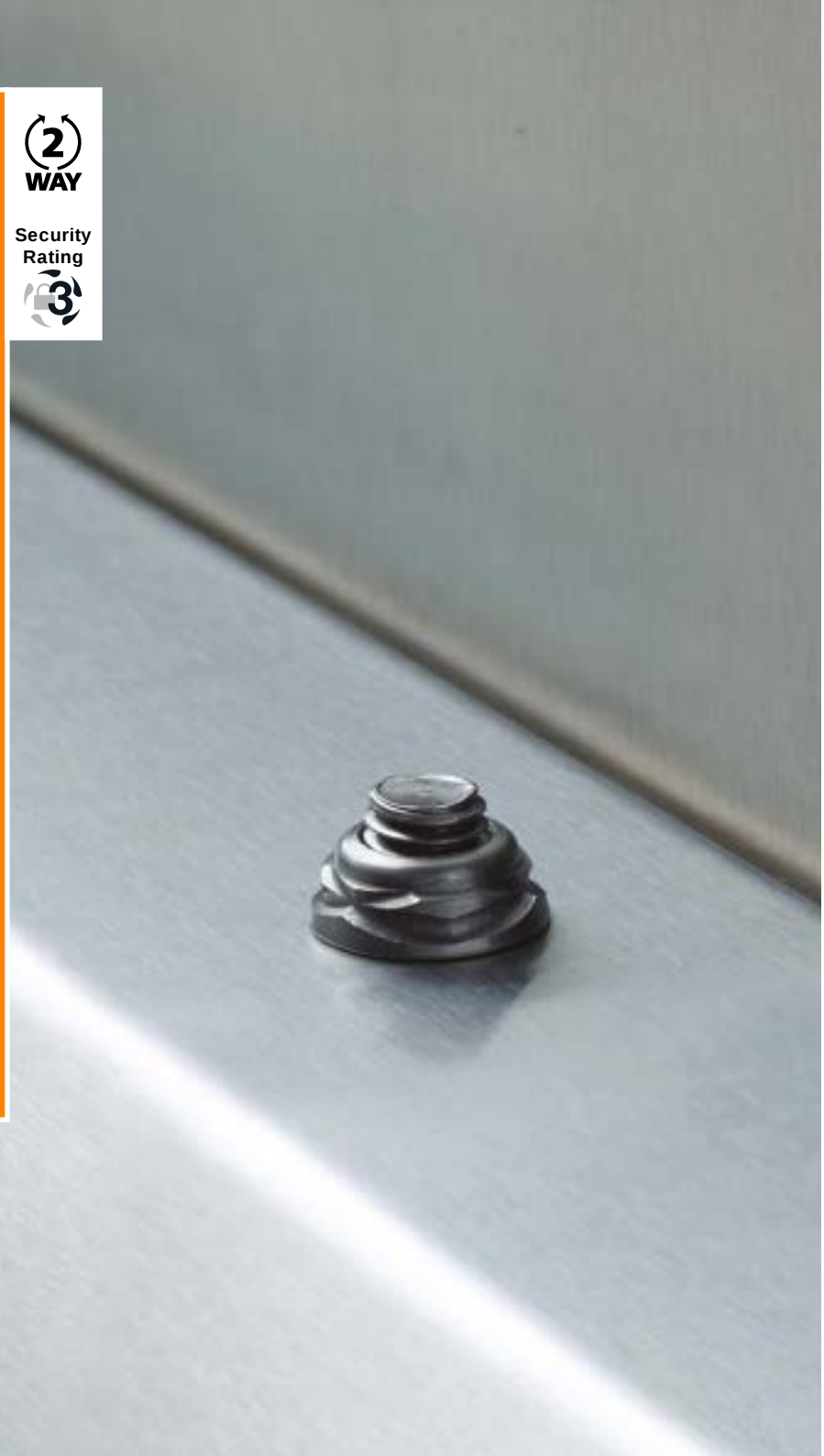





2
WAY



3
Security Rating



Installed using matching driver socket



Public Facilities

Many public areas such as lifts and escalators need to be kept secure to ensure they are always in working order and to protect the owner against potential litigation cases



2-Hole

Popular aesthetically pleasing drive for any two-way application.

This drive system, sometimes known as Snake Eye® or Pig Nose, is often specified by architects and designers. Designed for low to medium torque applications, the 2-Hole system has 2 holes drilled into the head which require a unique 2-pin matching driver to install and remove it.

- A range of Self Tapping and Metric Machine Screws stocked in A2 Stainless Steel
- Other styles of fasteners available in the 2-Hole drive system:
 - Male & Female Bolts
 - Barrel Nuts
 - Grub Screws
 - Glass Screws
 - Large Disc Head Screws



Driver tool

2
WAY

Security
Rating



2-Hole



Countersunk
Self Tapper



Pan Head
Self Tapper



Countersunk
Machine Screw



Pan Head
Machine Screw



Raised Countersunk
Machine Screw

2-Hole specials available to order



Barrel Nut



Male & Female Bolt



Grub Screw



Large Disc Head

Shear Nuts & Bolts

The Shear System is a high security permanent fastener.

Both the Shear Nut and the Shear Bolt have a hexagon part which shears off at a predetermined torque. Installed using standard hex socket or spanner. Once installed, the shear nut leaves a tamper resistant cone and the shear bolt leaves a tamper resistant head of your choice e.g. Button Head or Countersunk.

- Shear Nuts stocked in Bright Zinc Plated (CR-3) Steel, Galvanised Steel, A2 and A4 Stainless Steel
- Shear Bolts stocked in A2 Stainless Steel Button Head. Available to order in Countersunk and in other materials

Shear Bolts



Countersunk
Shear Bolt



Button Head
Shear Bolt

Shear Nuts



Shear Nut

1
WAY

Security
Rating



How it works:



Insert Shear Bolt
into application



Tighten using
standard spanner



Hex part shears off at set
torque level to leave a
smooth permanent finish

Barrel Nut

Ensures maximum security when clamping two materials together.

Barrel Nuts (also known as Interscrews) are internally threaded parts that are ideal for clamping two pieces of material together when used with matching screws.

- Manufactured with a 6-Lobe Pin drive
- Stocked in A2 Stainless Steel
- Available with Button Head and Countersunk Head

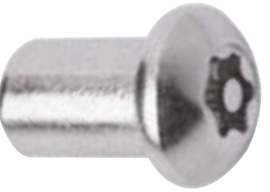


Security Rating



Barrel Nut

Button Head



Countersunk



Requires matching 6-Lobe Pin tooling.



Playgrounds

Playgrounds are a common target for thieves and vandals. Vandalised play equipment deprives our young people of opportunities to stay active and in many instances can be unsafe, opening the door to potentially costly litigation.



Anchors

Expanding fixings giving fast and easy application for heavy duty security.

Security Anchors save time and money when fixing applications require a firm hold. They are suitable for fixing to a wide range of base materials such as brick, concrete, stone and masonry. Available in both permanent and removable options... for a hold that stays.



Security Rating



Security Rating



Security Rating



Anchors



Countersunk A2 6-Lobe Pin Sleeve Anchor



Button Head A2 6-Lobe Pin Sleeve Anchor



Kinmar Permanent BZP Sleeve Anchor



Kinmar Removable BZP Sleeve Anchor



- Available in Kinmar Permanent and Removable, stocked in zinc plated steel (CR-3)
- 6-Lobe Pin drive variations stocked in A2 stainless steel



Other Hafren security fasteners

Are you aware of the wide range of security fasteners & fixings available?

Hafren stock a further range of different security drives and can also offer a comprehensive bespoke specials service. Our expert sales team are able to assist with every security application from design stage to final installation.

Contact us for more details.



Science Museum (see pages 10 -11)

Pin Hex Screws



6-Lobe Pin Screws



6-Lobe Pin Self Drilling Screws



Clutch Head Screws



Tri-Head Screws



Specials - made to order



Tufnut®



With a wide range of drive types, materials and finishes available, Hafren can go the extra length to create the perfect security fastener to meet your requirements. Whatever your needs - Hafren will have a solution.

Motorway Services (see pages 18 -19)





Whatever your sector...

Councils
Prison
Automotive
Architect
Fencing
Bike Share Schemes

...and many more...

Construction
School
Airport
Hospital
Street Furniture
Parks & Playgrounds

Public Transport
Fabrication
Museum
Ministry of Defence
Signage & Advertising

contact us.

We look forward to discussing
your security fasteners and
fixing requirements.

We are easy to contact - well trained, enthusiastic
sales staff can assist and advise you in choosing
the perfect security fasteners for your application.

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DON'T RISK IT, SECURE IT



Vandalism

Crime

Souvenir Hunters

Pilferage

Theft

Health & Safety

Terrorism

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