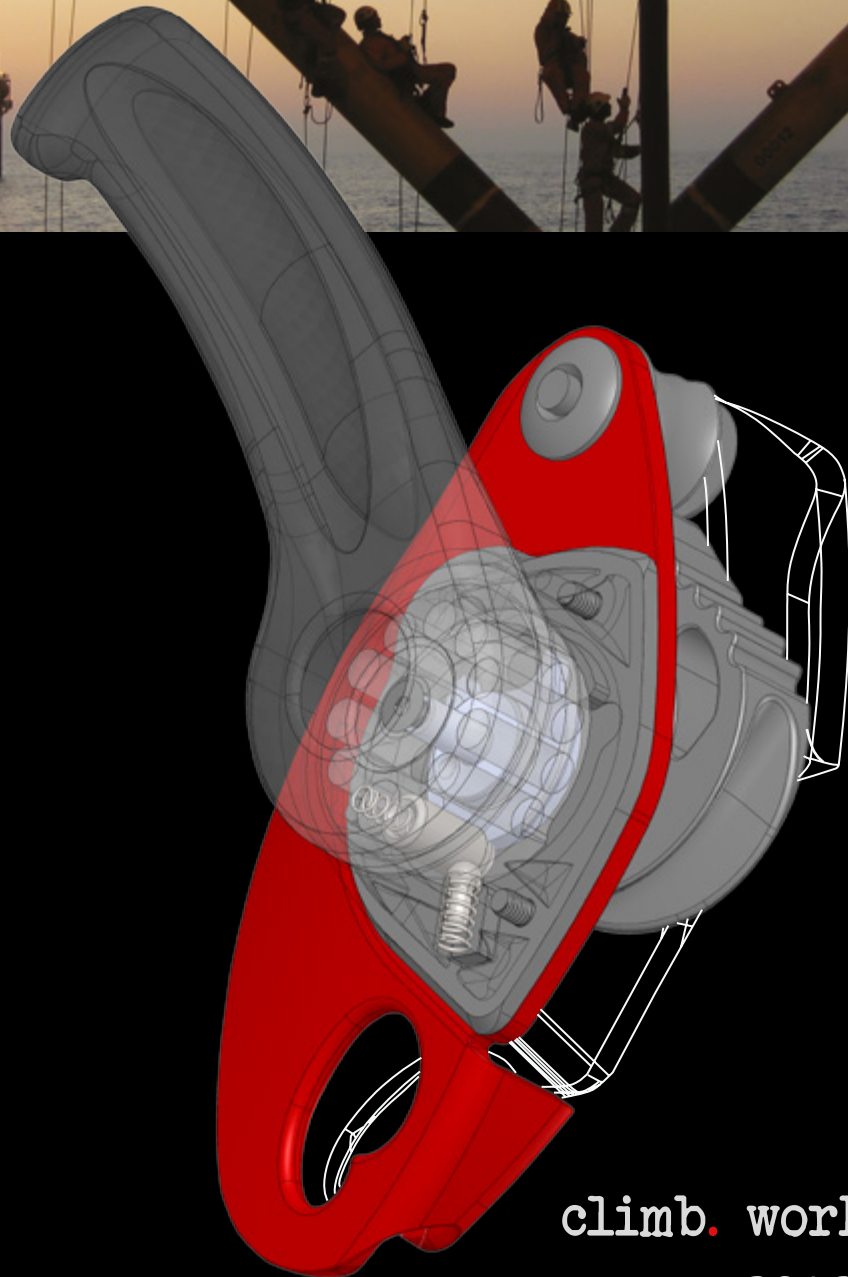


I|S|C

Solutions in Metal



climb. work. rescue.
2016 Catalogue

climb.
work.
rescue.

ISC
Solutions in Metal



Welcome to the ISC product catalogue

ISC Ltd is a world renowned company specialising in the design, development and manufacture of innovative engineered components and other 'Solutions in Metal'. We have been at the forefront of climbing, rigging and rescue product development for more than 20 years and our products are distributed and used in over 30 countries worldwide.

We supply products globally to the 'Working at Height' industry which includes Arborists, Fire & Rescue, Rope Access, and other industrial fall protection users, as well as the Motor Racing, Military and other specialist markets.

ISC products conform to International Standards including CE (PPE Directive 686/89), ANSI Z359 and NFPA 1983 and are manufactured in accordance with an ISO9001 Quality Assurance system, audited and accredited by SGS.



Herzlich willkommen zum ISC-produktkatalog

ISC ist ein weltweit anerkanntes Unternehmen, das sich auf die Konzeption, Entwicklung und Fertigung von Sicherheitskomponenten und sonstigen 'Lösungen aus Metall' spezialisiert hat. Wir stehen seit über 20 Jahren an der Spitze der Produktentwicklung für Kletter-, Spannsystem- und Rettungslösungen, und unsere Produkte werden in über 30 Ländern vertrieben.

Wir liefern weltweit Produkte für alle Arten von Höhenarbeiten wie Baumpflege, Rettungsdienste, Hochseilparcours, Kletterwände und industrielle Absturzsicherung sowie für Motorsport, militärische Zwecke und sonstige Spezialmärkte.

ISC-Produkte entsprechen internationalen Standards wie CE (PPE Richtlinie 686/89), ANSI Z359 und NFPA 1983. Sie werden gemäß einem ISO9001-Qualitätssicherungssystem von der SGS hergestellt, geprüft und zugelassen.



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Bienvenidos al catalogo de productos des ISC

ISC es una empresa conocida mundialmente que se especializa en el diseño, desarrollo y fabricación de componentes de seguridad crítica y otras 'Soluciones de Metal'. Hemos liderado el desarrollo de productos de alpinismo, jarcía y de rescate durante más de 20 años y nuestros productos se distribuyen y usan en más de 30 países en todo el mundo.

Suministramos productos en todo el globo para los trabajadores de sectores de trabajos en alturas, como la arboricultura, los servicios de emergencia, los circuitos de cuerdas, las paredes de escalada y la prevención de caídas en la industria, además de las carreras de motor, el sector militar y otros mercados especializados.

Los productos ISC cumplen con los estándares internacionales, como la Directiva 686/89/CEE relativa a los equipos de Protección Individual, la norma ANSI Z359 y la NFPA 1983, y se fabrican de acuerdo con el sistema de garantía de calidad ISO9001 auditado y reconocido por la organización SGS.



Bienvenue dans le catalogue de produits ISC

ISC est une entreprise mondialement connue, spécialisée dans la conception, le développement et la fabrication d'éléments d'ingénierie et autres 'Solutions en Métal'. Nous sommes à la pointe du développement de produits d'alpinisme, de levage et de sauvetage depuis plus de 20 ans et nos produits sont distribués et utilisés dans plus de 30 pays à travers le monde.

Nous fournissons des produits à des entreprises pratiquant le travail en hauteur, notamment les arboriculteurs, les services d'urgence, les centres proposant des parcours acrobatiques ou des murs d'escalade protection contre les chutes. Nous fournissons également le secteur des courses automobiles, l'armée et d'autres marchés spécialisés.

Les produits ISC sont conformes aux normes internationales dont les normes CE (directive 686/89 relative aux équipements de protection individuelle), ANSI Z359 et NFPA 1983 et sont fabriqués conformément à un système d'assurance qualité ISO9001 audité et accrédité par SGS.



Benvenuti al catalogo prodotti ISC

ISC è un'azienda di livello mondiale specializzata in progettazione, sviluppo e realizzazione di importanti componenti tecnici di sicurezza e altre 'Soluzioni in Metallo'. Da oltre 20 anni siamo all'avanguardia nello sviluppo di prodotti per l'alpinismo, per i sistemi di paranchi e per le operazioni di salvataggio e i nostri prodotti vengono distribuiti e utilizzati in più di 30 paesi nel mondo.

Forniamo prodotti a livello globale per il settore del lavoro in quota, che include arboricoltura, servizi di emergenza, percorsi elevati, arrampicate e utenti di protezioni anticaduta industriali, oltre a vari mercati specialistici come quello automobilistico o militare.

I prodotti ISC sono conformi agli standard internazionali fra cui CE (Direttiva sui dispositivi di protezione individuale 686/89/CEE), ANSI Z359 e NFPA 1983 e vengono realizzati in conformità al sistema di gestione della qualità ISO9001, verificato e certificato da SGS.



Design, Prototype, Manufacture & Testing



Our philosophy here at ISC is to provide our customers with the best products possible. To achieve this we actively consult with and listen to our customers' ideas, feedback and expectations. This valuable information is then fed in to our new product development process. Feedback about existing products helps to drive our process of continuous product improvement.

We believe that these processes are key to our goal of supplying our customers with products that perform optimally in the demanding environments in which they are used.



Engineering & Design

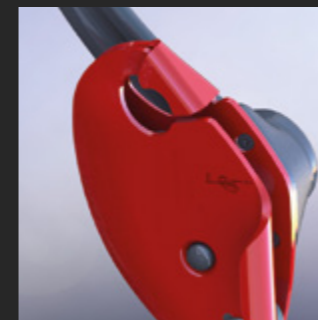
ISC has a team of experienced engineers who are experts in advanced design and manufacturing processes. Our engineers use the latest state of the art software, hardware and systems through the entire product development cycle. This is all carried out under a single roof at our facility in Bangor, North Wales. We also maintain close ties with a number of Universities giving us access to the latest thinking, materials and technologies, and we encourage and invest in the engineers of the future through work placements and apprenticeships.



Manufacturing Facilities

Our highly skilled manufacturing department is where our innovative product ideas are transformed from raw material to finished goods, within our 25,000ft² facility in North Wales.

Using the latest high speed CNC machines and advanced manufacturing technologies, ISC is ready and able to meet the increasingly complex demands of user groups from around the world for sophisticated yet easy to use products.



Software & Prototyping

Using the latest Solidworks[™] 3D Computer Aided Design (CAD) software provides us with a complete design and virtual proving environment. This capability enables our engineers to interact in virtual reality with the products to visualise, test, and optimise the design.

























To complement our design abilities we have advanced in house prototyping facilities. These include both manual and CNC machining centres. Our CNC machines are networked to our MasterCam X[™] Computer Aided Machining (CAM) software which allows rapid programming of machinery to produce complex 3D surfaces and shapes. The cross section of machinery available allows us to rapidly, accurately and repeatedly reproduce our designs in any metal or plastic material required.



Testing & Quality Control

Product testing, quality inspection and quality control are central to our culture at ISC. Every product sold is individually inspected to ensure that it meets both the relevant national and international standards, as well as our own rigorous standards. At ISC we believe that it is vital that every piece of safety critical equipment has been thoroughly tested and inspected by highly competent people, reassuring the user that each and every component meets the highest standards.

The installation of a new 19m tower at our factory allows us to comprehensively test our products through the development phase to ensure they meet user expectations as well as international standards.

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Industries



Rope Access

We offer a comprehensive range of products for rope access and rescue. Our engineering expertise is behind some of the most respected products in the industry including the new RAD work positioning device and our comprehensive range of portable anchor devices which are all rated for rescue. But our most recent innovation is the D4™ Work/Rescue Descender which offers a simple, safe and robust solution for rope access users.



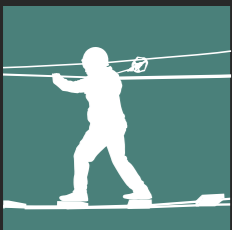
Arborist

We offer a comprehensive range of products for Arborists. Our engineering expertise is behind some of the most respected products in the industry including the first ever triple action snaphook, our wide range of heavy duty rigging pulleys is well established as the 'tried, tested and trusted' rigging solution, but our most recent innovation the 'Rope Wrench' offers a revolutionary solution for SRT.



Industrial Height Safety

We offer a comprehensive range of products for the Industrial Work-at-Height and Confined Space sector. Our engineering expertise is behind some of the most respected products in the industry including the R-ALF™ Rescue Auto-Locking Pulley, our wide range of stainless steel karabiners and pulleys is the most comprehensive in the world, and the new range of Merlin fall arrest blocks will offer a competitive alternative for anything bigger than 10m/30ft. But our most recent innovation the D2™ Escape Descender offers a simple and cost-effective solution for the Wind Energy sector.



Adventure Park

We offer a comprehensive range of products for the Adventure Park sector. Our engineering expertise is behind some of the most respected products in the industry including the well established ALF™ Climb Assist Pulley, our wide range of Zipline trolleys offers a huge selection of devices and accessories for super-fast high-throughput courses down to smaller clip-on clip-off courses. But our recent innovation the SmartSnap™ offers the most simple and cost effective solution for Individual Safety Systems (Smart Self Belays) Category E.



Edge Management

We offer a comprehensive range of Edge Management solutions. Our engineering expertise is behind some of the most respected products in the industry including the Rescue Tripod and the Deadweight Trolley systems as well as being main European distributor for Arachnipod - the worlds most versatile modular edge management system.



Search & Rescue (SAR)

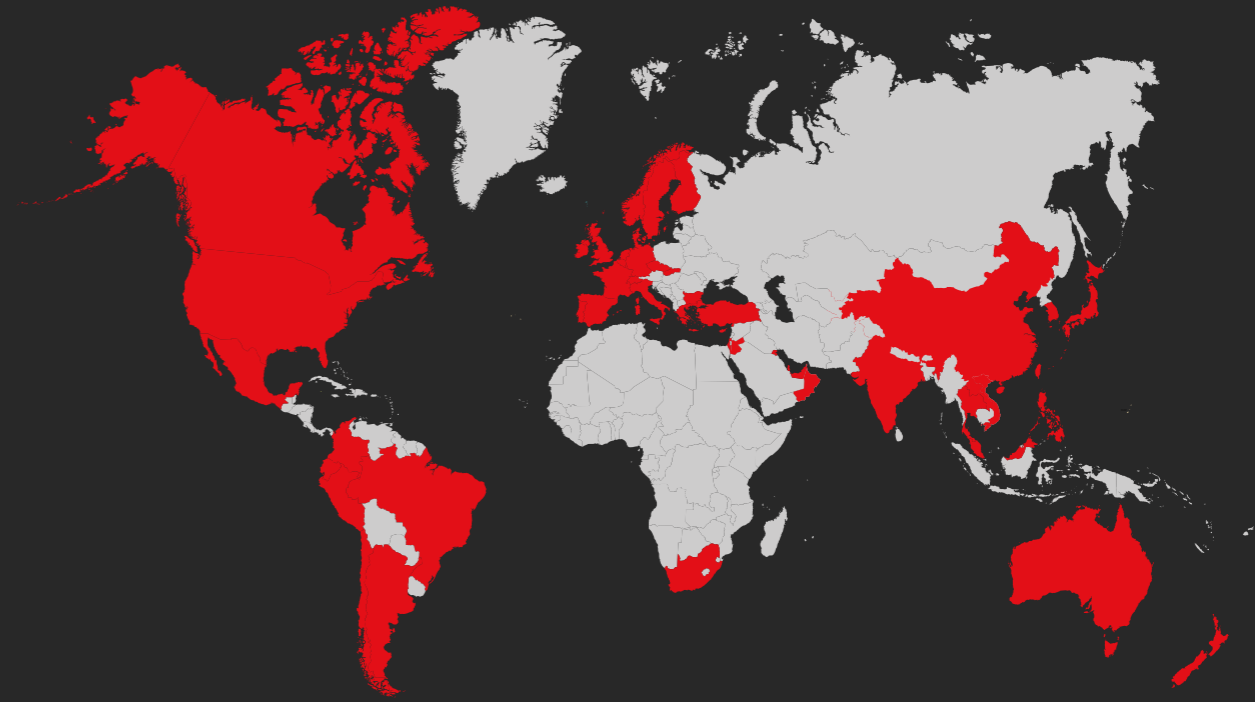
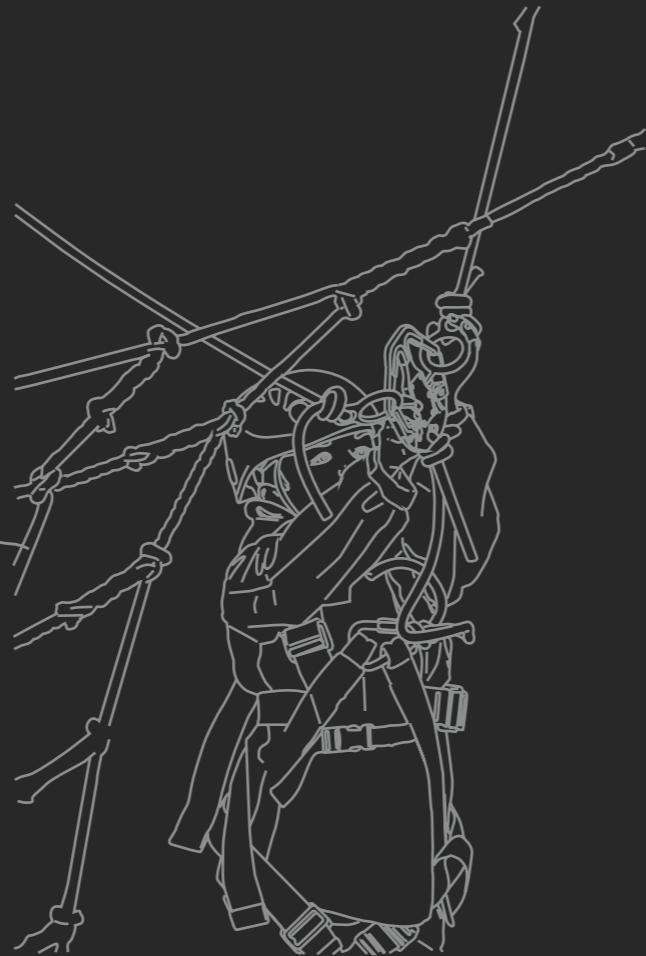
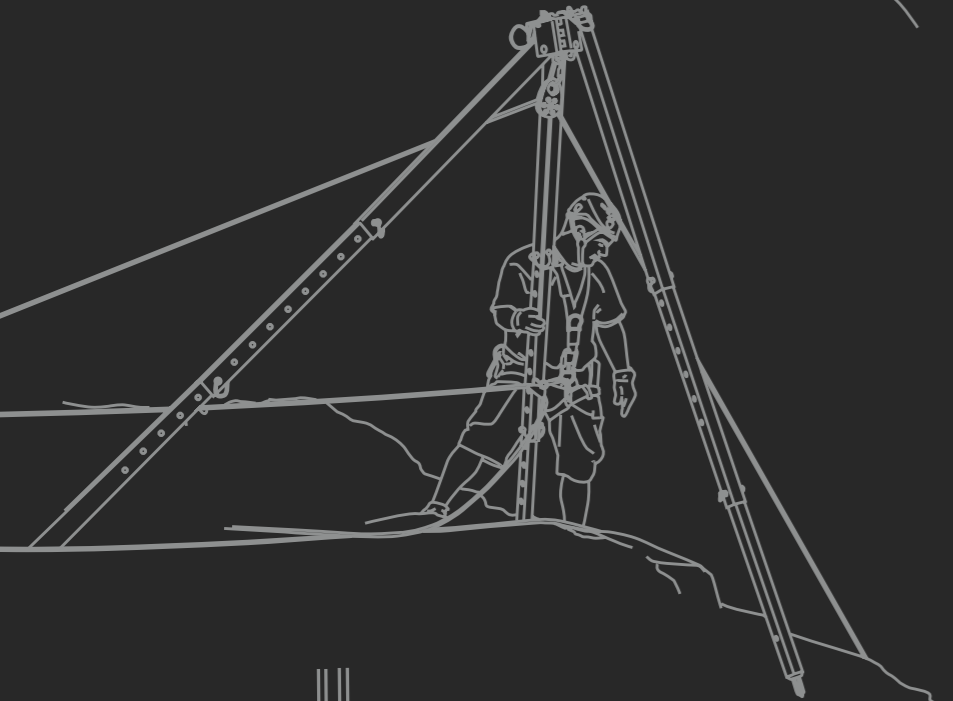
We offer a comprehensive range of products for the Search & Rescue sector. Our engineering expertise is behind some of the most respected products in the industry including the original Rocker rope grab, our wide range of Prussik pulleys is the most comprehensive anywhere in the world and the Iron Wizard 70kN karabiner is not only the strongest available in the world but our most popular connector for this industry. But our most recent innovations are the D4™ and D5™ Work/Rescue Descenders which offer a simple but versatile and highly robust solution for SAR users.



climb. work. rescue.

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Solutions in Metal



climb. work. rescue.

ISC is a small independently owned company run by enthusiastic people with a passion for innovation and customer service.

Our reputation has been built on listening to customers' needs and then designing and producing robust and remarkable products.

We stick with what we know best - 'Solutions in Metal' - specialising in metal components and systems for Industrial CLIMBING, WORK at height and RESCUE sectors although we have diversified into many other sectors such as motor sport and military.

From small beginnings in 1995, ISC has developed into a mature but fast-reacting business capable of developing truly innovative products for a wide range of markets and users across all continents and the ISC brand is becoming globally accepted as the leading brand for high-quality, high-performance and highly reliable products.



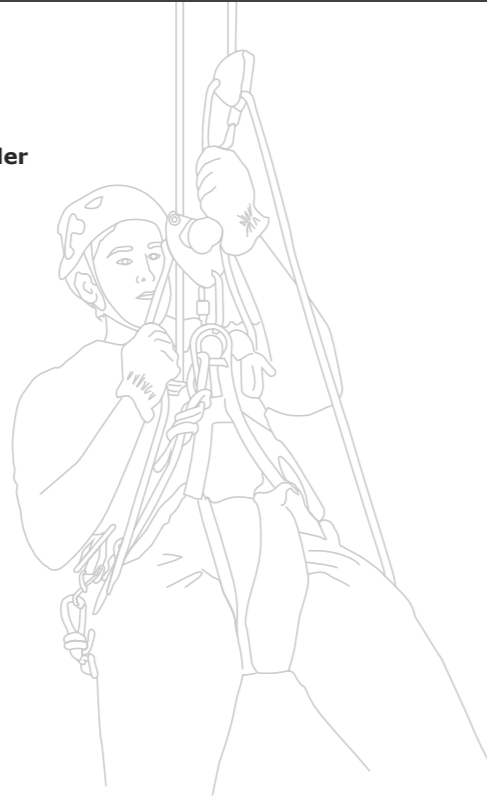
D5™ Work/Rescue Descender



The D5™ is a double-stop device with an auto-lock function which is activated whenever the operator lets go of the handle and a panic brake which is not overly sensitive in normal use.

NEW!

RP885 D5 Work/Rescue Descender



Features & Applications

The D5™ Descender also has a double safety locking mechanism, which means when loaded, the side plates cannot be rotated open due to the positioning of the Karabiner and the push button 'click-lock' safety closure. The D5™ is easy to attach/detach from rope without detaching from operators harness, therefore eliminating the risk of accidental dropping of the device.

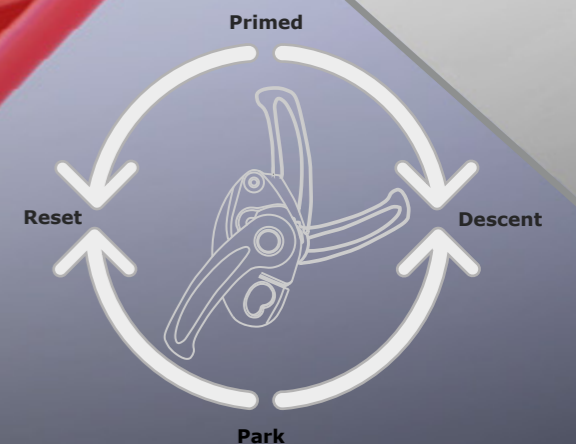
The D5™ is a featured product compliant with NFPA G and ANSI Z359.4 for the North American Fire/Rescue and Tower Climber markets which typically use 1/2" ropes.

Technical Information

	Weight	Rated Load	Rope Ø
RP885	818g (29oz)	240kg (551lb)	12.7mm (1/2")

It is also easy to back-feed the rope through the D5™ and therefore it can be used for smooth ascending or for emergency hauling (when used as part of a 2:1 'Z-rig').

D5 ESCENDER




A unique feature of the D series is that the handle rotates fully through 360° and emits audible 'clicks' as an indicator to the user of positive engagement of the mechanism.



Adam Davies

ISC Product Specialist descends the 127m (418ft) National Lift Tower using the D4[™] Work/Rescue Descender and RED[™] Back-up Device

Location: Northampton (UK).

D4[™] Work/Rescue Descender

The D4[™] is a double-stop device with an auto-lock function which is activated whenever the operator lets go of the handle and a panic brake which is not overly sensitive in normal use.

RP880 D4[™] Work/Rescue Descender



Features & Applications

The D4[™] cam is made from a super hard solid Stainless Steel and is highly wear and corrosion resistant. The D4[™] is a featured product compliant with CE Standards, NFPA T and ANSI Z359.4 for the worldwide Rope Access and Rescue markets which typically use 10.5mm/11mm ropes.

The D4[™] Descender features a unique and innovative progressive cam action, which offers control at slow or fast speeds. The progressive cam works by way of one cam operating inside another cam.

It is also easy to back-feed the rope through the D4[™] and therefore it can be used for smooth ascending or for emergency hauling (when used as part of a 2:1 'Z-rig').



Push Button & location hole

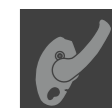
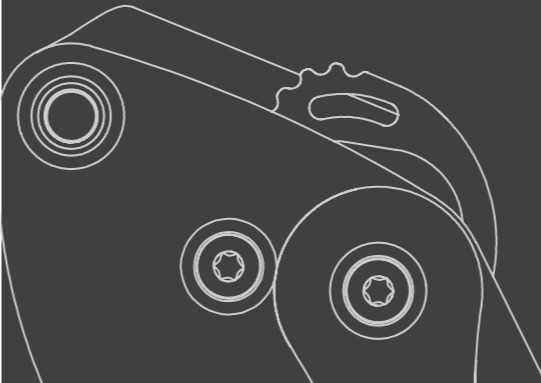
The D4[™] & D5[™] both feature a rated load of 240kg (550lbs), making it a true Work/Rescue Descender.



The D4[™] is suitable for rescue with 10.5-11.5mm (7/16") Low Stretch ropes. (EN1891).

Technical Information

	Weight	Rated Load	Rope Ø
RP880	655g (23oz)	240kg (551lb)	10.5-11.5mm (3/8-7/16")

D2™ Escape Descender

The D2™ Escape Descender is a new and innovative 'double-stop' Descender. The 'double-stop' function means that the D2™ Descender has a sweet spot in which the descent speed can easily be controlled. Either side of the sweet spot there is an auto-lock function - when the user lets go of the handle it automatically stops and when the user pulls the handle too hard it automatically stops, (often referred to as a 'panic-stop').

KT860 D2™ Escape Descender Kit



Technora Rope

Aramid fibres (such as Technora) are perfect for use in applications where fire is the main hazard (bail out or evacuation from wind turbines).

Polyester Rope

Standard Polyester ropes are ideal for use in other areas, (such as Linesman self-rescue from pole tops or for escape from towers or elevating work platforms/skylifts).

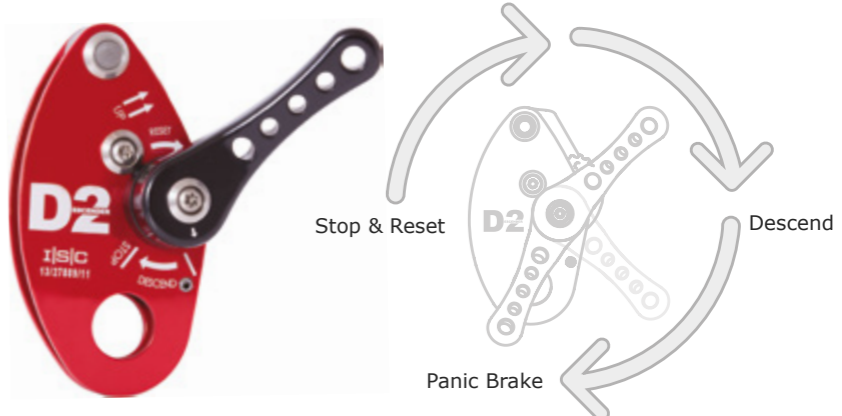
Features & Applications

Our Engineers developed a new handle operated cam system specifically so that in a panic situation the Descender would actually stop the descent, rather than just slow it down - the D2™ Descender is the only Micro-Descender in the world to offer this function.

The D2™ can be controlled by pushing in the cam (ideally using the thumb), which allows the user to smoothly feed the rope through the device, without the use of the handle. The cam feed feature is particularly useful in Bail out Operations.

It is also easy to back-feed the rope through the D2™ and therefore it can be used for smooth ascending or for emergency hauling, (when used as part of a 2:1 'Z-rig').

The Descender is compact and lightweight, allowing it to be carried on the harness at all times - some harness manufactures have integrated it into a harness back-pack so that self-rescue can be made easy.

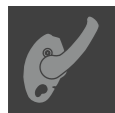


Standard Kits are supplied with a 15m (50ft) working length. Other lengths are available on request. Model shown is KT860A (Polyester rope). Standard kits are assembled with knotted termination. Sewn terminations available on request*.

*Additional fee applies

Technical Information

Rope	Kit Weight	Rated Load	Rope
KT860A Polyester	493g (17oz)	100kg (220lb)	45g/m (0.5oz/ft)
KT860B Technora	493g (17oz)	100kg (220lb)	46g/m (0.6oz/ft)



RP810



Features & Applications

The A-B Descender is a 'squeeze style' device, designed for the use in Technical Rope Access, Intervention/Special Forces and is rated for two-person rescue loads.

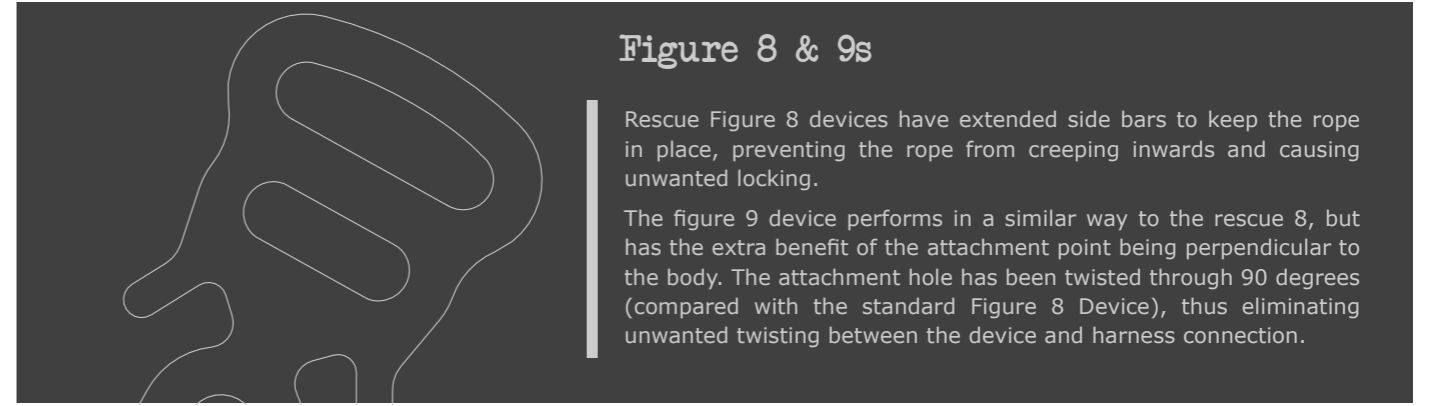
The A-B Descender is fitted with an extended, spring loaded flip down handle which gives extra leverage when a fine degree of descent control is required. The flip down handle is of particular use for extra control of a two-person rescue.



Figure 8 & 9s

Rescue Figure 8 devices have extended side bars to keep the rope in place, preventing the rope from creeping inwards and causing unwanted locking.

The figure 9 device performs in a similar way to the rescue 8, but has the extra benefit of the attachment point being perpendicular to the body. The attachment hole has been twisted through 90 degrees (compared with the standard Figure 8 Device), thus eliminating unwanted twisting between the device and harness connection.



Micro 8

The RP120 Micro 8 was designed specifically to be lightweight & compact, even including a length of rope. It is designed to work on Sterling 6mm TRC rope. The double bar design of the Micro 8 means that the friction can be varied according to the demands of the user.

The Micro 8 is individually CNC machined for strength, with well radiussed edges to reduce rope wear. At 56g (2oz) the RP120 is the lightest Figure 8 in the world.

RP120



RP815



Features & Applications

The RAD 'Rope Adjustment Device' is a multifunctional device which can be used as part of a work-positioning lanyard (for 10.5 - 12.7mm rope). The RAD can also be used for ascent, descent, work positioning/restraint, belay and progress capture.

The 'squeeze style' device makes smooth adjustment easy, while the spring-loaded flip down handle allows easy use, especially in descent mode.

The RAD can be supplied as an individual device* which can be fitted with rope and a choice of connectors.

*See pages 58-63 for connectors (Available outside the EU only)



KT815 RAD Work Positioning

Technical Information

	Type	Weight	Rope
RP810	A-B Descender	449g (16oz)	10.5-12.7mm (3/8 - 1/2")
RP815	RAD	306g (11oz)	10.5-12.7mm (3/8 - 1/2")

Squeeze style handle



RP100



RP110



RP101



RP130



Edge Protection

The ISC Edge Roller is ideal for protecting ropes from wear. Each Edge Roller box has base rollers and side rollers, to protect the rope from edge wear and lateral movement.

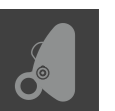
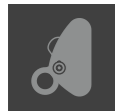
Edge Roller boxes are sold separately and boxes can be added or removed to suit the terrain of each application.

ER100



Technical Information

	Type	Weight	MBS	Rope
Figure 8				
RP120	Micro 8	56g (2oz)	25kN (5620lbf)	5-7mm (3/16-5/16")
RP110	Standard	112g (4oz)	25kN (7868lbf)	8-13mm (5/16-1/2")
RP100	Rescue (Aluminium)	196g (7oz)	35kN (17985lbf)	9-13mm (5/16-1/2")
RP101	Rescue (Stainless)	600g (21oz)	80kN (5620lbf)	9-13mm (5/16-1/2")
Figure 9				
RP130	Figure 9	200g (7oz)	30kN (6744lbf)	9-13mm (5/16-1/2")
Edge Protection				
ER100	Edge Roller (1 Unit)	445g (16oz)	-	8-16mm (5/16-5/8")



Ropegrabs & Back-up Devices

ISC standard Ropegrabs are available with fixed or removable (Pip Pin) axles. The Pip Pin axle is quick and easy to fit/release and allows the Ropegrab to be fitted to the rope at any point, without detaching from the user's harness.

ISC Ropegrabs can be used on work positioning lanyard/fliplines as well as part of vertical fall arrest systems.

RED™ Back-up Device

The RED's cams have a positively locking spring which means that the device is self-parking rather than self-tailing. This is important for Rope Access work techniques as they require the back-up device to be positioned so as to reduce fall factors to a minimum.



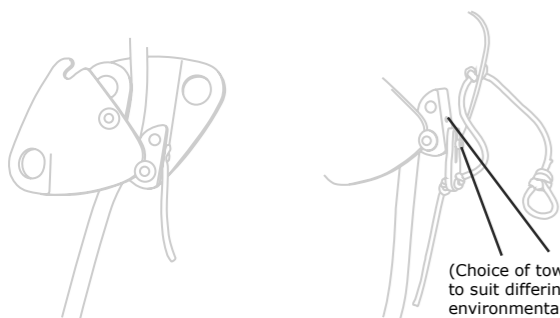
The RED is designed for use with an 800mm (31.5") Dynamic Cowstail- shock absorber not required

Popper™ Cord

The Popper™ device is a breakaway release clip, which provides a secondary attachment point for the tow cord. When used during normal positioning activity, this secondary attachment point allows the user to tow the device directly downwards. In a panic situation the popper clip is designed to release under load and mitigate against uncontrolled towing of the device.

RP891 Fixed

RP892 Popper



(Choice of towing positions, to suit differing rope & environmental conditions).

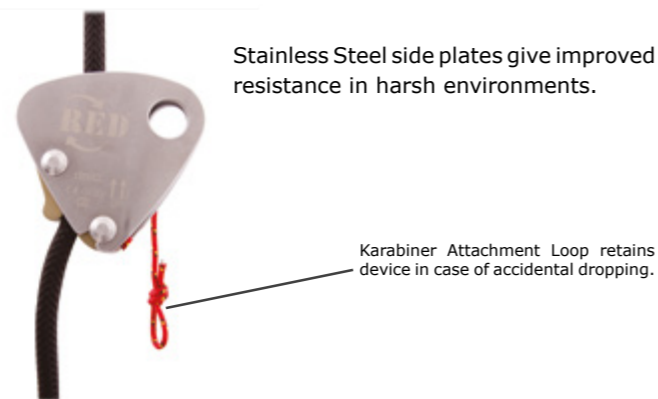
Rotational Braking

The RED™ makes use of 'Rotational Braking' which means that the device rotates clockwise creating friction and resistance, which then results in very effective automatic braking in the event of a sudden pull on the cows-tail such as might occur during a main line failure.



RED™ Device in locked position

NEW! Stainless Steel Version Available



Stainless Steel side plates give improved resistance in harsh environments.

Karabiner Attachment Loop retains device in case of accidental dropping.

Technical Information

Type	Weight	Rope Ø
RP890 No Cord	221g (8oz)	10.5-11mm (3/8-7/16")
RP891 Fixed Cord	222g (8oz)	10.5-11mm (3/8-7/16")
RP892 With Popper™	224g (8oz)	10.5-11mm (3/8-7/16")
RP892E With Popper™ (Stainless Steel)	414g (14oz)	10.5-11mm (3/8-7/16")

RP203



RP204



RP209



RP205



Rocker

RP500



Rocker™

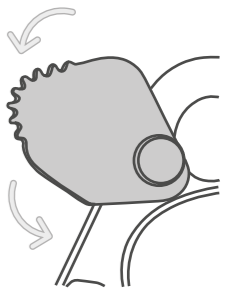
The Rocker™ can be fitted to the rope at any point and can be used hands-free as a self-tailing device when travelling up or down the rope. The Rocker is designed for use without a shock-absorber and can be used as a Rope Adjuster or on a work positioning lanyard/Flipline, (In accordance with EN358).



photo © Aerial View Photography

Thumb-catch

Allows the Rocker™ to be 'parked' on the rope at any position, for work positioning or as a mid-line anchor.



Technical Information

Type	Weight	Rope Ø
Fixed Axle Ropegrabs		
RP203 Small	177g (6oz)	10.5-13mm (3/8-1/2")
RP204 Large	300g (11oz)	14-16mm (9/16-5/8")
Removable Pip Pin Ropegrabs		
RP209 Small	180g (6oz)	10.5-13mm (3/8-1/2")
RP205 Large	302g (11oz)	14-16mm (9/16-5/8")
RP500 Rocker™	168g (6oz)	10.5-12.7mm (3/8-1/2")



Hand & Chest Ascenders

ISC Hand Ascenders are sleek & ergonomic by design. They are machined from high-strength Aluminium extrusion and are suitable for heavy-duty use.

The ISC Chest Ascender is compact & lightweight and has been designed for use on a full body harness, and therefore it is ideal for use in Rope Access work.

Anchors & Accessories

Girder Grip & Wire Anchor Strops are made from high strength materials & can be used in vertical or horizontal plane. Girder/Concrete Anchors & Strops are Approved to CE EN 795.

ISC Rigging Plates are made from high strength Aluminium and have 20mm (3/4") holes, to allow Karabiners to be fully rotated.

RP210



RP220



RP230



RP240



Hand Ascenders

ISC Hand Ascenders are fitted with Stainless Steel cams. All ISC Hand Ascenders have both primary and secondary attachment holes. ISC Ultrasafe Hand Ascenders are fitted with a pin to limit the range movement of the cam in order to prevent the rope from being accidentally pulled out between the cam and the body. ISC Professional and Ultrasafe Hand Ascenders have moulded comfort-grip handles.

Chest Ascender

The cam is spring-loaded and fitted with a catch mechanism, to allow for easy one-handed operation of the device whilst attaching/removing the device to/from the rope.

The Chest Ascender has an increased grip at low load, even on wet/greasy/oily ropes. The spikes are angled downwards, giving maximum grip, whilst allowing the cam to slide easily up the rope.

Foot Adjuster/Foot Loop

RP305



Weight: 31g (1oz)
Rope Ø: 9-13mm (5/16-1/2")

KT305



91-145cm (3"-5'9")
Weight: 31g (1oz)
Rope Ø: 9-13mm (5/16-1/2")

The Rope Adjuster Plate allows the user to quickly and easily adjust the rope as required. The Rope Adjuster Plate offers non-slip rope adjustment. The Foot Loop is lightweight and compact, with a wear sleeve for durability of the foot area.

RP229




Suitable for use on 9 - 13mm (5/16-1/2") Rope
Weight: 164g (6oz)

Technical Information

	Type	Weight	Rope Ø
Hand Ascender - Professional			
RP210	Left Handed	364g (13oz)	9-13mm (5/16-1/2")
RP220	Right Handed	364g (13oz)	9-13mm (5/16-1/2")
Hand Ascenders - Ultrasafe			
RP230	Left Handed	367g (13oz)	9-13mm (5/16-1/2")
RP240	Right Handed	367g (13oz)	9-13mm (5/16-1/2")

GG101

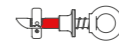



Working Length:
43mm (1 11/16")

WSX00 Range

GG201





Working Length:
335mm (13 3/16")

Features & Applications

GG301




Working Length:
100mm (4")

Stainless Steel version now available

RP300



RP310



RP320



ISC Girder & Concrete Anchors are a quick and easy portable anchorage solution which can be used in the vertical or horizontal plane. These anchors are operated by using two fingers to pull back the red collar. This action retracts the retention bar, allowing the device to be inserted in to the anchor hole. Once the device is in position, the red collar can be released, causing the retention bar to engage, fixing the device in the anchor hole.

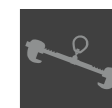
ISC Wire Strops are available with 7mm Galvanised Steel or Stainless Steel wire and with a choice of thimble (rigid) eye, or soft eye loops. ISC Strops are fitted with a protective PVC cover. Strops are available in a range of standard lengths (at 0.5m increments), with bespoke lengths also available on request.

Technical Information

	Type	Weight	MBS
Girder/Concrete Anchors - EN795			
GG101	Small (Girder Grip)	550g (19oz)	28kN (6294lbf)
GG201	Large (Concrete Anchor)	1160g (41oz)	28kN (6294lbf)
GG301	Medium (Pre-cast Anchor)	680g (24oz)	28kN (6294lbf)
Wire Strops - EN795			
WS100	100cm (39")	502g (18oz)	25kN (5620lbf)
WS150	150cm (59")	780g (28oz)	25kN (5620lbf)
WS200	200cm (78")	998g (35oz)	25kN (5620lbf)
Rigging Plates			
RP300	Small	93g (3oz)	36kN (8093lbf)
RP310	Medium	219g (8oz)	40kN (8992lbf)
RP320	Large	442g (16oz)	45kN (10116lbf)



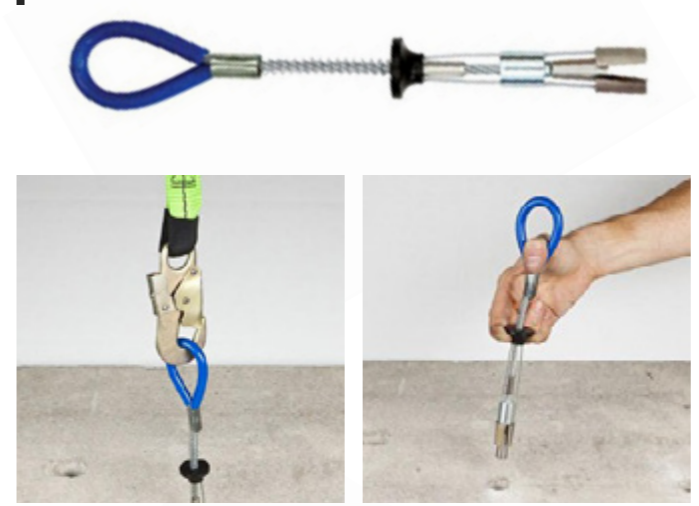
Photo Courtesy of Canadian Rope Access




ClimbTech™ Portable Anchors

Developed and manufactured in the USA the full range of Climbtech anchors is available through ISC as their primary European distributor.

CT102



CT103



Removable Concrete Anchors

ClimbTech™ Concrete Anchors are portable, reusable devices which can be used in vertical, horizontal or overhead concrete substrate surfaces. Once a suitable hole has been drilled, the anchors can be inserted and removed as required. These anchors are available in two sizes/ratings and are suitable for fall protection applications.

Technical Information

	Weight	MBS	WLL
CT102	221g (8oz)	22kN (5000lbf)	140kg (310lb)
CT103	222g (8oz)	44kN (10000lbf)	140kg (310lb)

CT104



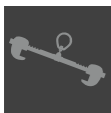
Toggle Lok Anchors

The ClimbTech™ Toggle Lok Anchor is a portable, reusable device which can be used as part of a flexible horizontal life line system (for up to two users), or as a direct anchorage connection (single user). The Toggle Lok can be used in precast concrete and on steel flanges and can be placed in horizontal, vertical, and overhead surfaces.

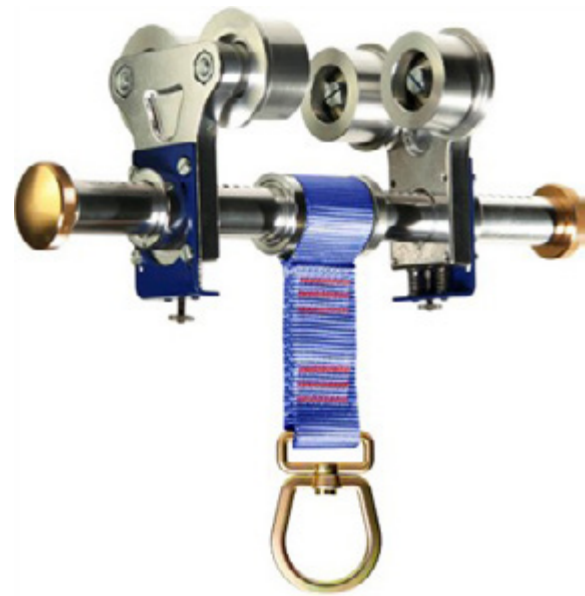
This Anchor should be placed in to a 20mm (3/4") diameter hole.

Technical Information

	Weight	MBS	WLL
CT104	181g (6oz)	22kN (5000lbf)	181kg (400lb)



CT100



Beam Sliders

CT110



305mm - 762mm (12" - 30" range)

CT101



76mm - 305mm (3" - 12" range)



Beam Trolley

The ClimbTech™ Beam Trolley is a mobile anchor point, for use on structural beams. The device is fitted with toggle plates, which allow for simple adjustment of the rollers when installing/uninstalling the device. The Beam Trolley is ideal for use as an anchor connection for fall arrest systems, (not suitable for material handling). No surface alteration (i.e. drilling) is required in order to use the Beam Trolley.

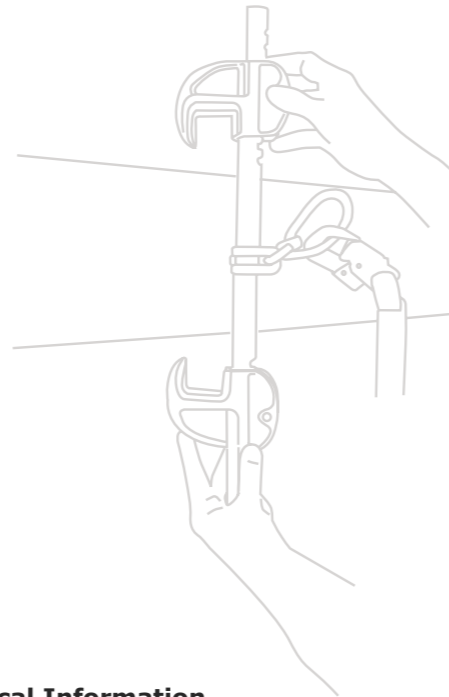
Technical Information

	Weight	MBS	WLL
CT100	221g (8oz)	22kN (5000lbf)	140kg (310lb)

Beam Slider

The ClimbTech™ I-Beam Slider and Super Beam Sliders are lightweight, reusable anchor clamps which can be attached to a range of beam widths. The Beam Sliders are quick & easy to fit/adjust and eliminate the need for surface alteration (i.e. drilling). Once mounted, the Beam Sliders slide freely and easily along the beam in either direction.

Beam sliders are suitable for use in Rope Access and Suspension Applications and are suitable for rescue loads.



Technical Information

	Weight	MBS	WLL
CT110	3.5kg (7lb)	22kN (5000lbf)	140kg (310lb)
CT101	1.5kg (3lb)	22kN (5000lbf)	140kg (310lb)



Vertical/Fixed Beam Clamp

NEW!



102mm - 355mm (4" - 14" range)
Thickness: 635mm (25")



Concrete/Steel Swivel Anchor

The ClimbTech™ Concrete MEGA Swivels rotates through 360° and the D ring pivots through 180° for a maximum versatility. The Swivel Anchor is ideal for permanent or portable use for horizontal lifeline systems, tie back, staging and rigging.

The CT105 Concrete Anchor requires a minimum hole depth of 19mm (3/4").

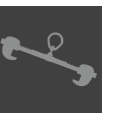
CT105 (Concrete)



CT106 (Steel)

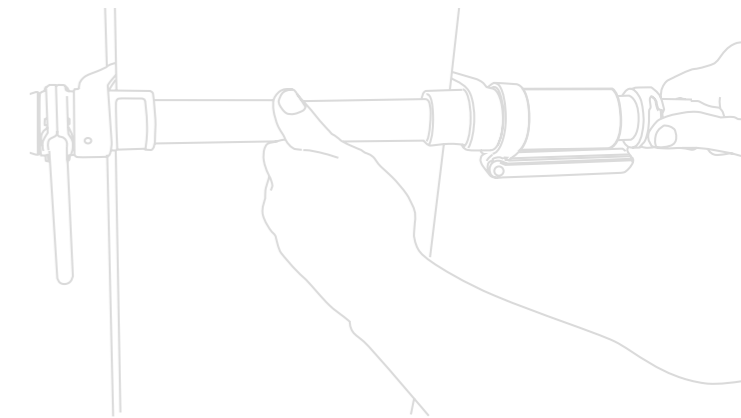


ClimbTech



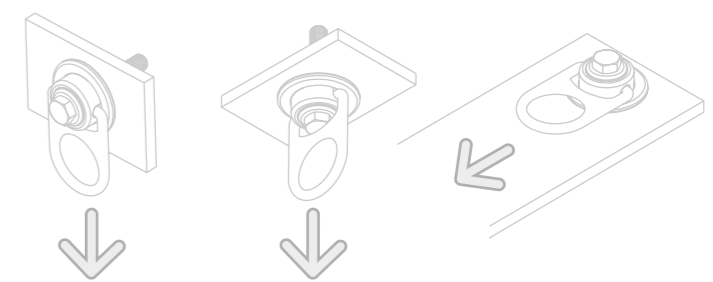
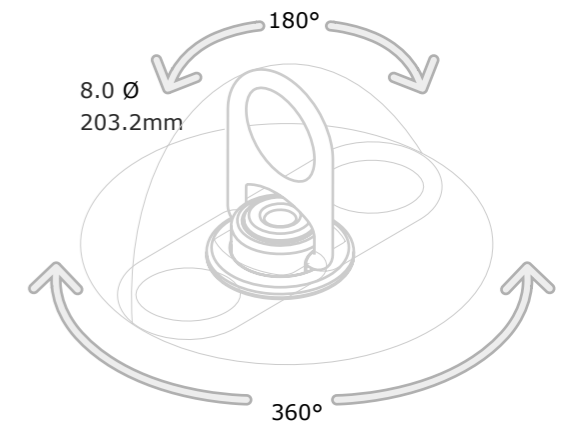
CT113

The ClimbTech™ Vertical Beam Clamp is quick and easy to fit, remove and adjust. Designed to clamp onto steel beams from 102mm (4") to 635mm (25") (with a minimum flange thickness of .25").



Technical Information

	Weight	MBS	WLL
CT113	3kg (7lb)	22kN (5000lbf)	454kg (1000lb)



Technical Information

	Weight	MBS	WLL
CT105	917g (32oz)	44kN (1000lbf)	181kg (400lb)
CT106	847g (30oz)	44kN (1000lbf)	181kg (400lb)



DW100 Deadweight Trolley

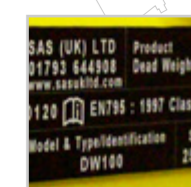
The Deadweight Trolley is a Portable Anchor Device for use behind Structural Handrails, Balustrades and Parapet Walls. The Deadweight Trolley is ideal for use where space is limited and is quick and easy to set up, store and transport.



Rated use: 2 man

CE Certified: EN795:97 Type B

Minimum Upstand Required: 600mm (24")



DW100

DW200 A-Frame

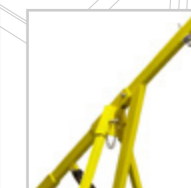
The A-Frame Anchor is ideal for use on flat roof surfaces. The A-Frame can be moved sideways as required, therefore saving time, by reducing the need for re-rigging. The A-Frame has locking wheels, to prevent unwanted movement. The A-Frame easily breaks down in to 6 pieces (plus 12 weights) for easy transport and storage.



Rated use: 2 man

CE Certified: EN795:97 Type B

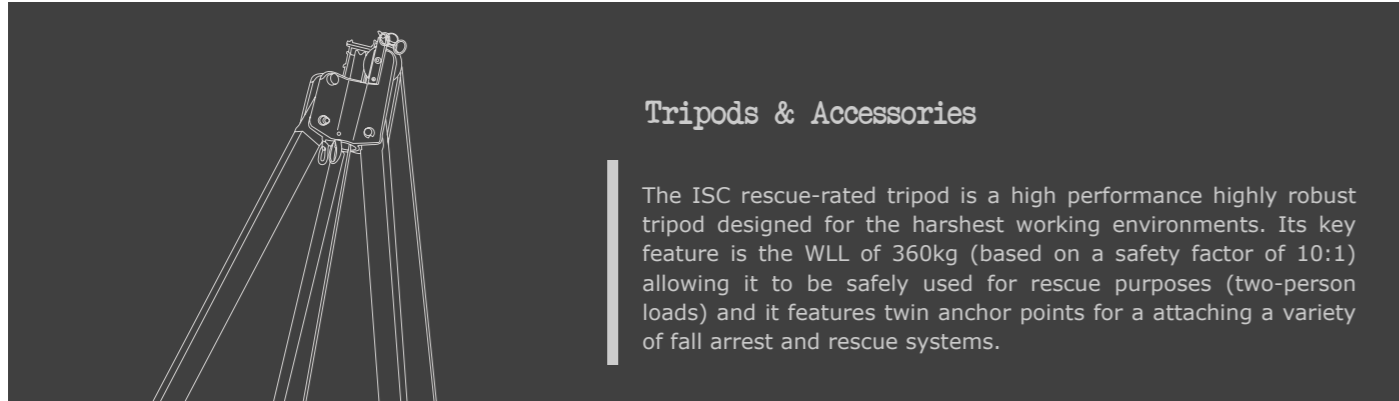
Minimum Upstand Required: 300mm (12")



DW200

Technical Information

	Height	Length	Width	No. of Component Parts	Max Component Weight	Total Weight	SWL
DW100	141cm (55 1/2")	57cm (22 1/2")	54cm (21 1/4")	7 (including weights)	25kg (55lb)	178kg (392lb)	250kg (551lb)
DW200	215cm (84 5/8")	193cm (76")	142cm (56")	18 (including weights)	25kg (55lb)	390kg (860lb)	250kg (551lb)



Tripods & Accessories

The ISC rescue-rated tripod is a high performance highly robust tripod designed for the harshest working environments. Its key feature is the WLL of 360kg (based on a safety factor of 10:1) allowing it to be safely used for rescue purposes (two-person loads) and it features twin anchor points for a attaching a variety of fall arrest and rescue systems.

Tripod

ISC Tripod Heads are manufactured from Cast Aluminium for strength and durability. The standard version (TP143) is fitted with two pulley wheels, with removable captive pins to keep the rope/wire line in place on the pulley wheel. The standard Tripod also has two swivel-eye anchor points. The Tripod legs are adjusted with R-Clip pins, up to a maximum overall height of 255cm (approximately 89"). ISC Tripods are ideal for work and rescue in confined spaces.

Extensive testing of our Tripods without a foot retention strap has confirmed that our Tripods meet/exceed the strength requirements of the standard, without the need to tether the feet. Our Tripod can therefore be supplied and used without a foot retention strap, meaning that the trip hazard around the Tripod is greatly reduced.

Attachment Bracket

A hard wearing Tripod Bracket, for use with the ISC Tripod, Block or Winch system. The GRB150 anti-slip bracket is quick and easy to fit, with a hinged lid and screw design.

We manufacture brackets to fit a range of Tripods - please contact our Customer Service Team for further information.

Winch

The Rescue Winch is designed for use in lifting & lowering applications. We manufacture a range of Tripod attachment brackets. The RW020 Rescue Winch has a working length of 20m (65ft) and should always be used with a secondary back-up system.

The Rescue Winch is fitted with a Steel Swivel eye, double action Snaphook as standard.

GRB150S2



RW020



Fall Arrest Blocks

The UB171 Fall Arrest Block has a cast Aluminium housing, making it suitable for heavy-duty use, even in harsh environmental conditions. The UB171 is fitted with a retrieval winch which can be easily engaged in emergency situations.

The block is fitted with a Swivel-eye Karabiner, which also has a load-indicator. In the event of a fall, the swivel eye will pull out a short way, exposing a red collar.

UB171 15m (50ft)

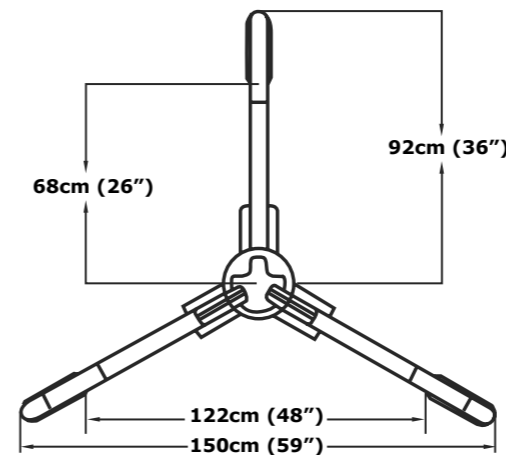
Weight: 9kg (20lb)
WLL: 136kg (300lb)
Fall Indicator: As standard
Gate Type: Twistlock
Wire Diameter: 5mm (3/16")



TP143

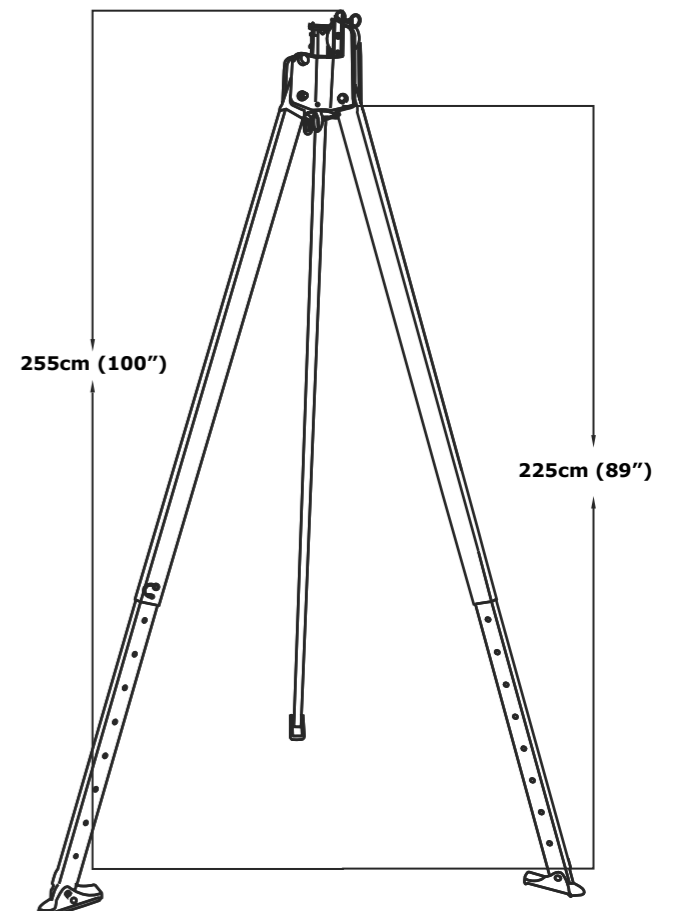


Basic Dimensions



Weight: 22kg (49lb)
WLL: 350kg (771lb)
Max Height: 255cm (9ft)

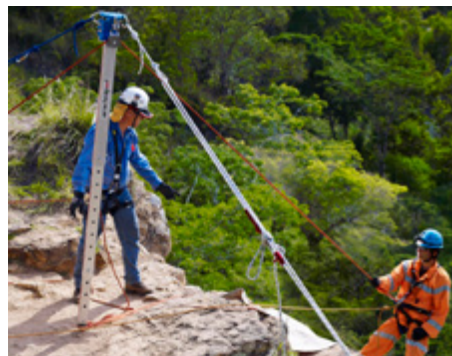
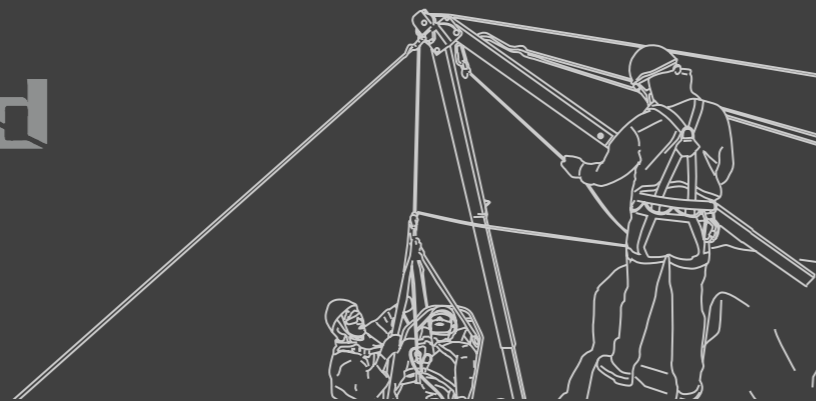
TP143 (accessories sold seperately)





arachnipod

The World's most versatile Modular Total Edge Management System



Gin Pole



A-Frame



Side A-Frame



Handrail Recovery



Tripod/Quadpod



Bridge

The Arachnipod Total Edge Management System is an innovative design that captures multi-functional capabilities. Simplicity and robust engineering provide the world's most versatile modular, total edge management system. Components can be added or removed to achieve any of the 8 possible configurations.

The Arachnipod, in its basic form, is a Tripod. It consists of three basic telescoping legs, each pivotally connected to an Anodised Head. The Head is produced from Aluminium extrusion with cutouts down each side. These cutouts allow two or more heads to connect together with a Quick-link Pin (similar to a hinge), which allows quick and simple addition or removal of legs, or bridge beam, to create different configurations.

Each head has a D shaped shackle for guying to stabilise the structure. The pulley leg has an inbuilt Pulley, which is mounted on two Stainless Steel Roller Bearings. The Pulley is Stainless Steel and has two grooves - one to take up to 13mm (1/2") rope and another to take up to 8mm (5/16") wire cable. Stainless detent pins prevent the rope or wire from coming out of the grooves.

Distributed by ISC

Please contact us for further information




Slix 100™ Stretcher

The Slix™ Stretcher provides a robust, compact and lightweight rescue solution. The flexible, smoothly finished material allows easy slide manoeuvring of the stretcher.

SL 100 Slix™ Stretcher

The Slix™ Stretcher provides a robust, compact & lightweight rescue solution across rough terrain or in an industrial environment. Flexible, smoothly finished material allows easy slide manoeuvring of the Stretcher. The Slix™ can be rolled up widthways or lengthways, for ease of transport and storage.

The webbing straps do not pass underneath the stretcher body, keeping them safe from abrasive damage as the Stretcher is dragged over surfaces. The Slix™ Stretcher is fitted with several durable web handles.

The lifting strap anchors are positioned for optimal balance and ease of use as the stretcher is hauled in a horizontal or vertical orientation. Under tension, the lifting straps cause the stretcher to mould around the casualty, for additional support & security.

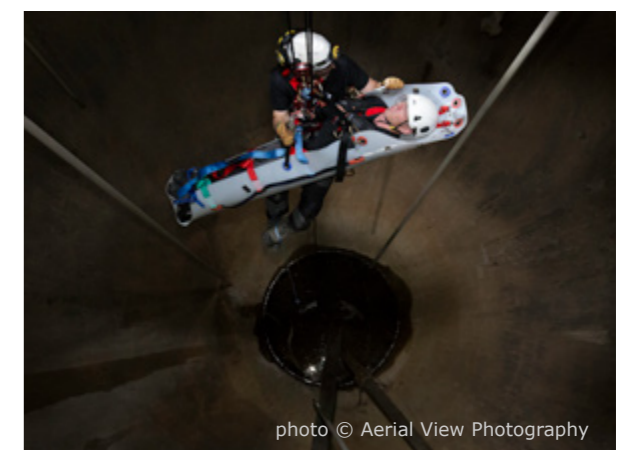


photo © Aerial View Photography

Total Kit Weight (packed) 12kg (27lb)

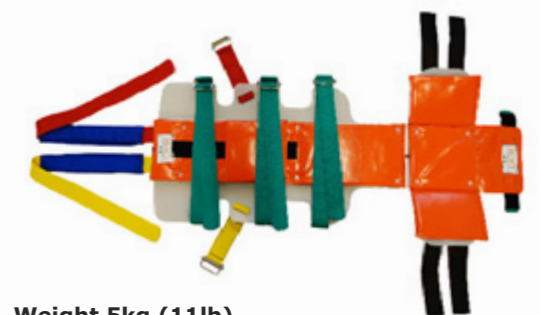
Technical Information

	Width	Length	Max User Weight
SL100 Stretcher	92cm (36")	230cm (91")	400kg (881lb)



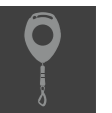
SL50 Slix Spinal Splint Board

The Spinal Splint is designed to be used with the Slix Stretcher, for additional support and protection of the casualty. The Spinal Splint lumbar pad is adjustable, which combined with the new design crutch straps, allows one size fits all, with greater casualty comfort and security. The head pocket & back board are well padded and the sides and top of the head pocket are also stiffened for extra protection. Rotating/swivel Velcro™ head closures ensure security and versatility. The Spinal Splint is fitted with colour coded crutch straps and three cross-body straps - all of which are rated at 400kg (881lb).



Weight 5kg (11lb)

CE 93/42/EEC CLASS 1



MERLIN™



Fall Arrest Blocks (SRLs)

ISC Fall Arrest Blocks are fitted with Fall Indicating, Swivel Eye connectors as standard. All ISC Blocks have solid Aluminium housings, proven to last in all sorts of environments, from rental to off-shore. The internal mechanisms are simple, making them easily servicable.

UB100 (10m/32ft)

Weight: 4.2kg (8.8lb)
WLL: 140kg (310lb)



Merlin Fall Arrest Blocks

NEW!

The NEW Merlin Wire Fall Arrest Blocks are lightweight Blocks with durable, Cast Aluminium housings. The new design features an offset attachment hole, designed to position the block in order to keep the working line free from excessive bend, as it exits the block. As standard, Merlin blocks are fitted with a CE and ANSI rated steel swivel-eye double-action snaphook with built-in fall indicator but other connectors including stainless steel models are available on request.

UB100/250/251 are available with Stainless Steel cable.

UB250 (25m/82ft)



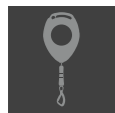
Weight: 12kg (423oz)
WLL: 140kg (310lb)

UB251 (25m/82ft)



Weight: 12.5kg (441oz)
WLL: 140kg (310lb)






Fall Arrest Blocks (SRLs)

ISC Fall Arrest Blocks are fitted with Fall Indicating, Swivel Eye Karabiners as standard. All ISC Blocks have solid aluminium housings, proven to last in all sorts of environments, from rental to off-shore. The internal mechanisms are simple, making them easily servicable.

UB033 3.3m (11ft)



UB066 6.6m (22ft)



Choice of Hook Available

Choice of Hook Available

Weight: 1kg (2lb)
WLL: 136kg (300lb)

Weight: 2kg (5lb)
WLL: 136kg (300lb)

See pages 58-63 for Karabiners & Snaphooks

UB050 5m (16ft)



Weight: 3kg (7lb)
WLL: 136kg (300lb)

UB051 5m (16ft)



Weight: 3kg (7lb)
WLL: 136kg (300lb)

UB170 15m (50ft)



Weight: 9.5kg (21lb)
WLL: 136kg (300lb)
Fall Indicator: As standard

UB171 15m (50ft)



Fitted with emergency retrieval winch

Weight: 11.4kg (25lb)
WLL: 136kg (300lb)
Fall Indicator: As standard

Options +



Fall Indicators

All Fall Arrest Blocks should be serviced following a fall. ISC Fall Arrest Blocks* are fitted with Karabiners, which indicates when a fall has taken place.

*Choice of hook available on Merlin Fall Arrest Blocks.



Standards

ISC Fall Arrest Blocks conform to CE and ANSI standards.



Photo courtesy of Safe Site Netherlands



Service & Repair

Become an Approved ISC Block Service & Repair Agent...

We offer Fall Arrest Service Training courses, which take place at the ISC Factory in North Wales, or can be arranged at your own premises*. For further information the range of courses, please contact the ISC Customer Service Team.

*Fees Apply

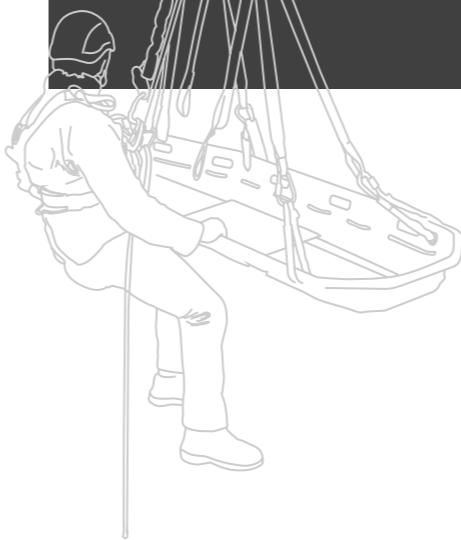
Technical Information

Name	Height	Width
UB033 Merlin Webbing 3.3m (11ft)	150mm (5 7/8")	110mm (4 3/8")
UB066 Merlin Webbing 6.6m (20ft)	190mm (7 1/2")	160mm (6 1/4")
UB100 Merlin Wire 10m (32ft)	290mm (11 7/8")	190mm (7 1/2")
UB250 Merlin Wire 25m (82ft)	390mm (15")	265mm (10")
UB251 Merlin Wire 25m (82ft) Retrieval	390mm (15")	265mm (10")
UB050 Webbing 5m (16ft)	210mm (8 1/4")	150mm (5 7/8")
UB051 Wire 5m (16ft)	210mm (8 1/4")	150mm (5 7/8")
UB170 Wire 15m (50ft)	340mm (13 3/8")	200mm (7 7/8")
UB171 Wire 15m (50ft) Retrieval	340mm (13 3/8")	200mm (7 7/8")



Progress Capture Pulleys

The latest range of ISC Progress Capture Pulleys (PCP) now feature a new lightweight centre plate, re-positioned wheel to reduce rope friction and a rated Becket, through which even an ANSI Karabiner can be fully rotated. All PCPs are fitted with tamper-proof rivets and are individually serial numbered. The cam-faces are coned, (rather than spiked), to minimise rope wear.



RP700/RP701



RP702/RP704



RP703/RP705



Features & Applications

Progress Capture Pulleys incorporate a cam which automatically captures the load whilst lifting/pulling a load or tensioning a line. To lower/release the line the cam must be manually unclamped by using the flexible Dyneema release cord and held/pinned clear of the rope during the lower/release of the line.

One-way Locking Bearings

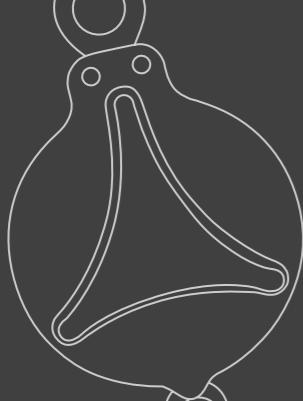
To assist in controlling lowering/releasing of loads, the one way bearings do not turn thereby increasing friction and acting as a static bollard giving the operator much more control. Progress Capture Pulleys can be used in all sorts of applications, such as hauling, tensioning and work positioning of heavy loads including bariatric work.

Technical Information

		Weight	MBS
Double Rescue Pulleys			
RP701	Standard	660g (23oz)	40kN (8992lbf)
RP700	One-way Bearings	649g (23oz)	30kN (6744lbf)
Progress Capture Pulleys - Single			
RP702	Standard	663g (23oz)	40kN (8992lbf)
RP704	One-way Bearings	672g (24oz)	30kN (6744lbf)
Progress Capture Pulleys - Double			
RP703	Standard	905g (32oz)	40kN (8992lbf)
RP705	One-way Bearings	900g (32oz)	30kN (6744lbf)



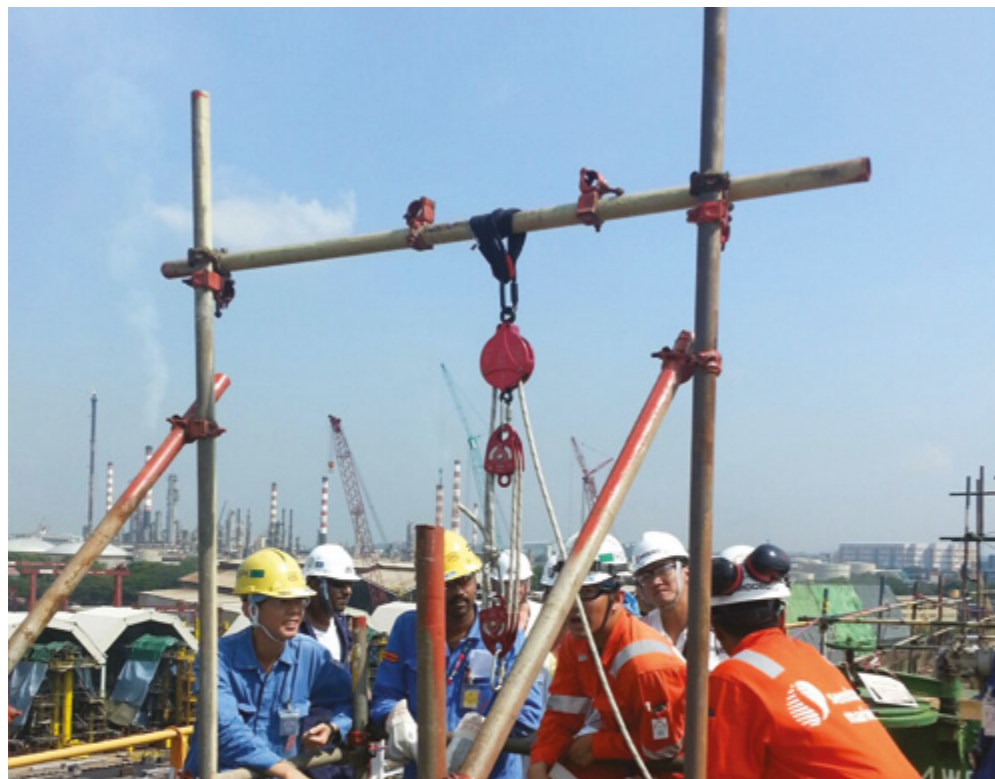
4:1 Mechanical Advantage System

R-ALFtm Rescue Auto Locking Pulley

The R-ALFtm has an over-speed brake built in so that it will automatically lock and hold when a fall occurs. The load rated becket eye can be used in combination, with a range of ISC medium prussik pulleys to set up a 3:1 pick off kit or a 5:1 hauling kit - and whichever combination is used if the user loses control of the descent the over-speed brake will automatically kick-in.

RP431



Features & Applications

The R-ALFtm system can be set up with almost any EN1891A 11mm (7/16th) rope - the only practical limitation to 'height of lift' being rope stretch and/or kit weight.

The R-ALFtm can be used as part of a work suspension system either on tall structures or confined spaces - a user can easily lift/lower themselves and lock themselves off by using a Hand Ascender or short stop.

The unique design of the R-ALFtm means that an internal brake is not required and therefore the R-ALFtm is capable of several thousand cycles and many arrests*.

The Standard R-ALFtm (RP431) locks in both directions. The LH-ALFtm Device (RP433) locks in one direction only and therefore the device will only lock to arrest a fall, leaving the user free to haul at higher speeds, without accidentally engaging the locking mechanism.

*Maximum 12 monthly service intervals apply.

Kits



	2:1 Kit	3:1 Kit	5:1 Kit
R-ALF Hauler (2-way locking)	0	✓	✓
LH-ALF Hauler (1-way locking)	✓	0	0
Atlas Scaffold Anchor Connector	1	1	1
Medium Single Prussik (No becket)	1	0	0
Medium Single Prussik (Becket)	0	2	0
Medium Double Prussik (Becket)	0	0	2
Professional Hand Ascender	0	1	1
Aluminium Oval Karabiner (Supersafe)	2	2	2

The above kits are supplied with a ropebag, instructions and sufficient rope to allow for 10m (32ft) height of lift (HOL)- other HOL available on request

RP433



2:1

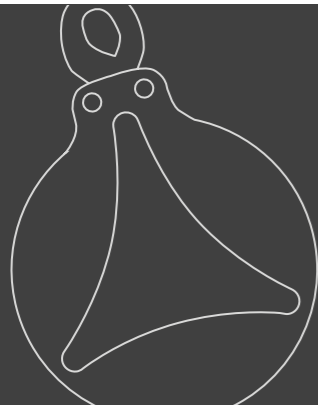
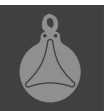


Photo courtesy of Gwynn Y Môr

Material Handling Only

Technical Information

		Weight	WLL
RP431	R-ALF tm	1243g (44oz)	250kg (551lb)
RP433	LH-ALF tm	1236g (43.5oz)	250kg (551lb)



ALF™ Climb Assist Pulley

The ALF™ is designed for climbing vertical structures such as ladders and is ideal for use in Ropes Courses. Fall distance is limited to a few centimetres. Rescue is made easy with the ALF™ - fall distances are extremely small so it is unlikely that a person will be incapacitated, but if this happens a rescue can easily be effected from ground level, unlike the majority of fall arrest devices where a rescuer must climb up, (therefore putting himself at risk) to make the rescue.

How it Works

The ALF™ Climb Assist Pulley uses a uniquely designed locking system, which combines a speed sensitive inertia locking brake system, with a grooved pulley wheel. At low speed (during normal use), the rope runs freely through the pulley. In the event of a fall, the rope speed increases causing the brake to lock to promptly arrest the fall. Fall distances are extremely short, so in most cases the fallen user can regain their grip on the structure and resume the climb, without the need for assistance/instruction.

The ALF™ Pulley is a two-way locking device which can be rigged in a continuous loop system with Alpine Butterfly attachment loops at opposing ends of the system. This means that at the end of each climb/descent, there is always an attachment loop present, allowing the next user to immediately commence their climb/descent.

RP431



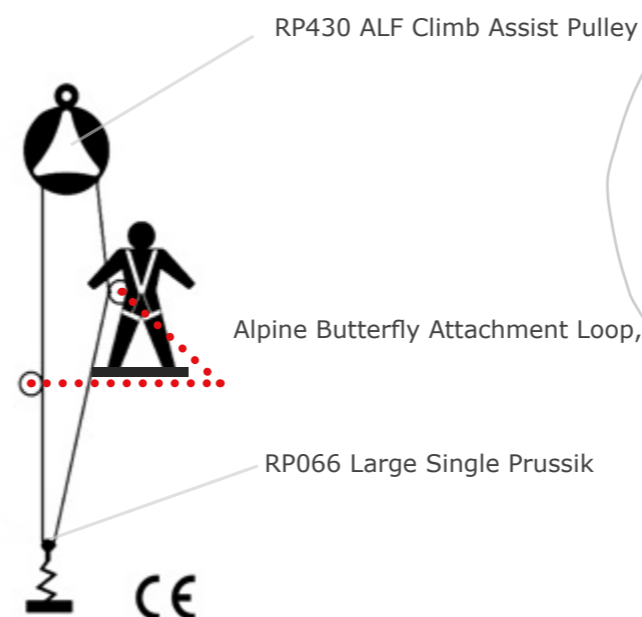
WLL 140kg



Applications

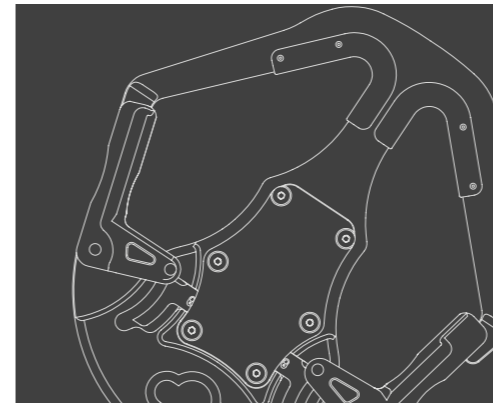
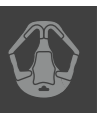
The ALF™ Climb Assist Pulley was developed for users in the Challenge Course Industry, who needed a simple mechanical method of protecting multiple climbers en route around a ropes course. The ALF™ provides a simple, cost effective solution, which utilises industry standard (EN1891) low stretch 11mm (7/16") rope. The continuous loop system can be quickly and easily rigged, by a competent person.

The ALF™ Climb Assist Pulley can also be used as a solution for workers on towers & masts, wind turbines and in construction applications.



Technical Information

		Weight	WLL
RP430	ALF™ Climb Assist Pulley	1330g (3lb)	140kg (310lb)



SmartSnap™ Continuous Attachment Device

SmartSnap™ is a self-belay system which allows the user to traverse all the individual elements of a course without ever being able to detach from the line. SmartSnap™ is really simple to use and therefore doesn't require in depth user training; it is lightweight and is therefore perfectly suitable for children to use. The SmartSnap™ has been designed so that it can easily be retro-fitted to an existing course.

How it Works

The SmartSnap™ has two locking gates which are controlled by a mechanism which only allows one gate to open at any one time. Each course user wears a SmartSnap™ Device, attached to their harness by a short lanyard. At the beginning of the course, the Supervisor attaches the Blue gate of the SmartSnap™ to the wire (Figure 1) and locks the gate, using the wire-mounted key (Figure 2). The user then travels to the next change-over point, where they clip the Red gate on to the Ring Key lanyard (Figure 3). The user then inserts the spike of the Ring Key in to a hole (Figure 4). This action simultaneously locks the Red gate AND unlocks the Blue gate, releasing the user from the previous element, leaving them safely attached to the next element.

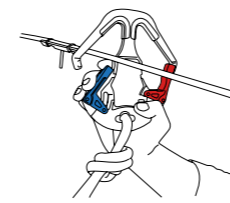


Fig 1

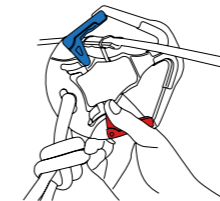


Fig 2

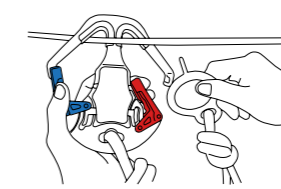


Fig 3

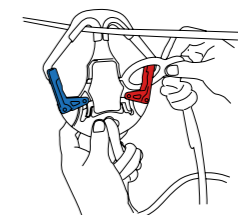


Fig 4

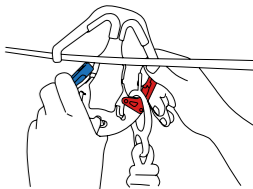


Fig 5

SmartSnap™ Continuous Attachment Device

KY004 Ring Key

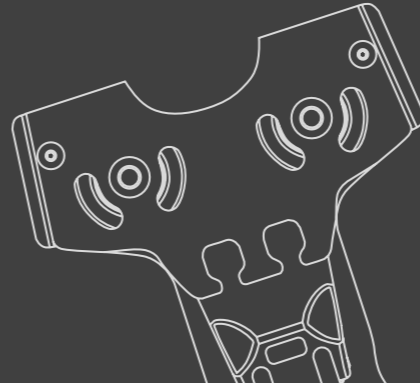


KY005 Wire Key




Technical Information

		Weight	MBS
RP420	SmartSnap™	316g (11oz)	25kN (5620lbf)
KY004A	Ring Key (Stainless Steel)	130g (5oz)	25kN (5620lbf)
KY005A	Wire Key (Stainless Steel) [For 13mm (1/2") wire]	36g (1oz)	N/A (N/A)
KY005B	Wire Key (Stainless Steel) [For 10mm (3/8") wire]	36g (1oz)	N/A (N/A)

Zippey™ Clip 'n' Zip

Why Zippey™ Clip 'n' Zip? This new compact trolley has been introduced to compete with lightweight one-handed fitting trolleys. Often the trolleys for this end of the market are 'low-cost' or 'budget' options, which suffer the common problems of premature wear (due to poor materials), short bearing life (due to poor quality bearings) and offer very few features.



RP074



Features & Applications

Having consulted zipline operators from around the world throughout the development of the Zippey™, we have succeeded in incorporating all the positive features needed to overcome the challenges faced by the industry.

Zippey™ is manufactured from high-spec 4mm aluminium plate, has a forged Aluminium gate which incorporates a stainless steel closure spring and stainless steel wheels with a unique option of greasable bearings for increased longevity in harsh environments and Stainless Steel wheels; all of which offer the best weight to performance ratio on the market.

Features & Applications

Easy one-handed operation

The Zippey™ is bi-directional, (so there's no wrong way to fit it) and offers a one handed double locking mechanism for increased safety. The simple, secure spring-loaded double locking gate can be operated with finger or thumb.

Choice of end stops

Zippey™ has replaceable end-stops (bumpers), which are made from highly durable Impact Modified Nylon. Zippey can be supplied with the standard flat end stops, or with hooked end stops (optional extra). Hook end stops allow a secondary lanyard to be mounted.

Unique Greasable Bearings

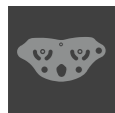
Available with greasable bearings, which allows the operator to inject grease into them, as and when required. Standard Zippey™ bearings are sealed to help prevent debris from getting into them. Greasable bearings are ideal for use in extreme/harsh conditions.



Flat End Stops

Technical Information

	Weight	MBS	Max Cable
RP074	450g (1lb)	25kN (5620lbf)	13mm (1/2")



ZipSpeed Trolleys & Accessories

The NEW ISC ZipSpeed Tandems represent industry leading Zipline Trolley innovation at its most affordable! The design of these mid-size trolleys uses state of the art engineering techniques and high-performance components to ensure that they run and run as well as offering several unique features. All these trolleys have been extensively trialled and are in use at several major parks around the world. These are possibly the fastest, strongest & most durable Zipline Trolleys available.

RP075



RP076



Features & Applications

ZipSpeed Trolleys are fitted with special Rubber-sealed, Deep Groove Ball Bearings as Standard. These Bearings have been chosen for optimal high speed, low friction performance. The rubber seals retain the grease lubricant, whilst defending the Bearings from moisture and contaminants; giving the Zipspeed a lifespan of thousands of miles/kilometres.

The ZipSpeed Trolleys are fitted with a rubber brake buffer to absorb impact load at the end of the run. The Trolleys have several attachment hole options, including an extra large central attachment hole which will accommodate a wide range of Karabiners and Snaphooks. The rear attachment hole can be used to attach a secondary lanyard or specialist harness and the centre hole can be used to attach a hanger bar.



(We recommend the use of Aluminium (KH204) or Steel (KH212) HMS Karabiners with these Trolleys). See pages 59-60 for more details.



Specialist Deep Groove Ball Bearings, chosen for optimal high speed, low friction performance.

Technical Information

	Wire Size	Weight	MBS
50mm (2") Diameter Wheels			
RP075A	13mm (1/2") Wire	875g (31oz)	40kN (8992lbf)
RP075B	16mm (5/8") Wire	875g (31oz)	40kN (8992lbf)
RP075C	20mm (3/4") Wire	875g (31oz)	40kN (8992lbf)
75mm (3") Diameter Wheels			
RP076A	13mm (1/2") Wire	1796g (63oz)	40kN (8992lbf)
RP076B	16mm (5/8") Wire	1796g (63oz)	40kN (8992lbf)
RP076C	20mm (3/4") Wire	1796g (63oz)	40kN (8992lbf)

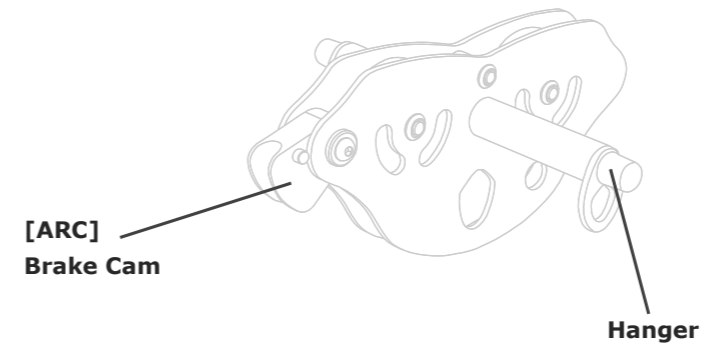
Zipspeed Trolleys are available with 50mm (2") or 75mm (3") Diameter Wheels, to suit lines of varying tension, gradients & speeds.

We also offer versions to suit 13mm (1/2"), 16mm (5/8") or 20mm (3/4") wires and each Trolley is fitted with a colour coded collar for quick, easy identification.

Zip/Adventure Park Accessories

We offer a comprehensive range of products for the Adventure Park sector. We offer a huge selection of devices and accessories for super-fast high-throughput courses, to smaller clip-on-clip-off courses.

[ARC] Anti Roll Back Cam



The Anti-Rollback Cam [ARC] is a simple device which can be retro-fitted to the ZipSpeed Trolley. During normal use, the cam remains disengaged, allowing the trolley to roll forwards, unhindered. However, as soon as the trolley begins to roll backwards, the cam is activated, bringing the trolley to an immediate halt. This anti-rollback function captures the progress of the trolley, which means that even when the trolley doesn't reach the end of the zipline, it cannot roll backward and hence the time to carry out a rescue is significantly reduced.

5AB-LTYI

Standard Length:
Minimum 600mm (24") - Maximum 900mm (35")



5AB - ZLS Superman Harness



5AB-ZLH Parachute Sit Harness

Various sizes available





Photo © Aerial View Photography



RP029



The first and only Stainless Steel Shear Reduction Block to be CE Approved to the PPE Directive.

Fixed Wheel Shear Reduction Block

The ISC Shear Reduction Block (RP029) and Fixed Wheel Stainless Prussiks (RP063F) are the first and only stainless Steel Shear Reduction Blocks to be CE Approved for use as Personal Protective Equipment (PPE). This CE Approval means that the buyer/user is guaranteed that the block meets/exceeds the requirements laid down in the PPE Directive.

Features & Applications

The RP029 Shear Reduction Pulley has Stainless Steel wheel and cheeks and is fitted with a top bollard attachment point. The top bollard has been designed to be compatible with a standard 10mm (approx 3/8") long opening Maillon Rapide.

The Wheel of the Pulley does not rotate, thus giving maximum friction. The increased friction makes this pulley ideal for increased control when used in lowering applications such as top roping in Climbing Walls/Gyms and Ropes Courses.

Each Pulley is serial marked for ease of traceability.

Eiger Lightweight Pulleys

ISC lightweight Eiger Pulleys are made from high strength Aluminium and fitted with tamper-proof rivets. ISC Eiger Pulleys are fitted with MOS2 Impregnated Bushings, which are ideal in lightweight applications.

RP012



RP030



RP031



RP032



RP033



RP034



RP037

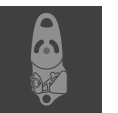


RP037C



Technical Information

Type		Wheel Material	Max Rope Ø	MBS	Weight
Shear Reduction Pulley					
RP029	Fixed Wheel Shear Reduction	Stainless Steel	13mm (1/2")	44kN (9891lbf)	820g (29oz)
RP063F	Fixed Wheel Shear Reduction Prusik	Stainless Steel	13mm (1/2")	50kN (11240lbf)	584g (21oz)
Eiger Pulleys					
RP012	Small Single	Aluminium	13mm (1/2")	36kN (8093lbf)	87g (3oz)
RP030	Small Double	Aluminium	13mm (1/2")	35kN (7868lbf)	150g (6oz)
RP031	Double Re-direct	Aluminium	13mm (1/2")	30kN (6744lbf)	126g (5oz)
RP032	Medium Single	Aluminium	13mm (1/2")	36kN (8093lbf)	158g (6oz)
RP033	Medium Double	Aluminium	13mm (1/2")	36kN (8093lbf)	284g (10oz)
RP034	Medium Single (Double Ended)	Aluminium	13mm (1/2")	36kN (8093lbf)	181g (6oz)
RP037	Micro Pulley (12kN Rated Bridge)	Aluminium	13mm (1/2")	28kN (6295lbf)	90g (3oz)
RP037C	Micro Pulley (Stainless Steel)	Stainless Steel	13mm (1/2")	40kN (8992lbf)	174g (6oz)



Heavy Duty Prussiks

All pulleys in our latest Prussik range have tamper-proof Rivets, in compliance with CE EN12278 (2007) & NFPA (1983). These pulleys are available with MOS2 Impregnated Bushings, or Roller Bearings. ISC Prussiks have load rated beckets, which are large enough to allow a Karabiner to rotate fully.

Single Prussik



Single with Becket



Double Prussik



Bushings



Ideal for high loads at low speeds

Roller Bearings



Ideal for low loads at high speeds

Prussik Pulleys - Aluminium

Technical Information

	Type	Wheel Material	Max Rope Ø	MBS	Weight
RP060	Small Single	Aluminium	13mm (1/2")	40kN (8992lbf)	200g (7oz)
RP061	Small Double	Aluminium	13mm (1/2")	40kN (8992lbf)	340g (12oz)
RP063	Medium Single	Aluminium	13mm (1/2")	50kN (11240lbf)	280g (10oz)
RP064	Medium Double	Aluminium	13mm (1/2")	50kN (11240lbf)	500g (18oz)
RP065	Medium Single with Becket	Aluminium	13mm (1/2")	50kN (11240lbf)	215g (8oz)
RP066	Large Single	Aluminium	16mm (5/8")	70kN (15736lbf)	463g (17oz)
RP067	Large Double	Aluminium	16mm (5/8")	70kN (15736lbf)	760g (27oz)
RP069	Extra Large Single	Aluminium	19mm (3/4")	70kN (15736lbf)	440g (16oz)

Prussik Pulleys - Stainless Steel

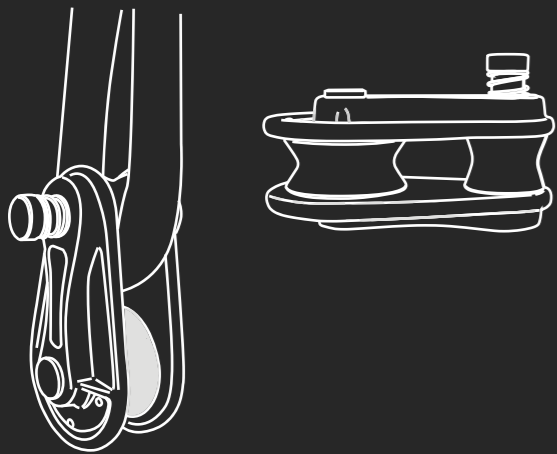
Technical Information

	Type	Wheel Material	Max Rope Ø	MBS	Weight
RP060	Small Single	Stainless Steel	13mm (1/2")	40kN (8992lbf)	372g (14oz)
RP061	Small Double	Stainless Steel	13mm (1/2")	40kN (8992lbf)	674g (24oz)
RP063	Medium Single	Stainless Steel	13mm (1/2")	50kN (11240lbf)	584g (21oz)
RP064	Medium Double	Stainless Steel	13mm (1/2")	50kN (11240lbf)	1036g (37oz)
RP065	Medium Single with Becket	Stainless Steel	13mm (1/2")	50kN (11240lbf)	413g (15oz)
RP066	Large Single	Stainless Steel	16mm (5/8")	50kN (11240lbf)	896g (32oz)
RP067	Large Double	Stainless Steel	16mm (5/8")	50kN (11240lbf)	1626g (58oz)



TRIED, TESTED...

TRUSTED



ISC Rigging Blocks have colour-coded Side Cheeks and Pulley Wheels, helping the user to easily identify the correct block for the task. We have introduced a new fixed bollard dimension, which allows the user to fall in-line with rigging standard practice, whereby the Anchor/Topping Strop should be twice the strength of the Working Line.

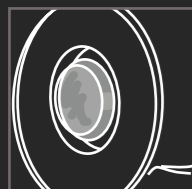
Features



Rounded Plates
Smooth edges minimise rope wear



Markings Plate
Quick, easy Pulley Identification



Chamfered Pin Head
For quick, easy location of the Spring-lock Pin



Wider Profile
Accommodates larger topping strops

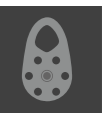


RP048

New!



RP050



RP051



RP054



RP055



Colour Coding

	Side Cheeks	Pulley Wheel
RP048		
RP050		
RP051		
RP054		
RP055		
RP056		
RP057		

RP056 Flame



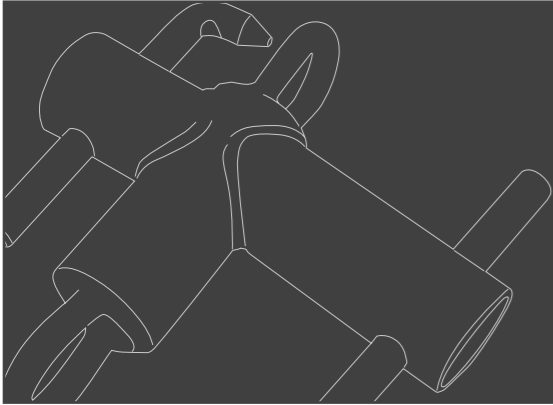
RP057



Technical Information

	Working Line			Topping Strop*		Unit weight
	WLL	Size	MBS	Size	MBS	
RP048	1700kg (3800lb)	13mm (1/2")	8500kgf (19000lbf)	16mm (5/8")	7400kgf (16650lbf)	0.5kg (1lb)
RP050	2000kg (4400lb)	13mm (1/2")	4500kgf (9900lbf)	19mm (3/4")	10630kgf (24000lbf)	1.8kg (5.5lb)
RP051	2000kg (4400lb)	16mm (5/8")	7720kgf (17000lbf)	25mm (1")	17180kgf (37800lbf)	1.8kg (4lb)
RP054	3000kg (6600lb)	16mm (5/8")	7720kgf (17000lbf)	25mm (1")	17180kgf (37800lbf)	2.5kg (5lb)
RP055	3000kg (6600lb)	19mm (3/4")	10630kgf (24000lbf)	29mm (1 1/8")	21270kgf (46800lbf)	2.5kg (5lb)
RP056	2000kg (4400lb)	16mm (5/8")	7720kgf (17000lbf)	25mm (1")	17180kgf (37800lbf)	1.6kg (3.5lb)
RP057	4000kg (8800lb)	19mm (3/4")	10630kgf (24000lbf)	29mm (1 1/8")	21270kgf (46800lbf)	3.8kg (8.5lb)

*Based on Yale Polydyne and Double Esterlon



Portawraps

ISC Portawraps are designed for lowering loads with a consistent friction for total control. ISC Portawraps have main and secondary attachment points, to offer extra stability of the device against the tree.

AE150

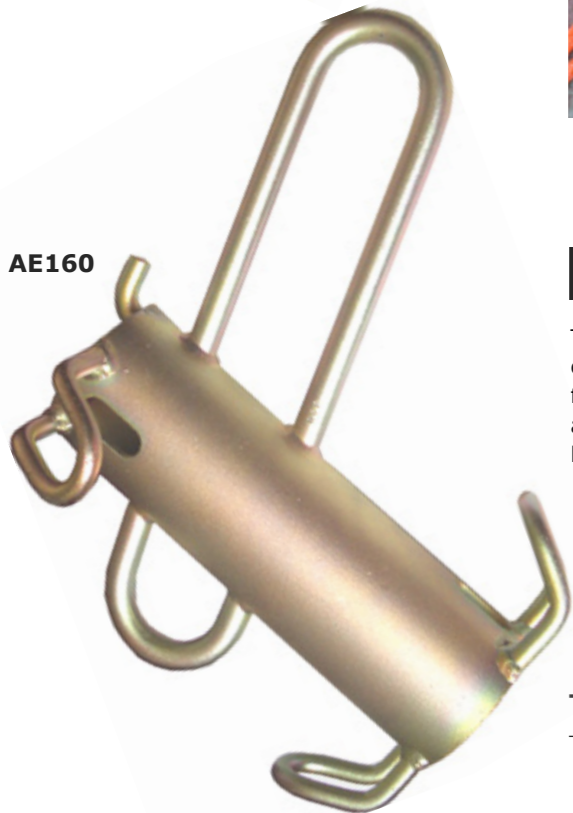


AE150 Small

The small Portawrap (AE150) has a 50mm (2") diameter, giving a bend ratio of approximately 3.5:1 and can be used with ropes of up to 13mm (1/2"), to lower loads of up to 750kg (1653lb).



AE160



AE160 Large

The large Portawrap (AE160) has a 75mm (3") diameter, giving a bend ratio of approximately 4.5:1 and can be used with rope of up to 16mm (5/8"), for lowering loads of up to 1000kg (2200lb). The AE160 also has captive attachment points, where Karabiners can be attached around the working line, to keep the working line in place.

Technical Information

	Weight	SWL	Max Rope
AE150 Small	2.3kg (5lb)	750kg (1654lb)	13mm (1/2")
AE160 Large	2.7kg (6lb)	1000kg (2200lb)	16mm (5/8")



Rope Wrench



The Singing Tree Rope Wrench (STRW) creates a 'bend' above the climber's hitch on the single line which, with the addition of the tether to connect the STRW, creates a 'contained doubled rope system' on a single line. This 'contained double rope system' travels with the climber allowing for a level of consistency of friction on the hitch which is impossible to duplicate in double rope climbing.

RP280



How it works

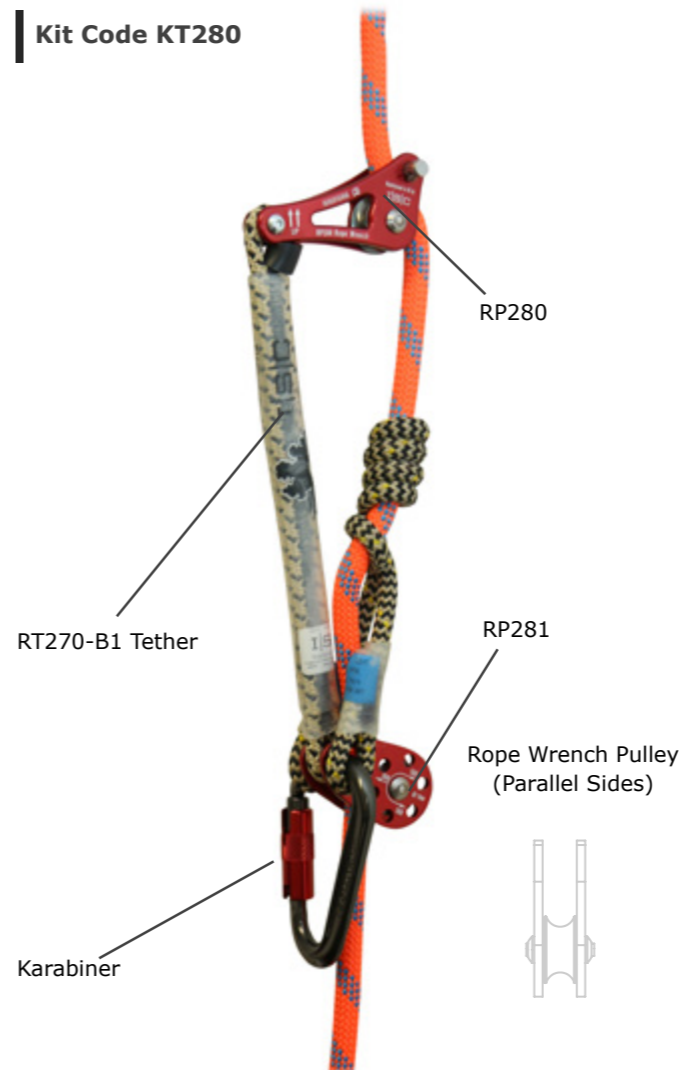
The Rope Wrench is a unique and innovative device, designed by Kevin Bingham of Singing Tree.

The STRW allows so many more options for safe movement in the tree whilst using a single Rope, enabling re-directs and a greater degree of friction control than that achieved using double rope.

The STRW allows far greater flexibility and opens up a wide range of new working possibilities. In double rope climbing, friction levels never remain constant due to rope running over limbs, redirects and Pulleys. The STRW allows for single rope climbing and therefore friction always remains consistent, which allows the user precise control in the tree, without creating excess slack in the system (as can occur in double rope technique). The STRW also allows the user to easily pass any limbs which obstruct their route - it is possible to pass obstructions when using DRT, but it can be a very tricky manoeuvre!

(System tested in accordance with EN12841)

Kit Code KT280



ZK-2 New Features

The smaller, lighter design works well with the stiff tether, which keeps the STRW away from the hitch. The ZK-2 Rope Wrench is detachable, by way of a Slic-pin. The introduction of a Pulley wheel keeps the rope round, so there's less rope flattening than with the ZK-1 version.

Note: The STRW is not for primary life support. The hitch provides the primary life support.

RP280 Weight 126g (5oz)



Aluminium Karabiners

ISC Performance Karabiners are Forged for best build quality and feature a unique 'Blind' nose, which improves performance by reducing snagging. The Barrels have been designed with a square cut notch to limit debris build up. ISC Aluminium Karabiners are of sleek ergonomic design, with a high strength to weight ratio.

Options +



Captive Pin Available

Captive pins can be fitted to keep lanyard/webbing in place, to prevent unwanted rotation, therefore reducing the risk of side loading.



Blind Nose (Unique to ISC)

ISC Performance Karabiners are forged with a blind nose, to prevent snagging.



Keylock Nose

We have now introduced the process of cold forging, which allows us to offer keylock (anti-snag) noses on several Karabiners in our range.



Fall Indicator Available

Swivel-eye Karabiners can be supplied with fall indicators. In the event of a fall, the red ring is exposed, alerting the user that a fall has taken place.

Serial Numbering YY/BBBBB/XXXX



YY: Year of Manufacture
BBBBB: Batch Number
XXXX: Individual Serial Number

ISC Aluminium Connectors are laser marked with Serial numbers as standard, for ease of traceability.

Colour Coded

ISC Aluminium Karabiners have colour-coded Barrels/Ferrules for quick, easy identification.



Screwgate

Unscrew, open



Twistlock

(double-action)

Turn, open



Supersafe

(Triple-action)

Lift, turn, open



Quadlock

(Quad-action)

Turn, lift, turn, open

Bentgate Karabiners

NOT FOR PPE

Bentgate Karabiners are not for use as PPE purposes and are marked accordingly. The KH453 Gator Bentgate is ideal for use as a Toolhook and the KH204 HMS Bentgate is ideal for use in Wheelchair Restraints.

KH453BG Gator Karabiner



KH204BG HMS Karabiner



Technical Information

	Name	Height	Width
KH214	Mini HMS	102mm (4")	74mm (3")
KH204	HMS	124mm (4 7/8")	78mm (3 1/3")
KH411	Luke	112mm (4 3/8")	70mm (2 3/4")
KH453	Gator	105mm (4 1/8")	65mm (2 1/2")
KH452	Gecko	115mm (4 1/2")	75mm (3")
KH451	Mongoose	133mm (5 1/4")	88mm (3 1/2")
KH301	Captive Eye	137mm (5 3/8")	75mm (3")
KH215	Link	113mm (4 1/2")	61mm (2 3/8")
KH255	Twister	175mm (6 7/8")	72mm (2 7/8")

KH214 Mini HMS



Weight 98g (3.5oz)
Gate Opening 19mm (3/4")
MBS 27kN (6070lbf)

KH204 HMS



Weight 103g (3.6oz)
Gate Opening 19mm (3/4")
MBS 27kN (6070lbf)

KH411 Luke Oval



Weight 80g (2.8oz)
Gate Opening 20mm (3/4")
MBS 25kN (5620lbf)

KH453 Gator



Weight 47g (1.7oz)
Gate Opening 15mm (5/8")
MBS 25kN (5620lbf)

KH452 Gecko



Weight 86g (3oz)
Gate Opening 21mm (7/8")
MBS 30kN (6744lbf)

KH451 Mongoose



Weight 118g (3.5oz)
Gate Opening 24mm (1")
MBS 30kN (6744lbf)

KH300 Captive Eye



Weight 99g (3.5oz)
Gate Opening 20mm (3/4")
MBS 30kN (6744lbf)

KH215 Link



Weight 90g (3.2oz)
Gate Opening 15mm (5/8")
MBS 25kN (5620lbf)

KH255 Twister



Weight 142g (5oz)
Gate Opening 15mm (5/8")
MBS 27kN (6070lbf)



Steel Karabiners



KH219 Iron wizard



Weight 264g (9.3oz)
Gate Opening 28mm (1 1/8")
MBS 70kN (15736lbf)

KH455 Big Dan



Weight 365g (12.9oz)
Gate Opening 27mm (1 1/8")
MBS 50kN (11240lbf)

KH212 HMS



Weight 276g (9.7oz)
Gate Opening 23mm (7/8")
MBS 50kN (11240lbf)

KH202 Klettersteig



Weight 250g (8.8oz)
Gate Opening 26mm (1")
MBS 50kN (11240lbf)

KH311 Oval



Weight 188g (6.7oz)
Gate Opening 17mm (5/8")
MBS 25kN (5620lbf)

KL321 Offset Oval



Weight 193g (6.8oz)
Gate Opening 17mm (5/8")
MBS 40kN (8992lbf)

KH308 D shape



Weight 175g (6.2oz)
Gate Opening 17mm (5/8")
MBS 35kN (7868lbf)

KL200 Offset D



Weight 255g (9oz)
Gate Opening 20mm (3/4")
MBS 50kN (11240lbf)

KH260 Twister



Weight 348g (12oz)
Gate Opening 18mm (3/4")
MBS 40kN (8992lbf)

KH301 Captive Eye



Weight 261g (9.2oz)
Gate Opening 18mm (3/4")
MBS 50kN (11240lbf)

KH305 Captive Eye (large)



Weight 395g (14oz)
Gate Opening 45mm (1 3/4")
MBS 40kN (8992lbf)

Side Opening

KH307 Firemans



Weight 400g (14.1oz)
Gate Opening 48mm (1 7/8")
MBS 40kN (8992lbf)

KH415 Iron Wizard large



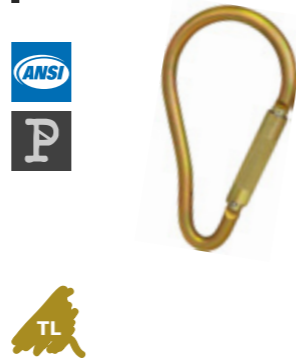
Weight 540g (19oz)
Gate Opening 33mm (1 1/4")
MBS 70kN (15736lbf)

KH400 Atlas



Weight 816g (28.8oz)
Gate Opening 57mm (2 1/4")
MBS 45kN (10116lbf)

KH407 Scaffold Hook



Weight 678g (23.9oz)
Gate Opening 53mm (2 1/8")
MBS 35kN (7868lbf)

Dot Matrixing Serial Numbering

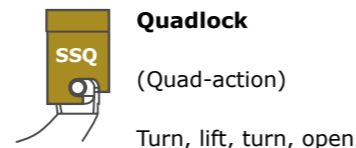
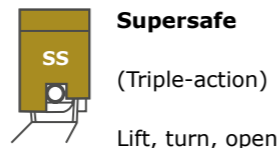
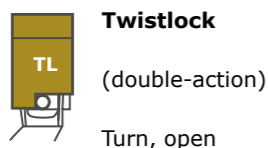
Dot Matrix serial number markings are included as standard on all our Steel and Stainless Steel Connectors. This marking method provides permanent, highly wear-resistant markings, for traceability throughout the lifespan of the product.

YY/BBBBB/XXXX

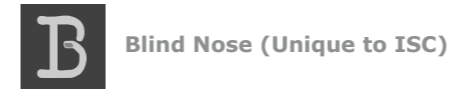
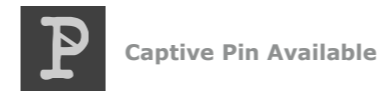
YY: Year of Manufacture
BBBBB: Batch Number
XXXX: Individual Serial Number



Gate Options



Options +



Technical Information

		Height	Width
KH219	Iron Wizard (S)	125mm (4 7/8")	72mm (2 7/8")
KH455	Big Dan	137mm (5 3/8")	86mm (3 3/8")
KH212	HMS	127mm (5")	80mm (3 1/8")
KL202	Klettersteig	125mm (4 7/8")	85mm (3 3/8")
KH311/KL311	Oval	106mm (4 1/8")	58mm (2 1/4")
KL321	Offset Oval	109mm (4 1/4")	62mm (2 1/4")
KL308	D Shape	105mm (4 1/8")	55mm (2 1/8")
KL200	Offset D	113mm (4 1/2")	63mm (2 1/2")
KH260	Twister	175mm (6 7/8")	75mm (3")
KH301	Captive Eye (S)	136mm (5 3/8")	76mm (3")
KH305	Captive Eye (L)	188mm (7 3/8")	107mm (4 1/4")
KH307	Firemans	173mm (6 7/8")	95mm (3 3/4")
KH415	Iron Wizard (L)	180mm (7")	102mm (4")
KH400	Atlas	200mm (7 7/8")	145mm (5 3/4")
KH407	Scaffold	240mm (9 1/2")	135mm (5 3/8")



Stainless Steel Karabiners



KH200



Weight 255g (9oz)
Gate Opening 20mm (3/4")
MBS 35kN (7868lbf)

KH308



Weight 174g (6.1oz)
Gate Opening 16mm (5/8")
MBS 22kN (4946lbf)

KH219 Wizard



Weight 286g (10oz)
Gate Opening 27mm (1 1/8")
MBS 50kN (11240lbf)

KH307 Firemans



Weight 400g (14.1oz)
Gate Opening 48mm (1 7/8")
MBS 40kN (8992lbf)

KH202



Weight 269g (9.5oz)
Gate Opening 22mm (7/8")
MBS 35kN (7868lbf)

KH250 Twister



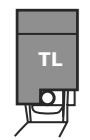
Weight 235g (8.3oz)
Gate Opening 18mm (3/4")
MBS 23kN (5171lbf)

Gate Options



Screwgate

Unscrew, open



Twistlock

(double-action)

Turn, open



Supersafe

(Triple-action)

Lift, turn, open



Quadlock

(Quad-action)

Turn, lift, turn, open

Options +



Captive Pin Available

Captive pins can be fitted to keep lanyard/webbing in place, to prevent unwanted rotation, therefore reducing the risk of side loading.



Blind Nose (Unique to ISC)

ISC Performance Karabiners are forged with a blind nose, to prevent snagging.



Keylock Nose

the process of cold forging, which allows us to offer keylock (anti-snag) noses on several Karabiners in our range.



Fall Indicator Available

In the event of a fall, the red ring is exposed, alerting the user that a fall has taken place.



ANSI Compliant Barrels

ANSI Compliant (3600lb) Barrels Available on request.

Stainless Steel
(Triple-lock version also available)

SH901P



3

Triple-action gate

Small Aluminium Snaphooks are available with the ISC Unique (patented) Triple-action gates for increased security.

SH901



SH903



SH904



SH824



SH826



SH905



NEW!

SH827i



SH979



Serial Numbering



ISC Aluminium Snaphooks are laser marked with serial numbers as standard, for ease of traceability.

Fall Indicator



Swivel-eye Karabiners can be supplied with fall indicating rings. In the event of a fall, the red ring is exposed, alerting the user that a fall has taken place.

Technical Information

	Type	Weight	MBS	Gate Opening
SH901 Double Action	Standard Snaphook (Aluminium)	125g (4.4oz)	27kN (6070lbf)	23mm (7/8")
SH903 Triple Action	Standard Snaphook (Aluminium)	128g (4.5oz)	27kN (6070lbf)	23mm (7/8")
SH904 Double Action	Swivel Snaphook (Aluminium)	191g (7.0oz)	27kN (6070lbf)	22mm (7/8")
SH905 Triple Action	Swivel Snaphook (Aluminium)	200g (7.2oz)	27kN (6070lbf)	22mm (7/8")
SH979 Double Action	Large Scaffold Snaphook (Aluminium)	514g (18oz)	25kN (6070lbf)	65mm (2 1/4")
SH999 Double Action	Large Scaffold Snaphook (Aluminium)	495g (17oz)	35kN (7868lbf)	60mm (2 3/8")
SH824 Double Action	Standard (Steel)	287g (10oz)	27kN (6070lbf)	21mm (7/8")
SH826 Double Action	Swivel Snaphook (Steel)	387g (13oz)	30kN (6744lbf)	20mm (3/4")
SH827i Double Action	Swivel Snaphook (Steel)	506g (18oz)	23kN (5170lbf)	23mm (7/8")



We offer a wide range of specialist tactical coatings across the majority of our Karabiners, Pulleys and specialist Ascent and Descent devices. Our range caters for Special Forces, Black Tactical, Military and NATO operations.



Matt Black



Sand



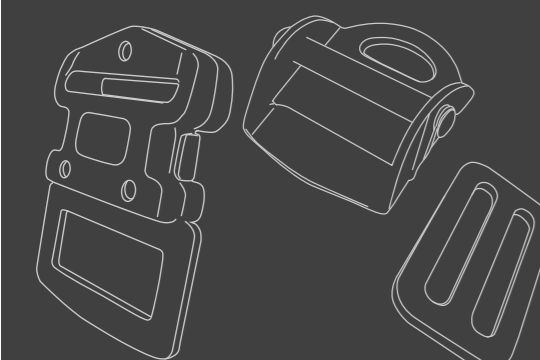
Olive Drab



climb.
work.
rescue.



Specialist finishes are available across a range of products including Karabiners, Pulleys & specialist devices. Please contact us to discuss your requirements.

Components

We offer a comprehensive range of metal components to meet a huge variety of needs. Our engineering expertise allows us to offer a diverse range of items from simple harness fittings for industrial harnesses, through to high-spec adjusters for motorsport and aviation harnesses, as well as custom designed aluminium forgings.

BU180**BU182****BU183****BU184****BU185****BU190**

Stainless Steel



Black versions also available

**Technical Information**

	Buckle Size	Tang Size	Weight
Supplied with Tang & 3 Bar Slide - 20kN (4496lbf)			
BU180	45mm (1 3/4")	45mm (1 3/4")	138g (4.9oz)
BU183	25mm (1")	25mm (1")	124g (4.4oz)
Supplied with Sliding Bar Tang - 16kN (3597lbf)			
BU182	45mm (1 3/4")	45mm (1 3/4")	122g (4.3oz)
BU184	25mm (1")	25mm (1")	108g (3.9oz)
Supplied with Tang & 3 Bar Slide - 12kN (2697lbf)			
BU190	45mm (1 3/4")	45mm (1 3/4")	248g (8.7oz)

BU102/BU106

3 Bar Slides (Stainless Steel)
BU102
 Size 45mm (1 3/4")
 Weight 30g (1oz)

BU106
 Size 50mm (1 3/4")
 Weight 40g (1.4oz)

BL121/BL122

Square Links (Stainless Steel)
BL121
 Size 45mm (1 3/4")
 Weight 30g (1oz)

BL122
 Size 45mm (1 3/4")
 Weight 30g (1oz)

BU102G

3 Bar Slide (Steel)
 Size 45mm (1 3/4")
 Weight 30g (1oz)

BU121E

3 Bar Slide - Steel
 Size 45mm (1 3/4")
 Weight 34g (1.2oz)

BU200

3 Bar Slides - Steel
 Size 50mm (2")
 Weight 46g (1.6oz)

BU101

Square Links - Stainless Steel
 Size 75mm (3")
 Weight 102g (3.4oz)

AP184

Sliding 3 Bar - Steel
 Size 45mm (1 3/4")
 Weight 48g (1.7oz)

SH101

Compact Hook
 Size 50mm (2")
 Weight 78g (2.8oz)

DD302

Pressed Delta
 Size 45mm (1 3/4")
 Weight 72g (2.5oz)

BD304

D-Ring - Steel (Flat)
 Size 50mm (2")
 Weight 76g (2.7oz)

BU160

Knurled Bar Buckle - Steel
 Size 45mm (1 3/4")
 Weight 53g (1.8oz)

BD600C

D-Ring Aluminium (Cranked)
 Size 45mm (1 3/4")
 Weight 78g (2.8oz)
 MBS 25kN (5620lbf)

BD600D

D-Ring Aluminium (Flat)
 Size 45mm (1 3/4")
 Weight 78g (2.8oz)
 MBS 25kN (5620lbf)

Steel Rings

MBS 70kN (15736lbf)

RIN0012

Small Ring
 Internal Diameter 27mm (1 1/8")
 Outside Diameter 51mm (2")

RIN0013**Aluminium Rings**

MBS 25kN (5620lbf)

RIN0010

Large Ring
 Internal Diameter 45mm (1 3/4")
 Outside Diameter 70mm (2 3/4")

RIN0011



Body Type

ISC QRB's are available with standard or Streamline (light & compact) bodies, which are machined from Aerospace Grade Aluminium.

Lids

We offer a choice of machined or forged lids. Forged lids are available with short or long handles to suit FIA or SFI requirements.

Buckle Opening

QRB's fitted with a Rotary mechanism release their tangs as soon as the user begins to rotate the lid. With the Lost Motion mechanism, the lid must be turned 25 ° in either direction, before the mechanism disengages and begins to release the tangs. Lost Motion helps to prevent accidental opening.

Positioning

QRB's can be supplied with a fixed tang in one of 3 positions, to allow for driver preference.

Specialist Models

We also manufacture a Stainless Steel QRB. This QRB is ideal for use in off-shore & Helicopter SAR use. (Please contact us for further information).



QR171



Full Lug Lid (FIA) QRB
Streamline, Lost Motion Mechanism (Parking)

QR173



Half Lug Lid (SFI) QRB
Streamline, Lost Motion Mechanism (Parking)

QR153



Machined Lid QRB
Standard, Rotary Mechanism (Parking)

QR174



QRB
Streamline, Lost Motion Mechanism (Non-Parking)

Tangs

ISC Tangs are stamped and have ergonomic, rounded edges. Standard Tangs are available in flat, or 20° cranked versions. Standard Tangs are available with a Silver or Black Finish.

AP153 Moustache Tang



AP154A Cranked



AP154C Cranked



AP150A Flat



AP150B Flat



Terms & Conditions

ISC Terms & Conditions of Sale

ISC reserves the right to change our Terms & Conditions without prior notice. The most up to date version can be viewed on our website: www.iscwales.com

Conditions of sale shall apply to all orders given to and accepted by International Safety Components Ltd. In these conditions "the seller" means International Safety Components Ltd, "the buyer" means the person, firm or company purchasing the goods, "the goods" means the goods or materials which shall be the subject of the contract between the seller and the buyer.

1. Incorporation of Conditions of Sale

All goods are sold or agreed to be sold by the seller subject to these conditions of sale which override any other terms or conditions stipulated or referred to by the buyer, whether in the order or in any document issued by the buyer or in any negotiations, and so that these conditions of sale are the only terms or conditions upon which the seller sells or supplies the goods.

2. Payment

- I) Where credit terms apply, payment is due within 30 days of the date of the seller's invoice to the buyer.
- II) If any payments due to the seller are not made on the due date the seller reserves the right to suspend any or all the deliveries of goods ordered by the buyer and/or by notice in writing to the buyer to cancel the contract without being liable for the consequential loss.
- III) The seller reserves the right to charge the buyer interest on any sum outstanding beyond the period of credit allowed at the rate of 2% per month or part of a month.
- IV) Accounts are strictly net and remittances by cheque should be accompanied by the remittance advice, indicating the invoices being settled.

3. Credits

No allowances will be made at settlement unless previously acknowledged by the seller's official credit note.

4. Delivery

- I) Stated delivery terms shall not be binding on the seller. The seller shall not in any event be liable for any cost or damage caused by any reason of any delay in delivery.
- Ii) A goods delivery will be assumed to have been made unless proof of delivery is requested within 14 days of invoice date. The buyer shall be deemed to have examined the goods at the time of delivery.

5. Force Majeure

The seller shall not be liable in any way for loss or damage arising directly or indirectly through or in consequence of delivery of the goods being prevented or delayed by happenings or occurrences due to or by reason of mobilisation, hostilities, acts of the Queen's enemies or war (whether declared or not), government action, departmental instructions or act of god, riots, combination of workmen, lockouts, strikes or disturbances wherever taking place, shortage of labour, raw materials, fuel or power in consequence of non-delivery or any other cause, want of transport, accidents, fire, flood, blocking of or accidents to aeroplanes, shipping or railway lines, failure of ships to sail at advertised times, reduction or stoppage of output at the works where the goods are being manufactured or premises to which they are to be delivered through fire, flood, heat, frost, storm, tempest or intemperate weather, breakdown, accidents to machinery, late provision to the seller of any materials information or instructions pertinent to the fulfilment of the order for the goods by the seller, or any other causes or any circumstances whatsoever beyond the seller's control or any acts of the third parties whether criminal or otherwise, and in these circumstances the seller expressly reserves the right to cancel or suspend the whole or any part of any delivery.

6. Quantities

The seller may deliver against an order an excess or deficiency of up to 10% of weight or volume ordered. The quantity actually delivered will be stated in the invoice.

7. Warranty and Liability

- I) The seller warrants that the goods are manufactured with all care and skill and where applicable comply with the standard specifications set out in the seller's published literature in relation to the goods current at the date hereof and made available to the buyer and that the goods are of merchantable quality.
- II) The application, use and processing of the goods is the absolute responsibility of the buyer. Any technical and other advice, information and data provided by the seller, whether verbally, in writing or by way of trials or tests, is given without warranty as to the suitability of the goods for their intended purposes and applications.
- III) The buyer shall be deemed to have examined the goods at the time of delivery and unless notice of any defect is given by

the buyer and received by the seller within 14 days after delivery the seller shall be relieved and discharged from any liability in respect thereof.

IV) The foregoing paragraphs inclusive shall apply save that if any act of parliament or other statutory provisions for the time being in force shall avoid or make enforceable any of the provisions thereof such paragraphs shall be deemed to apply with the exclusions of those provisions thereof which shall be void or enforceable as aforesaid.

8. Patents & Trade Marks

- I) No warranty or representation is given by the seller that the goods do not infringe any letters patent, Trade Marks, registered designs or other industrial rights.
- II) The use of the seller's Trade Marks requires the prior written approval of the seller.

9. Assignments

The contract of which these conditions form part is personal to the buyer who shall not assign the benefit thereof without the seller's written consent.

10. Proper Law

The construction, validity and performance of this contract shall be governed by the law of England.

11. Property and Risk

- I) Delivery of the goods shall be:
 - A) Where the seller undertakes delivery of the goods when they are loaded off the seller's vehicle, ship or other transport at the station port or address specified by the buyer,
 - B) Where the buyer undertakes to collect the goods, when they are loaded onto the buyer's vehicle or other transport at the address of the seller.
 - II) Passing of property:
 - B) If such payment is overdue in whole or in part the seller may (without prejudice to any of the seller's other rights) recover or resell the goods or any of them and may enter upon the buyer's premises for that purpose.
 - C) If any of the goods are incorporated in other goods before such payment the property in the goods delivered by the seller shall nevertheless be and remain with the seller until such payment has been made.
- The buyer agrees to store all such goods in such a way that they are readily identifiable as the property of the seller.
- E) Where any goods delivered under this contract have been sold by the buyer then the buyer shall so sell as agent for the seller and shall be trustee for the seller of the proceeds of sale thereof until such time as the seller shall have been paid in full for such goods.
 - F) Notwithstanding the provisions in sub-clause (A) hereof the sold goods shall be at the risk of the buyer from the time when they cease to be in possession of the seller and in particular when they are delivered into the possession or custody of a carrier, forwarding agent, Warehouseman or other Bailee or agent for the purpose of transmission whether such persons be in contract with or instructed by the seller or the buyer.

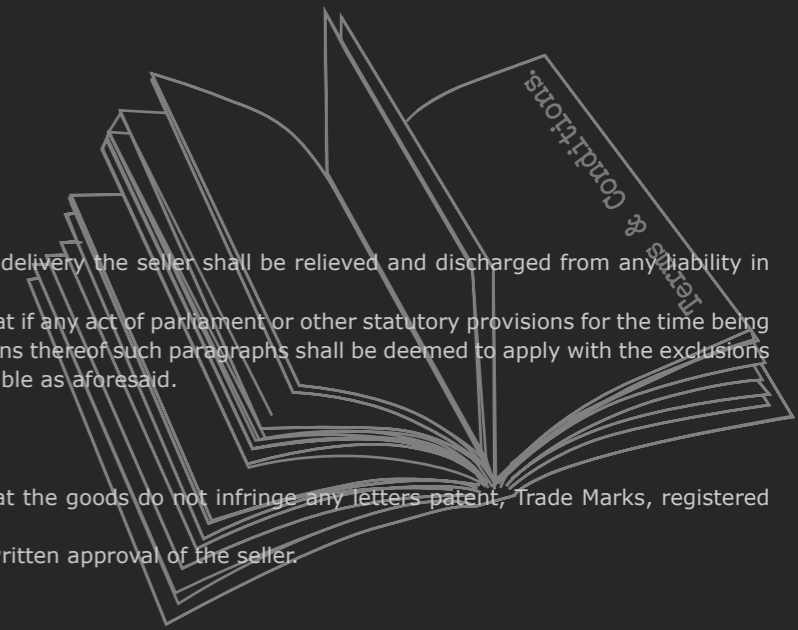
12. Default

If the buyer shall commit any breach of these conditions or if any distress or execution shall in the sole opinion of the seller, be unable to pay the seller for the goods or suspend payment of its debts or make any arrangements with its creditors, or being a company have a receiver appointed of its assets, or pass any resolution to be wound up, or being a person shall commit any act of bankruptcy, or have any bankruptcy petition presented against it, then in any such event the seller shall, without prejudice to any other rights and remedies it might have and without any liability whatsoever, be at liberty forthwith by notice in writing to the buyer:

To cancel all orders and contracts or any part thereof remaining unfulfilled between the seller and the buyer for the delivery of the goods;
Either for its agents or itself to have access to the buyer's premises for the protection, removal, realisation and disposal of any goods at any time and from time to time in which the property shall not have passed from the seller to the buyer in accordance with these conditions of sale.

13. Prices

All goods will be charged at the price ruling at the date of delivery, irrespective of any quotation given prior to that date, or of any price charged for similar goods previously delivered.
Prices quoted or charged exclude packing and delivery. All packages marked 'returnable' remain the property of the seller and should be returned as soon as possible after being emptied. Such packages may not be loaned, given or sold to any third party.
ISC reserves the right to change the specification of any of the products featured, without prior notice.



climb. work. rescue.

I|S|C

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