

# MINDER

# TWIN

CE 0082  
EN 12278: 2007

UK CA 0120  
UIAA NFFPA

7 <math>\leq \varnothing \leq 13 \text{ mm}</math>



individually tested

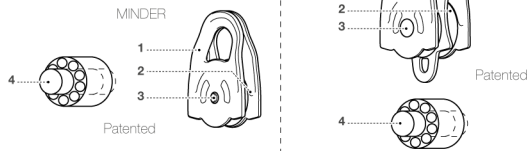
3 year guarantee

## 1. Field of application (text part)

Champ d'application (partie texte)

## 2. Nomenclature

Nomenclature



## 3. Inspection, points to verify

Contrôle, points à vérifier



## NFFPA CERTIFICATION FOR MINDER P60A AND TWIN P65A

MEETS THE PULLEY REQUIREMENTS OF NFFPA 1983, INCORPORATED IN THE 2022 EDITION OF NFFPA 2500.

CONFORMES AUX EXIGENCES POULIES DE LA NORME NFFPA 1983, DE L'ÉDITION 2022 DE LA NORME NFFPA 2500.



**PULLEY: MBS 36 kN  
G (GENERAL USE)  
MEETS NFFPA 2500  
(1983) - 2022**

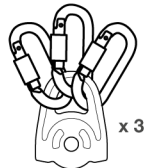
After removing the notice from the equipment, make a copy of it and keep the original as part of a permanent record that includes the usage and inspection history for the equipment. Keep the copy of the notice with the equipment and refer to it before and after each use. Additional information regarding auxiliary equipment can be found in NFFPA 1500 and NFFPA 1858 and NFFPA 1983, incorporated in the 2022 edition of NFFPA 2500.

Après avoir détaché la notice du produit, faites en une copie et gardez l'original dans un dossier qui compile l'historique de vie du produit et les vérifications EPI réalisées. Gardez une copie de la notice avec le produit et consultez-la avant et après chaque utilisation. Des informations complémentaires sont disponibles dans la NFFPA 1500, NFFPA 1858 et NFFPA 1983, incorporées dans l'édition 2022 de la norme NFFPA 2500.

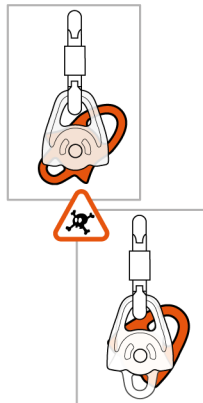
## 4. Compatibility

Compatibilité

MINDER / TWIN



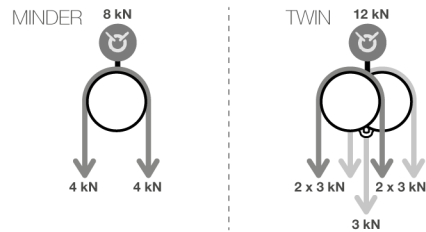
TWIN



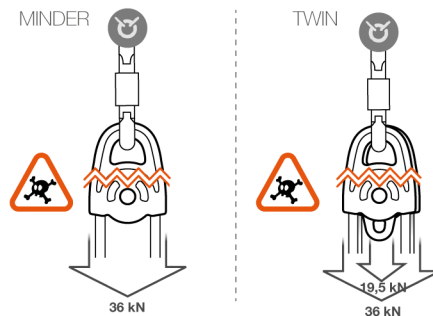
## 5. Strength

Résistance

### 5A. Working load limit / Valeur d'utilisation maxi

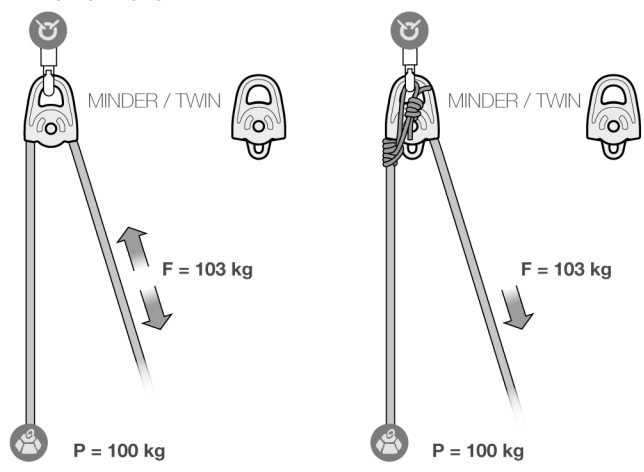


### 5B. Breaking load / Charge de rupture



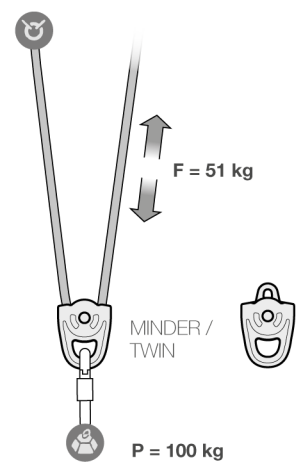
**6 Efficiency**  
Rendement

**6A. Simple pulley system**



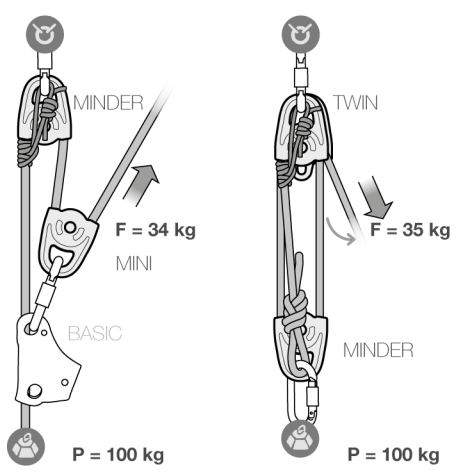
Theoretical force	$F = P$
	$F = 1,03 P$
	$F = 2 P$

**6B. 2:1 hauling system**



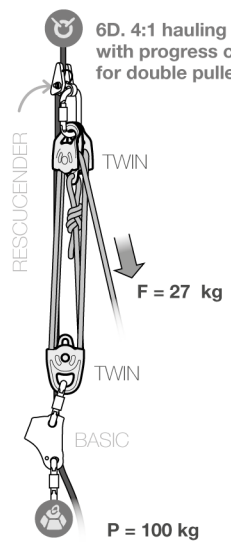
$F = 0,5 P$
$F = 0,51 P$
$F = 0,66 P$

**6C. 3:1 hauling system**



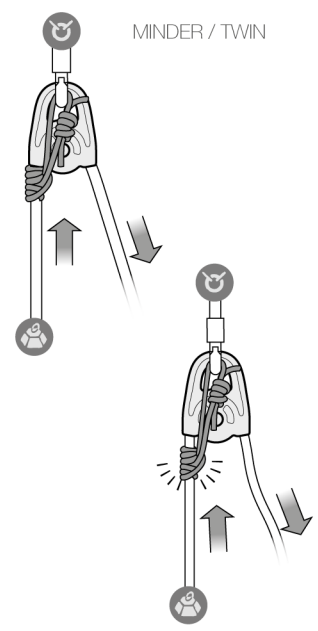
$F = 0,33 P$	
$F = 0,34 P$	$F = 0,35 P$
$F = 0,57 P$	$F = 0,875 P$

**6D. 4:1 hauling system with progress capture for double pulleys**

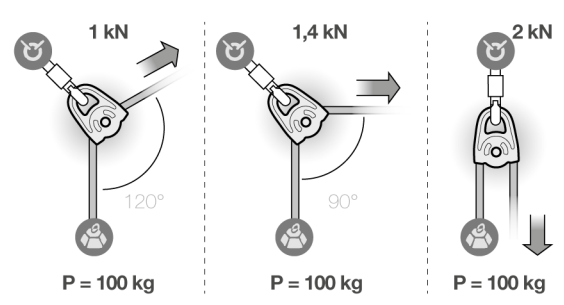
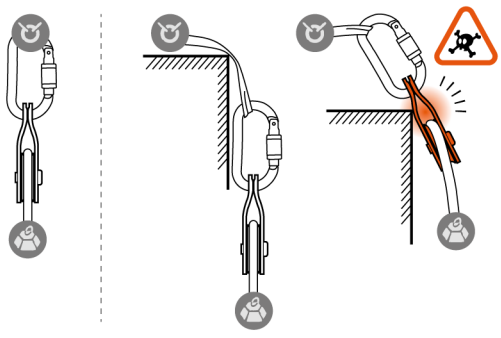


$F = 0,25 P$
$F = 0,27 P$
$F = 0,937 P$

**7. Progress capture systems**  
Systèmes anti-retour



**8. Positioning and redirection**  
Positionnement et renvoi



**Traceability and markings**  
Traçabilité et marquage

**MINDER**

**TWIN**

**CE 0082**

**a.** Body controlling the manufacture of this PPE

**b.** Notified body performing the EU type exam

**APAVE SUDEUROPE SAS**  
8 rue Jean-Jacques Vernazza  
Z.A.C. Saumaty-Séon - CS 60193  
13322 Marseille CEDEX 16  
N°0082

**c.** Traceability: **datamatrix**

**d.** Diameter

**e. Serial number**  
YY M 0000000 000

**f.** Year of manufacture

**g.** Month of manufacture

**h.** Batch number

**i.** Individual identifier

**j.** Standards

**k.** Carefully read the instructions for use

**l.** Manufacturer address

**UK  
CA  
0120**

This product is compliant with the Regulation 2016/425 on Personal Protective Equipment as brought into UK law and amended.  
Ce produit est conforme au règlement 2016/425 sur les équipements de protection individuelle tel que transposé en droit britannique et modifié.

Approved Body performing the UKCA type examination:  
Organisme approuvé intervenant pour l'examen UKCA de type :

**SATRA Technology Centre Limited**  
**Wyndham Way, Telford Way,**  
**Kettering, Northamptonshire,**  
**NN16 8SD, United Kingdom,**  
**N° 0321**

Approved body responsible for the production control of this PPE:  
Organisme approuvé responsable du contrôle de production de cet EPI :

**SGS United Kingdom Ltd**  
**Inward Way**  
**Rossmore Business Park**  
**Ellesmere Port, Cheshire, CH65 3EN**  
**United Kingdom**  
**N° 0120**

Authorized Representative in UK : PETZL UK Agency, Unit 3-7, Tebay Business Park, Old Tebay, Penrith, CA10 3SS, United Kingdom