

EN: Warning! Working at height, rock climbing, mountaineering and related activities are inherently dangerous. It is the responsibility of any person using this equipment to learn and practice the proper techniques for use of the equipment for its designated purposes safely and to foresee and take appropriate action in situations where rescue may be required. Even the correct use of equipment and techniques may result in fatal consequences. Medical conditions can affect the safety of the equipment user in normal and emergency use. Any person using this equipment assumes all risks and full responsibility for all damages or injury which may result from the use of it. It is impossible to cover all methods of use. The following instructions and pictograms show some of the common correct and incorrect methods of use; it is impossible to predict them all. There is no substitute for instruction by a trained and competent person.

USER INSTRUCTIONS
IMPORTANT: Please read and understand this information before use, and retain this information for future reference.

General Information
 1. These instructions cover the use of DMM Compact Swivels & Shackles, conforming to one or more international standards. If in doubt please contact your supplier or DMM.
 2. This product may be used in conjunction with any appropriate item of Personal Protective Equipment (PPE) relevant to European Union Directive 89/686/EEC. It may be acceptable for use in other applications, please consult your supplier.
 3. Immediately before use, visually/functionally inspect to ensure that this product is in a serviceable condition and operates correctly. This inspection should be recorded on the inspection form supplied. We recommend a thorough inspection at least once every 6 months by a competent person (this may be the manufacturer).
 4. **Personal Issue:** this product may be issued for personal use, and may be used either separately or as part of a system.

5. Lives depend on your equipment. The user should be aware of its history (use, storage, inspection etc.). If this equipment is not for personal use (e.g. used in mountaineering centres), we strongly recommend a systematic approach to record keeping. This should always be carried out by a competent person.

6. **WARNING:** if you are in any doubt about the safe condition of this product, replace it immediately.

7. **WARNING:** If the product has been used to arrest a fall, a thorough examination should be made by a competent person to ascertain its suitability for continued use. If in doubt it should immediately be withdrawn from use, destroyed and replaced.

8. Ensure that the instructions for other components used in conjunction with this product are complied with. It is the user's responsibility to ensure that he/she understands the correct and safe use of this product.

9. **Climatic Conditions:** This product is designed for use in normal climatic conditions (-40°C - +50°C). Wet and icy conditions will not reduce the strength of this product. It may be suitable for other conditions, please consult your supplier.

10. No responsibility will be accepted by DMM for damage, injury or death resulting from misuse. If in doubt contact your supplier or DMM.

11. No special transportation precautions are necessary, however, avoid all contact with chemical reagents or other corrosive substances.
 12. Care must be taken to avoid loading this product over edges and other obstructions. Check the anticipated orientation during loading before use.

13. **Anchor.**
 13.1 The anchorage point of the fall arrest system should be above the position of the user and conform to EN795:2012 or have a minimum strength of 15kN.
 13.2 Positioning of the anchorage point is crucial for safe fall arrest and this must take into account the anticipated fall distance including rope stretch, the deployment of the shock absorption system (where used) and the length of the connector so that obstructions (such as the ground) may be safely avoided.

14. **Maintenance and Servicing**
 This product must not be marked, modified or repaired by the user unless authorised by DMM.
Note: this product is not user maintainable with the exception of the following:
 14.1 **Disinfection:** disinfect using a disinfectant containing quaternary ammonium compounds reinforced with chlorhexidine (e.g. Savlon) in sufficient quantities to be effective. Soak the product for 1 hour at dilutions recommended for general use using clean water as per (14.2) not exceeding 25°C then rinse thoroughly as per (14.2).
 14.2 **Cleaning:** if soiled rinse in clean warm water of domestic supply quality (maximum temperature 25°C) with mild detergent at appropriate dilution (pH range 5.5 - 8.5). Thoroughly rinse and dry naturally in a warm ventilated room away from direct heat. Important: Cleaning is recommended after every use in a marine environment.
 14.3 **Lubrication:** Lubricate the mechanism with multi-purpose grease. This should be carried out after cleaning. Lubrication is recommended after every use in a marine environment.
 14.4 **Storage:** after any necessary cleaning store unpacked in a cool, dry, dark place in a chemically neutral environment away from excessive heat or heat sources, high humidity, sharp edges, corrosives or other possible causes of damage. Do not store wet.

15. **Lifespan and Obsolescence.**
 15.1 **Lifespan:** this is the maximum life of the product, subject to detailed conditions, that the Manufacturer recommends that the product should remain in service.
Maximum Lifespan: Textile & Plastic Products - 10 years from date of manufacture. Metal Products - no time limit.
Note: This may be as little as one use, or even earlier if damaged (e.g. in transit or storage) prior to first use. For the product to remain in service it must pass a visual and tactile inspection when considering the following criteria: fall arrest, general wear, chemical contamination, corrosion, mechanical malfunction/ deformation, cracks, loose rivets, loose strands of wire, frayed and/or bent wire, heat contamination (over normal climatic conditions), cut stitching, frayed tape, degradation of tape and/or thread, loose threads in tape, prolonged exposure to U.V., clear and readable marking (e.g. marking, batch reference, individual serial numbers etc).

Where such products are permanently attached to other products in a system, please refer to the manufacturer recommendations of the complete system.

15.2 **Obsolescence:** a product may become obsolete before the end of its lifespan. Reasons for this may include changes in applicable standards, regulations, legislation, development of new techniques, incompatibility with other equipment etc.

16. **European Union Type Examination:** EU type examination for this product is carried out by Notified Body No. 0120: S.G.S. (UK) Ltd., Worle Parkway, Weston-Super-Mare, Somerset, BS22 6WA, U.K.

17. **Explanation of Markings.**
DMM - Name of manufacturer.
Focus/Nexus - Product name.
SWxxx - Component number.
xxkN - Major axis minimum breaking strength.
MBS xxkN - Minimum breaking strength.
WLL xxkN - Working Load limit.
ENxxx: xxx - European Standard to which the device conforms.
0120CE - CE mark (notified body number and CE mark).
YRDAYXXX# - Year/Day of manufacture and individual serial number.
Book Pictogram - reminder that the end user should read & understand these instructions, and those supplied with other items of PPE which may be used in conjunction with this item.

Guarantee: DMM guarantees this product for 3 years against any defects in materials or manufacture. The guarantee does not cover this product for normal wear through usage, incorrect storage, poor maintenance, accidental damage, negligence, any modifications or alterations, corrosion, or for any usage for which the product was not designed.

SW400 Mini Swivel

SW440 Prest-in

SW410 EN362:2004 Class M

SW400-14

2mm 1Nm 4mm 4.5Nm

IT Dadi Nyloc devono essere sostituiti se rimosso.
 ES Tuercas Nyloc deben ser reemplazados si se retira.
 PT Porcas Nyloc deve ser substituído se for removido.
 NL Nyloc moeren moeten worden vervangen als verwijderd.

FR Écrous Nylstop doivent être remplacés en cas de renvoi.
 DE Nyloc Muttern müssen ersetzt werden, wenn entfernt werden.

SW420 EN362:2004 Class M

SW400-14

4mm 4.5Nm 2mm 1Nm 4mm 4.5Nm

IT Dadi Nyloc devono essere sostituiti se rimosso.
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SW430 Focus

SW440

2mm 1Nm 4mm 4.5Nm

SW450

2mm 1Nm 4mm 4.5Nm

SW460 Nexus

SW470

SW480

SW490

SW400 Mini Swivel
SW440
SW480

SW450
SW470

SW490

WLL

MBS

EN Lubricate
 FR Lubrifier
 DE Schmieren
 IT Lubrificare
 ES Lubrique
 PT Lubrifique
 NL Smeren

EN Inspect for defects before and after every use and retire from service immediately if damaged or in doubt.
 FR Vérifiez l'absence de défauts avant et après chaque utilisation et mettez hors service immédiatement en cas d'endommagement ou de doute.
 DE Vor und nach jedem Einsatz auf Fehler überprüfen und bei Beschädigung oder Zweifeln nicht mehr benutzen.
 IT Ispezionare per verificare che non vi siano difetti prima di ogni utilizzo e ritirare dall'uso immediatamente in presenza di danneggiamenti o in caso di dubbio.
 ES Supervise que no haya daños antes y después de cada uso. En caso de estar dañada o si duda no la utilice.
 PT Inspeção para defeitos de antes e depois de cada uso e retire do serviço imediatamente se estiver danificado ou em dúvida.
 NL Controleer op gebreken voor en na elk gebruik en onmiddellijk te verwijderen uit dienst indien beschadigd of in geval van twijfel.

$\Sigma F < WLL$

EN ● Cord / Connector
 FR ● Corde / Connecteur
 DE ● Seil / Karabiner
 IT ● Corda / Connettore
 ES ● Cuerda / Conector
 PT ● Corda / Conector
 NL ● Touw / Connector

X

EN Prevent contact with chemical reagents.
 FR Évitez les contacts avec des réactifs chimiques.
 DE Kontakt mit Chemikalien vermeiden.
 IT Impedire il contatto con reagenti chimici.
 ES Evite el contacto con activos químicos.
 PT Evite contacto com reagentes químicos.
 NL Voorkom contact met chemische reagentia.

X

EN Do not mark or alter. Not user repairable.
 FR Ne faites aucune marque sur le dispositif et ne le modifiez pas. Non réparable par l'utilisateur.
 DE Nicht markieren oder abändern. Kann nicht vom Anwender repariert werden.
 IT Non segnare o alterare. Non riparabile dall'utente.
 ES No lo marque o ltere. Este producto no es reparable.
 PT Não marque nem altere. Não reparáveis pelo utilizador.
 NL Niet markeken ofwijzigen. Niet te repareren door de gebruiker.

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WALES

LAND OF QUALITY

F507A/QA/01/Feb.2016

Wales

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EN - PRIOR TO USE THE USER IS OBLIGED TO COMPLETE THE FOLLOWING INFORMATION - User's Name; Place of Purchase; Date of Purchase; Date First Used. FR - COMPLETER OBLIGATOIREMENT LE BULLETIN CI-APRES / EMPLOI - Nom; Point D'achat; Date D'Achat; Date du Premier Emploi. DE - VOR GEBRAUCH SIND VOM ANWENDER FOLGENDE ANGABEN ZU MACHEN - Name des Anwenders; Gekauft von; Kaufdatum; Datum der Ersten Benutzung. IT - PRIMA DELL'USO, L'UTENTE HA L'OBLIGO DI COMPLETARE LE INFORMAZIONI SEGUENTI - Nome di Utente; Luogo di Acquisto; Data di Primo Impiego. ES - ANTES DE UTILIZAR, EL USUARIO DEBERA BELLENAR LA INFORMACION SIGUIENTE - Nombre del Usuario; Lugar de Compra; Fecha de Compra; Fecha del Primer Uso. PT - ANTES DA UTILIZAÇÃO, O UTILIZADOR É OBRIGADO A COMPLETAR AS SEGUINTE INFORMACOES - Nome do Utilizador; Local de Compra; Data da Compra; Data da Primeira Utilização. NL - VOOR DAT TIET IN GEBRUIK WORDT GEMAKEN, IS DE GEBRUIKER VERPLICHT DE VOLGENDE GEGEVENS IN TE VULLEN: - Naam van Gebruiker; Plaats van Aankoop; Datum van Aankoop; Datum Eerstelijk Gebruik.	EN - Signature FR - Signature DE - Unterschrift IT - Firma ES - Firma PT - Assinatura NL - Handtekening
EN -ORIG (Yes/No) FR -ORIG (oui/non) DE -ORIG (Ja/Nein) IT -ORIG (SI/NO) ES -ORIG (SI/NO) PT -ORIG (sim/não) NL -ORIG (Ja/Nein)	EN -BULLETIN DE CONTRÔLE Observations/Actions FR -BULLETIN DE CONTRÔLE Observations/Actions DE -INSPEKTIONSFORMULAR Kommentare/Maßnahmen IT -MODULO DI ISPEZIONE Commenti/Azioni ES -HOJA DE INSPECCIÓN Comentarios/Acción PT -FORMULÁRIO DE INSPEÇÃO Comentários/Ações NL -INSPECTIEFORMULIER Commentaar/Gedaan
EN -Date Inspected FR -Date Contrôle DE -Inspektions-datum IT -Data di Ispezione ES -Fecha de Inspección PT -Data Inspeccaoes NL -Inspectie-datum	

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 & Shackles

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