# ENGLISH

**Make sure that you have thoroughly read the instruction manual and understood its contents before operating the device. The technical specifications and the corresponding included instruction manual for the IKAR fall protection device HRA with rescue lifting gear must be strictly observed!**

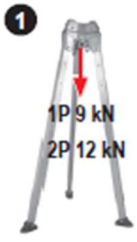
## Safety instructions

1. This anchoring device has been tested and approved for securing 1 person according to EN 795:2012 Type B and for securing 2 persons according to CEN/TS 16415:2017 against falling and for rescue. In combination with additionally required safety harnesses according to EN 361, IKAR fall arresting devices according to EN 360, IKAR fall arresting devices of type HRA with rescue lifting equipment according to EN 360 / EN 1496, it must be ensured that the force that acts on the user during the arresting process is limited to max. 6 kN. The anchoring device and fall arresting devices are to be used only as intended.
   **Note: The IKAR fall protection device HRA with rescue lifting gear is not included in the delivery scope!**
2. A non-observance of the instruction manual can be hazardous to life. In case of a fall, the persons concerned must not be left hanging for more than 15 minutes in any case (shock risk).
3. A rescue plan considering any potential emergencies that might occur during this type of work must be available.
4. The anchorage device may only be used by properly trained and experienced persons. Health impairments are not admissible (e.g. alcohol, narcotics, drug or circulatory troubles)!
5. An IKAR retractable type fall arrester HRA with rescue hoisting facility can only protect one person when in service; but however can be used successively by several persons.
6. The IKAR tripod must always be vertical and stable when set up as an essential safety factor. The forces specified must be taken into account (❶) (see page 26).
7. **Attention: The tripod must never be used on oily or otherwise slippery surfaces!**
8. The device should be positioned as vertically as possible above the head of the person being secured in order to prevent swinging in the event of a fall. In the event of a fall, there must be no possibility of impact with the ground or other obstacles. The type of application must be selected in such a way that free fall and fall height are kept to a minimum. After attaching the IKAR HRA fall arrest device to the bracket on the IKAR tripod and inserting the extendable lanyard into the pulley, the end (carabiner hook) must be attached to the fall arrest eyelet on the safety harness. The carabiner hook must be checked to ensure that it is functioning properly. If these requirements are met, the safety protection for the user is ensured.
9. No deflection or displacement of the anchorage device that needs to be taken into account in practice is to be expected.
10. Before each use, check the legibility of the product labeling and perform a visual inspection of the anchorage device and its attachments for obvious defects (according to the list on page 2).
11. Damaged equipment or equipment that has been subjected to stress due to a fall—or if there is any doubt about the safety of the equipment - must be taken out of service immediately! It may only be used again after it has been inspected and approved in writing by a competent person.
12. If one component of the equipment is unusable, the entire equipment is considered unusable.
13. Depending on usage, but at least every 12 months, the anchorage device must be inspected by the manufacturer or by an expert in personal protective equipment against falls from a height. This must be documented in the inspection log book provided. The effectiveness and durability of the IKAR tripod and the optional IKAR fall arrest device depend on regular inspection.
14. The service life of the fall arrest device must be determined during the annual inspection; depending on usage, this is approximately 10 years.
15. Repairs may only be carried out by the manufacturer or by persons trained and authorized by the manufacturer.
16. Compliance with all relevant local regulations regarding the use of this equipment is mandatory.
17. The permissible load of the anchor device corresponds to EN 795:2012 Type B for securing and rescuing 1 person and CEN/TS 16415:2017 for maximum 2 persons.
18. The IKAR DB-A4 rescue tripod and the optional IKAR fall arrest device must be protected from all harmful influences such as impacts, dirt, extreme temperatures, welding flames, sparks, fire, acids, lyes, corrosive environmental influences or moisture. When the device becomes wet it shall be allowed to dry naturally and be kept away from direct heat.
19. It should be stored in a place that is free from harmful influences - clean, dry, away from harmful chemicals or extreme temperatures and should not stored under tension or load. It is recommended to use suitable containers or bags for transportation and storage.

20. Please note: Only IKAR brackets may be installed. Only IKAR devices may be installed in IKAR brackets.
21. Before using disinfectants, you have to contact the manufacturer due to the complex legal product classifications based on the specific applications and constituents.
22. No changes or additions may be made to the equipment—otherwise there is a risk of death.
23. The tripod should only be transported in suitable transport containers (e.g., IKAR tripod carrying bag) and protected from damaging influences.
24. Note: To prevent any negative impact on the safe functioning of the fall arrest device, only accessories approved by the manufacturer (e.g., rescue clamps in accordance with DIN 19428:2018, protective covers, brackets, etc.) may be used. **The manufacturer is not liable for damage to the user's life or limb if the user uses unauthorized accessories.**
25. The AP-DB4 anchor point is designed for connecting personal fall protection equipment systems that are certified in accordance with Regulation (EU) 2016/425, which ensures that the force exerted on the user during the fall arrest process is limited to a maximum of 6 kN.
26. It is essential for the safety of the user that the specified mounting position of the AP-DB4 is strictly adhered to.
27. The specified rope guide runs parallel to the tripod leg without exception via the built-in deflection pulley.

## Technical specifications

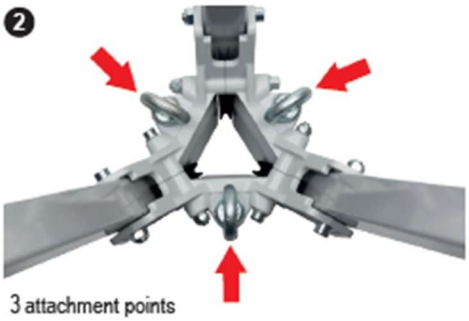
| Tripod | Type DB-A4 XL | Type DB-A4 short |
|---|---|---|
| Max. load | 2 Persons | 2 Persons |
| Height adjustment range | 1512 mm - 3373 mm | 1068 mm - 2117 mm |
| Mounting diameter | Ø 759 mm - 2926 mm | Ø 524 mm - 1816 mm |
| Weight (without HRA device) | 25 kg | 19 kg |
| max. load capacity | 300 kg | 300 kg |



## Attachment points according to EN 795: 2012 Typ B

The attachment points (❷) are suited for attaching fall protection systems according to EN 360 and in combination with safety harnesses according to EN 361 for a maximum of 1 persons.

❷



3 attachment points

## Adjustable rubber feet

The rubber feet are mounted so that they can be folded up to better adapt to the conditions of the surface.
The horizontal position (❸) is for hard and firm surfaces. The vertical position, standing on its tip, prevents slipping on soft surfaces (❹).
To ensure a secure footing on uneven surfaces, the tripod feet are equipped with ball joints (❺).

❸



❹



❺



## Integral-in Deflection roller

The 3 integral deflection rollers guide and redirect the load-bearing equipment used. Please note the maximum nominal diameters of steel cables Ø 6 mm (❻) and textile cables Ø 10,5 mm (❼). The ropes are guided through the labyrinth and placed on the deflection roller. The labyrinth prevents the ropes from jumping out of the deflection rollers in the event of uncontrolled load changes.

**Note: The IKAR HRA device retracts the rope automatically as long as the rescue lifting function is not engaged.**

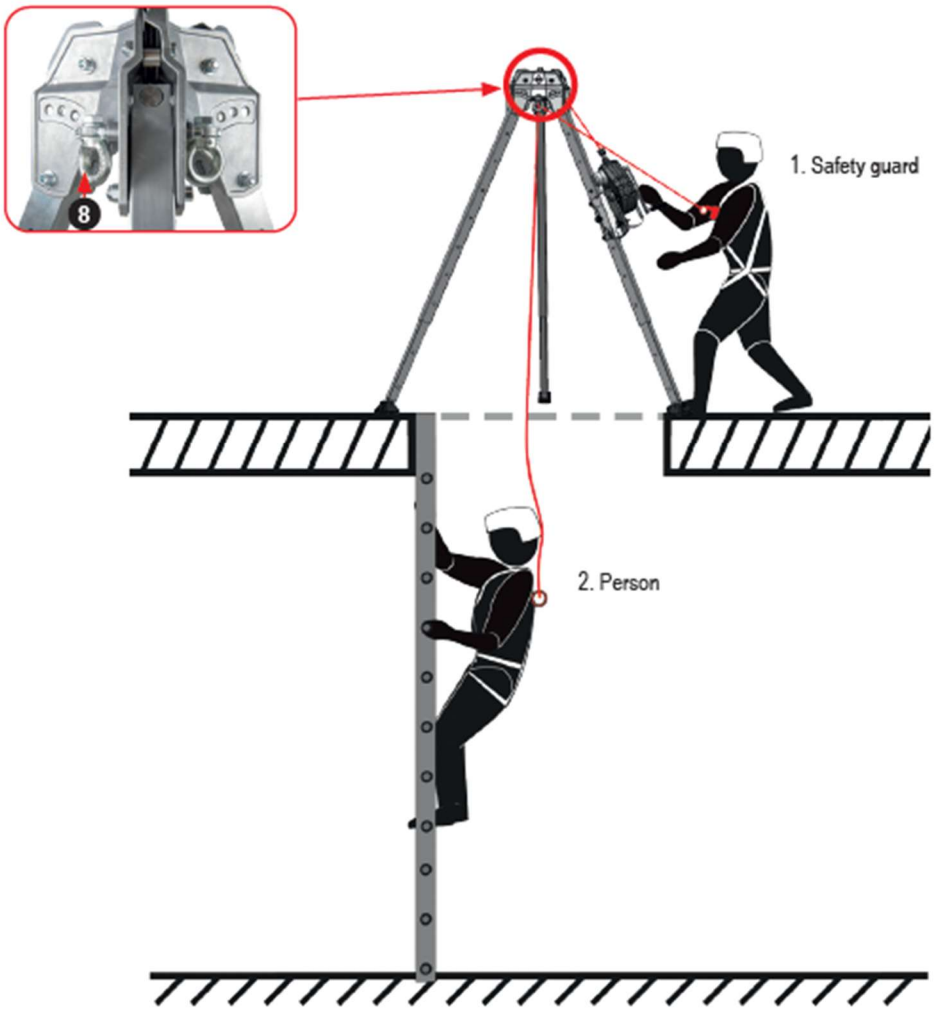
❻



❼



## Possible applications for securing 2 persons against falling and for rescuing in combination with the additional anchor point




**8**

One person enters a shaft, for example, fastened to a fall arresting device of type HRA and the latter's snap hook to the fall arrest eyelet of his safety harness (refer to instruction manual for the equipment). The safety supervisor has the option, for example, to use a fall arresting device in combination with a safety harness for fastening to the additional anchor point. Even during an emergency rescue, the safety supervisor is always protected against falling.

However, it is not possible to rule out the possibility of injury to the safety supervisor or damages to the personal safety equipment resulting from impact with edges or objects in the event of a fall into a shaft, for example.

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