SAS

SECURE YOUR WORLD

SAS SECURITY PRODUCTS LTD

2020/2021

ABOUT US

The SAS hitchlock saved my caravan. The two other caravans were stolen from the storage site, but they gave up on mine, as they couldn't get the SAS hitch lock off.

Mr S, Oxfordshire

I am now in receipt of the new SAS defender and it does fit nicely on my van. I would just like to personally thank you and your company with all the kind consideration and out of this world customer service. If only all companies could show and give the support to their customers like you did, then they would have repeat customer base and recommendations to others. Thank you once more.

Mr K, Somerset

We understand the life of towing and what is important to you.

A caravan or a motorhome is more than a box on wheels – it is a home, a store of happy memories and a lifestyle. A trailer is more than just a transport device – it is still the most flexible means available to transport bulky items from A to B by yourself. We know the importance of the experiences you build in your caravan or the days you spend with your trailer behind you.

Unfortunately however, in today's world, crime and theft continue to increase. Over 4000 caravans are stolen in the UK each year*, and less than 3% are ever fully recovered**.

Our vision is to bring a stop to caravan and trailer theft with quality, reliable security solutions that deter criminals and prevent crime. We are on a mission to preserve your assets and memories and give you peace of mind.

Nothing speaks of quality, reliability and peace of mind quite like a SAS CLAMP.

In over 30 years of speaking to owners of trailers and caravans, we have developed our solutions to fit your needs, and we are proud of the confidence placed in us by owners, insurers, quality controllers and our distribution network alike.

Join us today and ***SECURE YOUR WORLD***.

* According to AA Caravan Insurance
** According to Club Care Insurance figures

CONTENTS

02 - 07 INFORMATION
• About Us • Trailer & Caravan Security Guides • Product Testing & Approval

08 - 19 WHEEL SECURITY
• Wheelclamps • Locking Wheel Bolts

20 - 29 TOWING HITCH SECURITY
• Hitchlocks • Towing Eye Locks

30 - 33 CARAVAN
• Leg Locks • Door Locks

34 - 37 FLEET
• King Pin Locks

38 - 41 PROPERTY
• Security Post • Roller Shutter Door Locks • Garage Defender Locks

42 - 49 UNIVERSAL
• Chains & Cables • Padlocks • Hasp & Staples • Ground Anchors • Shackle Locks

50 - 53 ACCESSORIES & SPARE PARTS
• Lubricants • Battery Chargers • Replacement Locks & Parts

54 - 55 NOTES
• Notes • Terms & Conditions

Please note from time to time, colour and branding style may vary from that shown in this brochure. For clarification please ask before ordering.

EXTRA SECURITY

Trailer theft is something every trailer owner fears, so protecting your trailer is the obvious course to take. The simple solution to fix a hitch lock to the hitch when it is not in use, is a very good solution for deterring the average opportunist thief, but is it enough to prevent the more professional thieves?

At SAS we have been protecting trailers through our extensive range of security products since 1987, and whilst no device can completely stop theft, the more security products you fit, the safer your trailer becomes, hopeful causing them to abandon and seek an easier target. This is why SAS offer a complete range of security products to protect your asset from multiple angles, ensuring maximum deterrence and give you the peace of mind that your trailer will remain in your hands.

HOW SECURE DO YOU WANT YOUR CARAVAN TO BE?

Security devices such as locks and clamps help to protect your caravan from being stolen when it's stationary; whether at home or while on holiday.

Insurance benefits: Insurance companies value extra security implemented by caravan owners and often reward this with policy discounts.

The simple fact is, the more security devices you fit, the more secure you caravan will be…

WHEELCLAMPS *Ideal for wherever your caravan is parked, to prevent thieves from being able to tow it away easily. Visible wheelclamps also act as a deterrent, helping to discourage thieves from tampering with your caravan. See pages 8-18*

SECURITY POST *An effective way to block a caravan, vehicle or trailer from being moved past that point. With optional tow ball bracket a caravan or trailer can be hitched to the post, and coupled with a hitch lock increases security significantly. See page 39*

LOCKING WHEEL BOLTS *A great way to hinder wheel theft. See Page 19*

Also see battery management system on page 51

LEG LOCKS *Secure the stabilizing/levelling legs on your caravan in the up or down position. Locking them down can provide the added delay to thieves needed to deter them even trying. See page 33*

GROUND ANCHORS, CHAINS & PADLOCKS *Secure your caravan to the ground, such as when you need to keep your caravan on your drive at home. Ground anchors available to screw into soft ground too. See pages 42-49*

HITCH LOCKS *Used to cover the towing hitch assembly, preventing anyone from connecting the caravan to another vehicle in a bid to tow it away without your consent. See pages 20-28*

Sold Secure:
The premier testing and certification for security products

Sold Secure is dedicated to reducing the risk of crime by the assessment of security products. Established in 1992 by Northumbria and Essex Police with the help and backing of the Home Office. Sold Secure is now owned and administered by the Master Locksmiths Association (a not for profit trade association).

The scheme has close ties with a number of constabularies and insurers who provide regular information regarding the methods of theft and the tools utilised by criminals in their areas. This helps to maintain up to date specifications and means security products can be assessed in the light of the risk they are likely to encounter when in use. Now products are tested by a highly motivated team of professional locksmiths under the direction of a small board of directors who meet on a regular basis to administer the scheme and move the process forward in keeping with modern theft methods.

Manufacturers and suppliers can apply to have their products approved by Sold Secure. Products which have been satisfactorily assessed may bear the Sold Secure Quality Mark.

Sold Secure Approval is classified into 3 main categories; Bronze, Silver & Gold. The categories reflect the amount of time per test and the tools that are used vary depending on what test specification is being used. The higher the grading (Bronze is the lowest) the higher the security provided by the product.

Insurance Approved Products

SAS products that have the approval of insurance companies show this symbol. This is an indication that insurance companies have either approved the product, or it meets their criteria, but we do recommend that you confirm details of the specific security devises proposed (or being used) with your insurance company to gain their approval in your circumstances.

WHEEL SECURITY

08 - 19

08 - 18 WHEEL CLAMPS

19 LOCKING WHEEL BOLTS

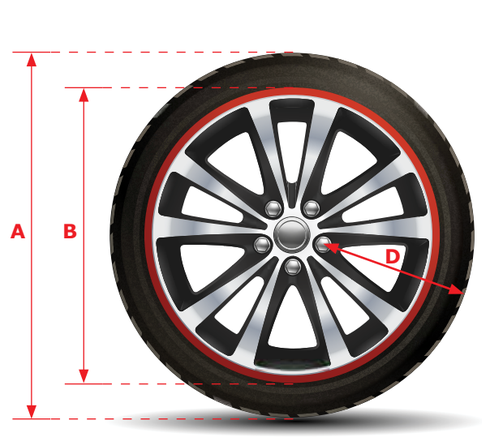
SAS offers a well tried, tested and versatile range of wheel locking devices for a whole range of applications. From locking wheel bolts right through to an extensive range of wheelclamps.

Wheel Dimensions:

Use our handy selection guide to find the best clamps for your wheels

Technical Support

Our technical team will be pleased to assist you to choose the correct Wheel Clamp. Simply email some pictures of your wheel, together with tyre sizes to; ***sales@sasproducts.com*** *for a free assessment and recommendation.*



Side View

End View

Product Code	Model	Steel Wheels	Alloy Wheels	B Approx. Rim Diameter (Guide Only)	C Tyre Width (Critical Dimension)	D Wheel Bolt to Circumference (Critical Dimension)	See Page
1110101	Supaclamp Duo Wheelclamp	✓	✓	10-15"	160-225mm	Max 270mm	10
1120121	Supaclamp Duo Silver Wheelclamp	✓	✓	10-15"	160-225mm	Max 270mm	10
1130171	Supaclamp Duo Gold Wheelclamp	✓	✓	10-15"	160-225mm	Max 270mm	10
1211101	HD1 Wheelclamp*	✓		10-15"	110-195mm	Max 280mm	12
1221701	HD2 Wheelclamp*	✓		10-15"	165-225mm	Max 280mm	12
1231701	HD3 Wheelclamp*	✓		12-16"	165-225mm	Max 305mm	12
1232701	HD3L Wheelclamp*	✓		12-16"	200-300mm	Max 305mm	12
1241701	HD4 Wheelclamp*	✓		10" Flotation	165-215mm	Max 275mm	12
1310101	Trailer Wheelclamp	✓		8"/10"/12" ONLY	max 145mm	n/a	14

Product Code	Model	Steel Wheels	Alloy Wheels	A Wheel Diameter Range (Critical Dimension)	C Tyre Width (Critical Dimension)	See Page
1410173	New Defender Wheelclamp	✓	✓	490-750mm	170-275mm	16
1450773	New Defender Wheelclamp, Large	✓	✓	600-830mm	195-295mm	16
1610793	Unilite Wheelclamp	✓	✓	530-700mm	145-225mm	18

*Bolt/Nut cover extension pieces are available for the HD range, where you have offset or centralised rims – See Page 13 (HD4 supplied with extention piece)

These tables are intended as a guide only for selecting a suitable wheelclamp, but due to there being so many different tyres and rim configurations, we can't be held responsible for any inconvenience should it not fit your wheel.

SUPACLAMP DUO RANGE

The Supaclamp Duo range is a versatile range designed to fit both Alloy and Steel wheels, very popular with many discerning caravan owners.

- *Designed to fit 10”–15” Alloy or Steel Wheels, 160-225mm Width*
- *One-piece clamp, fitting snugly into one wheel bolt hole on alloy wheel and fits easily around wheel and locks securely*
- *High security steel encased lock*
- *Double locking for extra security*
- *Quick and easy to fit*
- *Excellent visual & physical deterrent*
- *Supplied in Durable Plastic Carry Case for Easy Storage and Transportation*

SUPACLAMP DUO

- Strong and popular clamp
- Multiple clamps can be ordered with locks on the same key

SUPACLAMP DUO SILVER

- Reinforced front arm for extra security
- Shorter Reinforced and hardened rear clamp arm for fitting to Ifor Williams Horseboxes and trailers with leaf springs
- Sold Secure Silver rated for Caravans and Trailers

SUPACLAMP DUO GOLD

- Reinforced front arm for extra security
- Reinforced and hardened rear clamp arm
- High Security Anti-pick and Anti-drill lock barrel
- Sold Secure Gold rated for Caravans and Trailers

Product Code	Model	Secure Unhitched	Secure Hitched*	Wheel Size	Tyre Width
1110101 1110102	Supaclamp Duo Wheelclamp Supaclamp Duo Wheelclamp, Keyed alike	✓	✓	10-15”	160-225mm
1120121 1120122	Supaclamp Duo Silver Wheelclamp Supaclamp Duo Silver Wheelclamp, Keyed alike	✓	✓	10-15”	160-225mm
1130171 1130172	Supaclamp Duo Gold Wheelclamp Supaclamp Duo Gold Wheelclamp, Keyed alike	✓	✓	10-15”	160-225mm

Replacement locks and spares - see pages 52-53

THE ORIGINAL HD RANGE

The Original Heavy-Duty range is a favourite for steel rim wheels that has stood the test of time. Whether it's for your trailer, or caravan, you can rest assured, knowing this easy to fit clamp will keep your investment safe.

- *Range of models to suit many different steel wheels 10"–16", 80-300mm Width*
- *One-piece clamp, covers one wheel nut and fits easily around wheel and locks securely*
- *High security steel encased lock*
- *Double locking for maximum security*
- *Quick and easy to fit*
- *Excellent visual & physical deterrent*
- *HD1 only is supplied in Durable Plastic Carry Case for Easy Storage and Transportation*
- *Extension tubes available for deep set wheel bolts (Supplied as std with HD4)*
- *Multiple clamps can be ordered with locks on the same key across the HD range*

"Is the ideal choice of clamp when you are touring or on site... boasts the award-winning combination of a twin locking mechanism."

Camping and Caravan Magazine

HD1 is supplied a durable carry case.
(HD2, HD3 & HD4 are supplied in a printed cardboard box)

HD1

HD4

Product Code	Model	Steel Wheels	Wheel Size	Tyre Width
1211101 1211102	HD1 Wheelclamp HD1 Wheelclamp, Keyed alike	✓	10-15"	110-195mm
1221701 1221702	HD2 Wheelclamp HD2 Wheelclamp, Keyed alike	✓	10-15"	165-225mm
1231701 1231702	HD3 Wheelclamp HD3 Wheelclamp, Keyed alike	✓	12-16"	165-225mm
1232701 1232702	HD3L Wheelclamp HD3L Wheelclamp, Keyed alike	✓	12-16"	200-300mm
1241701 1241702	HD4 Wheelclamp HD4 Wheelclamp, Keyed alike	✓	20.5x8-10 or 205/65D10 extension tube included	
9120010	Extension Tube, 1" (25mm)			
9120015	Extension Tube, 1.5" (37mm)			
9120020	Extension Tube, 2" (50mm)			

Replacement Locks and spares – see pages 52-53

THE TRAILER CLAMP

The Trailer clamp is an ideal for Trailer Tents, Camping and Jet-Ski trailers, as well as general purpose domestic trailers. An incredibly strong clamp for those who value quality, want ease of use and peace of mind!

- *Fits 8”, 10” and 12” Central dished TRAILER wheels*
- *Secure dome covers all 4 wheel nuts/bolts (150mm dia x 75mm depth)*
- *High security steel encased lock*
- *Double locking for maximum security*
- *Quick and easy to fit*
- *Excellent visual & physical deterrent*
- *Supplied in Durable Plastic Carry Case for Easy Transportation*
- *Multiple clamps can be ordered with locks on the same key*

“…powerful new product… easy to fit, it can be secured in under a minute and is ideal for protecting your trailer while out on the lake.”

The Edge Magazine

Product Code	Model	Steel Wheels	Wheel Size
1310101	Trailer Wheelclamp	✓	8”-10”-12” centrally dished
1310102	Trailer Wheelclamp, Keyed alike		

Replacement Locks and spares – see pages 52-53

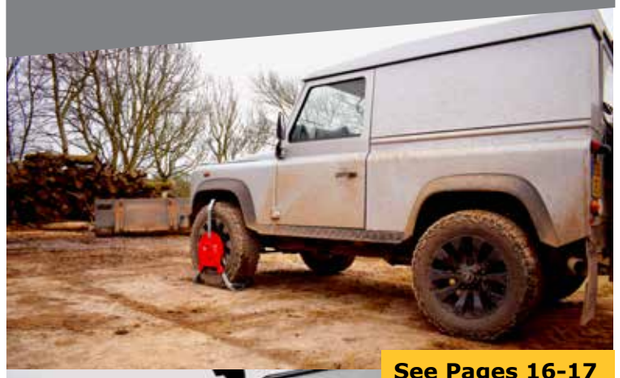
A SAS wheel clamp is a great visual deterrent with it’s brightly finished red colour to encourage potential thieves to look for an easier option elsewhere.

Whether you’re living life to the full with leisure activities and have Motorhome, Caravan, Boat or Camping trailer, or have a trailer for gardening, or for carrying out your work, or concerned that your car could be stolen, SAS have products to clamp a variety of different wheels to help secure against theft.

See Pages 10-11

See Page 12-13

See Pages 16-17


See Pages 16-17

See Pages 10-13

THE NEW DEFENDER RANGE

For those who take security seriously, the New Defender will give you a versatile clamp that won't be beaten easily. The two sizes available cover a vast range of vehicles, including large off-road vehicles.

- *Unique design fully protects against driving out or removal by tyre deflation*
- *High security anti-pick, anti-drill, steel encased lock*
- *Fits over wheel trims on steel or alloy wheels*
- *Adjustable arms fit around wheel and lock securely*
- *Excellent visual & physical deterrent*
- *New Defender is supplied in Durable Plastic Carry Case*
- *New Defender Large is supplied in Cardboard Box*
- *Sold Secure Gold tested and approved for caravans and automotive*

New Defender Large

New Defender

New Defender Large

"Here is a wheel clamp that will definitely not surrender to bolt cutters or hacksaw– no way… it is really thief resistant and tough."

John Marchmont, Caravanners Handbook

"Good effective design, solid and well made, denies access to wheel nuts, a good visual deterrent, easy to fit at a reasonable price."

Camping and Caravan Magazine

Product Code	Model	Alloy Wheels	Steel Wheels	Min-Max Wheel Diameter	Tyre Width
1410173	New Defender Wheelclamp	✓	✓	490-750mm	170-275mm
1410174	New Defender Wheelclamp- Keyed Alike				
1450773	New Defender Wheelclamp, Large	✓	✓	600-830mm	195-295mm
1450774	New Defender Wheelclamp, Large - Keyed Alike				

Replacement Locks and spares – see pages 52-53

WHEELCLAMPS

THE UNILITE CLAMP

The Unilite offers insurance approval with a lightweight, easy to use wheelclamp. Suitable for caravans, motorhomes, trailers, quad bikes, cars, and more.

- *Universal clamp fits 13-18" wheels up to 225 tyre width*
- *Lightweight at only 3.5kg*
- *Folds down for easy storage*
- *Covers wheel nuts to protect from unauthorised wheel removal*
- *Fits Wheel diameter – Minimum 53cm, Maximum 70cm*

Product Code	Model	Alloy Wheels	Steel Wheels	Wheel Size	Min-Max Wheel Diameter	Tyre Width
1610793	Unilite Wheelclamp	✓	✓	13-18"	530-700mm	145-225mm

LOCKING WHEEL BOLTS

LOCKING WHEEL BOLTS

Locking wheel bolts are an excellent way to hinder wheel theft, as used on most cars these days.

The SAS Wheel Locking Bolts will fit both alloy and steel wheels on most caravans and trailers. SAS offers two levels of security, with the premium set giving you that extra reassurance.

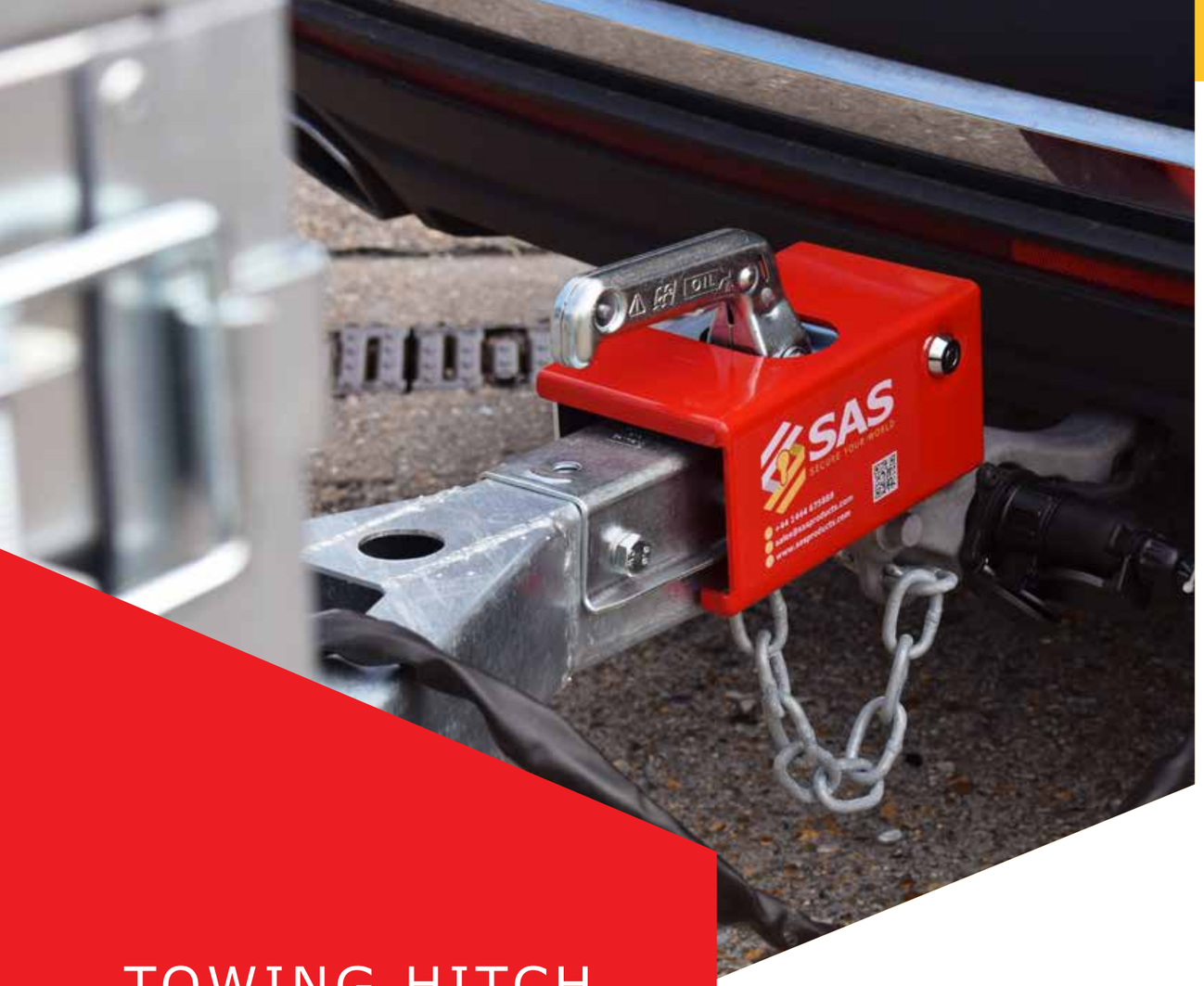
- *Option of 2 or 4 in set, for single/twin axle caravans/trailers*
- *Supplied in storage case, complete with unique matching key*

Product Code	Model	Alloy Wheels	Steel Wheels	Thread
1812187	Locking Wheel Bolts, Set of 2	✓	✓	M12x1.5mm
1814187	Locking Wheel Bolts, Set of 4	✓	✓	M12x1.5mm
1832189	Premium Locking Wheel Bolts, Set of 2	✓	✓	M12x1.5mm
1834189	Premium Locking Wheel Bolts, Set of 4	✓	✓	M12x1.5mm
1834289	Premium Locking Wheel Bolts, Set of 4	✓	✓	M14x1.5mm

Locking Wheel Bolts

Replacement keys available as special order - see page 53.

Premium Locking Wheel Bolts



TOWING HITCH SECURITY

20 - 29

21-23 HITCHLOCK SELECTOR GUIDES
24-28 HTICHLOCKS
29 TOWING EYE LOCKS

Using an SAS Hitchlock is a great way to make it difficult for your caravan or trailer to be stolen. All can be fitted when unhitched from your towing vehicle, but many also fit whilst stationary and hitched to your towing vehicle. Great for deterring motorway services thieves!

HITCHLOCK SELECTOR GUIDE

Why fit a hitch lock to my trailer or Caravan?

SAS Hitch Locks are an essential item for anyone with a trailer or caravan, as are so easy to steal if they aren't locked – just hitch up and go! The SAS Hitch Lock range comprises of various easy to fit options to give you that peace of mind that someone else can't easily hook up to their vehicle and drive off.

Many Hitch Locks in the SAS range offer you to option to lock your caravan or trailer to the towing vehicle when parked in the motorway services. Or, if you're a landscape gardener or tree surgeon, you may wish to lock your trailer or woodchipper to your truck whilst working in the back garden.

Does your trailer have a ball hitch or an eye hitch?

Ball Style Hitch

50mm Ball hitch is the most common for trailers and on virtually all caravans

Eye Hitch

If YES
Go to Page 27

Does your trailer/caravan have brakes?

Braked trailers will generally have a rubber bellow directly behind the hitch, then a braking damper device mounted on the drawbar frame.

If YES
Go to Page 21

No

Is your trailer an unbraked version?

Where the hitch is mounted directly to a fixed drawbar on the trailer.

If YES
Go to Page 20

Unsure?

Technical Support

Our technical team will be pleased to assist you to choose the correct Hitch Lock. Simply email some pictures of your trailer hitch to; sales@sasproducts.com for a free assessment and recommendation.

UNBRAKED TRAILERS

In addition to multiple different hitch heads being used on trailers, manufacturers also use a vast range of different drawbars and fixing methods on unbraked trailers. SAS are always seeking to develop and adapt hitch locks to cater for as many as possible. Below is a guide to help identify the right hitch lock for your trailer

For Pressed Steel Hitches

AL-KO AK7 Hitch

Knott Pressed Hitch

Winterhoff WW8 Hitch

For Cast Hitches

Bradley

Select Hitch 5

Which Drawbar style do you have?

Straight Drawbar style

What is the width (w) of your drawbar?

- Up to 60mm → What is your Hitch Height (h)? *including bolts & stand (if fitted)*
  - h = up to 65mm → Hitch Options 1 2 3 4
  - h = up to 80mm → Select Hitch 1 2 4
  - h = over 80mm → Select Hitch 2 4
- Over 60mm → Select Hitch 4

Hitch Mounted on box section on A frame drawbar

What is measurement (c) shown above?

- More than 25mm → Select Hitch 2 4
- Less than 25mm → Select Hitch 4

Y Shaped Pressed Steel Head for A-frame drawbar

Select Hitch 4

Select the hitch lock by matching circle numbers...

1. FORT — — See Page 25
2. ORIGINAL HL2 — — See Page 27
3. ORIGINAL HL1 — — See Page 27
4. UNIVERSAL 916 — — See Page 28
5. BRADLEY LOCK — — See Page 28

Most unbraked trailers are fitted with a breakaway safety cable. Sometimes these cables are fitted to small metal brackets and these brackets can obstruct the fitting of the hitch locks. In this situation, seek advice from your trailer specialist as they will likely be able to adapt these slightly to allow fitting.

These tables are intended as a guide only for selecting a suitable hitch lock, but due to there being so many variants on trailer hitches and drawbars, SAS can't be held responsible should it not fit your hitch.

HITCHLOCK SELECTOR GUIDE

BRAKED TRAILERS & CARAVANS

Identify your hitch type

See page 29 for Eye Locks

	Hitch Manufacturer	Hitch Model	SAS Hitchlocks										
			2310751 ORIGINAL HL1	2110761 FORT	2120761 FORTA	2130761 FORTB	2150761 FORTIB	2160761 FORTK	2210731 FORT 2 GOLD	2410021 WINTERHOFF	2541195 EAGLE	2511195 CONDOR	2911797 UNIVERSAL 916	9003713 BRADLEY
		See Page ->	27	25	25	25	25	25	24	26	26	26	28	28
A1	ALBE	Cast Head	●	●				●			●			
B1	ALBE	Pressed Head	●	●								●	●	
C1	AL-KO	AK160, AK180, AK300	●	●					●		●		●	
D1	AL-KO	AK161		●								●	●	
E1	AL-KO	AK350 Cast Head			●						●			
F1	AL-KO	AK301				●								
	AL-KO	AK351, AK3500			●									
G1	AL-KO	AKS1300							●		●			
H1	AL-KO	AKS2004							●		●			
I1	AL-KO	AKS3004							●		●			
K1	Bradley	Autohead 2.7 & 3.5kg				●								●
L1	Bradley	Double Lock					●*							●
	Indespension	Triplelock					●*							
M1	KNOTT	Avonride Cast Head			●									
N1	KNOTT	Pressed Head						●				●	●	
O1	KNOTT	K27 & K35 Cast Head			●									
P1	Westfalia	SSK I/II/III										●		
Q1	Winterhoff	WW13	●	●				●				●	●	
R1	Winterhoff	WW30 Cast	●	●				●				●		
S1	Winterhoff	WW200 Cast			●									
T1	Winterhoff	WS3000								●		●		

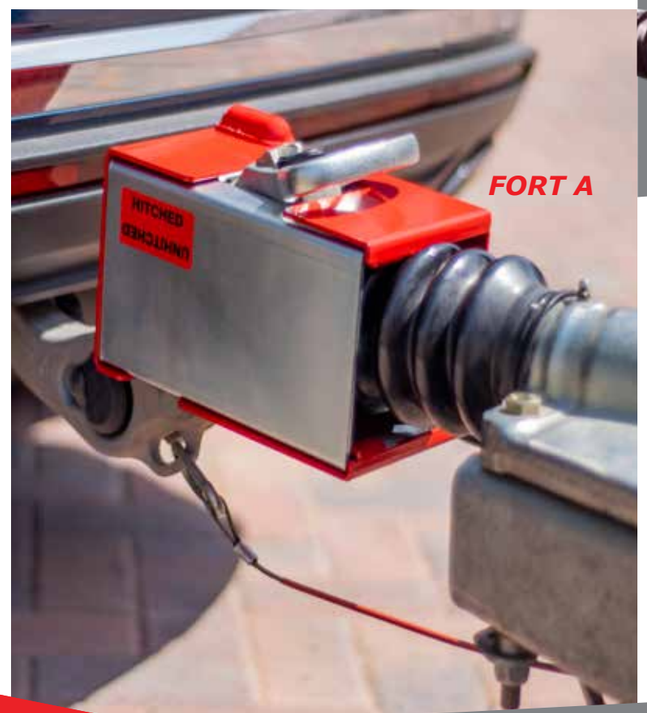
* May require modification or removal of fixing covers if fitted

FORTRESS 2 GOLD HITCHLOCK

The Fortress 2 Gold Hitchlock is a Sold Secure Gold rated lock, very popular as it fits the widely used Al-ko Stabiliser caravans coupling heads.

- *Can be fitted to caravan/trailer to secure hitched to* or unhitched from towing vehicle*
- *Prevents vehicle and caravan/trailer being separated in a car park or motorway service station*
- *Twin wall design doubling strength against attack*
- *Fits 1300, 2004, 3004 Al-ko Stabilising heads and Standard Al-ko hitch heads*
- *Fully encloses hitch handle and bolts*
- *Supplied with ABS towball to provide extra security when unhitched*
- *High security steel encased lock*
- *Sold Secure Gold tested and approved*
- *Quick and easy to fit*
- *Excellent visual & physical deterrent*

"A worthy product."
Caravan Buyer Magazine



FORTRESS HITCHLOCK RANGE

The Fortress Hitchlock series covers a wide range of the trailer couplings on the market.

- *Can be fitted whilst caravan/trailer is hitched or unhitched from towing vehicle*
- *Prevents vehicle and caravan/trailer being separated in a car park or motorway service station*
- *Quick and easy to fit, strong twin wall steel structure fully encloses hitch and bolts to provide maximum protection against attack*
- *Maximum security Safe-Style enclosed lock, with twin locking pins and anti-drill protection*
- *Secure Cruciform style keys*
- *Excellent visual & physical deterrent*
- *Compact and easily stored – ideal for touring*

"A neat, immensely strong and impressive hitchlock."
Dinghy Sailing Magazine

Product Code	Model	Secure Unhitched	Secure Hitched*
2110761	FORT - Fortress Hitchlock	✓	✓
2110762	FORT - Fortress Hitchlock - Keyed Alike		
2120761	FORT A - Fortress A Hitchlock	✓	✓
2120762	FORT A - Fortress A Hitchlock - Keyed Alike		
2130761	FORT B - Fortress B Hitchlock	✓	✓
2130762	FORT B - Fortress B Hitchlock - Keyed Alike		
2150761	FORT IB - Fortress IB Hitchlock	✓	✓
2150762	FORT IB - Fortress IB Hitchlock - Keyed Alike		
2160761	FORT K - Fortress K Hitchlock	✓	✓
2160762	FORT K - Fortress K Hitchlock - Keyed Alike		
2210731	FORT 2 GOLD - Fortress 2 Gold Hitchlock	✓	✓
2210732	FORT 2 GOLD - Fortress 2 Gold Hitchlock - Keyed Alike		
9220021	Replacement Black ABS Towball	✓	

* The police don't like your caravan or trailer to be locked to the vehicle whilst travelling, as it makes it difficult to separate in the case of an accident.

See replacement locks on pages 52-53

COMPACT HITCH RANGE

The compact range offers a simple yet effective way to secure the hitch coupling.

Compact Condor

- *Can be fitted whilst caravan/trailer is hitched or unhitched from towing vehicle*
- *Prevents vehicle and caravan/trailer being separated in a car park or motorway service station*
- *Lightweight, quick and simple to fit*
- *Replace existing hitch nuts with the set of locking ones supplied*
- *Excellent visual & physical deterrent*
- *Compact and easily stored in case provided – ideal for touring*

Compact Eagle

SAS WINTERHOFF HITCHLOCK

A fully enclosed hitchlock system design specifically for the Winterhoff hitches – fits both new and old style WS3000 hitch.

- *Fits Winterhoff WS3000 Stabilising coupling hitches (Unhitched only)*
- *Fully encloses hitch and bolts*
- *High security steel encased lock*
- *Quick and easy to fit*
- *Excellent visual & physical deterrent*

Product Code	Model	Fit Unhitched	Fits Hitched*	Fits
2511195	Compact Condor Hitchlock, in case	✓	✓	See Selection Guide on Page 21-23
2541195	Compact Eagle Hitchlock, in case	✓	✓	
2410021	Winterhoff Hitchlock	✓		Winterhoff WS3000 Hitches
9220021	Black ABS Towball	✓		Optional for blocking towball when unhitched

* The police don't like your caravan or trailer to be locked to the vehicle whilst travelling, as it makes it difficult to separate in the case of an accident.

THE ORIGINAL SAS HITCHLOCK

The Original Hitchlock range is designed to fit most press steel hitches on both braked and unbraked trailers.

HL1 HITCHLOCK

HL2 HITCHLOCK

The HL1 will fit unbraked trailers with drawbars not more than 50mm high, that do not have a rest stand bracket on the bottom of the hitch bolts. The HL1 will also fit many pressed steel hitches mounted on braked trailer units. See Hitch Lock guide for specific guidance - on pages 21-23.

The HL2 is designed primarily for unbraked trailers with deeper drawbars, virtually any depth and up to 60mm width drawbar. It will also fit many trailers having a rest stand fitted underneath the hitch using the hitch fitting bolts.

Neither hitch will fit unbraked trailers with A frame drawbar if wider than 60mm underneath hitch.

"Voted best buy for its security and value."

Caravan Life

- *Can be fitted whilst caravan/trailer is hitched or unhitched from towing vehicle*
- *Prevents vehicle and caravan/trailer being separated in a car park or motorway service station, when stationary*
- *Quick and easy to fit, strong steel structure fully encloses hitch and bolts*
- *Fitted with high security anti-drill radial pin tumbler lock*
- *Excellent visual & physical deterrent*
- *Compact and easily stored – ideal for touring*

Product Code	Model	Fit Unhitched	Fits Hitched*	Fits
2310751 2310752	HL1 Original Hitchlock HL1 Original Hitchlock, Keyed alike	✓	✓	See Selection Guide on Pages 21-23
2320751 2320752	HL2 Original Hitchlock HL2 Original Hitchlock, Keyed alike	✓	✓	

Replacement Locks on pages 52-53

LOCK FOR BRADLEY OR DOUBLELOCK HITCH COUPLINGS

- *Fits hitched and unhitched*
- *Stainless steel body (no rust)*
- *Premium Lock with deadlock operation for increased security*
- *3 Security keys supplied*
- *Fits Bradley Doublelock coupling D type handle and Bradley Doublelock Autohead Hitch*

Product Code	Model	Fit Unhitched	Fits Hitched	Fits
9003713	High Security Barrel Lock for Bradley Hitch	✓	✓	Bradley & Doublelock Hitches

THE UNIVERSAL 916 HITCHLOCK

It doesn't get any easier than this lock. Simply hitch into coupling, as you would on to a vehicle, and press to lock.

- *Designed for pressed steel hitch couplings, such as the Al-ko AK7, AK160, AK180, AK300 & Knott hitches*
- *Supplied with 3 laser cut keys*
- *Hinders unlawful coupling of your trailer/caravan*

Product Code	Model	Fit Unhitched	Fits
2911797	Universal 916 Hitchlock	✓	See Selection Guide on Pages 21-23

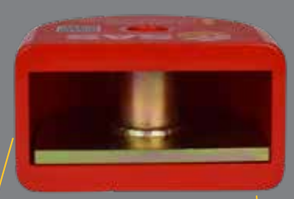
TOWING EYE LOCKS

Towing eye hitches are most commonly used for the heavier trailers, such as Generator, Compressor, Plant and Farm Machinery trailers.

SAS Eyelocks are constructed from thick steel, making them virtually indestructible, and clearly an industry leading product.

Heavy Construction includes:-

EL3040



6mm Plate Steel

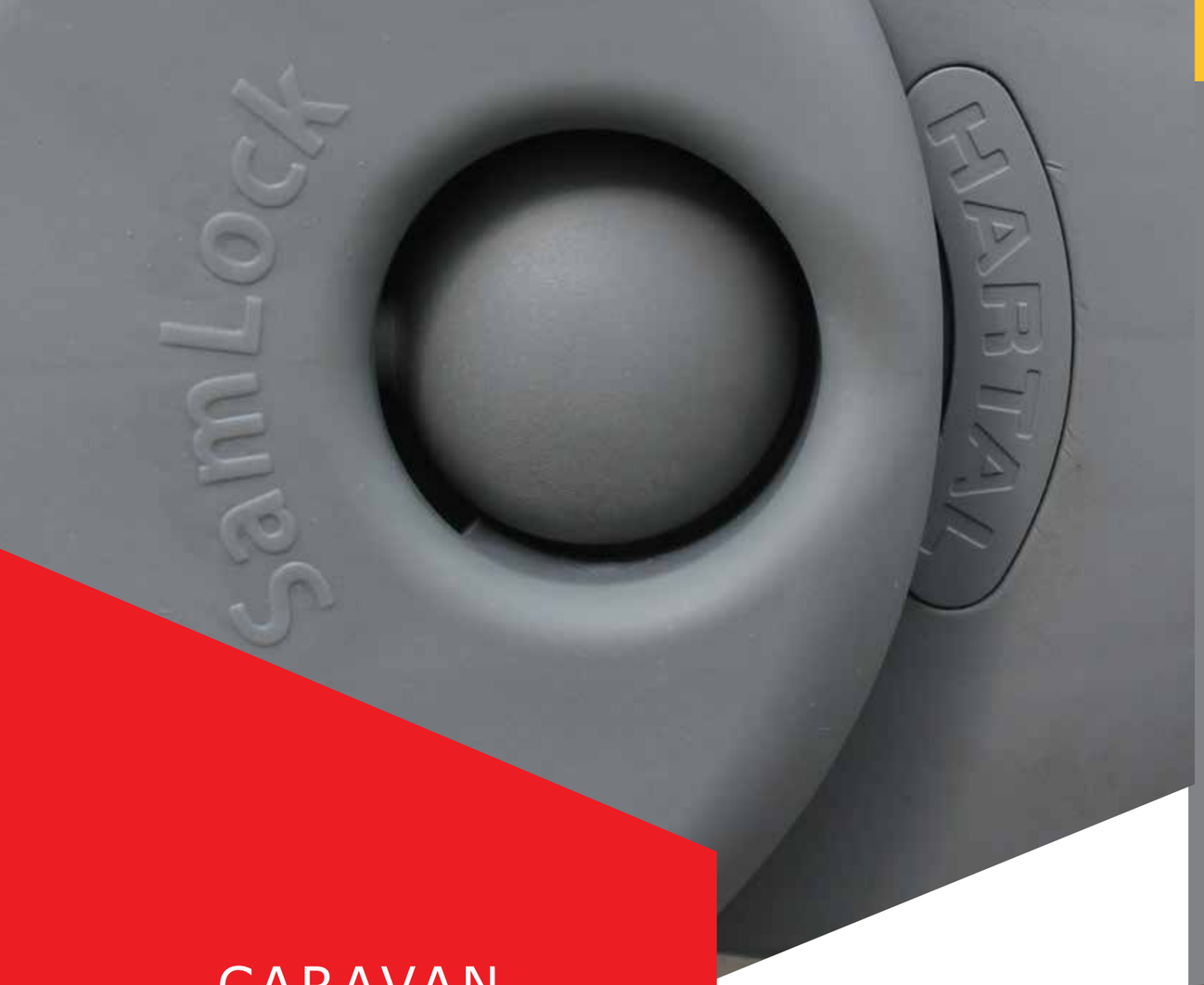
12mm Plate Steel

- *Two versions available to fit 30, 40 & 50mm Towing Eyes*
- *Fully encloses eye coupling*
- *Premium security steel encased lock*
- *Quick and easy to fit*
- *Excellent visual & physical deterrent*
- *Multiple eye locks can be ordered with locks on the same key*

EL5000

Product Code	Model	Fit Unhitched	Fits Hitched	Fits
2731721	EL3040 Eyelock	✓	✗	30 & 40mm Towing Eye Hitches
2731722	EL3040 Eyelock, Keyed alike			
2751721	EL5000 Eyelock	✓	✗	50mm Towing Eye Hitches
2751722	EL5000 Eyelock, Keyed alike			

Replacement Locks on page 52-53



CARAVAN SECURITY

30 - 33

32 CHILD / PET SAFETY LOCKS

33 CARAVAN LEG LOCKS

We understand securing your caravan from theft is very important to preserve those lifetime experiences you have built up.

Wheelclamps and hitchlocks in the previous sections are important, but further options are available too...

CARAVAN SECURITY

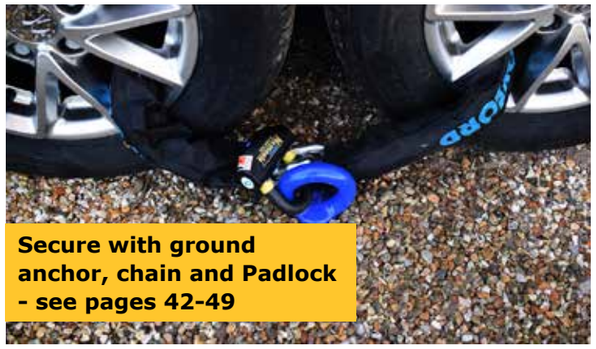
There are many ways to secure your Caravan or Motorhome. It is a recognised fact that you are best to have two different forms of security, and of course, the more security devises you fit the more secure your caravan will be.

Block access with Removable Security Posts - see page 39

Caravan Wheel Clamps - see pages 10-18

Motorhome Wheel Clamps - see pages 16-17

Lock your Hitch - see pages 20-28



Secure with ground anchor, chain and Padlock - see pages 42-49

Lock your Corner Steady Legs down - see page 33

Secure your bike on the rack
Steel cable locks - see pages 45-47
Bike shackle locks - see page 47

SAMLOCK

Not designed to keep thieves out, but to keep children or pets inside your caravan.

- *Fits over Hartal door handles as shown*
- *Fit and remove in seconds*

Product Code	Model
3440100	Samlock Caravan Handle Child/Pet Cover

HEAVY-DUTY LEG LOCKS

HEAVY-DUTY LEG LOCKS

The seemingly small and insignificant leg locks are often forgotten, but many have proved their value. Lock your corner steadies in the down position and your caravan becomes very difficult to tow away!

- *Available as single, twin or quad packs*
- *Twin and Quad packs are keyed alike, and supplied in a handy storage case*
- *Double locking system – Need key and Hex key*
- *Strong anti-crush steel construction hinders removal*
- *Quick and easy to fit*
- *Excellent visual & physical deterrent*
- *Each Leg lock supplied with two keys (multiple sets have same key number in set)*
- *Each set supplied complete with Allen key and Hex Key too.*

"….Someone had tried, (but failed) to steal our caravan. So what stopped them? What they hadn't been able to do was wind up the legs, which were all fitted with the SAS leg lock devices. It is undoubtedly these that saved the caravan from being stolen."

Caravan Magazine

"Another barrier to delay the time conscious thieves, these simple to fit devices are worth the modest premium."

Caravan Buyer Magazine

Single set

Twin pack in case

Quad pack in case

Product Code	Model	Case Supplied
3110141	Heavy Duty Leg Lock, Single	✗
3120141	Heavy Duty Leg Lock, Twin Pack, Keyed Alike	✓
3140141	Heavy Duty Leg Lock, Quad Pack, Keyed Alike	✓

For replacement parts - see page 53

Van double door locking system - see page 46

For Wheelclamp products, see Wheel Security section – Pages 8-18

More fleet related products coming - visit www.sasproducts.com for current available ranges.

FLEET SECURITY

34 - 37

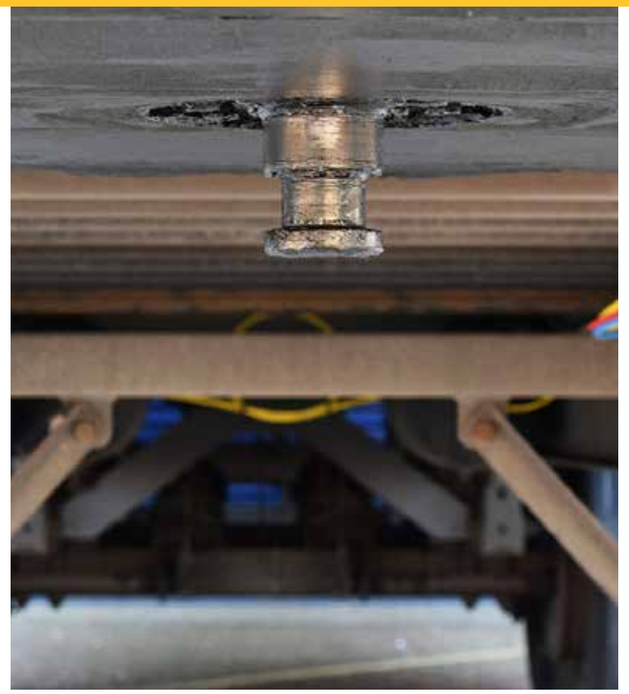
36-37 KINGPIN LOCKS

With an ever increasing reported number of theft and vandalism incidents to vehicles, many are proving the benefit of using SAS Security Products to protect their fleet.

KING PIN LOCKS

The SAS King Pin locks easily onto the fifth wheel of the trailer to prevent unauthorised coupling of the tractor unit. Two King Pin lock versions are available, the lighter-weight alloy version, or a heavy-duty steel one for increased security.

- *Maximum security for 5th wheel trailers*
- *Both with Drill and pick resistant premier lock*
- *Can be ordered as keyed alike for Fleet operators wanting multiple units*
- *Reminder ribbon fitted to alloy version*
- *Quick and easy to fit*
- *Excellent visual & physical deterrent*
- *Supplied complete with 3 keys per unit*



Carry Handle

Very Strong Steel Construction

Product Code	Model
5411727	King Pin Alloy Casting
5411728	King Pin Alloy Casting, Keyed alike
5414729	King Pin Heavy-Duty Steel Construction
5414730	King Pin Heavy-Duty Steel Construction, Keyed alike

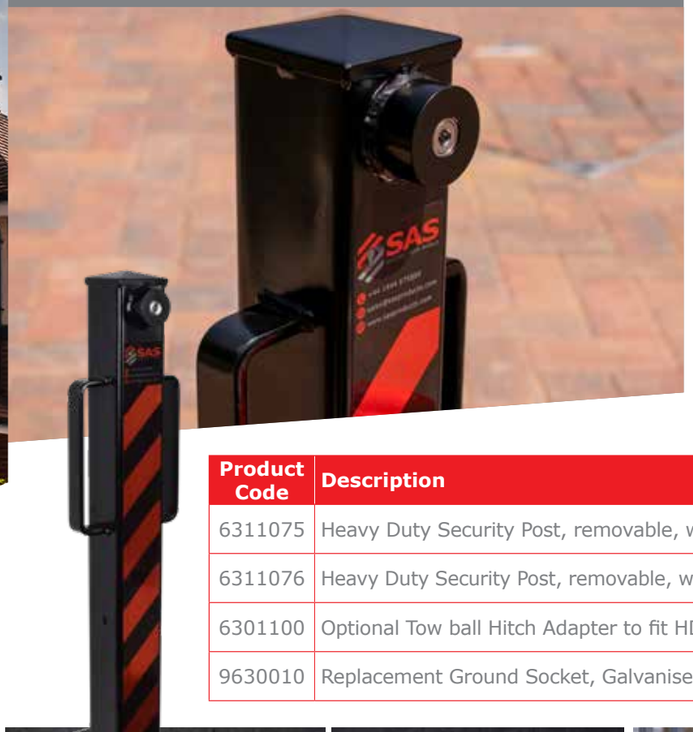
PROPERTY SECURITY

39 SECURITY POSTS
40 ROLLER SHUTTER LOCKS
40-41 GARAGE DOOR SECURITY

Simple, physical and effective range of security products designed to hinder undesired access to valuable equipment kept in your garage or property.

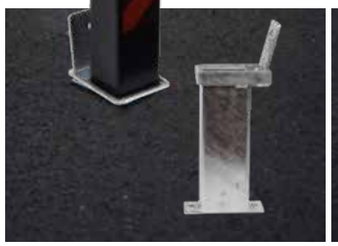
SECURITY POSTS

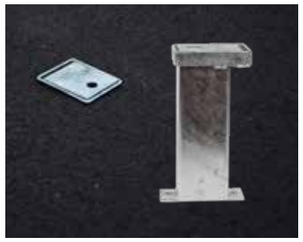
A heavy duty removable security post supplied with a galvanised ground socket. Simply drop post into ground socket and lock it, blocking a trailer, caravan or vehicle from being moved.



- *Powder coated finish with reflective stripes*
- *Inbuilt locking mechanism inside the security post, with lock mounted at top of post for ease of use, away from the ground dirt and without external padlock to break off.*
- *Quality galvanised ground socket with hinged lid giving a flush finish cover when not in use.*
- *Optional tow ball adapter allows you to hitch your caravan or trailer to the post. Gain extra security by locking all together using a SAS hitch lock too.*

Product Code	Description	Dimensions
6311075	Heavy Duty Security Post, removable, with Ground Socket	800mm above ground 80x80mm HD Box Section
6311076	Heavy Duty Security Post, removable, w/ Ground Socket - Keyed alike	
6301100	Optional Tow ball Hitch Adapter to fit HD Security Post	
9630010	Replacement Ground Socket, Galvanised with Hinged Lid	275mm into ground





ROLLER SHUTTER DOOR LOCKS

Comprising of oval lock holders for welding to roller shutter track both sides, and removable bullet locks to insert to secure the shutter.

- *High Security Bullet Locks supplied in pairs with lock housing*
- *Complete with 2 Keys per lock (each pair of locks keyed alike)*
- *Adds maximum security to your Roller Shutters*
- *Pin length 53mm*

For locking chains, cables, padlocks, see Universal Security - pages 42-49

Product Code	Model
6610016	Bullet Lock in Oval Lock Holder (set of 2 Lock holders and 2 locks)

GARAGE DEFENDER ACCESSORIES

Product Code	Model	For Garage Defender	For Garage Defender Master
8300075	Replacement Padlock - C Type Armour Plated	✓	
8300071	Replacement Padlock - Round Solid Steel Secure Padlock		✓
9610014	Tarmac Adapter Plate Only	✓	
9610024	Tarmac Adapter Plate Only		✓
9610013	Bolt Down Plate Only	✓	✓
9610023	Bolt Down Plate Only		✓
9960031	Rawl Bolt for fixing plate - Single	✓	✓
9960032	Rawl Bolt for fixing plate - Pair	✓	✓
9610020	Plastic End Caps	✓	✓
9960010	10mm Masonry Drill Bit	✓	✓
9960016	16mm Masonry Drill Bit	✓	✓
9960041	Fixing Kit - includes 1xRawl Bolt, 10&16mm Drill Bits & Allen Key	✓	✓

GARAGE DEFENDER

The SAS Ultimate Garage Defender is a great product to increase the security of an Up-and-Over garage door.

The Defender unit locks onto a solid steel base plate with a padlock to block the tilt action of the door. Two models available.

Garage Defender Master

- *Secure visual lock for up-and-over garage doors*
- *Powder Coated Defender frame gives an excellent visual deterrent too*
- *Supplied with armour plated padlock*
- *Steel Base measures 78mm x 215mm, which is bolted to ground with two expandable security Rawl bolts*
- *Fixing bolts supplied for easy fitting into concrete/brick*
- *For concrete applications we recommend 100-125mm (4-5 inches) of good solid concrete outside the closed garage door*
- *Tarmac installation versions available*

Garage Defender

Product Code	Model	Rawl Bolts included	Padlock included	Colour
6111875	Garage Defender, Bolt down	2	C-Type	Red
6112875	Garage Defender, with Tarmac Adapter	n/a	C-Type	Red
6121871	Garage Defender Master, Bolt down	2	Round	Black
6122871	Garage Defender Master, with Tarmac Adapter	n/a	Round	Black

See accessories on page 40

UNIVERSAL SECURITY

42 - 49

43-45 CHAINS & LOCKS
45 STEEL BRADED CABLES & LOCKS
46 PADLOCKS
47 SHACKLE LOCKS
48-49 GROUND ANCHORS

SECURITY CHAIN PRODUCTS

811 NEMESIS

These 16mm Round link chain made from hardened Cro-Mo steel reinforced with Titanium alloy offer incredible strength.

- *Zinc coated chain to prevent corrosion*
- *Case hardened chain resist bolt croppers*
- *Long chain links reduce weight and increase portability*
- *Non scratch cloth chain sleeve*
- *Sold Secure Motorcycle Gold approved if used with Nemesis 8301651 Padlock*
- *3 lengths available 1200, 1500 & 2000mm*

Refer to page 46
for more details on padlocks

814 HARDCORE

These square link chains offer a tough solution with their double locking padlock and closed shackle design preventing cutting tool access.

- *13mm Square chain links made from Cro-Mo steel with special alloys to improve strength and hardening*
- *Zinc coated chain to prevent corrosion*
- *Case hardened chain resist bolt croppers*
- *Extra long chain end links allows one end to pass through another further protecting the lock shackle*
- *Non scratch cloth chain sleeve*
- *Double locking padlock with 11mm hardened steel closed shackle design*
- *Supplied complete with 3 keys*
- *Sold Secure Motorcycle Gold approved*
- *3 lengths available 1200, 1500 & 2000mm*

816 HEAVY-DUTY

These chains offer an excellent combination of strength and convenience. Light enough to handle but strong enough to give you reassurance.

- *10mm Square chain links made from Cro-Mo grade steel*
- *Zinc coated chain to prevent corrosion*
- *Case hardened chain resist bolt croppers*
- *Non scratch cloth chain sleeve*
- *Tough double locking padlock with hardened 14mm steel shackle*
- *Supplied complete with 3 keys*
- *Sold Secure Motor Scooter Silver approved*
- *3 lengths available 1000, 1500 & 2000mm*

There are many different applications, some requiring higher security whilst other applications need a lighter duty approach, to save weight or cost. We have rated the products in this section, to enable a quick comparison, but this is a guide only.

Secure Rating

Product Code	Model	Secure Rating
8111200	NEMESIS 1200x16mm Chain Only	9
8111500	NEMESIS 1500x16mm Chain Only	9
8112000	NEMESIS 2000x16mm Chain Only	9
8301651	NEMESIS 16mm D Padlock	9
8321455	BOSS Alarm 14mm D Padlock	8
8141247	HARDCORE 1200x13mm Square Chain & Padlock	8
8141547	HARDCORE 1500x13mm Square Chain & Padlock	8
8142047	HARDCORE 2000x13mm Square Chain & Padlock	8
8161043	HEAVY DUTY 1000x10mm Square Chain & Padlock	6
8161543	HEAVY DUTY 1500x10mm Square Chain & Padlock	6
8162043	HEAVY DUTY 2000x10mm Square Chain & Padlock	6

SECURITY CHAIN PRODUCTS

817 GENERAL PURPOSE SERIES

- *9.5mm hardened steel square link chain*
- *Non scratch chain sleeve*
- *Rotating integral lock head*
- *Supplied complete with 4 keys*
- *Available in 3 lengths*

MULTI-PURPOSE SERIES

8180933

- *6mm hardened steel chain*
- *Protective cloth chain cover*
- *Supplied with 40mm Laminated padlock & 2 keys*

8180965

- *6mm hardened steel chain*
- *Protective cloth chain cover*
- *Rotating lock head and supplied with 3 keys*
- *5 Minute attack tested*

8180990

- *6mm hardened steel chain*
- *Protective cloth chain cover*
- *5-digit resettable combination lock*
- *5 Minute attack tested*

Product Code	Model	Secure Rating
8171263	GENERAL PURPOSE 1200x9.5mm Square Chain & Lock	5
8171563	GENERAL PURPOSE 1500x9.5mm Square Chain & Lock	5
8172063	GENERAL PURPOSE 2000x9.5mm Square Chain & Lock	5
8180933	MULTI-PURPOSE 900x6mm Chain & Padlock	3
8180965	MULTI-PURPOSE 900x6mm Chain & Lock	3
8180990	MULTI-PURPOSE 900x6mm Chain & Combi Lock	3

SECURITY STEEL BRAIDED CABLE PRODUCTS

Lasso one end of the steel braided cable around a post, trailer frame or ground anchor to effectively double the useful length.

See page 49

Refer to page 46 for more details on padlocks

824 LOCKMATE

Strong braided cable, with vinyl coating with securing loop on each end

- *12mm High tensile steel interwoven braided Cable*
- *Vinyl coated to protect your paintwork*
- *4 lengths available 1200, 2500, 4500 & 9000mm*

8251661 TRIP WIRE

The Combination of a U-Lock with the flexibility of a 15mm vinyl coated high-tensile steel braided cable. Ideal for securing caravan wheel to chassis, jet ski to trailer or trailer to ground anchor, to meet insurance requirements.

- *1600mm cable facilitates attachment to an immovable object*
- *Hardened steel locking mechanism with high security keys*
- *Double Locking Mechanism supplied with 2 keys*

8271090 SUPERVIPER

- *1000x22mm Steel rollers covered by steel weave, oiled and sheathed in a vinyl sleeve*
- *Re-settable 5-digit combination*
- *Easy twist and change combination re-set*
- *Mounting bracket supplied for easy storage*

8252039 DUO LOOP | 8231833 DUO LOOP | 8231867 KEYED LOCK | 8231890 COMBI LOCK

A cost effective, lightweight and easy to use range of security cables supplied with padlock. Two options in the series.

- *2000x15mm High-tensile steel braided, self-coiling Cable*
- *Vinyl Coated Cable to Protect your Paintwork*
- *Hardened Steel padlock*

- *1800x10mm High-tensile steel braided, self-coiling Cable*
- *Vinyl Coated Cable to Protect your Paintwork*
- *40mm Laminated padlock*

- *1800x10mm High tensile steel self-coiling cable*
- *Vinyl coated to protect paintwork*
- *Simple push-to-lock mechanism*
- *Supplied with 3 keys*

- *1500x10mm High tensile steel self-coiling cable*
- *Vinyl coated to protect paintwork*
- *Re-settable 4-digit combination*

Product Code	Model	Secure Rating
8241200	LOCKMATE 1200x12mm Steel Braided Cable	5
8242500	LOCKMATE 2500x12mm Steel Braided Cable	5
8244500	LOCKMATE 4500x12mm Steel Braided Cable	5
8249000	LOCKMATE 9000x12mm Steel Braided Cable	5
8251661	TRIP WIRE 1600x15mm Cable & Lock	5
8271090	SUPERVIPER 1000x22mm Cable & Combi Lock	6
8252039	DUOLOOP 2000x15mm Steel Braided Cable & Padlock	5
8231833	DUOLOOP 1800x10mm Steel Braided Cable & Padlock	4
8231867	KEYED 1800x10mm Cable Lock	4
8231890	COMBI 1500x10mm Cable Lock	4

PADLOCKS, HASP & PADLOCKS, ARMOR PLATED PADLOCKS

8301651 NEMESIS

Ultra-Strong Padlock, ideal for use with a chain for an ultimate security solution

- *High security, independently approved Padlock*
- *Sold Secure Gold approved as disc lock for Motorcycles*
- *Double-locking, anti-pick lock mechanism with a 16mm hardened steel shackle*
- *Supplied complete with 3 keys*
- *Dust cover to protect the lock barrel from dirt ingress*

8321455 BOSS ALARM PADLOCK

Deter theft by adding an audible warning

- *14mm diameter tough Shackle,*
- *Longer shackle for ease of use*
- *5 Year life-cycle tested (by Thatcham)*
- *Removable, sealed unit alarm module*
- *Water, vibration, frost and heat-proof*
- *Batteries Included (6 x LR44)*
- *Supplied complete with 3 keys*
- *Ideal with a chain to secure equipment*
- *Can also be used as a Motorcycle disc lock*
- *Dust cover to protect the lock barrel from dirt ingress.*
- *100db alarm*

8301643 HEAVY DUTY

A tough Mini Shackle Padlock that is ideal for use with a chain

- *Made from tough hardened steel*
- *Key way dust cover included*
- *Sold Secure Bicycle Gold approved*
- *Anti-pick key design*
- *14mm Shackle*

8500071 VAN/SHED DOUBLE DOOR LOCKING SYSTEM

- *Ideal for securing rear side hinged van doors or for any side hinged application!*
- *Fully hardened steel body*
- *Includes 73mm Shackless Padlock and Shrouded Heavy Duty Hasp (fixing bolts not supplied)*
- *Padlock also available separately*

8300075 C-TYPE PADLOCK

Tough padlocks suitable for a variety of purposes.

- *Tough lock for a variety of purposes*
- *Supplied complete with 3 keys*
- *Container door lock, good for use with security chains or cables*
- *Also used in Garage Defender*

Product Code	Model	Secure Rating
8301651	NEMESIS 16mm D Padlock	9
8321455	BOSS ALARM 14mm D Padlock	8
8301643	HEAVYDUTY 14mm D Padlock	6
8500071	VAN/SHED Double Door Lock & Padlock	7
8300071	ROUND Solid Steel Secure Padlock only	7
8300075	C TYPE Armour Plated Lock	7

For dimensions see www.sasproducts.com

SHACKLE LOCKS

8421221 ALARM-D LOCK

- *Hardened Steel 14mm shackle*
- *Built in weatherproof 120dB alarm*
- *Powered by a long-life lithium battery included*
- *Supplied complete with 3 keys*
- *Unique quick-release mounting bracket*
- *High tech pick-resistant locking system*
- *320x173mm*
- *Sold Secure Bicycle Silver approved*
- *Includes a chunky 1200mm Steel Braided cable, to extend its reach and secure larger equipment*

8461425 LOCK 14

- *14mm special hardened steel shackle and body mated to its simple but powerful locking mechanism makes it highly secure*
- *Supplied complete with 3 keys*
- *Unique quick-release mounting bracket*
- *Reliable: a top quality pre-oiled locking mechanism is protected by a rubber over-moulded body to cope with the tough outdoor life that locks endure.*
- *320x177mm*
- *Includes a chunky 1200mm Steel Braided cable, to extend its reach.*

8461229 LOCK 12

- *Great value shackle lock*
- *Tough hardened Steel 12mm shackle*
- *Supplied complete with 2 keys*
- *310x190mm*
- *Anti-pick key design*
- *Includes 1200mm Steel Braided cable, to extend its reach.*

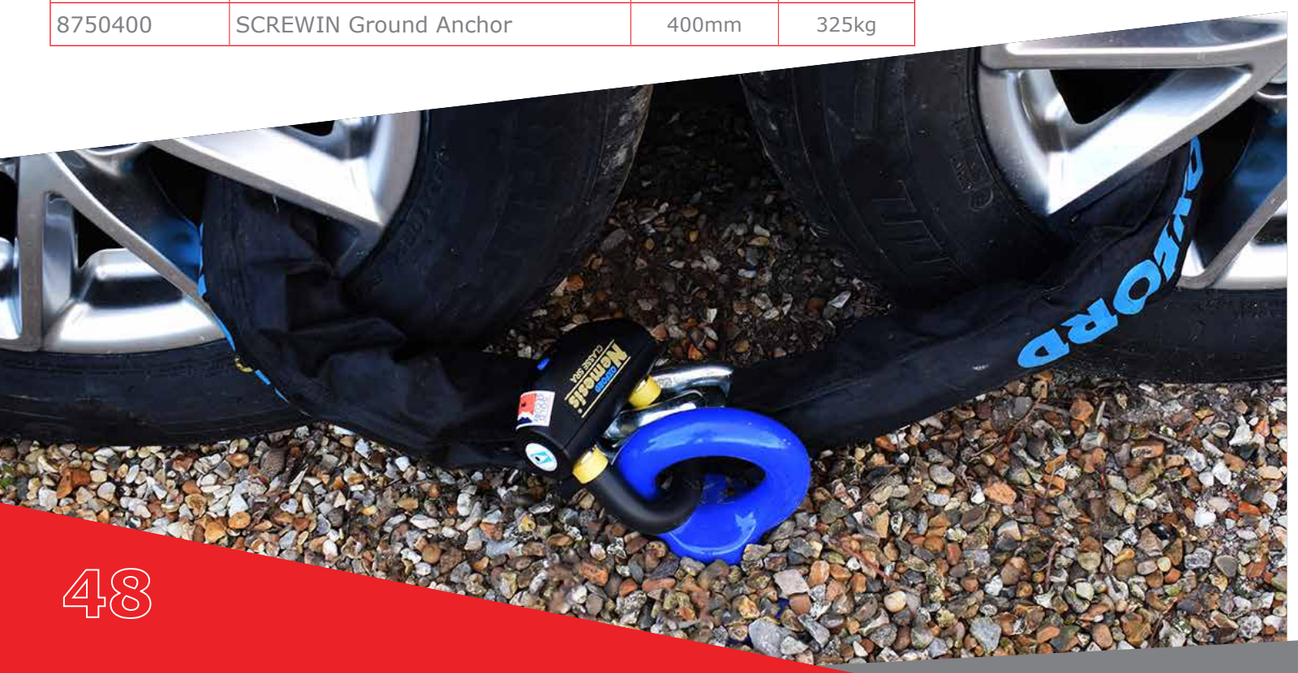
Product Code	Model	Secure Rating
8421221	ALARM-D 173x320mm Lock, w 1200x12mm Cable	8
8461425	LOCK 14 with 1200x12mm Cable	7
8461229	LOCK 12 with 1200x12mm Cable	6

SCREWIN GROUND ANCHOR

A heavy-duty ground anchor - Simply screw into the ground and gain a great anchoring point to lock your trailer, caravan, motor bike, quad bike, aircraft and more, using a padlock and chain or cable. When finished, unscrew and remove to use another day in another place.

- *Portable for extra adaptability*
- *Extremely strong and easy to use*
- *Screw in and back out again to move on to new location*
- *50mm Hardened Double Shackle loops for easy connection*
- *Heavy Duty permanent or semi-permanent security anchor to secure any portable valuable item*
- *Red powder coated paint finish*
- *Supplied with winding in bar*

Product Code	Description	Screw length	Holding Force
8730500	SCREWIN Ground Anchor	500mm	500kg
8750400	SCREWIN Ground Anchor	400mm	325kg



DOCKING STATIONS AND GROUND ANCHORS

8611000 HEAVYDUTY DOCKING STATION

The Ultimate in fixing to a secure point

- *Combines the rigidity of an anchor with the flexibility of a chain*
- *Made entirely from forged hardened steel*
- *Uses the latest high security semi-elliptical key technology*
- *Fits chains up to 16mm in width*
- *Weather resistant dust cap*
- *All necessary high security fittings an fitting instructions included*
- *Can be wall or floor mounted*
- *Heavy duty: 4.5kg in weight*
- *Suitable for use with Nemesis or other similar chains*
- *Thatcham approved*

8631000 ROTAFORCE ROTATING GROUND ANCHOR

- *Bolts down with 4 security bolts*
- *Unique rotating head allows easier fitment and easier positioning*
- *26mm diameter case hardened steel head resists all forms of attack*
- *59mm internal diameter allows chains or cables to be attached*
- *All necessary fittings and fitting instructions included*
- *Sold Secure Motorcycle Gold approved*

8655000 TERRAFORCE GROUND ANCHOR

- *Case hardened concrete-in steel floor anchor*
- *Simple and easy to fit*
- *21mm diameter case hardened steel head resists all forms of attack*
- *59mm internal diameter allows chains or cables to be attached*
- *Sold secure Motorcycle Gold approved*
- *Fitting instructions included*

8671000 ANCHORFORCE DOUBLE GROUND ANCHOR

- *Hardened steel construction provides a secure anchor point for all chains*
- *Can be fitted to concrete floors and concrete/brick walls*
- *The strength of the installation is dependent on the quality of the floor/wall material*
- *Can be used with chain or cable locks*
- *Fitting instructions included and fittings supplied: 4 high security expansion bolts, 4 anti-tamper ball-bearings, 4 steel plugs to create unassailable anchor*

8681000 BRUTEFORCE GROUND ANCHOR

- *Attack tested hardened steels bolt-down anchor for floors and walls*
- *Can be used with chain or cable locks*
- *Bolts protected by ball bearing and then covered when a lock is being used*
- *All fixings supplied and free Allen key included*
- *Sold Secure Motor Scooter Silver approved*
- *Fitting instructions included*

Product Code	Model	Secure Rating
8611000	HEAVYDUTY Docking Station -Bolt down	9
8631000	ROTAFORCE Rotating Ground Anchor -Bolt down	8
8655000	TERRAFORCE Ground Anchor -Concrete In	8
8671000	ANCHORFORCE Double Ground Anchor -Bolt Down	6
8681000	BRUTEFORCE Ground/Wall Anchor -Bolt down	4

ACCESSORIES & SPARE PARTS

50 - 53

51 LUBRICANTS & BATTERY CHARGERS
52 REPLACEMENT LOCKS
53 ACCESSORIES

Spares and accessories to keep your SAS products in top condition and ready for operation.

ACCESSORIES & SPARE PARTS

LUBRICANTS

9980001 GENERAL PURPOSE GREASE

Corrosion Block Waterproof Grease out performs lithium and most synthetic greases – Ideal for lubricating wheelclamps

- *Waterproof*
- *Multi grease compatible*
- *Excellent thermal / oxidative stability*

9980006 GENERAL PROTECTANT SPRAY

A highly effective, general purpose protectant with strong film forming properties, which create a protective coating to prevent moisture ingress and damage on all types of components. Particularly suitable for overwintering and long-term storage to help maintain condition of all components, including moving parts, metal fasteners, rubber seals and electronics.

- *Mint Protectant is ideal for repelling moisture*
- *Enhances protection against dirt and grime*
- *Light wax coating ensures longevity of protection*

Great For:

- *Lubricating Locks*
- *Over Winter protection of components/equipment*

Product Code	Model
9980001	GENERAL PURPOSE CB Grease & Lubricant, 2oz
9980006	GENERAL PROTECTANT Aerosol Spray, 500ml

LUBRICANTS

9970003 OXIMISER 900 BATTERY MANAGEMENT SYSTEM

Oximiser 900 can be left permanently connected to provide guaranteed long-term battery care.

Suitable for most 12V battery types up to 30Ah, including Gel, MF and Acid batteries. Heavily discharged batteries as low as 4.1V can be charged if the battery is not damaged. Do not use on Lithium batteries.

6 Stage battery management system:

- *Polarity check - Checks the battery leads have been connected correctly*
- *Battery Analysis - Assesses battery & determines best charging method*
- *Bulk Fast Charge - Charges at a fast rate to bring the battery to approximately 85% capacity*
- *Absorption Charge - Lowers the charge rate & gives a topping charge to ensure the battery is charged to 100%*
- *Voltage Check - Hourly voltage checks assess battery health*
- *Maintain Mode - Applies an appropriate charge if voltage drops outside acceptable limits to ensure the battery voltage and condition remains perfect*

Ring Lead (optional extra) is a permanent battery connector that allows charger to be connected by simply plugging in. The cable connector comes with a weatherproof cap.

Product Code	Model
9970003	OXIMISER 900 Battery Management System
9970093	Ring Leads, Fused for Oximiser Charger

LOCKS

	Product Code	Model	FITS
A	9000112	Lock with 2 Keys	HD series, Supaclamp Duo, Trailer Clamp
	9000113	Lock with 3 Keys	
	9000114	Lock with 4 Keys	
	9000115	Lock with 5 Keys	
	9000116	Lock with 6 Keys	
	9000212	Lock with 2 Keys - Keyed Alike	
	9000201	Extra Keys - Keyed Alike only	
B	9007313	Lock with 3 keys	New Defender series
	9007413	Lock with 3 Keys - Keyed Alike	
	9002601	Extra Keys - Keyed Alike only	
C	9001112	Lock with 2 keys - Oval style lock	New Defender series (Older style)
D	9002113	Lock with 3 Keys	Supaclamp Duo Silver, Eyelocks, Winterhoff Hitch
	9002212	Lock with 2 keys - Keyed Alike	
	9002601	Extra Keys - Keyed Alike only	
E	9003113	Lock with 3 Keys	Fortress 2 Gold Hitchlock
	9003213	Lock with 3 Keys - Keyed Alike	
	9002601	Extra Keys - Keyed Alike only	
F	9003713	Lock with 3 Keys	Bradley Hitch
G	9004112	Lock with 2 keys	Heavy-Duty Leg Locks
	9004212	Lock with 2 keys - Keyed Alike	
H	9005112	Lock with 2 keys	Original Hitchlock
	9005212	Lock with 2 keys - Keyed Alike	
	9005201	Extra Keys - Keyed Alike only	
I	9006113	Lock with 3 keys	Fortress Hitchlocks
	9006213	Lock with 3 keys - Keyed Alike	
	9006201	Extra Keys - Keyed Alike only	
J	9007113	Lock with 3 Keys	Supaclamp Duo Gold
	9007213	Lock with 3 keys - Keyed Alike	
	9002601	Extra Keys - Keyed Alike only	
K	9007513	Lock with 3 keys	Heavy Duty Security Posts
	9007613	Lock with 3 keys, Keyed Alike	
	9002601	Extra Keys -Keyed Alike Only	

Extra keys are available on some products at time of ordering a product or replacement lock, but we can't guarantee to be able to offer replacement keys to specific numbers after initial order.

ACCESSORIES

WHEELCLAMP ACCESSORIES & PARTS

	Product Code	Model
	9900011	Case Only in Red, suitable for HD1, Supaclamp & Trailer Clamp (as shown on pages 10-12)
M	9900034	Allen Key
N	9900035	Straight Allen Key
O	9120053	Pin & Bolt set for HD1
P	9150021	Refurb Kit for HD1 - Lock & 2 keys, Allen Key, Pin & Bolt

LOCKING WHEEL BOLT ACCESSORIES

	Product Code	Model	Fit
Q	9188701	Key only for 181 Locking Wheel Bolts	see page 19
R	9188901	Key only for 183 Premium Locking Wheel Bolts	

LEG LOCK ACCESSORIES & PARTS

	Product Code	Model
S	9310034	Allen Key
T	9310036	Metal Inner casing tube Only
U	9310037	Hex Key
V	9319935	Outer casing tube Only (without lock)
G	9004112	Lock with 2 keys
	9300012	Case Only for Twin Pack (as shown on page 33)
	9300014	Case Only for Quad Pack (as shown on page 33)

Other Parts and Accessories available – Please ask

NOTES

TERMS & CONDITIONS

PAYMENT: All credits accounts are due for settlement 30 days nett from date of invoice. Goods must be paid for before despatch for all Proforma accounts.

CARRIAGE CHARGES: Please ask for cost when ordering.

RETURNS: Unwanted returned items are subject to a minimum 20% handling charge, and prior authorisation must be given before returning via customer's carrier.

RECEIVING GOODS: Please ensure you sign carriers notes for the correct number of boxes received. All goods lost, delayed, or damaged in transit must be notified within 3 working days, otherwise we cannot accept any liability.

RETENTION OF TITLE: Passing of title. The property of all equipment sold by SAS Security Products Ltd shall remain within the company until such sums at the time owing to the company under this or any other contract have been paid in full. All subject to SAS Security Products Ltd's full Terms & Conditions, which are available on request.

OMISSIONS & ERRORS: Whilst every effort has been made to represent products correctly, SAS will seek to rectify any issues where possible, but will not take responsibility for any liability, arising from omissions & errors in this brochure.

E&OE.

SECURE YOUR WORLD

SAS SECURITY PRODUCTS LTD
The Action Building, 63 Victoria Road,
Burgess Hill, West Sussex, RH15 9LN

+44 1444 675889
sales@sasproducts.com
www.sasproducts.com

Company Registration No: 2701887
Registered Office: The Action Building, 63 Victoria Road,
Burgess Hill, RH15 9LN VAT Registration No: 729 1709 19

YOUR LOCAL SAS DEALER IS: