

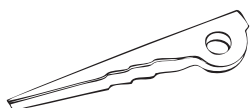
# PITONS



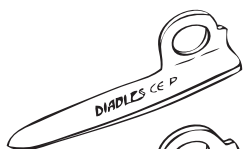
**CLIMBING IS DANGEROUS! RECEIVE QUALIFIED AND PROFESSIONAL INSTRUCTION BEFORE USE.**

Rock climbing, mountaineering, caving, canyoning and via ferrata are dangerous activities which involve a risk of **SERIOUS** and/or **FATAL ACCIDENTS**. You decide to practice these activities; Therefore, you are responsible for your actions and decisions. If you do not accept these responsibilities, please, do not use our products. Receive qualified and professional instruction by qualified instructors before using these products. Kop Gas SL., the distributors and retailers will not accept any kind of responsibility for any injury or death that may occur because of the use of our products.

## PITONS KdG



**SHARKS**  
Hardened steel angles.  
CE (P) - Dark red coloured  
L= 6, 9, 12 cm.



**DIABLES**  
Hardened knifeblades  
CE (P) - Dark red coloured  
L= 5, 7, 9 cm.



**KNIFEBLADES**  
Medium hardened knifeblades en "P"  
CE (P) - Orange coloured  
L= 6, 8, 10 cm.



**UNIVERSALS**  
Soft universals.  
CE (P) - Steel plate coloured  
L= 8 i 10 cm.



**ECOS**  
Soft or hardened "U" pitons.  
CE (P) - Steel plate/dark red coloured  
L= 6, 8, 10 cm.

## SECURITY WARNIG - AVISO DE SEGURIDAD

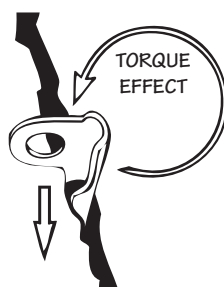
Use of pitons requires specific knowledge and experience. Do not hesitate to receive training by qualified climbing guides. Practice before entering the wall. Approximately, 10 hammer stings are needed to locate correctly a Piton. Discard the pitons that come easily, although they appear to be well placed. A Piton "sings" when you chop it correctly with the hammer, and chirps increasingly sharp and sustained.

La colocación de pitones requiere conocimientos específicos y experiencia. No dudes en recibir formación adecuada por parte de profesionales (guías de escalada titulados). Practica a pié de vía antes de entrar en la tapia. Aproximadamente hacen falta 10 picadas de mediana para emplazar correctamente un pitón. Descarta los clavos que entren fácilmente aunque parezcan bien colocados. Un pitón "canta" cuando al darle correctamente con el martillo emite un sonido progresivamente más agudo y sostenido.

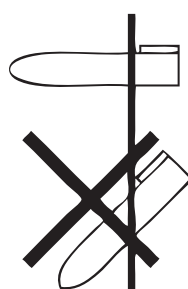
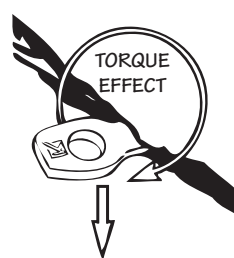
## TORQUE EFFECT - FUERZA DE TORSIÓN

When placing a piton it is better to translate the tractive force of a possible fall into a torque force of the blade. This increases the stretch of the piton much more than simple lever effect.

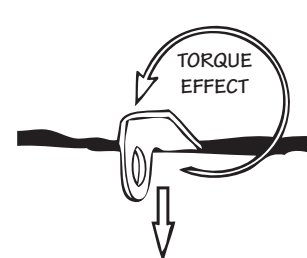
El emplazamiento de los pitones tendrá en cuenta que la fuerza de tracción de una posible caída se traduzca en una fuerza de torsión del clavo. Esto incrementa la resistencia del pitón mucho más que el simple efecto de palanca.



PLACE THE PITON PERPENDICULAR TO THE CRACK



PLACE THE PITON BLADE PARALLEL TO THE CRACK



AVOID THE LEVER EFFECT

