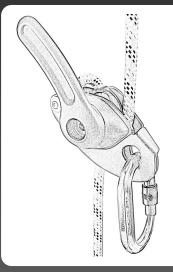


D4TM

Rope adjustment device User Instruction Manual

International Safety Components Ltd., Unit1 Plot 2 Llandygai Ind. Est., Bangor, Gwynedd. UK. LL57 4YH



- 1. Side plates
- 2. Cam
- 3. Handle

Principal materials: Aluminium (side plates, handle). Stainless steel (cam, rivets) D4[™]—product name / brand. I|S|C—manufacturer identification. $C \in 0120$ —Body controlling the manufacture of PPE

- Always read and follow the instructions supplied by the manufacturer.

EN12841:2006—Personal fall protection equipment — Rope access systems—Rope adjustment devices. C—rope adjustment device: working line descender. Max load 240kg.

⊙ - (EN1891) ropes Ø 10.5mm—11.5mm

YY/BBBBB/XX—Year of manufacture/ Production batch/Incremental number.

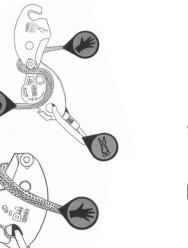
Operation— Fig 3

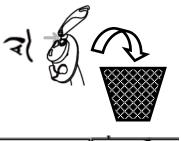
Patent Pending GB1320103.3

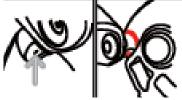
Inspection — Fig 2

Installation— Fig 1

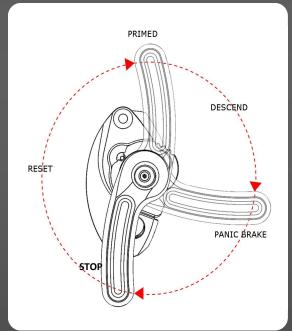
Step 1







If brass insert is visible remove from use.



Cleaning

Step 2







THIS DOCUMENTATION SHOULD BE ISSUED WITH AND KEPT FOR EACH ITEM OR SYSTEM . DIESE UNTERLAGEN SOLLTEN MIT HERAUSGEGEBEN WERDEN UND FÜR JEDES EINZELTEL DOER SYSTEM GEHALTEN WERDEN. ESTA DOCUMENTACIÓN SE DEBE PUBLICAR CON Y GUARDAR PARA CADA ARTÍCULO O SISTEMA. DEZE DOCUMENTATIE ZOU MET MOETEN UTIGEBRACHT WORDEN EN ZOU YOOR LIK ONDERDELC OF SYSTEEM - MOETEN BIJGEHOUDEN WORDEN. CETTE DOCUMENTATION DOIT ÊTRE DÉLIVIRÉE AVEC CHAQUE ÉLÉMENT OU SYSTÈME ET CONSERVÉE AVEC CELUI-CI

PERIODIC THROUGH EXAMINATION AND REPAIR RECORD			
Date / Datum / Fecha / De datum / Date / Data	Inspection details / Detailinformationen zu Prüfungen / Detailes de inspección / Inspectiedetails / Détails de l'inspection / Dettagli ispezione	Name and signature / Nennen Sie und Unterschrift / Denomine y la firma / Noem en handtekening / Nom et signature / Nome e firma	Next examination / Nächste Untersuchung / Pröximo examen / Het volgende onderzoek / Examen suivant / Prossimo esame

D4[™] Rope adjustment device.

General

prevention of falls from height meet or exceed other specific recognised recognised European, American or other Standard or industry Best Practice relating to and the intensity and environment of International standards. A multi-language the specific use, or a non-engineered anchor use. ISC recommends a thorough

Responsibility

understanding of the correct safe use of this equipment, to use it only for the purposes for which it is designed, and to practise all proper safety procedures. It is mandatory that a Risk Assessment be carried out prior to any use carry out a pre-pull test to ensure the device and a rescue plan be in place for any work at height. Do not exceed loads either specified specified MBS using a recognised factor of safety. Do not under any circumstances situation, rotate the modify the product as alterations may render device to move. Ensure the movement can be it ineffective.

Compatibility

Always ensure that all components within locking karabiner. a safety system are compatible and allow the system to function safely.

Use Inspection

Immediately before, during and after use make visual inspections of the product to ensure that it is in a serviceable condition and always required in rescue or is operating correctly. Inspect the top bobbin The D4 is not suitable for use in an EN363 fall for wear. There is a wear indicator (brass insert) present, and if that becomes visible then the device should be removed from use and Use disposed of (Fig 2). Pay attention to the locking button to ensure it is functioning correctly-you will hear an audible 'click' when the frame seats correctly. Check the frames are aligned. Check the handle rotates freely and check the interaction of the cam and handle is fully functional.

Use Requirements

It is recommended that the viability of any installation should be verified by a suitably qualified person. Extreme care should be taken when using this product near harmful chemicals, moving machinery, electrical hazards and near sharp edges and abrasive surfaces. Wet and icy conditions may cause the rope to become slippery.

Testing

Notified body, has been carried out using extreme heat sources. Care should be EN1891 approved ropes Ø10.5mm 11.5mm rope. Suitable for rescue loads damage during transportation. up to 240kg.

Modifications, repair

There are no serviceable parts on the D4[™]

Figure 1 – Installation

system conforming with EN795 or in Inspection) a thorough examination ISC equipment and components for accordance with ANSI Z359.1 (07), or any should be carried out by a competent ably qualified person. The rope path is identi- person that it is safe to do so, should any fied on the rear of the device as well as on the doubt arise about its condition for safe rope cam. The rope must be attached to the use or, if it has been used to arrest a fall. device following the route of the markings. When inserting the rope, it is easier if the cam Lifespan is held 'open' to increase the gap between the Extreme temperatures and the effects of cam and top bobbin, to allow the rope to be chemicals, rust, cuts and abrasions could fed through. Slack in the anchor line between affect the performance and lifespan of the It is the user's responsibility to ensure the user and the anchor should be avoided.

Figure 3 – Operational check

Before each use, verify the correct installation of the rope. With the handle in STOP position, does not slip down the rope. The device should still be able to travel UP the rope. Move by the manufacturer or loads derived from the the handle to the PRIMED position and whilst putting your weight on the rope, but in a safe handle to allow the controlled and is smooth.

> Ensure the device is attached directly to your load bearing harness attachment point using a

When the adjustable anchor line is loaded by the full weight of the user, this becomes a working line. The primary function of the D4 is progression along the working line. Ensure that you have a fully functional backup device (e.g ISC RED) on a separate rope—this is not intervention. arrest system.

To control the device in descent, your left hand is used to position the handle, and your right hand is used on the trailing length of rope to give you extra security and fine adjustments of speed control. If in the situation that you pull the handle too far the device will STOP. To RESET the device rotate the handle clockwise, in the direction of the arrows. This will allow you to continue to DESCEND. All rope adjustment devices create heat when travelling along rope at speed, which can cause damage to the rope. Always check the rope for damage as well as the device.

Storage & Transportation

The product should be stored in a clean, dry environment away from exposure to All testing for this device at ISC and the UV, corrosive or chemical substances or taken to protect the product against

Product Inspection & Maintenance

The D4 should be used with an anchor point/ In addition to the visual inspections (see International person in line with applicable legislation user instruction manual should accompany point capable of withstanding appropriate examination at least every twelve months. this product. It is the users responsibility to loads. It is recommended that any anchor The product should be immediately read and understand these instructions before point be above the user and that the viability withdrawn from use and not used again use. of any installation should be verified by a suit- until confirmed in writing by a competent

equipment, to as little as a single use. The potential lifetime of ISC products is up to 10 years for plastic or textile products, and indefinite for metal products. The actual lifetime of a product depends on a variety of factors such as, the intensity of use, the frequency of use, the environment in which it has been used, the competency of the user, and how well it has been maintained and stored etc. Defective equipment shall be put beyond use to ensure it is not used as safety equipment.

Cleaning

The product must be cleaned regularly (or after every use in a marine environment) with a mild detergent. Afterwards the product should be rinsed in clean water and allowed to dry naturally. Alternatively an air gun can be used to clear debris from device. Moving parts may be oiled regularly with a light oil such as 3-in-1.

Manufacturers' responsibility

The manufacturer or distributor will not be held responsible for any eventual damages, injuries or death resulting from an improper use of this equipment. If there is any doubt about the compatibility of the products you have chosen please consult the manufacturer

Approvals – Declaration of Conformity

The rope adjustment device is manufactured by ISC Llandygai Ind Est., Bangor, Gwynedd. LL57 4YH and has been tested and approved by SATRA Technology Centre, Wyndham Way, Telford Way, Kettering. NN16 8SD., notified body number 0321, in accordance with EN12841:2006 with a maximum rated load of 240kg and is subject to the procedures set out in Article 11b of Directive 89/686/EEC under the supervision of SGS UK Ltd., Unit 202b, Worle Parkway, Weston-super-mare. **BS22** 6WA., notified body number 0120.

For further information please visit our youtube page : http://www.youtube.com/user/iscmarketing