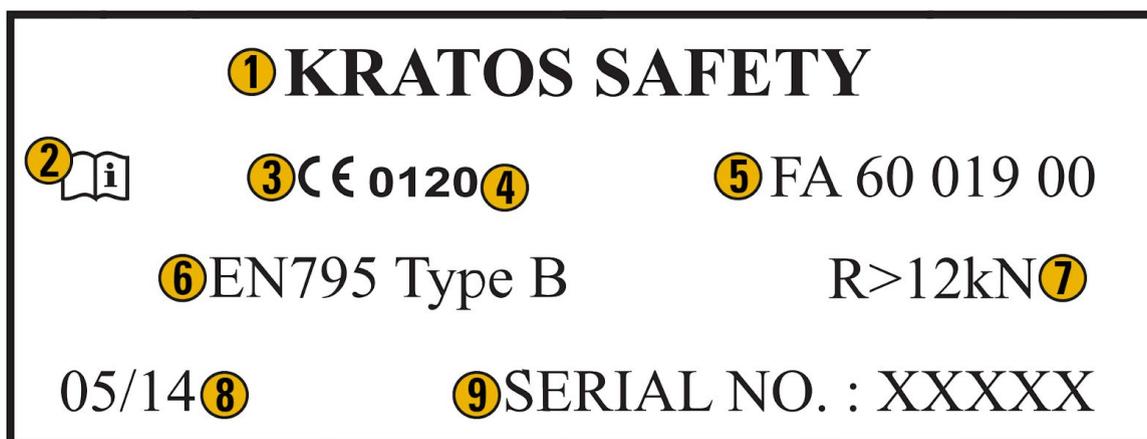


## KRATOS - TOGGLE ANCHOR INSTRUCTIONS



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



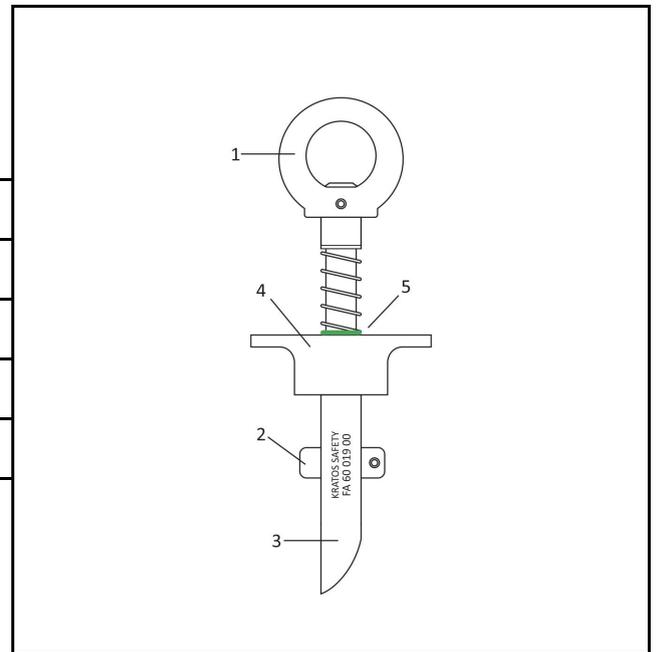
1. Manufacturer's name
2. Read the instructions before use
3. Indication of conformity with the directive
4. Number of the certifying organisation responsible for inspecting the equipment
5. The product reference
6. The number of the standard to which the product conforms
7. The minimum resistance of the product in kN
8. The date (month/year) of manufacture
9. The individual number

## USE AND PRECAUTIONS

A toggle anchor is a temporary, transportable anchoring point designed for use on horizontal steel or concrete (only for FA 60 019 01) surfaces. It must be installed on surfaces capable of withstanding stresses exerted by the anchor point itself in case of a fall: R>12kN. Stresses must be directed vertically and downwards. The drilling diameter for installing the Toggle Anchor must be no greater than 22-23 mm. The hole must be drilled all the way through to let the toggle tip up freely. The maximum thickness of the receiving structure must be: FA 60 019 00: **40mm** and FA 60 019 01: **330mm**.

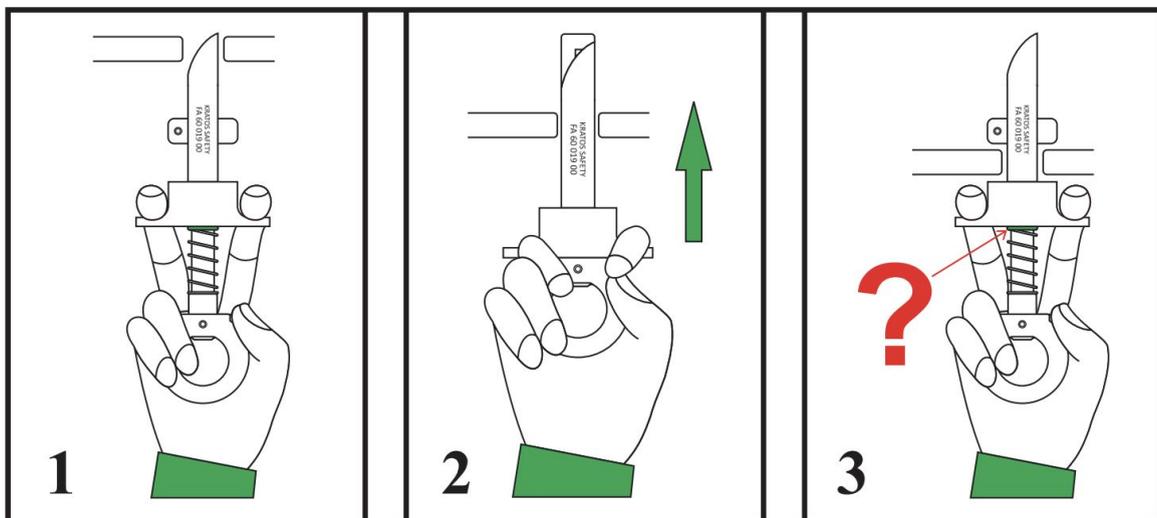
Requirements for the receiving structure	
Steel	Thickness: Min: 5mm Space around all edges: Min: 3cm
Pre-cast concrete 35 MPa	Thickness: Min: 11cm Space around all edges: Min: 16cm
<b>In all cases, the structure must be the right size for the resistance of the anchoring point: R&gt; 12 kN.</b>	

1	Anchor D-ring
2	Toggle
3	Stem
4	Push button / Spring loaded trigger
5	Security indicator (green ring)



## INSTALLATION

Push the anchor D-ring via the push button (fig. 1), the end toggle rotates to a parallel position to the stem. Insert the stem in the bolt hole of the host structure (fig. 2). Release the push button, the toggle automatically returns to perpendicular position, thus preventing the anchor point from going out of the host structure (fig. 3). Check the stability of the system by making a pressure in the direction in which the strength will be applied during the use.



It is essential to make sure that the toggle is properly installed (fig. 3):

- If you can visually access the toggle, perform a visual inspection.
- In any case, make sure the security indicator is visible before using the anchor point. If the green ring is not visible, a slight push on the anchor D-ring should release the toggle. If the green ring is not visible, the product must not be used.

Green ring is visible = **OK**

Green ring is not visible = **Warning! Do not use the toggle anchor!**

This anchor point is a piece of personal protection equipment against fall from a height; it should be allocated to a single user.

It is recommended that the installation of this anchor point be supervised by a qualified person. In all cases, connections between the anchor D-ring and the fall arrest system will have to be made through a connector (EN362). During the use, please check regularly that the connector is correctly closed.

The anchor point should be installed so that the fall arrest system is situated above the user. Make sure that the work is done in such a way as to limit the pendulum effect, as well as the risk and the height of a fall. For safety reasons and before each use, make sure that in the event of a fall there is no obstacle obstructing the normal deployment of the fall arrest system fixed on this anchor point.

User safety relies on the effectiveness of the equipment and full understanding of the safety instructions contained in this leaflet.

Product markings should be checked periodically for legibility.

Be aware of the hazards that could reduce the performance of your equipment, and therefore the user's safety, if exposed to extreme temperatures ( $< -30^{\circ}\text{C}$  or  $> 50^{\circ}\text{C}$ ), prolonged exposure to the elements (UV rays, humidity), chemical agents, electrical constraints, twisting of the fall arrest system during use, sharp edges, friction or cutting, etc.

Before and during use we advise you to make the necessary arrangements for a safe rescue if the need should arise.

This equipment is for the use of people trained, skilled and in good health, or under the supervision of a trained and skilled person. **Warning!** Certain medical conditions may affect user safety; if in doubt, consult your doctor. Before each use, check that the toggle anchor has no traces of deformation or oxidation. Pay a particular attention to the attachment D-Ring and to the toggle, the latter should vanish and automatically return in position. In case of doubt, the product should not be used anymore without a full checking by a qualified person.

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

**Chemical Products:** put the system out of use if it comes into contact with chemical products, solvents or fuels which could affect its workings.

## TECHNICAL DATA

Steel and steel treated against corrosion.

Weight: 0.55 kg (FA 90 019 00) – 1.25 kg (FA 60 019 01).

Kratos Safety certifies that the Toggle Anchor has been tested in accordance with the standard EN795:2012 Type B.

## SUITABILITY FOR USE

A fall arrest harness (EN361) is the only body gripping device that may be used. It may be dangerous to create one's own fall arrest system where each safety function can interfere with another safety function. Therefore, it is important to read the recommendations on using each component in the system before use.

## VERIFICATION

The recommended service life of the equipment is 10 years (in accordance with the annual examination by a competent person authorized by KRATOS SAFETY), but it may be increased or reduced according to use and/or the results of the annual inspections. The equipment should be inspected if there is any doubt, or following a fall and at least annually, by the manufacturer or a competent person authorised by the manufacturer to check its strength and hence the user's safety. The product data sheet should be completed (by writing) after each verification; date of inspection and date of next inspection must be indicated on the data sheet, it is also recommended to put date of next inspection on the product.

## SERVICING & STORAGE

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

During transport, keep the product in its packaging, well away from any cutting surface; clean it with water, wipe it with a rag and hang it up in a well-ventilated location, to let it dry naturally and away from a naked flame or heat source; follow the same procedure for components that have become damp during use. The system must be stored in its packaging in a dry, well aired place protected from extremes of temperature.