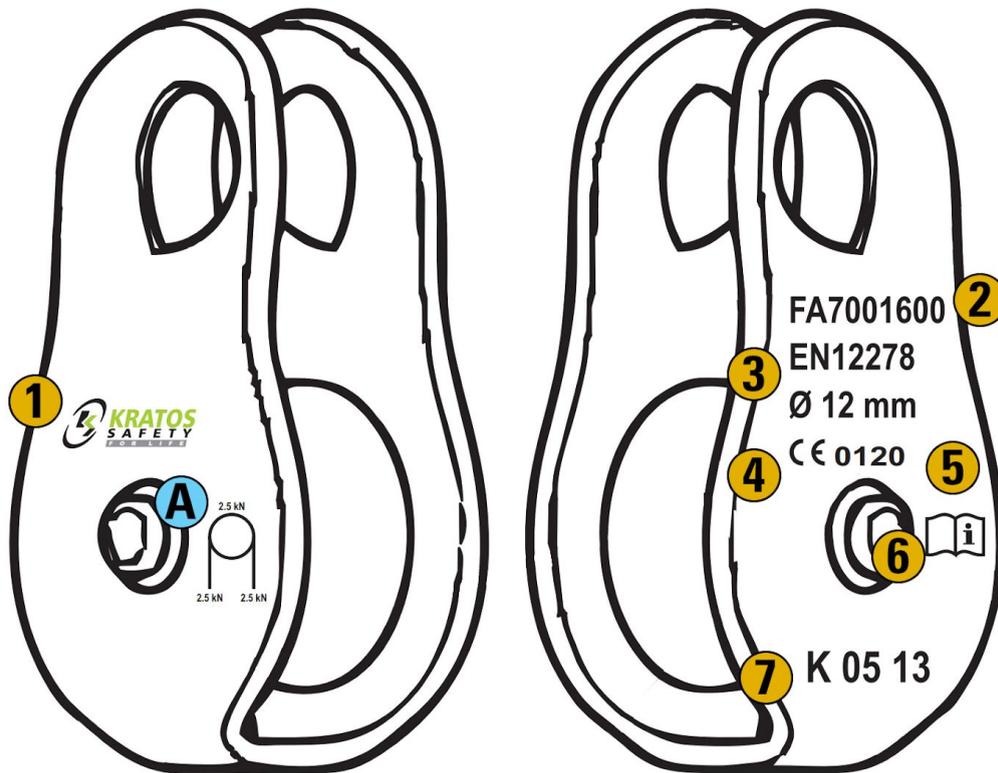


## KRATOS - PULLEY INSTRUCTIONS



For your safety, comply strictly with the instructions for use, verification, maintenance and storage. George Taylor & Co. cannot be held liable for any direct or indirect accident occurring as a result of use other than provided for in this notice; do not use this equipment beyond its capabilities!

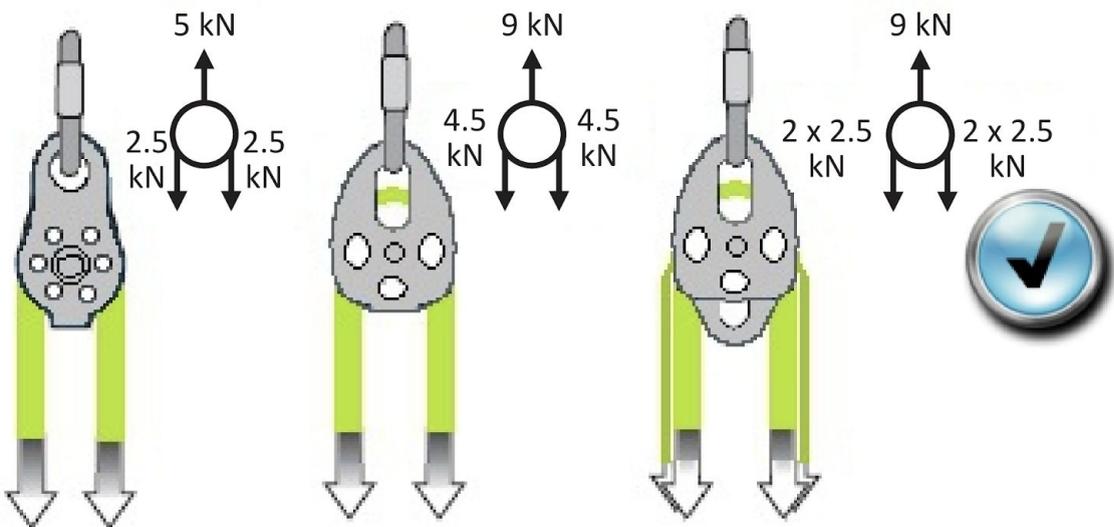
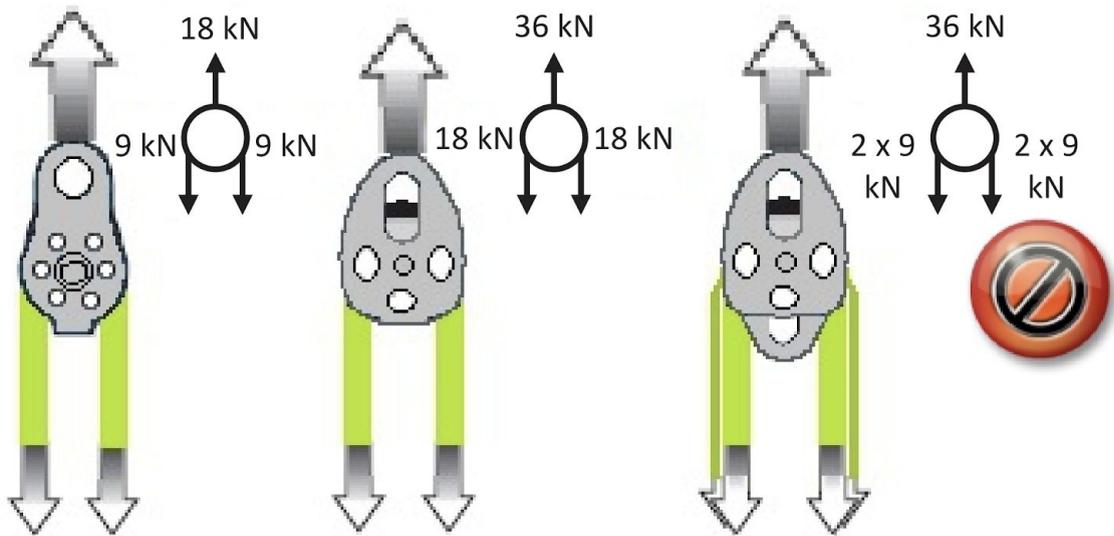
# LABELLING



1. Manufacturers name
2. Model number
3. The number of the standard to which the product conforms and its year
4. Indication of conformity with the directive
5. Number of the certifying organisation responsible for inspecting the equipment
6. Read the instructions before use
7. The batch number

A:

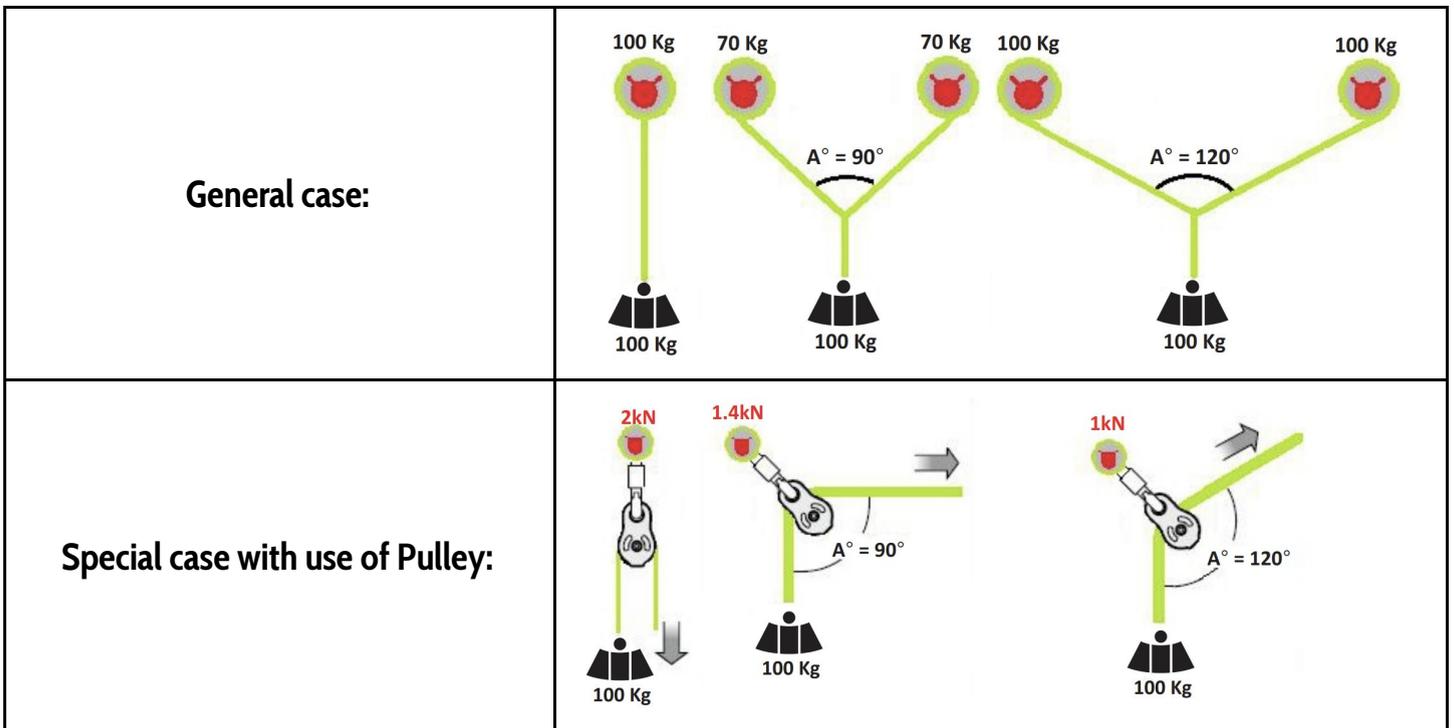
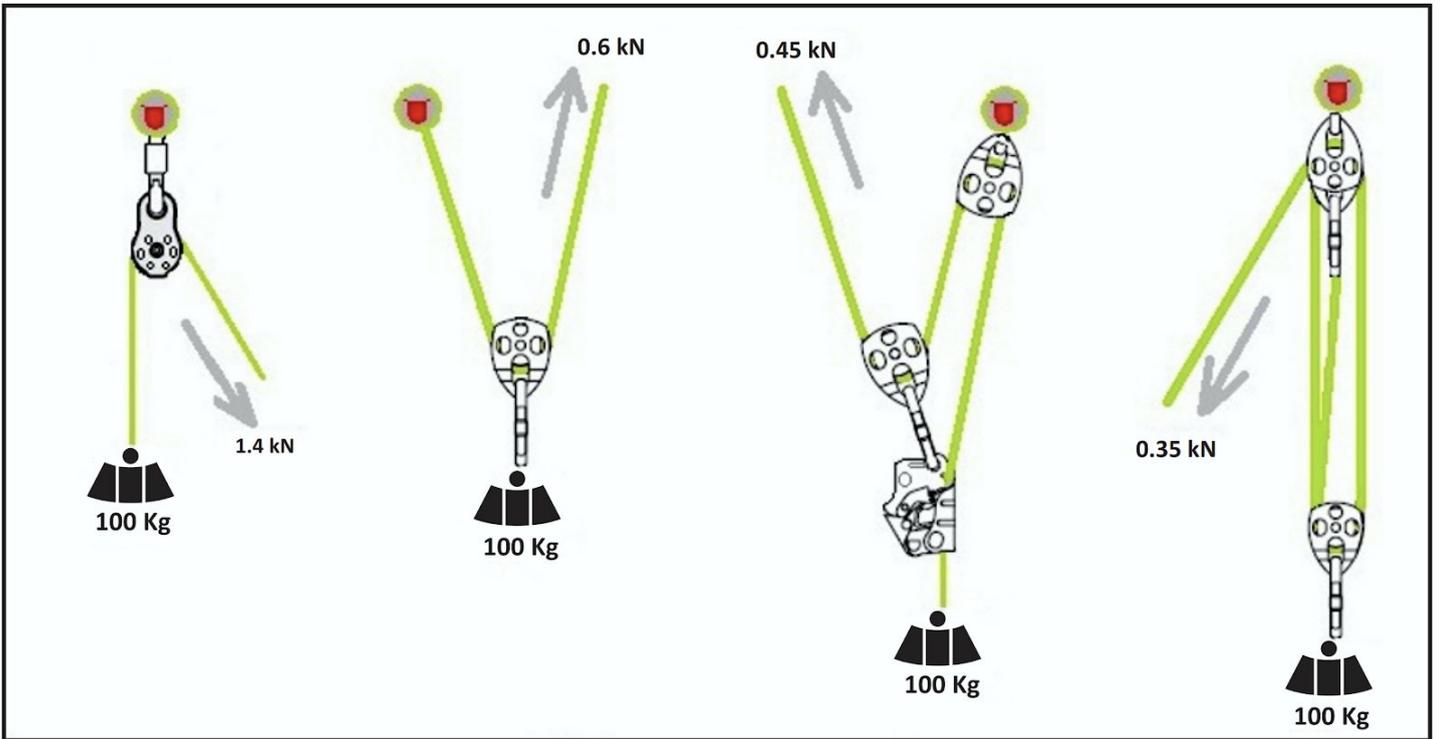
FA 70 008 00	FA 70 016 00	FA 70 017 00	 Ø (mm)
Sheave: 21mm	Sheave: 45mm.	Sheave: 45mm	
9 mm ≤ Ø ≤ 12 mm	9 mm ≤ Ø ≤ 12 mm	9 mm ≤ Ø ≤ 12 mm	
80g	270g	490g	



**Breaking strength**



**Maximum working load**



## USE & PRECAUTIONS

An inappropriate use can cause serious and even fatal accidents. This user instruction will not teach you the techniques for using this equipment; the use of this equipment is therefore reserved for expert users. So it is essential to be trained in these techniques before the use. Pulleys are pieces of equipment that can be used in combination with a Personal Protection Equipment against falls from a height, for a rescue purpose. They conform to EN 12 278. Pulleys are systems of rope redirection (EN 892 et EN 1891); these devices enable to reduce friction. KRATOS SAFETY pulleys should be used with ropes (textile) only. Fix the pulleys on reliable anchor points and prior to use, verify the distribution of stress at the anchor point, according to the configuration of your system (see figures below as an example).

***The dynamic effects of the mass can substantially increase ( $\times 2$  or more) the efforts in the whole system. Check the resistance of the system elements and more specifically the resistance of the anchor point AND avoid collisions, fits and starts, pendulum effects...***

- When selecting the pulley, make sure the device is suitable for the diameter of the rope that you are going to use and the load to lift.
- When working with pulleys, use locking connectors only (EN362).
- Make sure the shape of connectors is compatible with pulleys; connectors must be able to move freely in the pulley, in no case they should be stuck in the pulley.
- All through the work, make sure the pieces of equipment are well positioned/lined up compared to each other, particularly the rope.

**Warning!** Always make sure that the pulleys are able to position themselves in the direction in which the load is going to apply. During labor, the pulley should not be in contact with a surface, an edge, a piece of equipment or anything that might cause stress in the system and/or interfere with the normal sliding of the rope. Also, make sure that the rope is not upon contact with an outer surface (sharp edges) during use.

**Warning!** For pulleys with moveable flanges, during use make sure that all the flanges are locked together with a connector (EN362). Ensure that the general arrangement limits swinging in the event of a fall, and that the work is done in such a way as to limit the risk and the height of a fall. Before and during use, we recommend that you take all the necessary precautions for a safe rescue should it be needed.

**Warning!** Some medical conditions may affect the user's safety. If in doubt, contact your doctor.

**Before each use, always check that the pulley is in working order: visual inspection:** the device must be clean, not misshaped, not oxidized, free of abrasive or sharp parts likely to damage the rope, there must not be any play in the axis of the sheave. Check the wear and tear of the sheave and its correct rotation. In the event of doubt, the pulley should be withdrawn from service.

**Do not remove, add or replace any component of the pulley.**

## CHEMICAL PRODUCTS

Remove the pulley from service should it be exposed to chemical products, solvents or combustible materials that could affect its operation.

## TECHNICAL DATA

Material: Aluminum.

## SUITABILITY FOR USE

Check that the devices are used in combination with other systems suitable for mountaineering, caving, rafting and rescue, and that they are compatible, check that they comply with the rules, standards and EU directives. In any case, we recommend that you use connectors according to the EN362 standard. Thus, before the use, refer to the recommendations for the use of each system component.

### **NEVER USE METALLIC ROPE WITH THE PULLEY**

## SERVICE LIFE

Service life of the product is linked to various factors such as frequent or incorrect use, weather conditions (humidity, frost and ice), high stress, exposure to heat, aging, exposure to chemical agents... Service life of the product is 10 years (in accordance with the annual examination by a competent person authorized by KRATOS SAFETY), although the actual service life may be longer or shorter, depending on its usage and/or annual inspection results. The manufacturer or his authorised representative must systematically check the energy absorber in case of doubt or after a fall and at least every year by, to guarantee its state and thus the safety of the end-user.

## VERIFICATION PROCEDURE

For your safety, always inspect your equipment before, during and after the use, and pass it a thorough periodic inspection with qualified personnel at least every 12 months. This frequency may vary depending on the frequency and intensity of use. If you have any doubt about the condition of the equipment, replace it immediately.

## SERVICING & STORAGE

### **(Comply strictly with these instructions)**

During transport, keep the equipment away from cutting part and keep it in its packaging. Clean with soap and water, wipe with a dry cloth and hang in a ventilated area to dry naturally away from any direct heat or source of heat, even for items that got wet during their use. Bleach and detergents are strictly prohibited. The equipment should be stored in a temperate and dry place in its packaging, away from sunlight, heat and chemicals.