IKAR

THE SAFETY EXPERT

2026



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Individual solutions
Customized Products | Load Arraster

Quality and Safety made in Fulda

Our company looks back on a long and successful tradition, driven from the very beginning by a spirit of innovation in the development and production of personal fall protection systems.

Founded in 1978 by Otto Herchet in a small home garage, IKAR GmbH has grown from a one-man operation into one of the world's leading manufacturers of fall protection technology. What started as a vision to make working at height safer has evolved into a globally recognized brand synonymous with reliability, precision, and German engineering excellence.

Today, the family business is managed by the second generation – Michele, Marco, and Natascha Herchet – who bring fresh ideas while remaining firmly committed to the core values that define IKAR's success: technical excellence, uncompromising quality, and the ambition to always stay one step ahead. Their leadership continues the pioneering spirit that has shaped the company for over four decades.

For many years, IKAR has held a position of technological leadership in the industry. Our extensive product range – from full body harnesses, anchorage devices, and Retractable Type Fall Arresters (SRLs) to lanyards and descent devices – provides our customers with tailor-made solutions of the highest technical standard and consistently verified quality. Every product that leaves our facility reflects our dedication to safety, performance, and innovation. Our quality management system is certified according to EN ISO 9001:2015-11 (D).

The production site in Fulda today covers around 6,500 m². Each month, IKAR GmbH manufactures approximately 13,000 Retractable Type Fall Arresters (SRLs) and exports them to over 50 countries worldwide – a production volume that underlines our status as the global market leader in this segment.

Yes to "Made in Germany"!

Alongside the development, design, and assembly of our Retractable Type Fall Arresters, a large part of our manufacturing takes place in-house – a cornerstone of our quality philosophy and a key to our lasting success.

In Fulda, we operate state-of-the-art departments such as precision machining, where high-accuracy components are produced using the latest manufacturing technologies. The required plastic components are also produced on site. In addition, we run our own textile manufacturing unit, where our harnesses, lanyards, and energy absorbers are made – all crafted with precision and care to meet the highest standards of safety and comfort.

To meet continuous growth and further expand our production capacities, we have enlarged our Fulda site with the new Plant 2, adding an additional 10,000 m² of production and storage space. This investment not only creates more room for efficient manufacturing processes but also strengthens our long-term competitiveness in Germany and beyond. It stands as a symbol of our ongoing commitment to innovation, quality, and the future of safety technology.

Another key component of our production network is our subsidiary, IKAR LMG Gusstechnik in Aue, which specializes in precision aluminum die casting. Recent investments include the addition of a new, state-of-the-art die-casting machine with integrated robotic technology – a decisive step in further increasing our manufacturing depth, automation, and technological leadership in the industry.

Note:

You can find further information on the company and its products on our website **www.ikar-gmbh.de**.

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Comfort and Safety.

IKAR Harnesses are known for universal and ergonomical construction which results in a functionality, robust and high quality standard.

Harnesses

Safety and comfort are not mutually exclusive

The suitability of the fall arrest harnesses to be used results from the requirements of the functions for the user's work area and the protection target specifications to be pursued from the specifications of the statutory occupational health and safety.

The IKAR fall arrest, restraint and rescue harnesses are therefore your ideal partner for the safety and health protection of your employees at many workplaces at any time.



Climbing with ergonomic aspects

The arrester eyelet, positioned in the abdominal belt, enables the user to apply the force required for climbing on ladders with fall arrest systems mainly from the legs. The suitability of the application must be described in the instructions for use of the climbing protection system.

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Safe Arrest and Fast Rescue

The rescue loop is tested for fall protection (A) and subsequent rescue. It is not necessary to transfer the fall arrest eyelet to the loop is not necessary in the event of an emergency.

Comfortable ergonomic load distribution

The back and leg pads, made of air-permeable material, stabilize the harness and serve as support for the seat function. This ensures fatigue-free sitting.



Quick Size adjustment

The size adjustment is set by pulling the end of the webbing. The adjustment can be easily increased by unfolding the locking element.

Distribution of loads with a minimum of perspiration

The padded back support has special ventilation channels and distributes the loads that occur during the individual functions over a large area over the relevant body region. This ensures fatigue-free work during positioning.

Rescue Harness IK RG 16

according to EN 1497:2007



Rescue Harness for fast evacuation of persons in case of emergencies in conjunction with EN 341 descent rescue devices

- D ring in the chest area
- Simple fitting due to flexible shoulder straps
- Side quick connect buckles for individual length adjustment of the rescue loop
- *NO fall protection function*

Order No.	Nominal Load	Weight
45-IK RG 16	100 kg	0,52 kg

Application:

Rescue, evacuation

Areas of use:

Industrial, cable cars, high-rise buildings

Size chart for harnesses



Types IK G 1, IK G 2, IK G 3, IK G 20, IK G 21, IK G 25

Sizes	S-M small boy	L-XL normal	XXL-XXXL big boy
A	90 - 104 cm	102 - 112 cm	102 - 114 cm
B	82 - 110 cm	90 - 130 cm	100 - 150 cm
C	43 - 61 cm	52 - 71 cm	61 - 81 cm
D	60 - 93 cm	60 - 103 cm	60 - 105 cm

Types IK G 4

Sizes	M-L normal	XL-XXL big boy
A	90 - 112 cm	102 - 124 cm
B	82 - 130 cm	100 - 150 cm
C	48 - 71 cm	61 - 81 cm
D	60 - 103 cm	60 - 105 cm

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Full Body Harness IK G 20 A

according to EN 361:2002



Order No.	Nominal Load	Weight
45-IK G 20 A	136 kg	0,95 kg

- D-Ring at the back (shoulder area)
- 2 front fall arrest attachment loops in the chest area
- Individually adjustable leg and shoulder straps
- Quick connect buckles make the harness easy to fit and remove

Application:

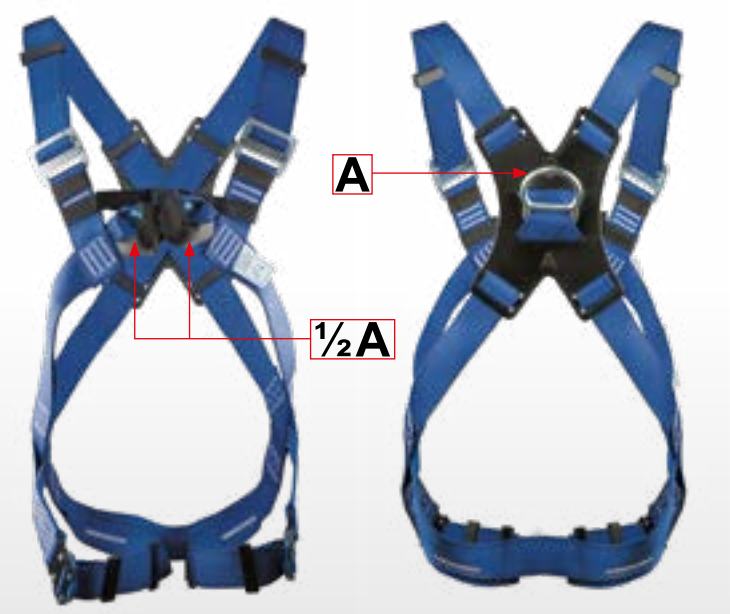
Fall restraint and fall arrest

Areas of use:

Industry, work on scaffolding, mobile elevating working plattforms

Full Body Harness IK G 20 B

according to EN 361:2002



Order No.	Nominal Load	Weight
45-IK G 20 B	136 kg	1,2 kg

- D-Ring at the back (shoulder area)
- 2 front fall arrest attachment loops in the chest area
- Individually adjustable leg and shoulder straps
- Quick release buckles make the harness easy to fit and take off

Application:

Fall restraint and fall arrest

Areas of use:

Industry, work on scaffolding, mobile elevating working plattforms

Full Body Harness IK G 21

according to EN 361:2002



Order No.	Nominal Load	Weight
45-IK G 21	136 kg	1,6 kg

- 2 front fall arrest attachment loops in the chest area
- D-Ring at the back (shoulder area)
- Individually adjustable leg and shoulder straps
- Integrated breathable back and leg pads
- Quick release buckles make the harness easy to fit and remove
- Breathable leg pads

Application:

Fall restraint and fall arrest, Rescue

Areas of use:

Industry, work on scaffolding

Full Body Harness IK G 25

according to EN 361:2002



Order No.	Nominal Load	Weight
45-IK G 25	136 kg	1,6 kg

- 2 front fall arrest attachment loops in the chest area
- D-Ring at the back (shoulder area)
- Individually adjustable leg and shoulder straps
- Integrated back and leg padding
- Quick release buckles make the harness easy to fit and remove
- Breathable leg pads

Application:

Fall restraint and fall arrest

Areas of use:

Industry, work on scaffolding

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Full Body Harness IK G 1 A

according to EN 361:2002



- D-Ring at the back (shoulder area)
- Individually adjustable leg and shoulder straps
- Quick connect buckles make the harness easy to fit and remove

Order No.	Nominal Load	Weight
45-IK G 1 A a	136 kg	1,1 kg

Application:

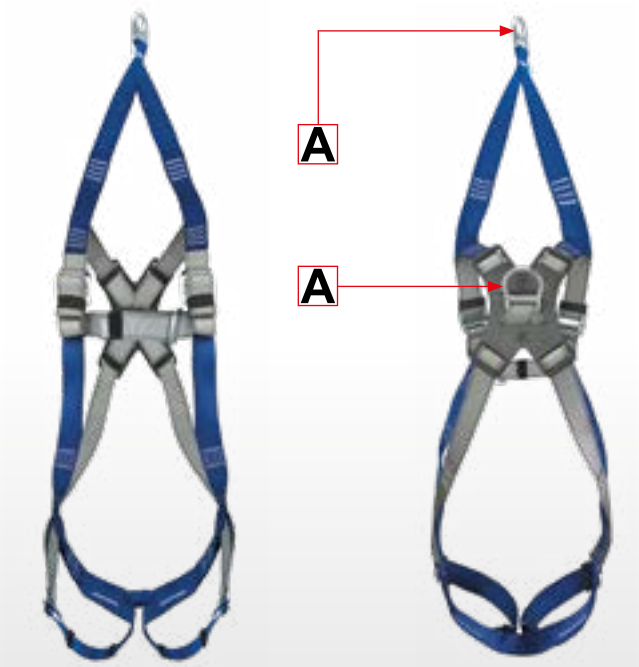
Fall restraint and fall arrest

Areas of use:

Industry, work on scaffolding

Full Body Harness IK G 1 A R

according to EN 361:2002; EN 1497:2007



- Rescue overhead attachment*
- D-Ring at the back (shoulder area)
- Individually adjustable leg and shoulder straps
- Quick connect buckles make the harness easy to fit and remove

Order No.	Nominal Load	Weight
45-IK G 1 A R a	136 kg	1,6 kg

Application:

Fall restraint, fall arrest with the additional feature of an overhead rescue attachment for confined space applications

Areas of use:

Industry, construction and utility environments

** A RTFA Type HRA may be attached to this point when used in the vertical application, provided that the lifeline is attached from directly above.*

Full Body Harness IK G 1 A W

according to EN 361:2002; EN 358:2018



- Rear dorsal fall arrest D-Ring
- Individual size adjustment by secured setting elements
- Padded back support with ventilation ducts
- 2 side D-Rings for work positioning
- Quick connect buckles make the harness easy to fit and remove
- 4 tool bag attachment points

Order No.	Nominal Load	Weight
45-IK G 1 A W	136 kg	1,7 kg

Application:

Fall restraint, work positioning and fall arrest

Areas of use:

Industry, work on scaffolding

Full Body Harness IK G 1 B

according to EN 361:2002



- Rear dorsal fall arrest D-Ring
- Individual size adjustment by secured setting elements
- Wide back plate for Fixation of the back D-Ring
- Quick release buckles make the harness easy to fit and remove

Order No.	Nominal Load	Weight
45-IK G 1 B a	136 kg	1,35 kg

Application:

Fall restraint and fall arrest

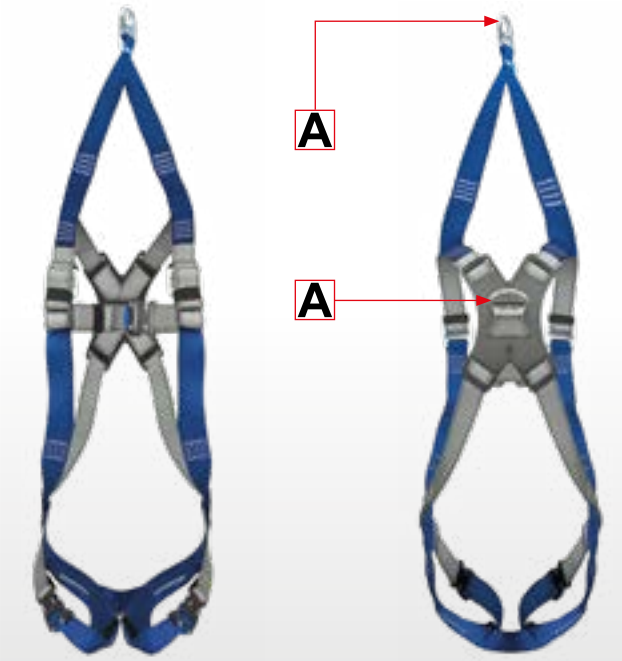
Areas of use:

Industry, construction and utility environments

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Full Body Harness IK G 1 B R

according to EN 361:2002; EN 1497:2007



- Rescue overhead attachment*
- Rear dorsal fall arrest D-Ring
- Individual size adjustment by secured setting elements
- Quick release buckles make the harness easy to fit and remove

Order No.	Nominal Load	Weight
45-IK G 1 B R a	136 kg	1,65 kg

Application:

Fall restraint and fall arrest

Areas of use:

Industry, confined spaces, utility environments

** A RTFA Type HRA may be attached to this point when used in the vertical application, provided that the lifeline is attached from directly above.*

Full Body Harness IK G 1 BX Flex

according to EN 361:2002



- Rear dorsal fall arrest D-Ring
- Individual size adjustment by Quick adjustment element in the strap on each side
- Breathable back padding
- Sub-pelvic and leg loops made of elasticated webbing material
- Quick release buckles make the harness easy to fit and remove
- Integrated lanyard parking loops

Order No.	Nominal Load	Weight
45-IK G 1 BX Flex	136 kg	1,6 kg

Application:

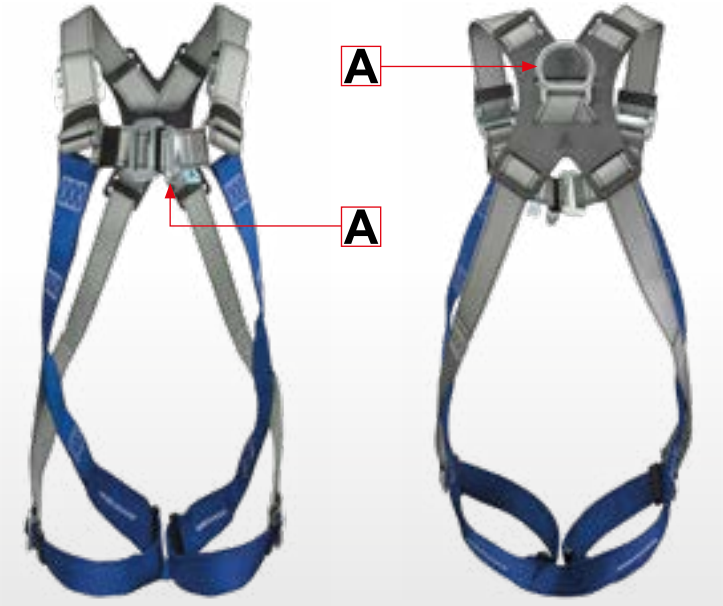
Fall restraint and fall arrest

Areas of use:

Industry, construction and utility environments

Full Body Harness IK G 2 A

according to EN 361:2002



- Rear dorsal fall arrest D-Ring
- Front sternum fall arrest D-Ring
- Individual size adjustment by safety adjustment components
- Quick connect buckles make the harness easy to fit and remove

Order No.	Nominal Load	Weight
45-IK G 2 A a	136 kg	1,35 kg

Application:

Fall restraint and fall arrest

Areas of use:

Industry, construction and utility environments

Full Body Harness IK G 2 A PAD

according to EN 361:2002



- Rear dorsal fall arrest D-Ring
- Front sternum fall arrest D-Ring
- Integrated back padding
- Individual size adjustment by secured setting elements
- Quick connect buckles make the harness easy to fit and remove

Order No.	Nominal Load	Weight
45-IK G 2 A PAD a	136 kg	1,6 kg

Application:

Fall arrest, fall restraint, rescue

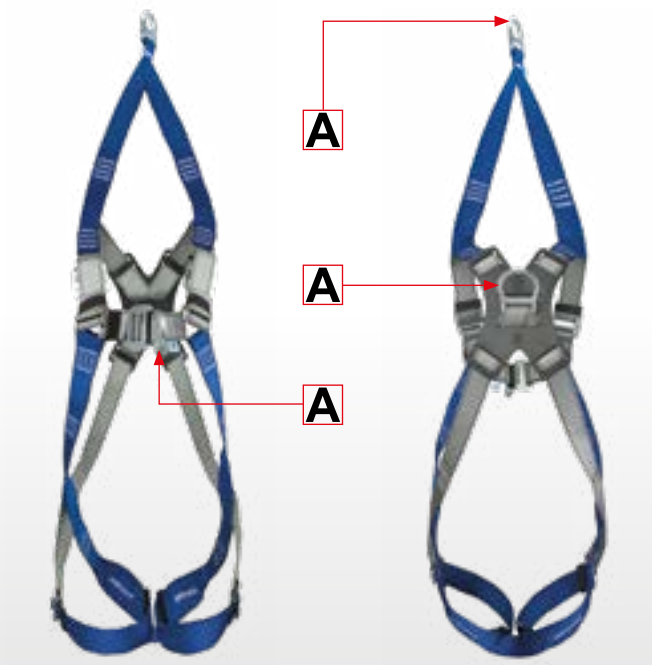
Areas of use:

Industry, work on scaffolding, construction and utility environments

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Full Body Harness IK G 2 A R

according to EN 361:2002; EN 1497:2007



- Rescue overhead attachment*
- Rear dorsal fall arrest D-Ring
- Front sternum fall arrest D-Ring
- Individually adjustable leg and shoulder straps
- Quick connect buckles make the harness easy to fit and remove

Order No.	Nominal Load	Weight
45-IK G 2 A R a	136 kg	1,5 kg

Application:

Fall arrest, fall restraint, rescue

Areas of use:

Industry, confined spaces

** A RTFA Type HRA may be attached to this point when used in the vertical application, provided that the lifeline is attached from directly above.*

Full Body Harness IK G 2 A W

according to EN 361:2002; EN 358:2018



- Rear dorsal fall arrest D-Ring
- Front sternum fall arrest D-Ring
- Padded back support with ventilation ducts
- 2 side D-Rings for work positioning
- Individual size adjustment by secured setting elements
- Quick connect buckles make the harness easy to fit and remove
- 4 tool bag eyes

Order No.	Nominal Load	Weight
45-IK G 2 A W	136 kg	1,6 kg

Application:

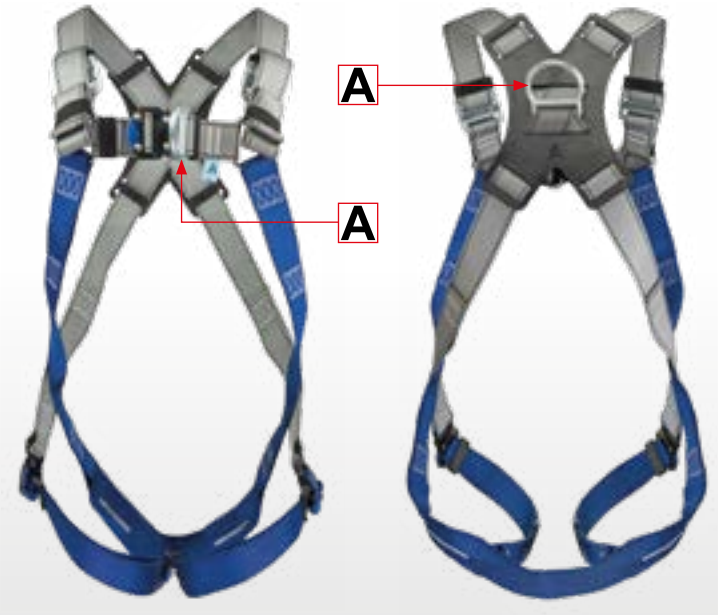
Fall Arrest, fall restraint, rescue, work positioning

Areas of use:

Industry, construction

Full Body Harness IK G 2 B

according to EN 361:2002



- Rear dorsal fall arrest D-Ring
- Front sternum fall arrest D-Ring
- Individual size adjustment by secured setting elements
- Quick release buckles make the harness easy to fit and remove

Order No.	Nominal Load	Weight
45-IK G 2 B a	136 kg	1,6 kg

Application:

Fall restraint and fall arrest

Areas of use:

Industry, scaffolding

Full Body Harness IK G 2 B Pad

according EN 361:2002



- Rear dorsal fall arrest D-Ring
- Front sternum fall arrest D-Ring
- Integrated back padding
- Individual size adjustment by secured setting elements
- Quick release buckles make the harness easy to fit and remove

Order No.	Nominal Load	Weight
45-IK G 2 B Pad	136 kg	1,7 kg

Application:

Fall Arrest, fall restraint, rescue

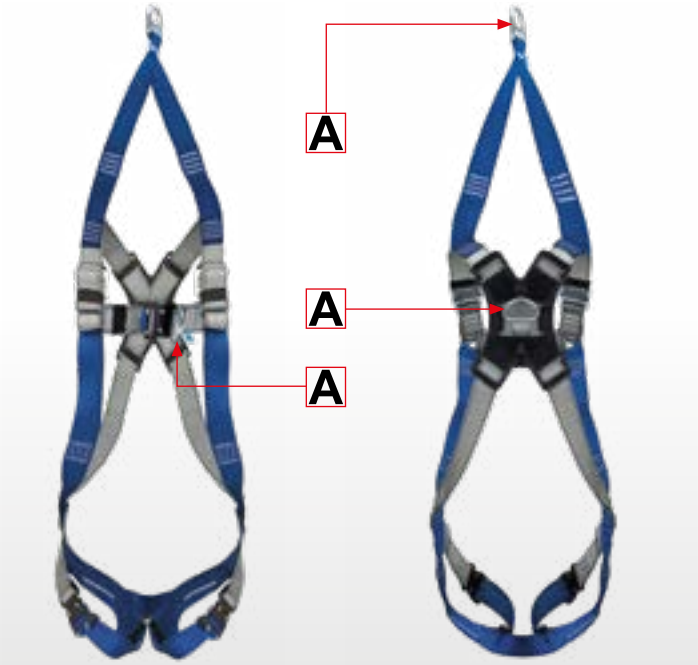
Areas of use:

Industry, construction

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Full Body Harness IK G 2 B R

according to EN 361:2002; EN 1497:2007



- Rescue overhead attachment*
- Rear dorsal fall arrest D-Ring
- Front sternum fall arrest D-Ring
- Individual size adjustment by secured setting elements
- Quick release buckles make the harness easy to fit and remove

Order No.	Nominal Load	Weight
45-IK G 2 B R a	136 kg	1,6 kg

Application:

Fall Arrest, fall restraint, rescue, work positioning

Areas of use:

Industry, scaffolding, confined spaces

** A RTFA Type HRA may be attached to this point when used in the vertical application, provided that the lifeline is attached from directly above.*

Full Body Harness IK G 2 B W

according EN 361:2002, EN 358:2018



- Rear dorsal fall arrest D-Ring
- Front sternum fall arrest D-Ring
- Padded back support with ventilation ducts
- 2 side D-Rings for work positioning
- Individual size adjustment by secured setting elements
- Quick release buckles make the harness easy to fit and remove
- 4 tool bag eyes

Order No.	Nominal Load	Weight
45-IK G 2 B W	136 kg	2,1 kg

Application:

Fall Arrest, fall restraint, rescue, work positioning

Areas of use:

Industry, construction

Full Body Harness IK G 2 C

according to EN 361:2002



Not available at the moment.

- Rear dorsal fall arrest D-Ring
- 2 front fall arrest attachment loops
- Individually adjustable leg and shoulder straps
- Quick release buckles make the harness easy to fit and remove

Order No.	Nominal Load	Weight
45-IK G 2 C	136 kg	1,5 kg

Application:

Fall restraint and fall arrest

Areas of use:

Industry, work on scaffolding

Full Body Harness IK G 2 BX Flex

according to EN 361:2002



- Rear dorsal fall arrest D-Ring
- Front sternum fall arrest D-Ring
- Individual size adjustment by Quick adjustment element
- Sub-pelvic and leg loops made of elasticated webbing material
- Integrated back padding
- Quick release buckles make the harness easy to fit and remove

Order No.	Nominal Load	Weight
45-IK G 2 BX Flex	136 kg	1,8 kg

Application:

Fall restraint and fall arrest

Areas of use:

Industry, work on scaffolding

Full Body Harness IK G 2 DXF Flex

according to EN 361:2002



- Rear dorsal fall arrest D-Ring
- Front sternum fall arrest D-Ring
- Individually adjustable leg and shoulder straps
- Chest strap for stability
- Sub-pelvic and leg loops made of elasticated webbing material
- Quick release buckles make the harness easy to fit and remove

Order No.	Nominal Load	Weight
45-IK G 2 DXF Flex	136 kg	1,7 kg

Application:

Fall arrest, fall restraint, rescue, work positioning

Areas of use:

Industry, scaffolding

Full Body Harness IK G 2 DXFP Flex

according to EN 361:2002; EN 358:2018



- Rear dorsal fall arrest D-Ring
- Front sternum fall arrest D-Ring
- Individually adjustable leg and shoulder straps
- Chest strap for stability
- Integrated back padding
- Sub-pelvic and leg loops made of elasticated webbing material
- Quick release buckles make the harness easy to fit and remove

Order No.	Nominal Load	Weight
45-IK G 2 DXFP Flex	136 kg	1,7 kg

Application:

Fall arrest, fall restraint, rescue, work positioning

Areas of use:

Industry, scaffolding

High visibility vest with integral Full Body Harness IKWA

according to EN 361:2002

especially for suitable IKAR harnesses









- Special, high-quality warning jacket with fluorescent strip, robust and easy-care textile with high isolation and wearing comfort
- Inner vest for harness assembly with harness fixation, suitable for quick assembly and disassembly with IKAR harness systems suitable for easy fit and remove of an IKAR two-point fall arrest harness, not suitable for IKAR harnesses with waistbelt
- Feed-through slots can be closed in a weather-proof manner
- Sewn-in hooded pocket in the inner upper back area for the rescue loop
- Available in 3 sizes S-M, L-XL, XXL
- Weights 820 g, 860 g, 900 g, depending on size
- Nominal load: 136 kg

Application:

Fall arrest, fall restraint, rescue, work positioning

Areas of use:

Industry, construction and utility environments

Harness + Jacket	Size	Order No.
IK G20 As	S-M	45-IKWA G 20 A s
IK G20 A	L-XL	45-IKWA G 20 A
IK G20 A BB	XXL	45-IKWA G 20 A BB
IK G20 Bs	S-M	45-IKWA G 20 B s
IK G20 B	L-XL	45-IKWA G 20 B
IK G20 B BB	XXL	45-IKWA G 20 B BB
IK G1 A	L-XL	45-IKWA G 1 A a
IK G1 A BB	XXL	45-IKWA G 1 A BB
IK G1 Bs	S-M	45-IKWA G 1 B as
IK G1 B	L-XL	45-IKWA G 1 B a
IK G1 B BB	XXL	45-IKWA G 1 B aBB
IK G1 BRs	S-M	45-IKWA G 1 B Rs
IK G1 BR	L-XL	45-IKWA G 1 B R a

Harness + Jacket	Size	Order No.
IK G1 BR BB	XXL	45-IKWA G 1 B R aBB
IK G2 As	S-M	45-IKWA G 2 A as
IK G2 A	L-XL	45-IKWA G 2 A
IK G2 Bs	S-M	45-IKWA G 2 B as
IK G2 B	L-XL	45-IKWA G 2 B a
IK G2 B BB	XXL	45-IKWA G 2 B aBB
IK G2 ARs	S-M	45-IKWA G 2 AR as
IK G2 AR	L-XL	45-IKWA G 2 AR
IK G2 AR BB	XXL	45-IKWA G 2 AR BB
IK G2 BRs	S-M	45-IKWA G 2 B R as
IK G2 BR	L-XL	45-IKWA G 2 B R a
IK G2 BR BB	XXL	45-IKWA G 2 B R aBB
IK G2 C	L-XL	45-IKWA G 2 C a

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Full Body Harness IK G 3 B W

according to EN 361:2002; EN 358:2018





Order No.	Nominal Load	Weight
45-IK G 3 B W	136 kg	2,0 kg

- Rear dorsal fall arrest D-Ring
- Padded back support with ventilation ducts
- 2 side D-Rings for work positioning
- Individually adjustable leg and shoulder straps
- Quick release buckles make the harness easy to fit and remove
- 4 tool bag eyes

Application:

Fall restraint, work positioning and fall arrest

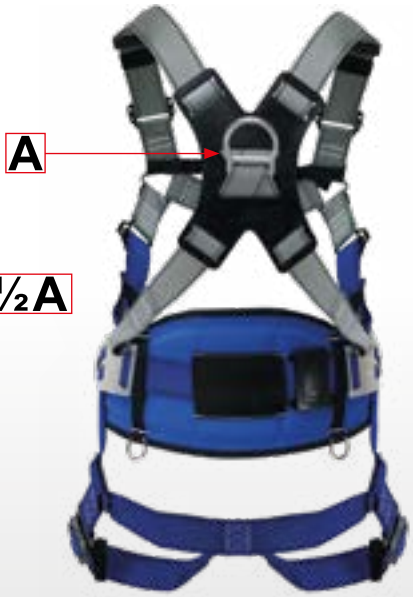
Areas of use:

Industry, work on scaffolding, construction and utility environments

Full Body Harness IK G 3 B C W

according to EN 361:2002; EN 358:2018





Order No.	Nominal Load	Weight
45-IK G 3 B C W	136 kg	2,1 kg

- Rear dorsal fall arrest D-Ring
- 2 front fall arrest attachment loops
- Padded back support with ventilation ducts
- 2 side D-Rings for work positioning
- Individually adjustable leg and shoulder straps
- Quick release buckles make the harness easy to fit and remove
- 4 tool bag eyes

Application:

Fall restraint, abseiling, work positioning and fall arrest

Areas of use:

Industry, work on scaffolding, construction and utility environments

Full Body- and Sit Harness IK G 4 DW

according to EN 361:2002; EN 358:2018; EN 813:2008 *developed for IKAR Personnel and Load Winch*



Order No.	Nominal Load	Weight
45-IK G 4 DW	136 kg	3,0 kg

- 1 D-Ring in the chest area
- 1 D-Ring in the back (shoulder)
- Individual size adjustment via leg and shoulder straps
- Padded back support with ventilation ducts
- Integrated waistbelt with 2 D-Rings for work positioning
- Aluminium quick release buckles
- 4 tool bag eyes
- Leg padding

Application:

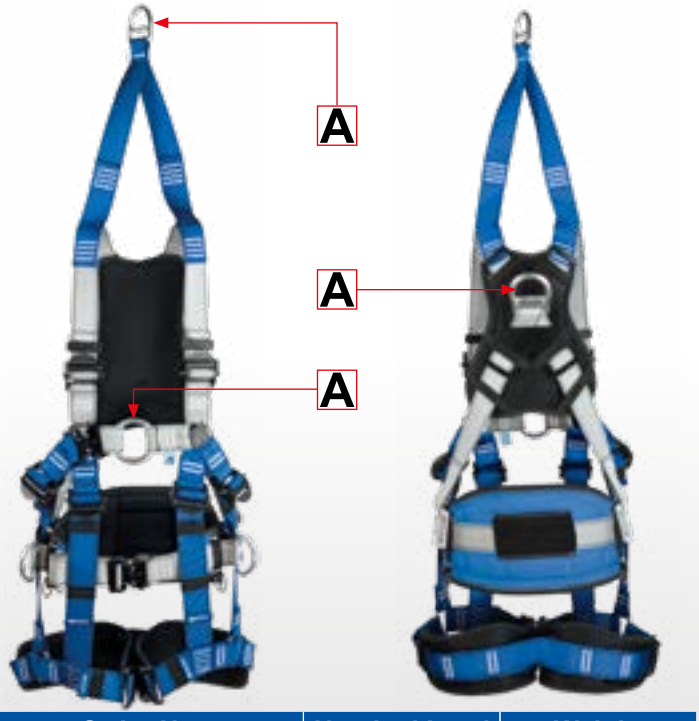
Fall arrest, fall restraint, rescue, work positioning

Areas of use:

Industry, construction, confined spaces, utility environments, scaffolding

Full Body- / Sit- and Rescue Harness IK G 4 DW R

according to EN 361:2002; EN 358:2018; EN 813:2008; EN 1497:2007 *for IKAR Personnel and Load Winch*



Order No.	Nominal Load	Weight
45-IK G 4 DW R	136 kg	3,0 kg

- 1 D-Ring in the chest area
- 1 D-Ring in the back (shoulder)
- 1 rescue and recovery loop with aluminum D-Ring*
- Individual size adjustment via leg and shoulder straps
- Padded back support with ventilation ducts
- Integrated waistbelt with 2 D-Rings for work positioning
- Aluminium quick release buckles
- 4 tool bag eyes and leg padding

Application:

Fall arrest, fall restraint, rescue, work positioning

Areas of use:

Industry, construction, confined spaces, utility environments, scaffolding

** A RTFA Type HRA may be attached to this point when used in the vertical application, provided that the lifeline is attached from directly above.*

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Full Body- and Sit Harness IK G 4 DW S

according to EN 361:2002; EN 358:2018; EN 813:2008 *developed for IKAR Personnel and Load Winch*



Order No.	Nominal Load	Weight
45-IK G 4 DW S	136 kg	3,0 kg

- 1 D-Ring in the chest area
- 1 D-Ring in the back (shoulder)
- Individual size adjustment via leg and shoulder straps
- D-Ring in the front for ascending
- padded back support with ventilation ducts
- Integrated waistbelt with 2 D-Rings for work positioning
- Aluminium quick release buckles
- 4 tool bag eyes and leg padding

Application:

Fall arrest, fall restraint, rescue, work positioning

Areas of use:

Industry, construction, confined spaces, utility environments, scaffolding

Full Body- / Sit- and Rescue Harness IK G 4 DW RS

according to EN 361:2002; EN 358:2018; EN 813:2008; EN 1497:2007 *for IKAR Personnel and Load Winch*



Order No.	Nominal Load	Weight
45-IK G 4 DW RS	136 kg	3,0 kg

- 1 D-Ring in the chest area
- 1 D-Ring in the back (shoulder)
- 1 rescue and recovery loop with aluminum D-Ring*
- Individual size adjustment via leg and shoulder straps
- D-Ring in the front for ascending
- Padded back support with ventilation ducts
- Integrated waistbelt with 2 D-Rings for work positioning
- Aluminium quick release buckles
- 4 tool bag eyes and leg padding

Application:

Fall arrest, fall restraint, rescue, work positioning

Areas of use:

Industry, construction, confined spaces, utility environments, scaffolding

** A RTFA Type HRA may be attached to this point when used in the vertical application, provided that the lifeline is attached from directly above.*

IKAR Shoulder Pads

in conjunction to IKAR harness systems



Shoulder Pad:
The IKAR shoulder pad is a comfort component for IKAR harnesses. Due to the modern and highquality materials used it is dimensionally stable, particularly light and air-permeable. It provides pressure relief on the shoulders especially when using IKAR RTFA with Twin Adapter.

Order No.	Product	Weight	Dimensions *(mm)*
45-IK Pad Schulter		0,02 kg	180 x 80 x 8

IKAR Leg Pads

in conjunction to IKAR harness systems



Leg Pads:
The ergonomically ideal shaped leg pad follows the movement line at the transition of the legs to the buttocks. This ensures that the freedom of movement of the joint is not restricted, and in the event of a fall or hanging in the harness, optimal load distribution is ensured.

Order No.	Product	Weight	Dimensions *(mm)*
45-PadBein	Leg Pads	0,04 kg	45 x 60 (110) x 8

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Work Positioning Seat

for support with IKAR harnesses



- Light, compact and comfortable due to the easy-care and robust pole with internal aluminium support plate
- Can be attached via the (D-Ring) IKV 37 (available separately)
- Straps of 45 mm wide webbing made of polyester
- From individually adjustment via optimal ergonomic seating
- Additionally equipped with material and tool eyelets

Application:

Work positioning, person transport

Application:

IKAR HPL-Systems

Order No.	Capacity Load	Weight	Dimensions *(mm)*
45-IK SB	136 kg	2 kg	approx. 600 x 190 x 140

Trauma Step

Useful addition for harness systems to prevent suspension trauma

- Adjustable length
- Ensures the relief of the strains and promotes so the blood circulation in the legs
- Easy attachment to the harness
- Simple and fast zipper style
- Loop construction with 1.2 m max. length
- Sold in pairs



Order No.	Capacity Load	Weight	Dimensions *(mm)*	Strap *(mm)*
45-IK TS	140 kg	53 g	Ø 65 x 40	19 x 200

Waistbelt IK WBB

according to EN 358:2018



- 45 mm wide polyamide webbing with quick release buckle
- Wide backrest with ventilation ducts
- 2 side D-Rings (45 mm)
- 4 tool bag eyes

Variants Waistbelts:

Waistbelt IK WBB:
- Waistbelt, without rope

Waistbelt IK WBB 100:
- Waistbelt, with Ø 11 mm kernmantle rope
- Lanyard length 1,00 m
- Steel double action hook IKV 06

Waistbelt IK WBB 150 A6:
- Waistbelt, with Ø 11 mm kernmantle rope
- Lanyard length 1,50 m, adjustable in length
- Steel double action hook IKV 06

Order No.	Variant	Weight
45-IK WBB	without rope	0,70 kg
45-IK WBB K 100 6	with rope	1,10 kg
45-IK WBB K 150 A6	with rope, adjustable in length	1,15 kg

Waistbelt IK WRB B 150 A13

according to EN 358:2018



- 45 mm wide polyamide webbing with quick release buckle
- Narrow, air-permeable back support
- Lateral retaining eyelet

Order No.	Weight
45-IK WRB B 150 A13	1,1 kg

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Connections without restrictions.

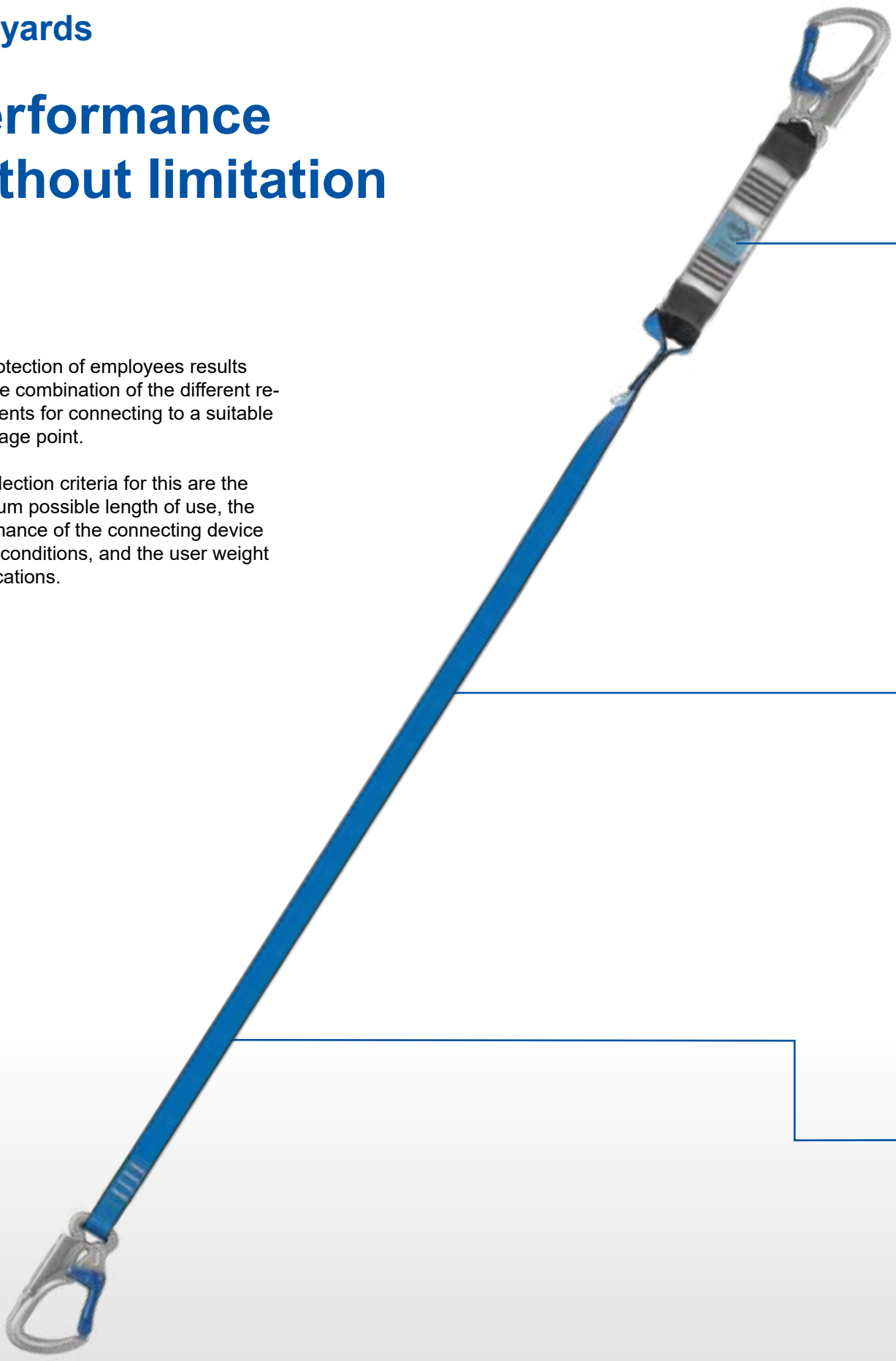
Whether in restraint systems without energy absorbers or in fall arrest systems with energy absorbers: The robust quality of IKAR lanyards is the safe and economical link in your personal fall protection systems.

Lanyards

Performance without limitation

The protection of employees results from the combination of the different requirements for connecting to a suitable anchorage point.

The selection criteria for this are the maximum possible length of use, the performance of the connecting device in cold conditions, and the user weight specifications.



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Performance at a wide range of application

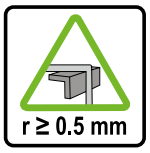
The energy absorber is designed for a user weight of 65-136 kg.

The system can be used from -30 °C to +50 °C.

Maximum arresting force under 6 kN

Universal use

IKAR Energy Absorbing Lanyards have been certified in a simulated fall trial over an edge.



Fall protection without restriction

A total length of the system of up to 2 m is possible without restriction the maximum allowed fall distance.

Webbing Lanyard according to EN 354:2010

- Made from 25 mm polyester webbing
- Variants connecting elements at each end of the lanyard:
  - Aluminium IKV 11 *(gate opening 25 mm)*
  - Steel IKV 06 *(gate opening 18 mm)*



IKV 06 IKV 11 IKV 06 IKV 11

Length	Order No. *(IKV 06)*	Order No. *(IKV 11)*
1,00 m	45-IK6 B 100 6	45-IK2 B 100 2
1,50 m	45-IK6 B 150 6	45-IK2 B 150 2
1,75 m	45-IK6 B 175 6	45-IK2 B 175 2
2,00 m	45-IK6 B 200 6	45-IK2 B 200 2

Application:
Restraint, work positioning

Areas of use:
Industry, Utiliy, Construction

Adjustable Webbing Lanyard according to EN 358:2018

- Made from 25 mm polyester webbing

Variant 1:

- Variants connecting elements at each end of the lanyard:
  - Aluminium IKV 11 *(gate opening 25 mm)*
  - Steel IKV 06 *(gate opening 18 mm)*



IKV 06 IKV 11 IKV 06 IKV 11

Length	Order No. *(IKV 06)*	Order No. *(IKV 11)*
1,00 m	45-IK6 B 100 A6	45-IK2 B 100 A2
1,50 m	45-IK6 B 150 A6	45-IK2 B 150 A2
1,75 m	45-IK6 B 175 A6	45-IK2 B 175 A2
2,00 m	45-IK6 B 200 A6	45-IK2 B 200 A2

Application:
Restraint, work positioning

Areas of use:
Industry, Utiliy, Construction

Variant 2:

- Variants connecting elements at one end of the lanyard:
  - Aluminium IKV 11 *(gate opening 25 mm)*
  - Steel IKV 06 *(gate opening 18 mm)*
- Large double action hook IKV 55 *(gate opening 61 mm)*



IKV 06 IKV 11

Length	Order No. *(IKV 06)*	Order No. *(IKV 11)*
1,00 m	45-IK6 B 100 A3	45-IK2 B 100 A3
1,50 m	45-IK6 B 150 A3	45-IK2 B 150 A3
1,75 m	45-IK6 B 175 A3	45-IK2 B 175 A3
2,00 m	45-IK6 B 200 A3	45-IK2 B 200 A3

Application:
Restraint, work positioning

Areas of use:
Industry, Utiliy, Construction

Kernmantle Rope Lanyard according to EN 354:2010

- Made from Ø 11 mm kernmantle rope
- Variants connecting elements at each end of the lanyard:
  - Aluminium IKV 11 *(gate opening 25 mm)*
  - Steel IKV 06 *(gate opening 18 mm)*



IKV 06 IKV 11 IKV 06 IKV 11

Length	Order No. *(IKV 06)*	Order No. *(IKV 11)*
1,00 m	45-IK6 K 100 6	45-IK2 K 100 2
1,50 m	45-IK6 K 150 6	45-IK2 K 150 2
1,75 m	45-IK6 K 175 6	45-IK2 K 175 2
2,00 m	45-IK6 K 200 6	45-IK2 K 200 2

Application:
Restraint, work positioning

Areas of use:
Industry, Utiliy, Construction

Adjustable Kernmantle Rope Lanyard according to EN 358:2018

- Made from Ø 11 mm kernmantle rope

Variant 1:

- Variants connecting elements at each end of the lanyard:
  - Aluminium IKV 11 *(gate opening 25 mm)*
  - Steel IKV 06 *(gate opening 18 mm)*



IKV 06 IKV 11 IKV 06 IKV 11

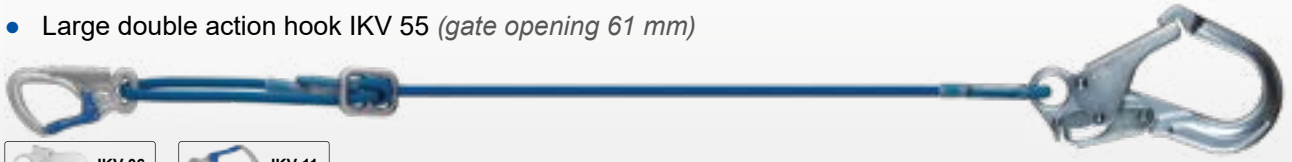
Length	Order No. *(IKV 06)*	Order No. *(IKV 11)*
1,00 m	45-IK6 K 100 A6	45-IK2 K 100 A2
1,50 m	45-IK6 K 150 A6	45-IK2 K 150 A2
1,75 m	45-IK6 K 175 A6	45-IK2 K 175 A2
2,00 m	45-IK6 K 200 A6	45-IK2 K 200 A2

Application:
Restraint, work positioning

Areas of use:
Industry, Utiliy, Construction

Variant 2:

- Variants connecting elements at one end of the lanyard:
  - Aluminium IKV 11 *(gate opening 25 mm)*
  - Steel IKV 06 *(gate opening 18 mm)*
- Large double action hook IKV 55 *(gate opening 61 mm)*



IKV 06 IKV 11

Length	Order No. *(IKV 06)*	Order No. *(IKV 11)*
1,00 m	45-IK6 K 100 A3	45-IK2 K 100 A3
1,50 m	45-IK6 K 150 A3	45-IK2 K 150 A3
1,75 m	45-IK6 K 175 A3	45-IK2 K 175 A3
2,00 m	45-IK6 K 200 A3	45-IK2 K 200 A3

Application:
Restraint, work positioning

Areas of use:
Industry, Utiliy, Construction

Webbing Energy Absorbing Lanyard

according to EN 354:2010; EN 355:2002

- Energy absorbing element with 25 mm webbing lanyard
- Nominal load 65 - 136 kg
- Can be used up to -30° C
- Connector variants at webbing end or Energy Absorber:
  - Aluminium IKV 11 *(gate opening 25 mm)*
  - Steel IKV 06 *(gate opening 18 mm)*



IKV 06
IKV 11

IKV 06
IKV 11

Length	Order No. *(IKV 06)*	Order No. *(IKV 11)*
1,00 m	45-IK6 FB 100 6	45-IK2 FB 100 2
1,50 m	45-IK6 FB 150 6	45-IK2 FB 150 2
1,75 m	45-IK6 FB 175 6	45-IK2 FB 175 2
2,00 m	45-IK6 FB 200 6	45-IK2 FB 200 2

Application:

For use in fall arrest systems

Areas of use:

Industry, scaffolding

r ≥ 0,5 mm

Webbing Energy Absorbing Lanyard

according to EN 354:2010; EN 355:2002

- Energy absorbing element with 25 mm webbing lanyard
- Nominal load 65 - 136 kg
- Can be used up to -30° C
- Large double action hook IKV 55 *(gate opening 61 mm)*
- Connector variants at Energy Absorber:
  - Aluminium IKV 11 *(gate opening 25 mm)*
  - Steel IKV 06 *(gate opening 18 mm)*



IKV 06
IKV 11

Length	Order No. *(IKV 06)*	Order No. *(IKV 11)*
1,00 m	45-IK6 FB 100 3	45-IK2 FB 100 3
1,50 m	45-IK6 FB 150 3	45-IK2 FB 150 3
1,75 m	45-IK6 FB 175 3	45-IK2 FB 175 3
2,00 m	45-IK6 FB 200 3	45-IK2 FB 200 3

Application:

For use in fall arrest systems

Areas of use:

Industry, scaffolding

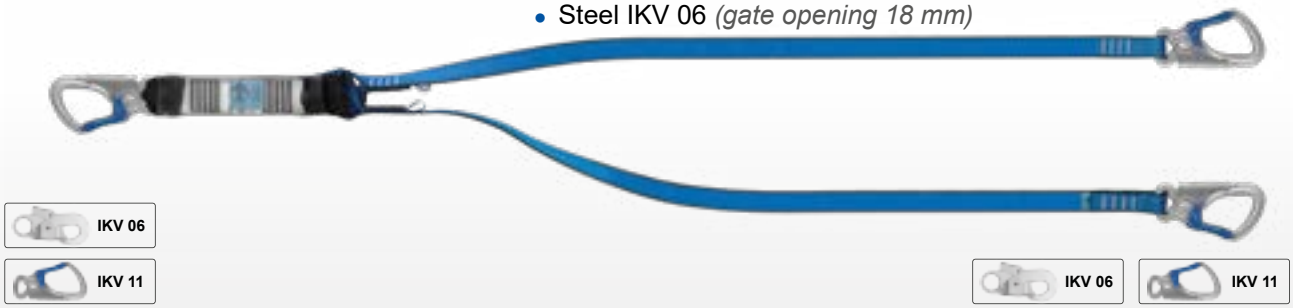
r ≥ 0,5 mm

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Webbing Energy Absorbing Y Lanyard

according to EN 354:2010; EN 355:2002

- Energy absorbing element with 25 mm webbing lanyard, Y-Version
- Nominal load 65 - 136 kg
- Can be used up to -30° C
- Connector variants at webbing end or Energy Absorber:
  - Aluminium IKV 11 *(gate opening 25 mm)*
  - Steel IKV 06 *(gate opening 18 mm)*



Length	Order No. *(IKV 06)*	Order No. *(IKV 11)*
1,00 m	45-IK6 FB 100 Y6	45-IK2 FB 100 Y2
1,50 m	45-IK6 FB 150 Y6	45-IK2 FB 150 Y2
1,75 m	45-IK6 FB 175 Y6	45-IK2 FB 175 Y2
2,00 m	45-IK6 FB 200 Y6	45-IK2 FB 200 Y2

Application:
For use in fall arrest systems

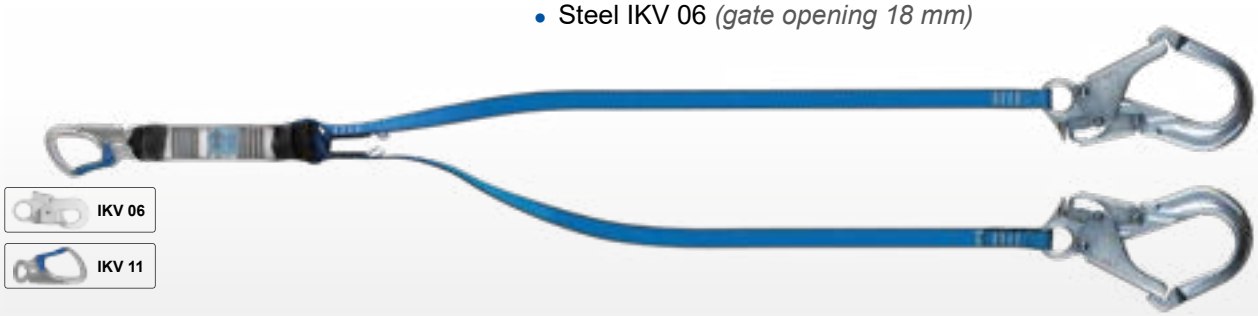
Areas of use:
Industry, scaffolding



Webbing Energy Absorbing Y Lanyard

according to EN 354:2010; EN 355:2002

- Energy absorbing element with 25 mm webbing lanyard, Y-Version
- Nominal load 65 - 136 kg
- Can be used up to -30° C
- Large double action hook IKV 55 *(gate opening 61 mm)*
- Connector variants at Energy Absorber:
  - Aluminium IKV 11 *(gate opening 25 mm)*
  - Steel IKV 06 *(gate opening 18 mm)*



Length	Order No. *(IKV 06)*	Order No. *(IKV 11)*
1,00 m	45-IK6 FB 100 Y3	45-IK2 FB 100 Y3
1,50 m	45-IK6 FB 150 Y3	45-IK2 FB 150 Y3
1,75 m	45-IK6 FB 175 Y3	45-IK2 FB 175 Y3
2,00 m	45-IK6 FB 200 Y3	45-IK2 FB 200 Y3

Application:
For use in fall arrest systems

Areas of use:
Industry, scaffolding



Kernmantle Rope
Energy Absorbing Lanyard

according to EN 354:2010; EN 355:2002

- Energy absorbing element with Ø 11 mm rope lanyard
- Nominal load 65 - 136 kg
- Can be used up to -30° C
- Connector variants at rope and Energy Absorber:
  - Aluminium IKV 11 *(gate opening 25 mm)*
  - Steel IKV 06 *(gate opening 18 mm)*



IKV 06
IKV 11

IKV 06
IKV 11

Length	Order No. *(IKV 06)*	Order No. *(IKV 11)*
1,00 m	45-IK6 FK 100 6	45-IK2 FK 100 2
1,50 m	45-IK6 FK 150 6	45-IK2 FK 150 2
1,75 m	45-IK6 FK 175 6	45-IK2 FK 175 2
2,00 m	45-IK6 FK 200 6	45-IK2 FK 200 2

Application:

For use in fall arrest systems

Areas of use:

Industry, scaffolding

r ≥ 0,5 mm

Kernmantle Rope
Energy Absorbing Lanyard

according to EN 354:2010; EN 355:2002

- Energy absorbing element with Ø 11 mm rope lanyard
- Nominal load 65 - 136 kg
- Can be used up to -30° C
- Large double action hook IKV 55 *(gate opening 61 mm)*
- Connector variants at Energy Absorber:
  - Aluminium IKV 11 *(gate opening 25 mm)*
  - Steel IKV 06 *(gate opening 18 mm)*



IKV 06
IKV 11

Length	Order No. *(IKV 06)*	Order No. *(IKV 11)*
1,00 m	45-IK6 FK 100 3	45-IK2 FK 100 3
1,50 m	45-IK6 FK 150 3	45-IK2 FK 150 3
1,75 m	45-IK6 FK 175 3	45-IK2 FK 175 3
2,00 m	45-IK6 FK 200 3	45-IK2 FK 200 3

Application:

For use in fall arrest systems

Areas of use:

Industry, scaffolding

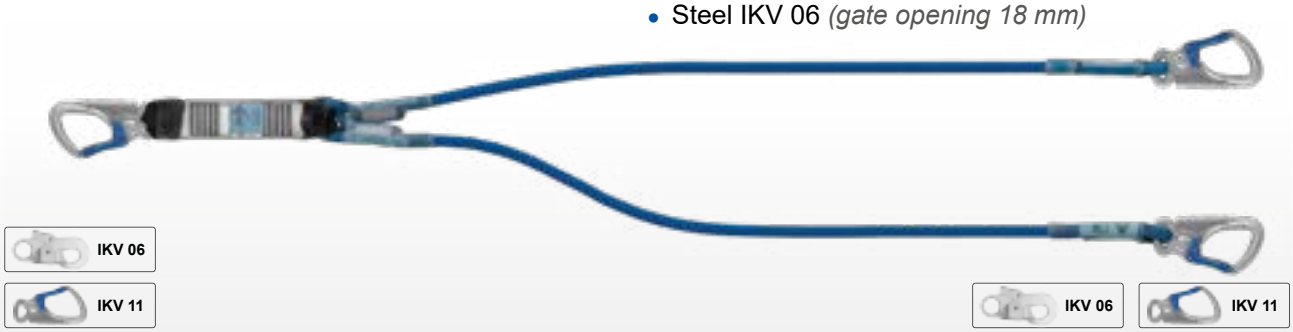
r ≥ 0,5 mm

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Kernmantle Rope
Energy Absorbing Y Lanyard

according to EN 354:2010; EN 355:2002

- Energy absorbing element with Ø 11 mm rope lanyard, Y-Version
- Nominal load 65 - 136 kg
- Can be used up to -30° C
- Connector variants at rope and Energy Absorber:
  - Aluminium IKV 11 *(gate opening 25 mm)*
  - Steel IKV 06 *(gate opening 18 mm)*



Length	Order No. *(IKV 06)*	Order No. *(IKV 11)*
1,00 m	45-IK6 FK 100 Y6	45-IK2 FK 100 Y2
1,50 m	45-IK6 FK 150 Y6	45-IK2 FK 150 Y2
1,75 m	45-IK6 FK 175 Y6	45-IK2 FK 175 Y2
2,00 m	45-IK6 FK 200 Y6	45-IK2 FK 200 Y2

Application:
For use in fall arrest systems

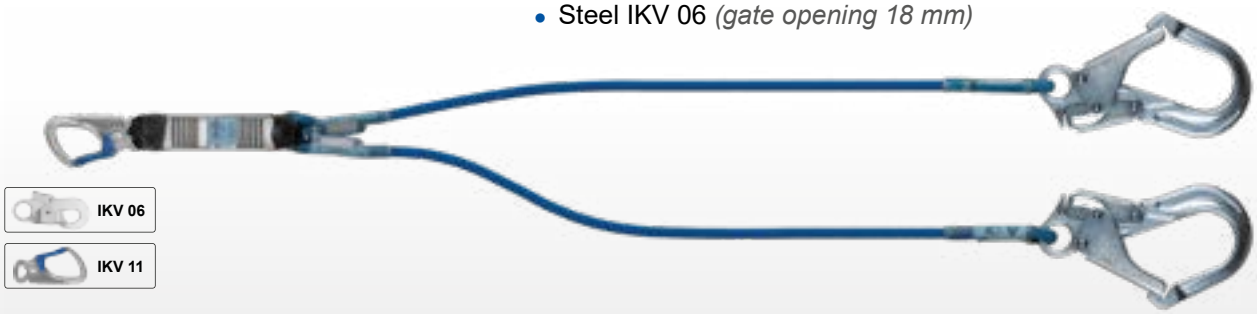
Areas of use:
Industry, scaffolding



Kernmantle Rope
Energy Absorbing Y Lanyard

according to EN 354:2010; EN 355:2002

- Energy absorbing element with Ø 11 mm rope lanyard, Y-Version
- Nominal load 65 - 136 kg
- Can be used up to -30° C
- Large double action hook IKV 55 *(gate opening 61 mm)*
- Connector variants at Energy Absorber:
  - Aluminium IKV 11 *(gate opening 25 mm)*
  - Steel IKV 06 *(gate opening 18 mm)*



Length	Order No. *(IKV 06)*	Order No. *(IKV 11)*
1,00 m	45-IK6 FK 100 Y3	45-IK2 FK 100 Y3
1,50 m	45-IK6 FK 150 Y3	45-IK2 FK 150 Y3
1,75 m	45-IK6 FK 175 Y3	45-IK2 FK 175 Y3
2,00 m	45-IK6 FK 200 Y3	45-IK2 FK 200 Y3

Application:
For use in fall arrest systems

Areas of use:
Industry, scaffolding



Steel Cable
Energy Absorbing Lanyard

according to EN 354:2010; EN 355:2002

- Energy absorbing element with Ø 4.8 mm galvanised steel cable
- Nominal load 65 - 136 kg
- Can be used up to -30° C
- Connector variants at rope and Energy Absorber:
  - Aluminium IKV 11 *(gate opening 25 mm)*
  - Steel IKV 06 *(gate opening 18 mm)*



IKV 06
IKV 11

IKV 06
IKV 11

Length	Order No. *(IKV 06)*	Order No. *(IKV 11)*
1,00 m	45-IK6 FS 100 6	45-IK2 FS 100 2
1,50 m	45-IK6 FS 150 6	45-IK2 FS 150 2
1,75 m	45-IK6 FS 175 6	45-IK2 FS 175 2
2,00 m	45-IK6 FS 200 6	45-IK2 FS 200 2

Application:

For use in fall arrest systems

Areas of use:

Industry, scaffolding, corrosion protection

r ≥ 0,5 mm

Steel Cable
Energy Absorbing Lanyard

according to EN 354:2010; EN 355:2002

- Energy absorbing element with Ø 4.8 mm galvanised steel cable
- Nominal load 65 - 136 kg
- Can be used up to -30° C
- Large double action hook IKV 55 *(gate opening 61 mm)*
- Connector variants at Energy Absorber:
  - Aluminium IKV 11 *(gate opening 25 mm)*
  - Steel IKV 06 *(gate opening 18 mm)*



IKV 06
IKV 11

Length	Order No. *(IKV 06)*	Order No. *(IKV 11)*
1,00 m	45-IK6 FS 100 3	45-IK2 FS 100 3
1,50 m	45-IK6 FS 150 3	45-IK2 FS 150 3
1,75 m	45-IK6 FS 175 3	45-IK2 FS 175 3
2,00 m	45-IK6 FS 200 3	45-IK2 FS 200 3

Application:

For use in fall arrest systems

Areas of use:

Industry, scaffolding, corrosion protection

r ≥ 0,5 mm

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Steel Cable
Energy Absorbing Y Lanyard

according to EN 354:2010; EN 355:2002

- Energy absorbing element with Ø 4.8 mm galvanised steel cable. Y-Version
- Nominal load 65 - 136 kg
- Can be used up to -30° C
- Connector variants at rope and Energy Absorber:
  - Aluminium IKV 11 *(gate opening 25 mm)*
  - Steel IKV 06 *(gate opening 18 mm)*



IKV 06

IKV 11

IKV 06

IKV 11

Length	Order No. *(IKV 06)*	Order No. *(IKV 11)*
1,00 m	45-IK6 FS 100 Y6	45-IK2 FS 100 Y2
1,50 m	45-IK6 FS 150 Y6	45-IK2 FS 150 Y2
1,75 m	45-IK6 FS 175 Y6	45-IK2 FS 175 Y2
2,00 m	45-IK6 FS 200 Y6	45-IK2 FS 200 Y2

Application:

For use in fall arrest systems

Areas of use:

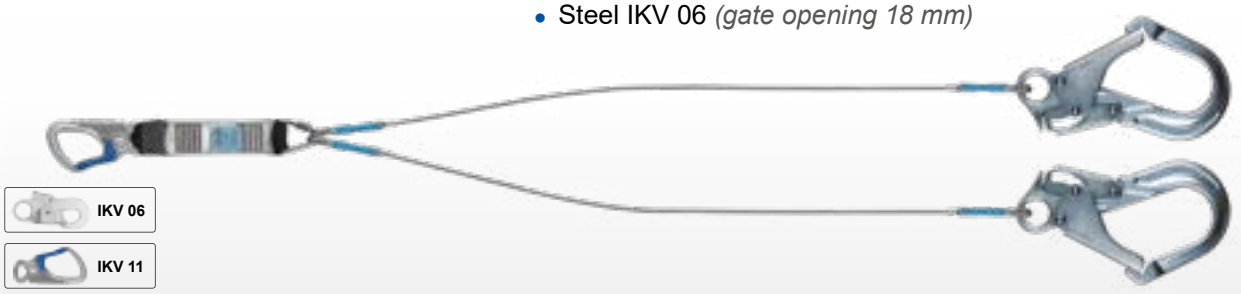
Industry, scaffolding, corrosion protection

r ≥ 0,5 mm

Steel Cable
Energy Absorbing Y Lanyard

according to EN 354:2010; EN 355:2002

- Energy absorbing element with Ø 4.8 mm galvanised steel cable. Y-Version
- Nominal load 65 - 136 kg
- Can be used up to -30° C
- Large double action hook IKV 55 *(gate opening 61 mm)*
- Connector variants at Energy Absorber:
  - Aluminium IKV 11 *(gate opening 25 mm)*
  - Steel IKV 06 *(gate opening 18 mm)*



IKV 06

IKV 11

Length	Order No. *(IKV 06)*	Order No. *(IKV 11)*
1,00 m	45-IK6 FS 100 Y3	45-IK2 FS 100 Y3
1,50 m	45-IK6 FS 150 Y3	45-IK2 FS 150 Y3
1,75 m	45-IK6 FS 175 Y3	45-IK2 FS 175 Y3
2,00 m	45-IK6 FS 200 Y3	45-IK2 FS 200 Y3

Application:

For use in fall arrest systems

Areas of use:

Industry, scaffolding, corrosion protection

r ≥ 0,5 mm

Guided Type Fall Arrest Device Type IK AG 01

according to EN 353-2:2002

- Ø 12 mm kernmantle lanyard with small steel double action hook IKV 06 with a 18 mm gate opening
- Rope grab device made from V2A stainless steel
- Tear-web energy absorber with small steel double action hook IKV 06
- Simple, very reliable mechanism / high functional safety
- Maintenance-free

Length	Order No	Nominal Load
5 m	45-IK6 AG1 500 6	65 - 136 kg
10 m	45-IK6 AG1 1000 6	65 - 136 kg
15 m	45-IK6 AG1 1500 6	65 - 136 kg
20 m	45-IK6 AG1 2000 6	65 - 136 kg



Adjustable Work Positioning Lanyard

according to EN 358:2018

- Kernmantle lanyard Ø 12 mm with:
  - Aluminium double action hook IKV 11 *(gate opening 25 mm)*
  - Steel double action hook IKV 06 *(gate opening 18 mm)*
- Adjustable lanyard clamp IK SL 01
- Rope protection sleeve 0.5 m long

Length	Order No. *(IKV 06)*	Order No. *(IKV 11)*
1,50 m	45-IK30 WLK 150 6	45-IK30 WLK 150 2
1,75 m	45-IK30 WLK 175 6	45-IK30 WLK 175 2
2,00 m	45-IK30 WLK 200 6	45-IK30 WLK 200 2



Webbing Lanyard

according to EN 354:2010

Lanyard as a component part of a fall arrest system or as a fall resistant attachment

- Lanyard made from 25 mm polyester webbing
- Carabiner hook and Ø 50 mm steel ring:
  - Trilock-steel carabiner IKV 30 *(gate opening 25 mm)*
  - Steel carabiner hook IKV 06 *(gate opening 18 mm)* **or**
- Carabiner hook on both ends:
  - Steel double action hook IKV 06 *(gate opening 18 mm)*
  - Large double action hook IKV 55 *(gate opening 61 mm)*

Length	Order No. *(IKV 06)*	Order No. *(IKV 30)*
0,40 m	45-IK6 B 40 R	45-IK30 B 40 R
0,50 m	45-IK6 B 50 R	45-IK30 B 50 R
0,50 m	45-IK6 B 50 3	



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Safety.
One step ahead.

Our wide range of RTFA's with the horizontal fall test over an edge, an integrated energy absorbing element that reduces the fall arrest forces to a minimum necessary for the application, with the shortest fall arrest distance and continuous quality provide the necessary flexibility for your work.

Retractable Type Fall Arrester

Superior through constructive safety technology



The innovative technology of IKAR retractable type fall arresters meets the requirements of fall protection systems for the future.

Low fall arrest forces and short arrest distances when used horizontally are the result of more than 43 years of experience in the development and production of IKAR retractable-type fall arrester technology - made in Germany.

Special Attachment

The rotatable Twinadapter TA 05 is specifically designed to connect IKAR full body harnesses with an attachment tunnel to an IKAR retractable-type fall arrester. This ensures a perfect connection without any uncomfortable 'dangling'."

Short and soft

The integrated energy-absorbing element (brake) ensures short arrest distances and lower fall arrest forces than specified in international standards.

Outstanding Durability

The retractable lanyard made of Dyneema is particularly resistant to chemical influences and weatherproof. This guarantees a long service life.

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Retractable Type Fall Arrester



Universal Connection

The rotatable Twinadapter TA 04 is suitable for connection to every dorsal fall arrest eyelet of a full body harness.

The swivel prevents the lanyards from twisting while using, thus preventing malfunctions during the automatic retraction of the webbing.

Parking

The extended webbing enables retractable to be attached to the of full body harnesses without tension.

Attachment without any means

The robust scaffold hook are designed for direct attachment around construction parts with a diameter of <60 mm.

IKAR – Pioneering as ever

For over 45 years, IKAR GmbH has been known for a manufacturer of Personal Protective Equipment against Falls, particularly in the field of retractable fall arresters (RTFAs), renowned for its innovative and high-quality products. Our primary focus has always been to ensure the highest level of safety for our users by consistently staying at the forefront of technological advancements and anticipating developments in this field.
Our motto is Safety ahead of the future,' and in line with this, we began the recertification of our products according to EN 360:2023 in early spring 2023 - a process we have successfully completed.
During the revision of the technical regulations regarding the enhanced requirements for RTFAs, the following key innovations were at the forefront:

Design and Ergonomics

For the first time, retractable type fall arresters with two retractable lanyards (twin RTFAs) have been included, and specific requirements for these have been defined. Within this context, the integrated external extensions, which are the parts of the lanyard not retracted into the device, have been limited to a maximum length of 60 cm. The length is measured from the housing outlet to the endpoint of the connecting components. The maximum total length of twin RTFAs has been restricted to 2.5 meters.



Retraction Testing

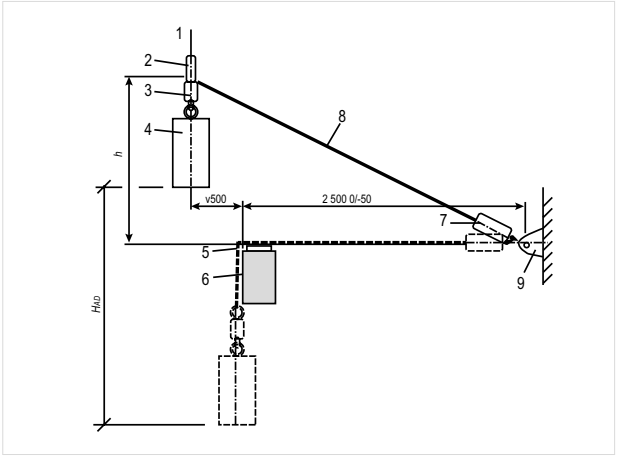
To ensure that RTFAs function properly both in vertical and horizontal configurations, and are held tight through continuous retraction, it has been stipulated that the required retraction tension must be between 5 and 110 N, with a corresponding functional test defined.

Furthermore, it is checked that even when RTFAs or twin RTFAs are worn on the back, the retractable lanyards are fully retracted, and any twisting is ruled out. Particular attention is paid to twin RTFAs, which must be designed in such a way that both retractable lanyards cannot twist together in a manner that could cause hindrance during retraction, potentially endangering the user's safety (e.g. “slack rope”).

Expanded Dynamic Testing

To account for different areas of application and ensure the user's safety in all foreseeable situations, a series of new dynamic tests have been incorporated into EN 360:2023. These tests are conducted with a test mass equal to the maximum rated load as defined by the manufacturer, with the maximum impact force not exceeding 6 kN.
As part of the "Dynamic Performance, Strength, and Integrity (Attachment at Foot Level, Horizontal Application)," the existing CNB/P/11.060 standard, which has been in place since 2007, has now been developed and integrated into the technical product standard EN 360:2023. These tests are conducted with a test mass equal to the maximum rated load as defined by the manufacturer to assess their robustness even when used in a horizontal orientation.

Schematic representation of dynamic performance and strength tests





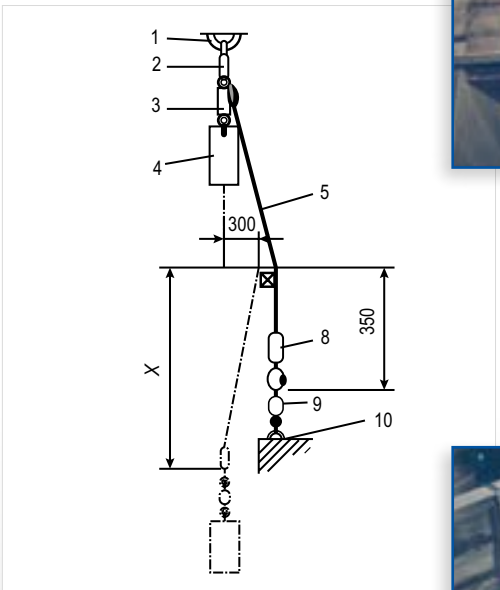
Use of RTFAs and twin RTFAs in Mobile Elevating Work Platforms (MEWPs)

In 2017, minimum requirements for RTFAs and twin RTFAs used in MEWPs when the risk of catapulting and/or falling from heights exists, were established in Germany by DIN 19427:2017.

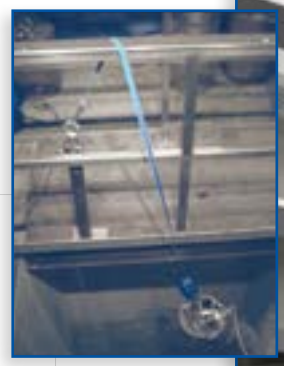
It is particularly noteworthy that these requirements have now been implemented at the European level in the new EN 360:2023. These RTFAs are intended for use with a reliable, marked anchorage point located no more than 0.75 meters above the platform floor.

Source: EN 360:2023

Schematic representation of dynamic performance testing









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Flexible according to EN 360:2023

Retractable Type Fall Arrester with Plastic or Aluminium Housings

Sturdy, low-maintenance height safety device with webbing or galvanized steel lifeline. Lightweight plastic or aluminium housing with a rotating swivel.

The swivel prevents twisting of the webbing or rope.



IKAR Retractable Type Fall Arresters are designed for both vertical and horizontal use. All IKAR Retractable Type Fall Arresters have successfully passed the horizontal use and sharp edge tests in accordance with EN 360:2023.



Order No.	Application Length		Housing	Weight	Dimensions *(mm)*	Carabiner *(mm)*	
41-HWB 1,8	1,8 m	Webbing	Aluminium	0,7 kg	237 x 78 x 60	140	IKV 11
41-HWB 2	2,0 m	Webbing	Aluminium	0,9 kg	240 x 84 x 61	140	IKV 11
41-HWB 2 X	2,5 m	Webbing	Aluminium	1,1 kg	273 x 94 x 69	280	IKV 55
41-HWB 2,3	2,3 m	Webbing	Aluminium	1,5 kg	590 x 103 x 74	140	IKV 11
41-HWB 3,5	3,5 m	Webbing	Aluminium	1,6 kg	270 x 88 x 64	140	IKV 11
41-HWPB 3,5	3,5 m	Webbing	Plastic	1,5 kg	275 x 110 x 78	140	IKV 11
41-HWPB 5,5	5,5 m	Webbing	Plastic	1,7 kg	300 x 130 x 85	140	IKV 11
41-HWPB 7	7,0 m	Webbing	Plastic	2,0 kg	300 x 141 x 84	140	IKV 11
41-HWPB 9	9,0 m	Webbing	Plastic	2,8 kg	335 x 168 x 93	140	IKV 11
41-HWPB 12 21	12,0 m	Webbing	Plastic	3,8 kg	370 x 195 x 95	185	IKV 21
41-HWPB 15 21	15,0 m	Webbing	Plastic	5,4 kg	420 x 223 x 100	185	IKV 21
41-HWS 2,5	2,5 m	Steel Rope	Aluminium	1,5 kg	392 x 98 x 73	185	IKV 21
41-HWS 4,5	4,5 m	Steel Rope	Aluminium	2,5 kg	385 x 128 x 80	185	IKV 21
41-HWS 6	6,0 m	Steel Rope	Aluminium	3,0 kg	410 x 137 x 80	185	IKV 21
41-HWS 9	9,0 m	Steel Rope	Aluminium	3,9 kg	440 x 166 x 93	185	IKV 21
41-HWS 12	12,0 m	Steel Rope	Aluminium	5,3 kg	475 x 198 x 98	185	IKV 21
41-HWS 18	18,0 m	Steel Rope	Aluminium	7,4 kg	540 x 220 x 97	185	IKV 21
41-HWS 24	24,0 m	Steel Rope	Aluminium	9,8 kg	575 x 250 x 97	185	IKV 21
41-HWPS 3	3,0 m	Steel Rope	Plastic	1,8 kg	390 x 110 x 78	185	IKV 21
41-HWPS 4,5	4,5 m	Steel Rope	Plastic	2,1 kg	390 x 126 x 80	185	IKV 21
41-HWPS 6	6,0 m	Steel Rope	Plastic	2,7 kg	405 x 141 x 82	185	IKV 21
41-HWPS 9	9,0 m	Steel Rope	Plastic	3,5 kg	445 x 172 x 92	185	IKV 21
41-HWPS 12	12,0 m	Steel Rope	Plastic	4,7 kg	480 x 197 x 98	185	IKV 21
41-HWPS 18	18,0 m	Steel Rope	Plastic	6,3 kg	540 x 220 x 97	185	IKV 21
41-HWPS 24	24,0 m	Steel Rope	Plastic	8,8 kg	520 x 227 x 100	185	IKV 21

Flexible according to EN 360:2023

Retractable type fall arresters for safe change of workspace

Sturdy, low-maintenance fall arresters with double swivel suspension for securing one person against falling. Specially developed for a permanent connection during the movement of the user in the working area.

The connection designs of the twin RTFAs, the double swivel adapters, are not obligations from the requirements for technical approval, but our commitment to the safety of our users.

TA 04



TA 05







IKAR Retractable Type Fall Arresters are designed for both vertical and horizontal use. All IKAR Retractable Type Fall Arresters have successfully passed the horizontal use and sharp edge tests in accordance with EN 360:2023.

r ≥ 0.5 mm

Order No.	Application Length		Weight	Dimensions *(mm)*	Carabiner *(mm)*		Twin
41-HWB 1,8 DW	2 x 1,8 m	Webbing	2,26 kg	290 x 155 x 60	140	IKV 11	TA 05
41-HWB 1,8 R DW	2 x 1,8 m	Webbing	3,42 kg	290 x 155 x 60	248	IKV 55	TA 05
41-HWB 2 DWG	2 x 2,5 m	Webbing	3,60 kg	425 x 170 x 67	248	IKV 55	TA 05
41-HWB 2 DWX	2 x 2,5 m	Webbing	3,61 kg	425 x 170 x 67	248	IKV 55	TA 04
41-HWB 2,3 RDW 55	2 x 2,3 m	Webbing	4,42 kg	603 x 190 x 70	248	IKV 55	TA 05
41-HWS 2,5 DW	2 x 2,5 m	Steelrope	3,20 kg	703 x 196 x 73	185	IKV 21	TA 05

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ACB 1,8 and HWB 1,8

Retractable Type Fall Arrester tested and certified for the use in mobile elevating working platforms

according to EN 360:2023; DIN 19427:2017

The IKAR ACB 1.8 and HWB 1.8 fall arresters for securing a person in elevating work platforms are a milestone in the field of personal protective equipment against falls from a height. Tested and approved according to the highest standards for personal protective equipment against falls from a height.

The height safety devices are tested and approved for belaying in aerial work platforms. The lanyard is double edge tested. Innovative technology in the area of the integrated, energy-absorbing function ensures safe force transmission to the sensitive anchorage points of a mobile elevating work platform! The functional length is 1.8 m.

Also in combination with our double swivel suspension, the HWB 1,8 DW is tested and approved for securing a person in elevating work platforms. Especially for the secured change of workplaces by alternate slinging for a continuous protection against falling.







Application:

Arrest

Areas of use:

MEWPS, Scaffolding

Order No.	Application Length		Weight	Dimensions *(mm)*	Carabiner *(mm)*	
41-HWB 1,8	1,8 m	Webbing	0,70 kg	237 x 78 x 60	140	IKV 11
41-ACB 1,8	1,8 m	Webbing	0,96 kg	240 x 83 x 63	140	IKV 11
41-HWB 1,8 R DW 55	2 x 1,8 m	Webbing	2,26 kg	290 x 170 x 60	248	IKV 55

Robusto according to EN 360:2023

Robust Retractable Type Fall Arrester

Sturdy, low-maintenance Retractable Type Fall Arrester with galvanized steel or webbing as retractable lanyard. Version with aluminium housing or plastic housing, approved for vertical and horizontal use. Fall arresters available with steel rope or also with stainless steel rope.

IKAR Retractable Type Fall Arrester feature a very high safety standard and worldwide proven technology.







IKAR Retractable Type Fall Arresters are designed for both vertical and horizontal use. All IKAR Retractable Type Fall Arresters have successfully passed the horizontal use and sharp edge tests in accordance with EN 360:2023.up to device size H 33.



Order No.	Application Length		Housing	Weight	Dimensions *(mm)*	Carabiner *(mm)*	
41-H 12	12,0 m	Steel Rope	Aluminium	5,9 kg	450 x 195 x 90	185	IKV 21
41-H 18	18,0 m	Steel Rope	Aluminium	9,5 kg	550 x 240 x 100	185	IKV 21
41-H 24	24,0 m	Steel Rope	Aluminium	13,5 kg	630 x 275 x 110	185	IKV 21
41-H 33	30,0 m	Steel Rope	Aluminium	18,0 kg	640 x 320 x 120	185	IKV 21
41-H 42	40,0 m	Steel Rope	Aluminium	27,2 kg	750 x 370 x 120	185	IKV 21
41-H 65	65,0 m	Steel Rope	Aluminium	38,0 kg	780 x 390 x 150	185	IKV 21
41-HPS 6	6,0 m	Steel Rope	Plastic	3,0 kg	430 x 150 x 91	185	IKV 21
41-HPS 12	12,0 m	Steel Rope	Plastic	4,6 kg	470 x 190 x 114	185	IKV 21

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IKAR HRA.
Always safely rescued.

The HRA series of IKAR safety and rescue devices is your proven, robust and safe partner for fall protection and rescue from the depths.

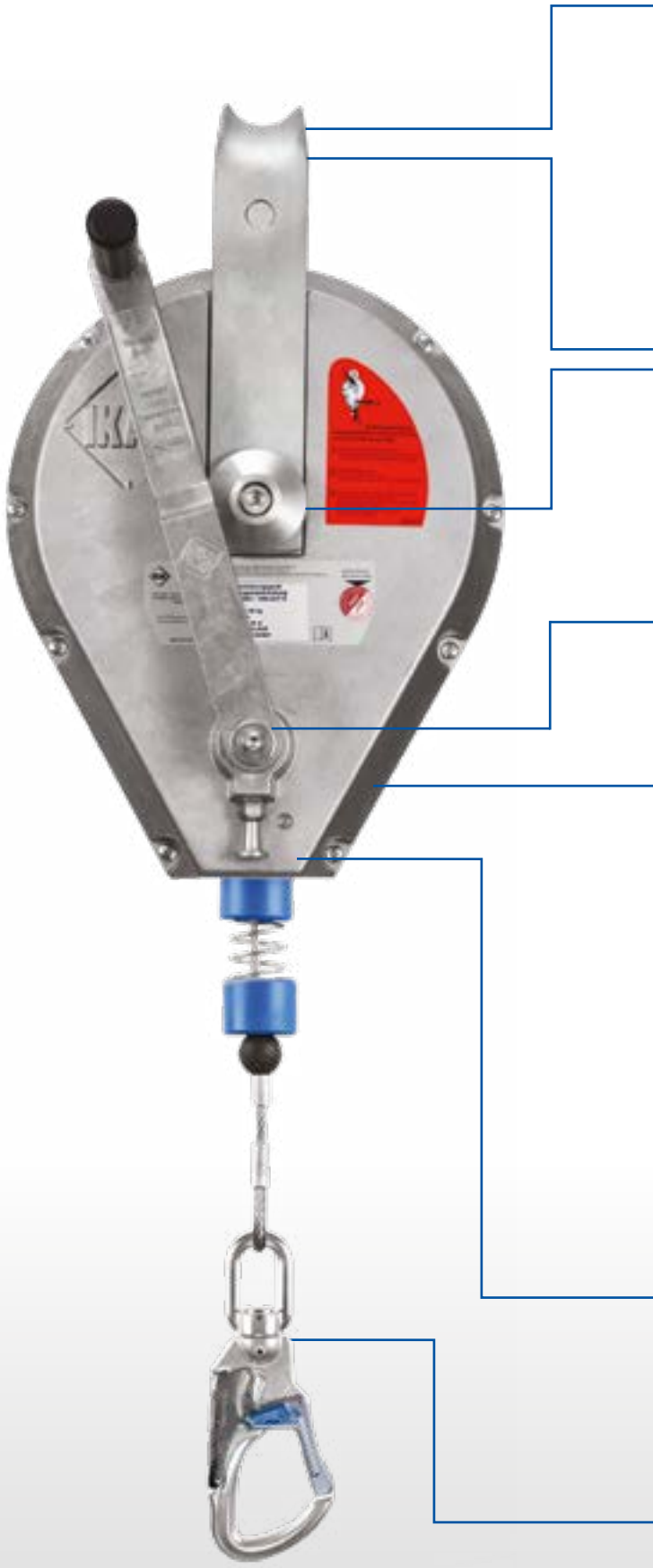
Retractable Type Fall Arrester with Rescue Hoisting Facility

One Device for Fall Protection and Rescue

Access to confined spaces or wastewater facilities is no longer feasible without fall protection and rescue. The combination of fall protection and rescue, the IKAR HRA series, offers users the highest level of safety. An additional fall-absorbing function in the rescue lifting device is state of the art in IKAR HRA series.

IKAR fall arresters with rescue lifting device (type HRA) are equipped with a winch unit. This winch unit can be easily engaged by a second person in the event of a rescue after a fall, e.g. in the event of unconsciousness due to gases in shafts and ducts. In this way, the person involved in the accident can be rescued quickly and safely. The rescue lifting device has an integrated fall-absorbing function, as required by the European harmonized standard EN 1496. The unit is completely enclosed and has no wearing parts. All parts are made of stainless steel, aluminum or impact-resistant plastic. Different rope lengths mean that the right device is available for every application.

IKAR fall arresters with rescue lifting device and reel chain are the special alternative for every location. The reel chain allows a trouble-free use of the winch of the HRA device, even if the anchorage point of the device is located very high.



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Safe connection

The handle for connecting the devices with reel chain drive to the upper attachment point is robustly designed, to withstand the stresses of a harsh working environment.

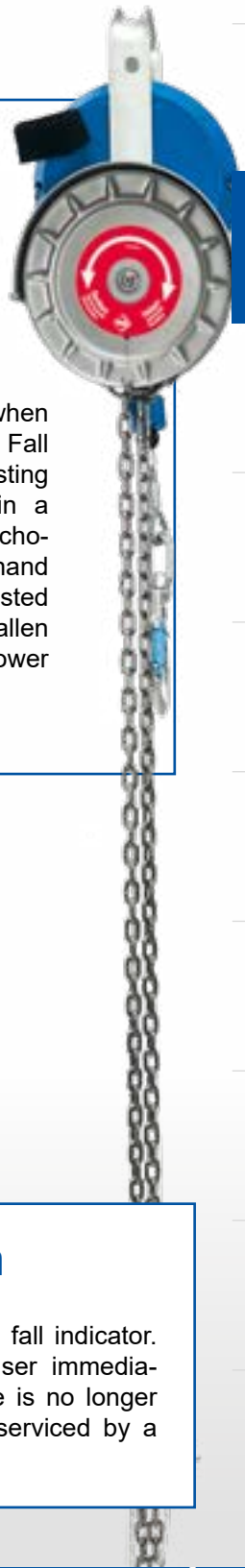
Connection with fixation

The handle and the conical washers fix the HRA unit in the IKAR holders / holding plates provided for this purpose.
This reliably prevents the unit from turning around the vertical axis during the rescue.

Rescue without additional holding force

Option: HRA with chain wheel drive

The chain drive system is used when the IKAR Retractable Type Fall Arrester with Rescue Hoisting Function (HRA) is installed in a suspended position on an anchorage point.Operation via the hand chain allows for a power-assisted and controlled rescue of a fallen or incapacitated person from lower levels or confined spaces.



Always Safe

The integrated energy absorbing function (brake) for fall protection and the additional integrated energy absorbing function (brake) in the rescue hoisting facility ensures safe rescue in every emergency situation, whether up or down.

Activation with one grip

The locking pin enables easy activation / locking of the rescue hoisting facility with just one grip.

Safe Application

The connecting element has a fall indicator. During the user check, the user immediately recognizes that the device is no longer operational and needs to be serviced by a competent person.

HRA according to EN 360:2002; EN 1496:2017

Retractable Type Fall Arrester with rescure hoisting facility



The IKAR HRA fall arresters with rescue lifting device, is the combination of fall protection and rescue device.

These are robust, low-maintenance retractable type fall arresters with aluminium housing, which can be equipped with either galvanised steel rope, stainless steel rope or para aramid rope.

The maximum reel chain length is 3 m (6 m circumferential).



HRA Wall Bracket
Quick-release holder for walls for the mounting of all HRA devices from 9.5 - 33 m

Order No.	Application Length		Weight	Dimensions *(mm)*	Haken *(mm)*	
41-HRA 12	12,0 m	Steelrope	7,0 kg	450 x 195 x 180	185	IKV 21
41-HRA 18	18,0 m	Steelrope	11,5 kg	570 x 240 x 200	185	IKV 21
41-HRA 24a	24,0 m	Steelrope	15,0 kg	630 x 275 x 220	185	IKV 21
41-HRA 33	30,0 m	Steelrope	17,6 kg	640 x 315 x 230	185	IKV 21
41-HRA 42	40,0 m	Steelrope	24,7 kg	740 x 370 x 235	185	IKV 21
41-HRA 65	65,0 m	Steelrope	43,0 kg	780 x 390 x 240	185	IKV 21
41-HRA 12 E	12,0 m	VA-Rope	7,0 kg	450 x 195 x 180	185	IKV 21
41-HRA 18 E	18,0 m	VA-Rope	11,5 kg	570 x 240 x 200	185	IKV 21
41-HRA 24 Ea	24,0 m	VA-Rope	16,0 kg	630 x 275 x 220	185	IKV 21
41-HRA 33 E	30,0 m	VA-Rope	17,0 kg	640 x 315 x 230	185	IKV 21
41-HRA 42 E	40,0 m	VA-Rope	23,0 kg	740 x 370 x 235	185	IKV 21
41-HRA 12 V	9,0 m	para Aramid	7,0 kg	450 x 195 x 180	185	IKV 21
41-HRA 18 V	15,0 m	para Aramid	10,1 kg	570 x 240 x 200	185	IKV 21
41-HRA 24 Va	20,0 m	para Aramid	14,1 kg	630 x 275 x 220	185	IKV 21
41-HRA 12 Haspel	12,0 m	Steelrope	13,0 kg	450 x 195 x 253	185	IKV 21
41-HRA 18 Haspel	18,0 m	Steelrope	17,5 kg	570 x 240 x 273	185	IKV 21
41-HRA 24a Haspel	24,0 m	Steelrope	22,0 kg	630 x 275 x 293	185	IKV 21
41-HRA 33 Haspel	30,0 m	Steelrope	23,0 kg	640 x 315 x 303	185	IKV 21
41-HRA 12 E Haspel	12,0 m	VA-Rope	13,0 kg	450 x 195 x 253	185	IKV 21
41-HRA 18 E Haspel	18,0 m	VA-Rope	17,0 kg	570 x 240 x 273	185	IKV 21
41-HRA 24 E Haspel	24,0 m	VA-Rope	22,0 kg	630 x 275 x 293	185	IKV 21
41-HRA 33 E Haspel	30,0 m	VA-Rope	23,0 kg	640 x 315 x 303	185	IKV 21
41-54/WHGV4	bracket designed to fit IKAR HRA to a wall					

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Work Safety.
Easy and Simple.

Transportable anchorage devices are subject to special requirements: light construction and easy handling during assembly / dismantling and operation.

Tripods

Anchorage devices without compromise

The tripod series type DB-A not only meet the special requirements for transportable anchorage devices, but is also characterized by the high and robust quality standard of IKAR products. The ideal complement to the IKAR HRA devices.



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Flexible Application Options

The locking pin enables a quick, triple-adjustable set-up diameter.

Fall protection for everyone involved

The additional anchor points are used to secure the safety post against falls or can be used to stabilise the tripod for special applications or at special locations.

Compensation for height differences

The individually telescopic legs enable the axial alignment of the anchorage device and are used for height compensation. Quickly usable due to the fixation with plug-in bolts.

No safety without Stability

The foldable, non-slip rubber feet ensure that the anchorage device stands securely.



Tripod DB-A4 XL

anchorage device for PPE according to EN 795:2012 Type B and CEN/TS 16415:2017

- Anchorage Device DB-A4 XL for 2 Persons
- Maximum Safety – Reliable Function
- The DB-A4 XL is equipped with foldable rubber feets for exceptional stability on various surfaces.
- Height-adjustable from approx. 1.5 m to 3.4 m for versatile use.
- Dual span width adjustment for flexible setup.
- Equipped with three internal pulleys for ropes ø 4.8–11.5 mm and three anchorage/guying eyes.
- Usable with all retractable type fall arresters with integrated rescue hoisting function, type HRA. up to 40 m.
- Robust aluminum construction – stable, lightweight, and easy to handle.
- High-quality design for professional, long-term use.



Optional equipment

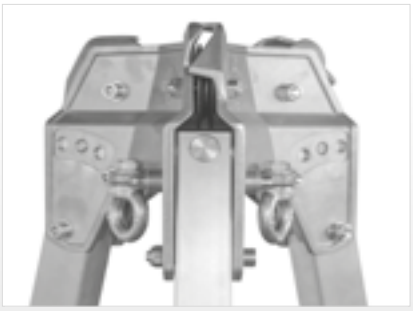
- Tripod Mounting Bracket for HRA Devices
- HRA up to 40 m (Retractable Type Fall Arrester with Rescue Hoisting Facility function)
- Tripod Mounting Bracket for winches
- PLW Personnel and Load Winch
- IKLW 300 Load Winch
- Mounting Bracket with anchorage point for Descent Devices IK AP-DB4

Optional accessoires:

- Tripod Carrying and Protection Bag

New

Height adjustment and leg extension or retraction are conveniently operated via self-locking push buttons. This innovative design allows for quick and effortless setup – no additional tools required.







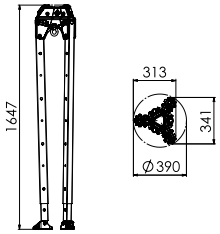
Order No.	Description	Weight
41-48XL	Tripod DB-A4 XL	24,0 kg

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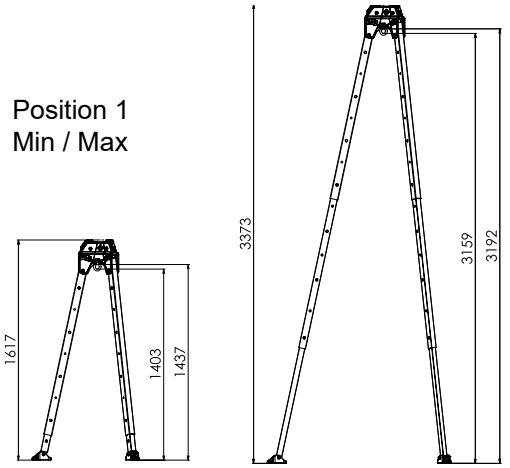
DB-A4 XL

Dimensions

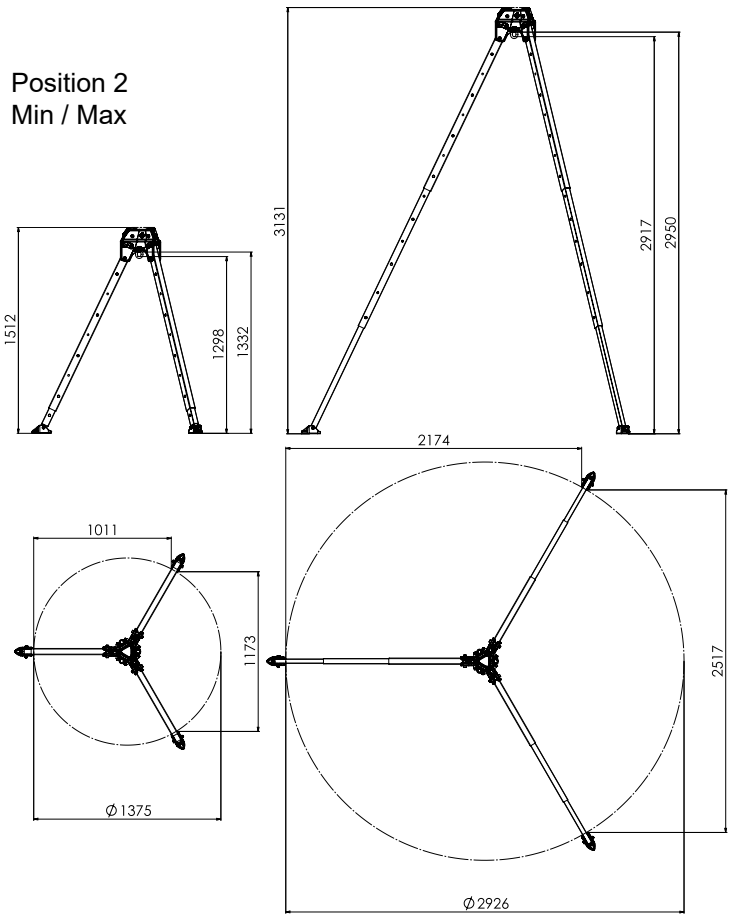
Transport Position



Position 1
Min / Max



Position 2
Min / Max



Mounting Brackets for DB-A4 XL

Tripod Mounting Bracket
for HRA DB-A4 XL



Tripod Mounting Bracket
for PLW and IKLW 300 DB-A4 XL



Tripod Descent Device Bracket
AP-DB4 + 41-54a/DWS-DB4



Order No.	Description	Weight
41-54/12-42A4	Tripod Mounting Bracket for HRA Devices DB-A4 XL	2,2 kg
41-54a/DWS-DB4	Tripod Mounting bracket for PLW und IKLW 300	1,9 kg
41-54a/AP-DB4	Tripod Descent Device Bracket AP-DB4	0,5 kg

Tripod DB-A4 short

anchorage device for PPE according to EN 795:2012 Type B and CEN/TS 16415:2017

The DB-A4 short transfers the proven design of the new DB-A4 XL into a more compact form. Easy to handle and reliable for use by up to two persons.

Maximum functionality in minimal space.
Big performance, small transport: The new DB-A4 short measures only approx. 1 m in length with a maximum working height of around 2 m. This compact and mobile anchorage device combines convenience with professional safety standards.

All technical highlights of the DB-A4 XL have been retained in the DB-A4 Short.

Thanks to its compact transport length, the tripod can be easily stored in the trunk of a compact car and saves space in storage. Additional accessories can be conveniently carried or stored separately. With its tool-free assembly, the DB-A4 Short is ready for use within just a few minutes.

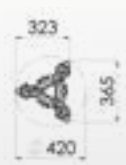


DB-A4 short

Dimensions

Transport Position





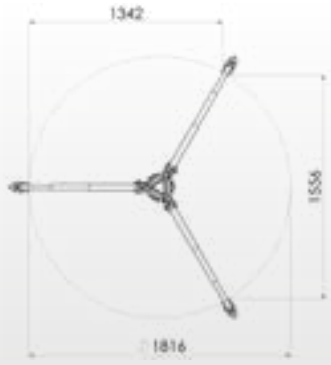
Min. Setting Height





Max. Setting Ø





Max. Setting Height





Order No.	Description	Weight
41-48k	DB-A4 short	19,0 kg

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Tripod DB-A3 / DB-A3 short

anchorage device for PPE according to EN 795:2012 Type B and CEN/TS 16415:2017

- Anchorage Device DB-A3 and DB-A3 short for 2 persons
- High functional stability
- Height adjustable to almost double
- 3-way height adjustable and triple-adjustable set-up diameter
- At the head of each leg there are internal pulleys for ropes with a diameter of 4.8 mm - 11 mm
- Adjustable rubber feet
- High quality and reliability
- Aluminium construction



Optional equipment

- Tripod Mounting Bracket for HRA Devices
- HRA up to 40 m (Retractable Type Fall Arrester with Rescue Hoisting Facility function)
- Tripod Mounting Bracket for winches
- PLW Personnel and Load Winch
- IKLW 300 Load Winch

Optional accessoires:

- Tripod Carrying and Protection Bag

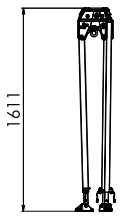
Tripod Mounting Bracket
for HRA DB-A3 / DB-A3 XL



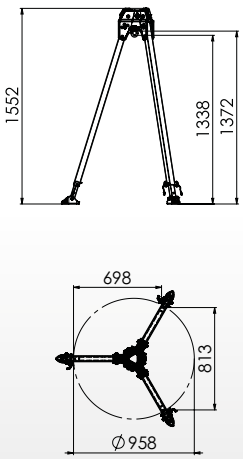
DB-A3

Dimensions

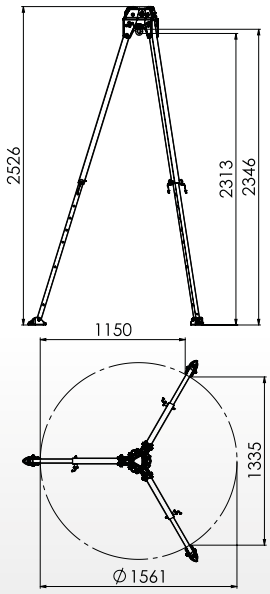
Transport Position



Min. Setting Height



Min. Setting Height



Order No.	Description	Weight
41-49	Tripod DB-A3	24,0 kg
41-49k	Tripod DB-A3 short	19,0 kg
41-54/12-42A3	Tripod Mounting Bracket for HRA Devices DB-A3 / DB-A3 XL	1,8 kg

Tripod DB-A3R

anchorage device for PPE according to EN 795:2012 Type B and CEN/TS 16415:2017

- Anchorage Device DB-A3R for 2 persons
- Braked rollers
- Internal pulleys in the three-beam head
- Struts for the optimization of the stability
- Drawbar for easy and ergonomic transfer to the new working place



Optional equipment

- Tripod Mounting Bracket for HRA Devices
- HRA up to 40 m (Retractable Type Fall Arrester with Rescue Hoisting Facility function)
- Tripod Mounting Bracket for winches
- PLW Personnel and Load Winch
- IKLW 300 Load Winch

Optional accessoires:

- Tripod Carrying and Protection Bag

Tripod Mounting Bracket
for HRA DB-A3R



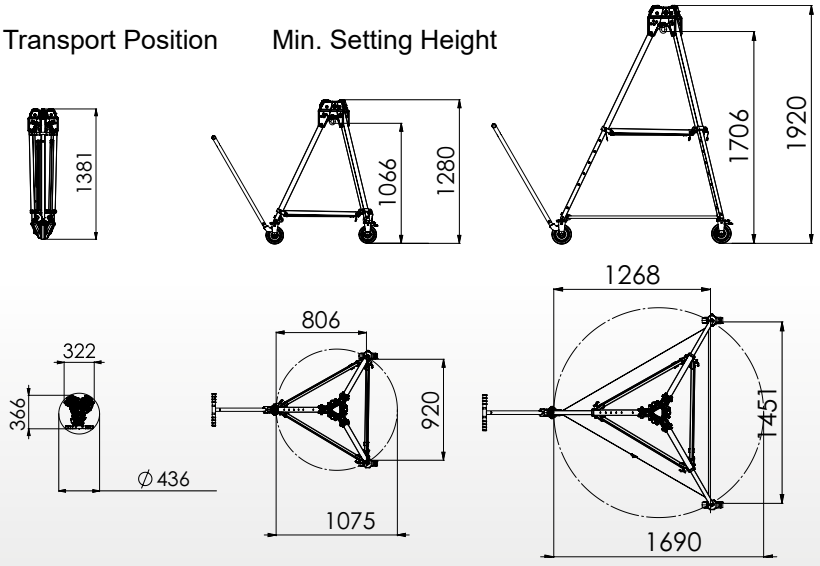
DB-A3R

Dimensions

Min. Setting Height

Transport Position

Min. Setting Height



Order No.	Description	Weight
41-52	Tripod DB-A3R	28,0 kg
41-54/12-42A3	Tripod Mounting Bracket for HRA Device DB-A3R	1,8 kg

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Tripod DB-A2

anchorage device for PPE according to EN 795:2012 Type B and CEN/TS 16415:2013

- Anchorage Device DB-A2 for 2 persons
- Functional safety
- Height adjustable to almost double the height
- DB-A3 equipped with adjustable rubber feet for high stability on various surfaces
- Stable due to solid construction
- Lightweight aluminum design
- High quality



Optional equipment :

- Tripod Mounting Bracket for HRA Devices
- HRA up to 40 m (Retractable Type Fall Arrester with Rescue Hoisting Facility function)
- Tripod Mounting Bracket for winches
- PLW Personnel and Load Winch
- IKLW 300 Load Winch,

Optional accessoires:

- Tripod Carrying and Protection Bag

Tripod Mounting Bracket
for HRA DB-A2 / DB-A2 XL



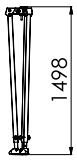
Deflection Roller
for steel rope



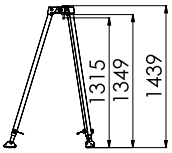
DB-A2

Dimensions

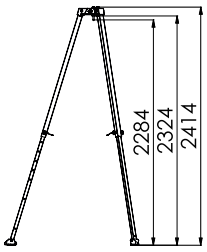
Transport Position

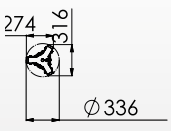


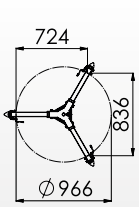
Min. Setting Height

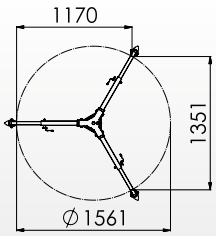


Min. Setting Height









Order No.	Description	Weight
41-50	Tripod DB-A2	24,0 kg
41-54/9,5-30	Tripod Mounting Bracket for HRA Devices DB-A2 / DB-A2 XL	1,8 kg
41-z20	Deflection Roller for Ø 6 mm steel rope	1,1 kg

HPL and HL with IKAR Tripods

Certified according to Machinery Directive 2006/42/EC and EN 1808:2015

DB-A2	DB-A3	DB-A3kurz	DB-A3R	DB-A4 kurz	DB-A4 XL
41-50	41-49	41-49k	41-52	41-48k	41-48XL
					

Tripod Mounting Bracket for HRA		
41-54/9,5-30	41-54/12-42A3	41-54/12-42A4
		

HRA 12	HRA 18	HRA 24	HRA 33
41-HRA 12	41-HRA 18	41-HRA 24	41-HRA 33
			

Tripod Mounting Bracket for PLW and Load Winch	
41-54a/DWS	41-54a/DWS-DB4
	

Personnel and Load Winch	Load Winch
41-PLW-DA	41-IKLW 300
	

ripod Rescue Device Bracket		
	41-54a/AP-DB4	41-54a/DWS-DB4
		+ 

Personnel Lifting and Rescue Harnesses					
IK G 4 DW	IK G 4 DW R	IK G 4 DW S	IK G 4 DW RS	IK G2 A/B + IKAR Seat Board	IK G2 A/B R + IKAR Seat Board
45-IK G 4 DW	45-IK G 4 DW R	45-IK G 4 DW S	45-IK G 4 DW RS	45-IK G2A/B + 45-IK SB	45-IK G2A/B R + 45-IK SB

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Complexity and efficiency of use.

The implementation of complex rescue plans for accessing confined spaces and wastewater engineering facilities is possible with the new development of IKAR cantilever arms made of V4A.

Cantilever Arms

Fall Protection and Rescue without Safety issues

The IKAR cantilever arms have been specially developed for use with the IKAR retractable type fall arrester with rescue lifting device type HRA.

The IKAR cantilever arms type ASS also offer the the possibility of fall protection for up to 3 persons at the same time.

Concepts without safety issues

The anchor point for the 2nd person ensures the fall safety of the safety post during the use of the anchor device. In case of emergency, the integrated rescue function of the HRA ensures a quick rescue without the rescuer having to descend to the person involved in the accident.

Fall Protection and Rescue

The secured access is realised via the preinstalled HRA device. In case of emergency, fast, gentle and safe rescue by the security guard is ensured by means of the integrated rescue lift function of the device.

Stability

The mounting point for the sleeves ensures solid stability. The integrated bearing enables the Cantilever arm to be turned without great effort under load.



Variability

The height adjustment allows the boom to be installed at different locations.

Stability without Compromise

Test load: 13,6 kN

Multi Complex

The anchor point for the 3rd person finalizes complex rescue concepts. The additional anchorage point for a third person enables complex rescue concepts.

Test load:
12 kN in the direction of load

Cantilever Arm ASS-1

certified as an anchorage device for PPE in accordance with EN 795:2012 Type B and CEN/TS 16415:2017

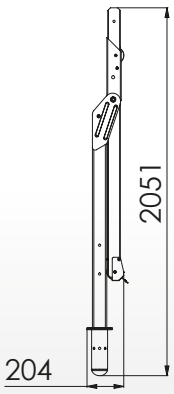
- Especially developed for stationary use in safety and rescue cases for two persons as well as for lifting and lowering loads
- Variable fastenings via ground sleeve, wall sleeve and mobile sleeve
- Removable extension arm, adjustable height
- Suitable for fast relocation
- Usable with retractable type fall arresters with integrated rescue hoisting function, type HRA
- V4A stainless steel design
- Solid, high quality construction
- Can be equipped with accessories



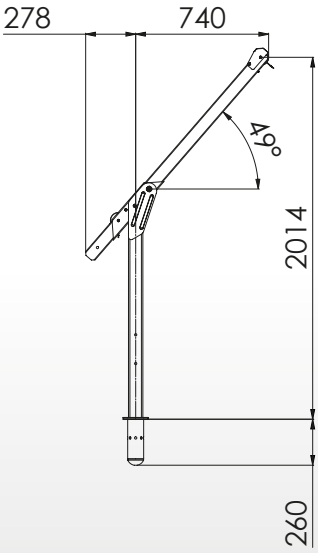
Optional equipment:

- Brackets for HRA Devices
- HRA (Retractable Type Fall Arrester with Rescue Hoisting Facility function)
- Brackets for:
- PLW personal load winch
- IKLW 300 load winch

Transport Position



Working Position



Order No.	Description	Version	Weight
41-71	Cantilever arm ASS-1 without sleeve	V4A-stainless steel	36,0 kg

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Cantilever Arm ASS-2

certified as an anchorage device for PPE in accordance with EN 795:2012 Type B and CEN/TS 16415:2017

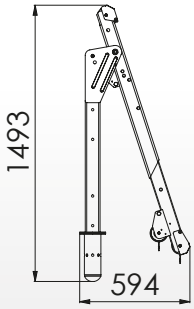
- Especially developed for stationary use in safety and rescue cases for two persons as well as for lifting and lowering loads
- Variable fastenings via ground sleeve
- Removable extension arm, adjustable height
- Suitable for fast relocation
- Usable with retractable type fall arresters with integrated rescue hoisting function, type HRA
- Solid, high quality construction
- Can be equipped with accessories



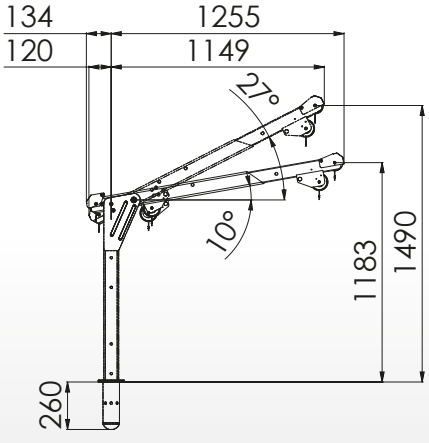
Optional equipment:

- Brackets for HRA Devices
- HRA (Retractable Type Fall Arrester with Rescue Hoisting Facility function)
- Bracket for:
- PLW personal load winch
- IKLW 300 load winch

Transport Position



Working Position



Order No.	Description	Version	Weight
41-72	Cantilever arm ASS-2 without sleeve	V4A-stainless steel	39,0 kg

Cantilever Arm ASS-3

certified as an anchorage device for PPE in accordance with EN 795:2012 Type B and CEN/TS 16415:2017

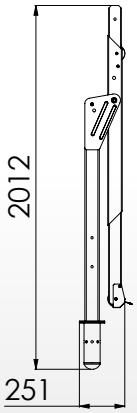
- Especially developed for stationary use in safety and rescue cases for three persons as well as for lifting and lowering loads
- Variable mounting options through floor sleeve, retractable floor or wall sleeve, mobile sleeve
- Removable extension arm
- Suitable for fast relocation
- Usable with retractable type fall arresters with integrated rescue hoisting function, type HRA.
- Solid, high quality construction
- Can be equipped with accessories



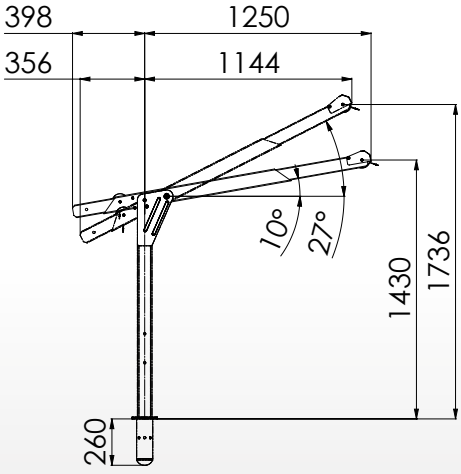
Optional equipment:

- Brackets for HRA Devices
- HRA (Retractable Type Fall Arrester with Rescue Hoisting Facility function)
- Brackets for:
- PLW personal load winch
- IKLW 300 load winch

Transport Position



Working Position



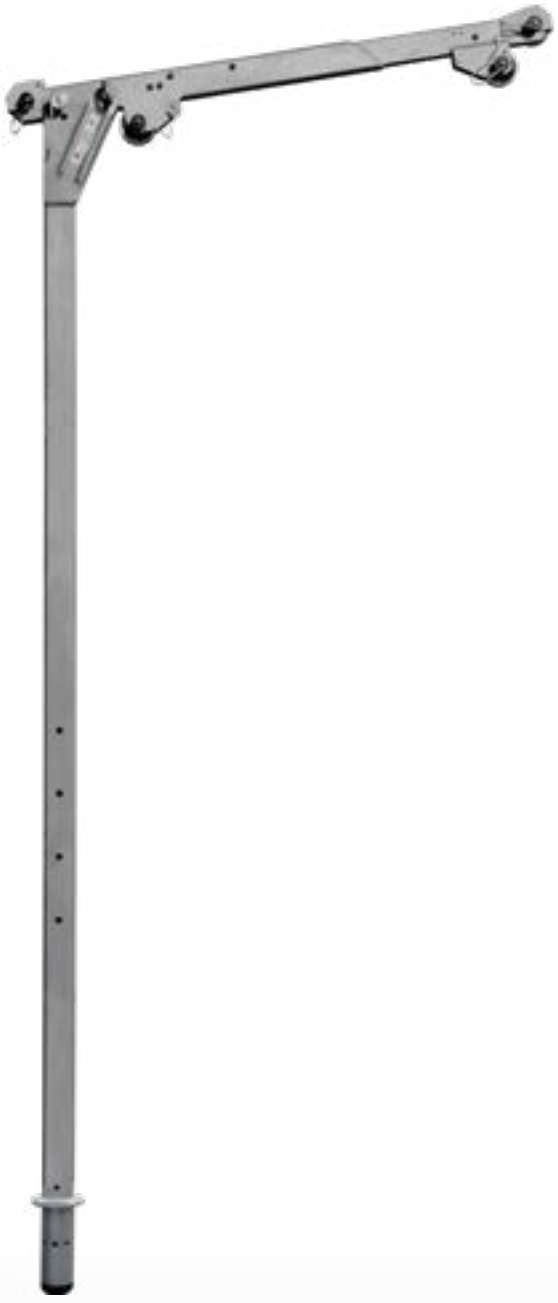
Order No.	Description	Version	Weight
41-73	Cantilever arm ASS-3 without sleeve	V4A-stainless steel	39,0 kg

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Cantilever Arm ASS-4

certified as an anchorage device for PPE in accordance with EN 795:2012 Type B and CEN/TS 16415:2017

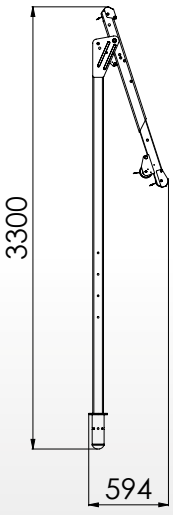
- Especially developed for stationary use in safety and rescue cases for two persons as well as for lifting and lowering loads
- Variable mounting options through floor sleeve or retractable floor sleeve
- Removable extension arm, adjustable height
- Suitable for fast relocation
- Usable with retractable type fall arresters with integrated rescue hoisting function, type HRA.
- Solid, high quality construction
- Can be equipped with accessories



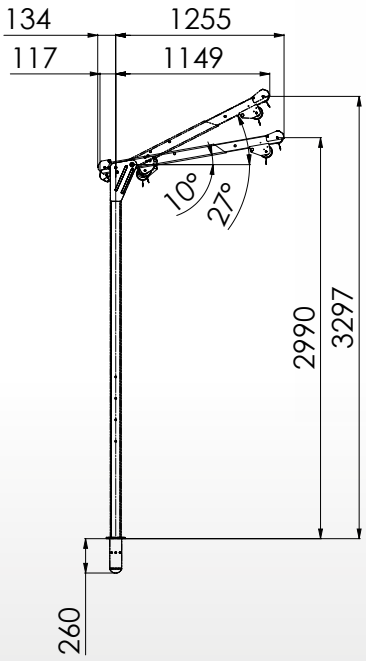
Optional equipment:

- Brackets for HRA Devices
- HRA (Retractable Type Fall Arrester with Rescue Hoisting Facility function)
- Bracket for:
- PLW personal load winch
- IKLW 300 load winch

Transport Position



Working Position



Order No.	Description	Version	Weight
41-74	Cantilever arm ASS-4 without sleeve	V4A-stainless steel	65,0 kg

Cantilever Arm AASS-M

certified as an anchorage device for PPE in accordance with EN 795:2012 Type B and CEN/TS 16415:2013

The IKAR cantilever arm has been especially developed for the use with IKAR height safety devices with rescue hoisting facility typee HRA.

The AASS-M is compatible with flanges according to DIN 2501 - in sizes 500 and 600, and in pressure rating PN 10 - designed for a precise and reliable fit.

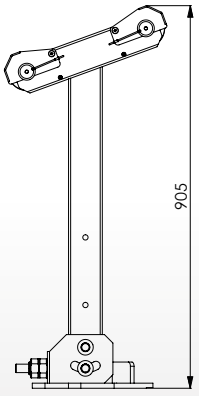
- Especially developed for stationary use in safety and rescue cases for two persons as well as for lifting and lowering loads
- Suitable for fast relocation
- Usable with retractable type fall arresters with integrated rescue hoisting function, type HRA.
- V4A stainless steel design
- Stable thanks to solid construction, high quality
- Can be equipped with an IKAR rescue slide, with a curved slide body and central rope guide



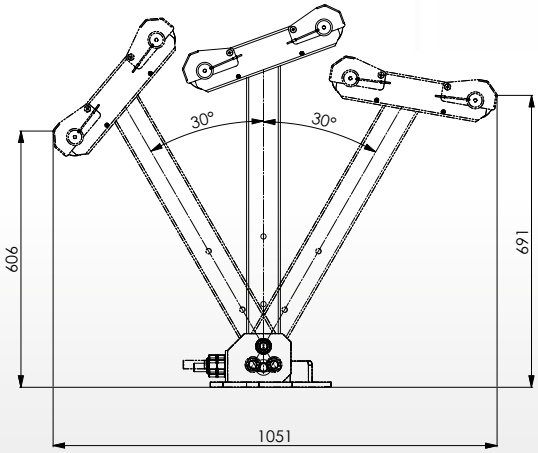
Optional equipment:

- Brackets for HRA Devices
- HRA 12-18 (Retractable Type Fall Arrester with Rescue Hoisting Facility function)
- Brackets for:
- PLW personal load winch
- IKLW 300 load winch

Basic Position



Setting Range





screw connection
for Cantilever Arm AASS-M

Order No.	Description	Version	Weight
41-58V4a	Cantilever arm AASS-MW	V4A-stainless steel	25,0 kg
41-55/1	Rescue slide AASS-M	Aluminium	11,0 kg

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Cantilever Arm AASS-MW

certified as an anchorage device for PPE in accordance with EN 795:2012 Type B

The AASS-MW cantilever arm impresses with its modular design and particularly simple installation. The mounting flange is securely bolted to the manhole flange, while the mounting bracket, jib arm, optional support, and the HRA fall arrest device with integrated rescue hoisting function can be quickly and safely installed using locking pins. This system provides maximum safety and reliable fall protection.

Our AASS-MW cantilever arm is compatible with flanges according to DIN 2501 - in sizes 500 and 600, and in pressure rating PN 10 - designed for a precise and reliable fit.

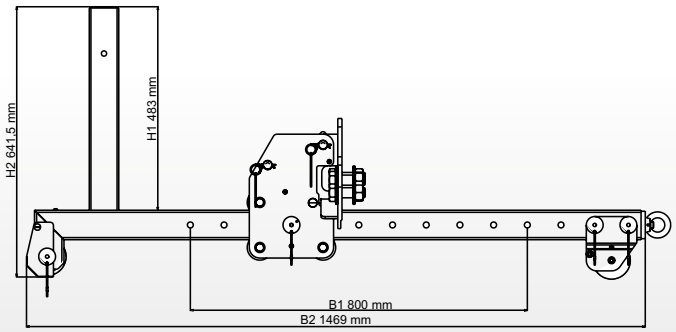
Image with bracket for HRA devices



- Suitable for fast relocation
- Usable with retractable type fall arresters with integrated rescue hoisting function, type HRA
- Stable solid construction
- High quality
- V4A stainless steel design

Optional equipment:

- Brackets for HRA Devices
- HRA (Retractable Type Fall Arrester with Rescue Hoisting Facility function)



Order No.	Description	Version	Weight
41-55	Cantilever arm AASS-MW	V4A-stainless steel	36,0 kg

Mobile Sleeve Compact (Spider)

according to EN 795:2012 and CEN/TS 16415:2017

Component of the attachment devices Cantilever arms type AASS 1 / ASS 1

- Specially developed for mobile use in safety and rescue operations
- Designed for access and rescue from confined spaces
- Pivotable and adjustable in case of lack of headroom
- The swivel range of the cantilever arm is 360°, with a maximum load of 300 kg.
- Approved for 2 persons



Order No.	Description	Version	Weight
41-67	mobile Cantilever system compact	V4A-stainless steel	106,0 kg

Mobile Clamping Sleeve

according to EN 795:2012 and CEN/TS 16415:2017

Component of the attachment devices Cantilever arms type AASS 1 / ASS 1

- Designed for tank edges or requent installations over different wall thicknesses
- Clamping width variable from 200 - 400 mm
- Ideal for work areas where frequent assembly and dismantling is required
- Approved for 2 persons
- The swivel range of the cantilever arm is 360°, with a maximum load of 300 kg



Order No.	Description	Version	Weight
41-69	mobile Clamping Sleeve	V4A-stainless steel	35,0 kg

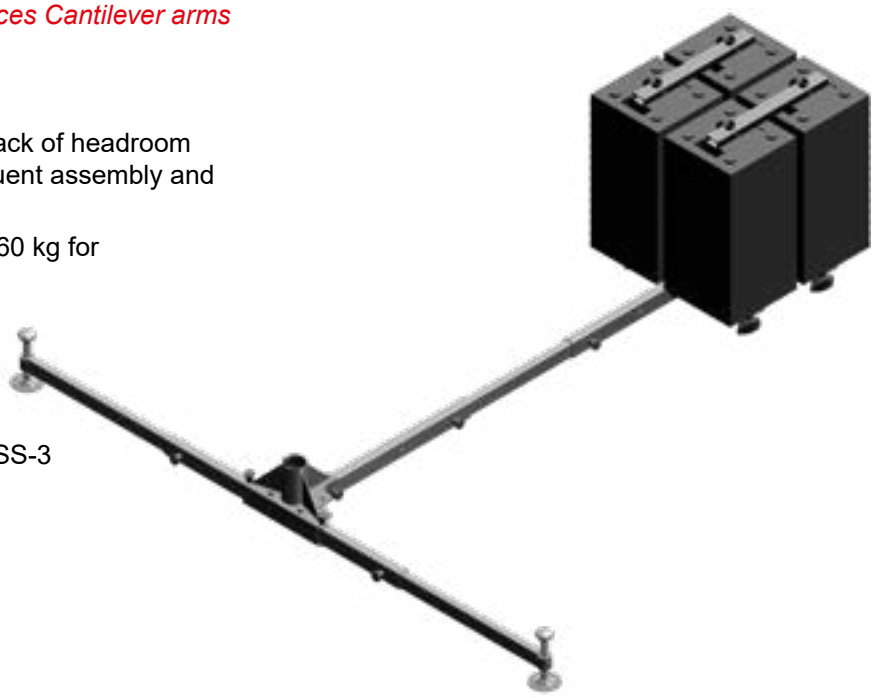
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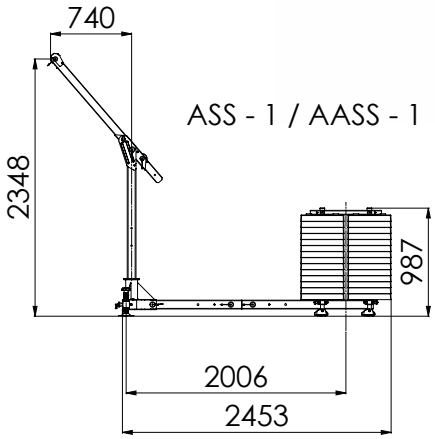
Counterweight Sleeve

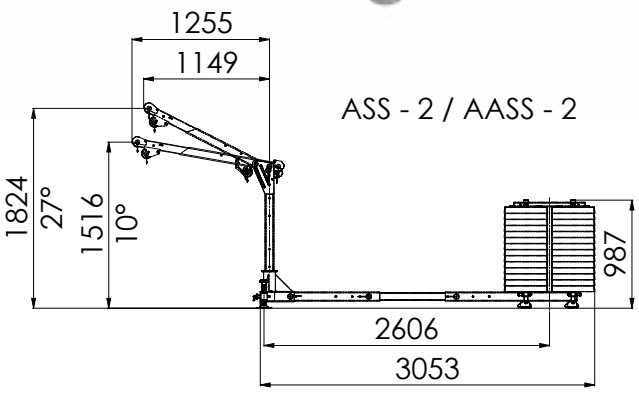
for IKAR Cantilever arms as a complete system according to EN 795:2012 and CEN/TS 16415:2017

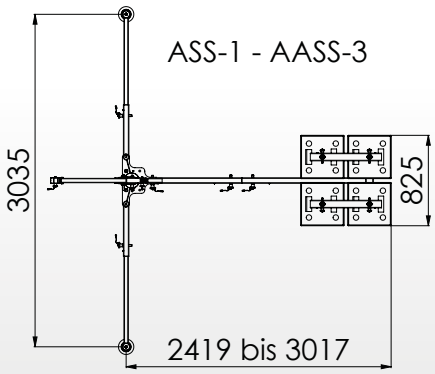
Component of the attachment devices Cantilever arms type ASS 1, ASS 2 and ASS 3 / AASS 1, AASS 2 and AASS 3

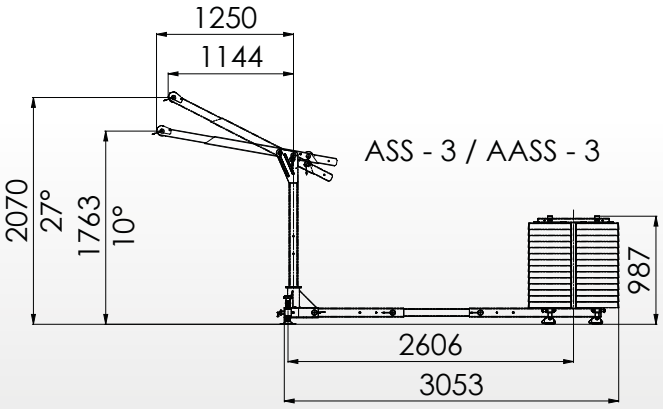
- Swivels and adjusts in case of lack of headroom Ideal for work areas where frequent assembly and disassembly is required
- Min. required counterweights: 560 kg for max. outreach
- No single component heavier than 25 kg
- Compatible with IKAR cantilever arm ASS-1 to ASS-3, AASS-1 to AASS-3
- Boom arm swivel range is 360°, with a maximum load of 300 kg











Order No.	Description	Version	Weight
41-68	Counterweight Sleeve for cantilever arms ASS/AASS 1-3	V4A-stainless steel	136,0 kg

Ground Sleeve BH / Wall Sleeve WH

according to EN 795:2012 and CEN/TS 16415:2017

Component of the attachment devices Cantilever arms type AASS 1-4 / ASS 1-4

- Permanent installation providing a stable base for cantilever arms with a durable, rotatable polyamide bearing.
- Locking bolts for fixing the boom arm position
- Cantilever arm can be easily installed or removed at any time.
- Optional: Cover cap incl. Key for Cover cap

Ground sleeve for cantilever arm

H 280 × W 300 × D 300 mm | Stainless steel V4A

- Anchored to the ground and suitable for mounting on concrete or steel structures.

Wall sleeve (WH) for cantilever arm

H 410 × W 300 × D 73 / 123 / 153 mm

Stainless steel V4A

- Available in three depths and can be mounted on walls, concrete walls, or steel structures.

Retractable ground socket core hole

Includes cover cap | Stainless steel V4A

- Can be retrofitted in concrete floors using special concrete grout.
- Drainage hole: Ø 15 mm.
- Compatible with Ø 120 mm or Ø 160 mm stepped core drilling.

Ground sleeve



Wall sleeve



Retractable ground socket core hole



Order No.	Description	Version	Weight
41-57/1V4	Ground sleeve*	V4A-stainless steel	12,0 kg
41-57/2V4	Wall sleeve*	V4A-stainless steel	13,6 kg
41-57/2-50V4	Wall sleeve + 50 mm AASS/ASS*	V4A-stainless steel	15,6 kg
41-57/2-80V4	Wall sleeve + 80 mm AASS/ASS*	V4A-stainless steel	16,8 kg
41-57/7	Cover cap incl. Key for Cover cap	Plastic	0,5 kg
41-57/9a	Fixing set		
41-57/5V4	Lower Ground Sleeve Core Hold*	V4A-stainless steel	12,0 kg

** mounting hardware not included*

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Brackets

for winches and HRA devices

Winch bracket, upper arm
for ASS-1 und ASS-3
170 × 100 × 90 mm

- The winch is bolted to the mounting bracket.
- Quick and easy installation and removal on the cantilever arm thanks to locking pins – simple, reliable, and tool-free.



HRA bracket, lower arm
for ASS-1 bis ASS-4

- Available in three sizes for HRA 12–24 and HRA 33–42
- The bracket is bolted to the cantilever arm (mounting hardware included).
- Quick installation and removal of the HRA device by simple locking pin fixation.



HRA bracket, upper arm
for ASS-1 uind ASS-3

- Available in three sizes for HRA 12–24 and HRA 33–42.
- The attachment is made entirely using locking pins - for quick, tool-free installation and removal.



Winch bracket, lower arm
for ASS-1 bis ASS-4
200 x 100 x 70 mm

- The winch is bolted to the mounting bracket (mounting hardware included)..



Another version available for the AASS-M upper arm: Order No. 41-54/HLW-AM.

Order No.	Description	Version	Position	Weight
41-54/AWSV4	Bracket for IKAR load winch, 300 kg/PLW	V4A-stainless steel	upper arm	1,0 kg
41-54/A9,5-24V4	Bracket for HRA Devices 9,5 - 24	V4A-stainless steel	lower arm	3,5 kg
41-54/A33-42V4	Bracket for HRA Devices 33 - 42	V4A-stainless steel	lower arm	5,0 kg
41-54/AL9,5-24V4	Bracket for HRA Devices 9,5 - 24	V4A-stainless steel	upper arm	4,5 kg
41-54/AL33-42V4	Bracket for HRA Devices 33 - 42	V4A-stainless steel	upper arm	6,0 kg
41-54/HLW1-4	Bracket for IKAR load winch, 300 kg/PLW	V4A-stainless steel	lower arm	2,2 kg
41-54/AM9,5-24V4	Bracket for HRA Devices 9,5 - 24	V4A-stainless steel	lower arm	3,5 kg
41-54/HLW-AM	Bracket for IKAR load winch, 300 kg/PLW	V4A-stainless steel	upper arm	2,2 kg

HPL and HL with IKAR Cantilever Arms

Certified according to Machinery Directive 2006/42/EC and EN 1808:2015

ASS-1	ASS-3	ASS-2	ASS-4	AASS-M	AASS-MW
41-74	41-73	41-72	41-74	41-58V4a	41-55
					*Image with bracket for HRA devices* 
HRA bracket, lower arm					
41-54/A9,5-24V4		41-54/A33-42V4		41-54/AM9,5-24V4	41-54/A9,5-24V4
HRA 12 - 33		HRA 33 - 42		HRA 12 - 18	HRA 12 - 33
					41-54/A33-42V4
					HRA 33 - 42
HRA bracket, upper arm					
41-54/AL9,5-24V4	41-54/A L33-42V4				
HRA 12 - 33	HRA 33 - 42				
					

HRA 12	HRA 18	HRA 24	HRA 33
41-HRA 12	41-HRA 18	41-HRA 24	41-HRA 33
			
Winch bracket, lower armPLW and Load Winch			
41-54/HLW1-4			
			
Winch bracket, upper arm PLW and Load Winch			
41-54/AWSV4		41-54/HLW-AM	
			

Personnel and Load Winch	Load Winch
41-PLW-DA	41-IKLW 300
	

Personnel Lifting and Rescue Harnesses					
IK G 4 DW	IK G 4 DW R	IK G 4 DW S	IK G 4 DW RS	IK G2 A/B + IKAR Seat Board	IK G2 A/B R + IKAR Seat Board
45-IK G 4 DW	45-IK G 4 DW R	45-IK G 4 DW S	45-IK G 4 DW RS	45-IK G2A/B + 45-IK SB	45-IK G2A/B R + 45-IK SB

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Access Methods without the risk of a fall.

With the approved complete machine, driving over ladders or step irons with the resulting risk of falling and injury is a thing of the past.

Personnel and Load Winch

according to RL 2006/42/EG and EN 1808:2015



The PLW winch is a submachine and component for lifting and lowering persons and loads of the approved HPL complete machine for the access procedure without risk of falling in shafts, ducts and narrow spaces of sewage systems or industrial tanks. Access via ladder entrances or crampons and the associated risks of falling and injury are now a thing of the past. The PLW can also be combined with IKAR tripods, catilever arms and HRA devices of the new generation to complete our machine type HPL according to RL 2006/42 / EG.

IKAR Personnel and Load Winch

- Hand crank cable winch for easy and jerk-free lifting and lowering of persons and goods
- Maximum nominal load: 300 kg
- Stainless steel rope with Ø 6 mm (minimum breaking force 18,76 kN)
- Cable length max. 30 m
- Crank length 250 mm
- Compatible with IKAR - tripods and catilever arms

Order No.	Cable Length	Nominal Load	Dimensions *(mm)*	Weight
41-PLW-DA	max. 30 m	300 kg	230 x 336 x 200	18,5 kg

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Lifting Devices for persons and loads (HPL)

according to RL 2006/42/EG and EN 1808:2015



The lifting device for persons and loads of type
IKAR HPL consists of a suspension construction in the
form of a mobile aluminium tripod or a stainless steel cantilever arm.
The IKAR PLW winch, as well as the IKAR HRA safety device, is attached to the special mounting points of the suspension structures by means of a quick change mount.

Lifting Devices for persons and loads (HPL) with

- Suspension construction IKAR tripods or suspension construction IKAR cantilever arms
- PLW personnel and load winch
- Rescue device IKAR HRA
- Harness type IK G 4

Application:

entering of shafts, ducts, confined spaces

Areas of use:

Sewage engineering and entering container (tanks)

Lifting Devices for Loads (HL)

according to RL 2006/42/EG



The lifting device for loads of type IKAR HL consists of a suspension construction in the form of a mobile aluminum tripod or a stainless steel cantilever arm of type IKAR ASS or AASS. The IKAR load winch, 300 kg is attached to the special mounting points of the suspension structures by means of a quick-change bracket.

Lifting Device for Loads with

- Suspension construction IKAR Tripods or supension construction for IKAR cantilever arms
- IKAR load winch, 300 kg

Application:

Load transport from the depths

Areas of use:

Sewage engineering and entering container (tanks)

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IKAR load winch, 300 kg

- The hand-crank rope winch is particularly suitable for easy and jolt-free lifting and lowering of diverse loads
- Maximum nominal load is 300 kg
- Galvanized steel rope Ø 6 mm
- Rope length max. 20 m



Order No.	Description	Material	Weight
41-IKLW 300	IKAR load winch, 300 kg	Galvanized steel	7,0 kg

IKAR Winch Mounting Brackets

for quick mounting and removal of the personnel or load winch, including for transport purposes.

- Max. Load: 300 kg
- Including Fixing Material

Cantilever Arm Bracket

- Winch will be fixed to the bracket



Cantilever Arm upper arm

Cantilever Arm lower arm

Tripod Winch Mounting Brackets

- Bracket is mounted to the tripod leg
- Available in two versions:
  1. DB-A3 / DB-A2
  2. DB-A4

Tripod Winch Mounting Brackets DB-A3 / DB-A2



Tripod Winch Mounting Brackets DB-A4



Order No.	Description	Material	Position	Weight
41-54/AWSV4	Winch bracket	V4A-stainless steel	upper arm	1,0 kg
41-54/HLW1-4	Bracket for IKAR load winch, 300 kg/PLW	V4A-stainless steel	lower arm	2,2 kg
41-54a/DWS	Tripod Mounting Bracket DB-A3 / DB-A2	Aluminium		1,6 kg
41-54a/DWS-DB4	Tripod Mounting Bracket DBA-A4 XL	Aluminium		1,8 kg

IKAR Load holder AL 100

Automatic Load Holder with Pulleys – Machinery Directive 2006/42/EC certified

AL 100 – Powerful Lifting, Simple and Safe

The AL 100 lifting device is your reliable assistant for manually raising, holding, and controlled lowering loads up to 100 kg. Thanks to the supplied pulleys and connecting elements, the load holder can be optimally adapted to the respective load – enabling efficient, low-effort, and safe operation at varying heights.



Robust, Durable, and Reliable

The AL 100 housing is made of corrosion-resistant die-cast aluminum. Inside, a pulley with a speed-regulated backstop ensures that the load does not fall uncontrollably when the rope is released. The durable polyamide kernmantle rope, lightweight aluminum pulleys, and strong steel connecting elements guarantee maximum mechanical efficiency and long-lasting performance.

Simple Operation

- **Lift load:** Pull the rope
- **Hold load:** safety catch mechanis
- mengages automatically
- **Lower load:** Release the safety catch catch mechanism, and the AL 100 returns to standby mode

Technical Data:

- Max. load: 100 kg
- Kernmantle rope KMSAL Ø 10.5 mm

Max. rope length: 180 m

- Max. lifting height: 90 m with 20 kg load
- Max. lifting height: 30 m with 100 kg load

Art.-Nr.	Bezeichnung	Material	Gewicht
43-AL 100 U 30	AL 100 Load holder, 30 m rope	Aluminium	3,1 kg
43-AL 100 U 100	AL 100 Load holder, 100 m rope	Aluminium	4,9 kg
43-AL 100 U 180	AL 100 Load holder, 180 m rope	Aluminium	9,5 kg

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Exemplary performance relieves the employee.

IKAR Controlled Descent Devices are the ideal partner for actively rescuing 2 people or for evacuating several people and for training.

Controlled Descent Devices

Descent and Rescue Technique for your Safety

The evaluation and selection of rescue technology includes not only the one-time rescue emergency, but also the safe performance of rescue exercises.

Users benefit from a comprehensive protection concept with the centrifugally controlled rescue technique.



Automatic Safety

The centrifugal brake system automatically regulates the descent speed to 1.2 m/s.

Stability

The IKAR kernmantle rope KMS 105 is specially designed to meet the requirements of the IKAR centrifugal force-controlled rescue technology.

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Application Safety

The ball-bearing swivel enables the device to be rotated easily, even under load.

Easy Lifting with backstop

Version with Wheel:



The lifting of injured persons with the hand wheel with a transmission ratio of 1:10 can be done effortlessly.

The switchable backstop prevents the person from being lowered unintentionally if the handwheel is released.

Safe Lifting

Speedlift:



Fast, manual lifting of persons is possible intuitively, safely and efficiently by means of the safety lift ratchets via the direct lift drive.

When the safety lift ratchets are released, the connection to the load line is immediately disconnected (no touch, no function). This reliably excludes the possibility of the lifting ratchets kicking back.

Rescue without effort

Powerlift:



The AKKU drive for lifting heights for up to 200 m guarantees fatigue-free lifting of injured persons.

Controlled Descent Device Favorit

ABS 3a W and ABS 3a WH

according to EN 341:2011/1A resp. 1B; EN 1496:2017/A; ANSI/ASSE Z359.4-2013

ABS 3a W – engineered for abseil rescue operations with up to two persons. The high-quality braking system allows smooth and controlled descent, while minimizing stress on the brakes and wear on the lanyard.



The controlled descent device ABS 3a WH with rescue hoisting facility utilises an integrated lifting facility with switchable reverse lock and is therefore the ideal device for self-rescue or the third party rescue of persons suspended in their personal fall protection equipment following an arrested fall.



	ABS 3a W		ABS 3a WH	
Standard	EN 341:2011/1A ANSI/ASSE Z359.4-2013	EN 341:2011/1B	EN 341:2011/1A EN 1496:2017/A ANSI/ASSE Z359.4-2013	EN 341:2011/1B EN 1496:2017/A
Nominal load	140 kg	200 kg	140 kg	200 kg
Descent metres	5.600	800	5.600	800
Minimum load	50 kg	50 kg	50 kg	50 kg
Descent metres	15.200	15.200	15.200	15.200
Lifting nominal load	--	--	140 kg	200 kg
Nominal load ANSI/ASSE	282 kg	--	282 kg	--
Minimum load ANSI/ASSE	59 kg	--	59 kg	--
Static proofload	20 kN	20 kN	20 kN	20 kN
Persons	1	2	1	2
Descent speed	1,5 m/s	1,5 m/s	1,5 m/s	1,5 m/s
max. lifting capacity	--	--	200 m	200 m

Order No.	Suspension	Weight	Dimensions *(mm)*	Function
42-ABS 3a W 2P	Swivel	1,2 kg	160 x 90 x 70	Descending
42-ABS 3a WH 2P	Swivel	1,9 kg	200 x 200 x 120	Descending

Order No.	Dimension	Weight	Rope Suspention	Function
KMS 105-X	Ø 10,5 mm	70 g/m	up to 20 m, carabiner on both sides	Lowering rope
KMS 105	Ø 10,5 mm	70 g/m	Per metre additionally	Lowering rope

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Controlled Descent Device Favorit

ABS 3a WH SpeedLift and PowerLift

according to EN 341:2011/1A resp. 1B; EN 1496:2017/A

ABS 3a WH SpeedLift

ABS 3a WH SpeedLift stands for innovation, speed and, above all, safety. The device enables fast lifting of 2 persons due to its direct drive and is equipped with safety lifting ratchets. The "no touch, no function" mechanism gives the user full control over the activation or deactivation of the lifting function, a kickback of the ratchets is impossible.



- Directional points to increase rappelling comfort when lowering at the housing of the unit
- Swivel with ball-bearing
- Switchable reverse lock
- Lowering rope KMS 105 EN 1891:1991 A

ABS 3a WH PowerLift

The combination of our powerful descender ABS 3a WH and the cordless screwdriver with an 8.0 Ah battery, enables a power-saving maximum lifting capacity up to 200 m. The loss protection is established via a magnetic connection between the cordless screwdriver and the ABS 3a WH PowerLift, thus ensuring maximum safety for the user.



- Cordless screwdriver
- Charger, torque multiplier, handle
- One battery for max. 107 m hoist
- Lifting speed freely selectable
- Lowering rope KMS 105 EN 1891:1991 A

Order No.	Suspension	Weight	Dimensions *(mm)*	Function
42-ABS 3a WH SpeedLift	Swivel	3,3 kg	495 x 140 x 120	Descending / Lifting
42-ABS 3a WH PowerLift	Swivel	2,1 kg	220 x 200 x 120	Descending / Lifting
Battery operated driver	Hexagon nuts	3,0 kg	-	Drive

Order No.	Dimension	Weight	Rope Suspention	Function
KMS 105-X	Ø 10,5 mm	70 g/m	up to 20 m, carabiner on both sides	Lowering rope
KMS 105	Ø 10,5 mm	70 g/m	per metre additionally	Lowering rope

Controlled Descent Device Bison

ABS 4W and ABS 4WH

according to EN 341:2011/1A; EN 1496:2017/A; ANSI/ASSE Z359.4-2013



The controlled descent device Bison ABS 4 W is the revolution in the field of performance and quality in relation to the current world-wide safety standards for rescue technology with automatic speed regulation.

The centrifugal brakes keep the speed constant during the entire abseiling process and thus enable a fast and safe evacuation of 2 persons at the same time. In addition, the abseiling speed can be controlled manually using the deflection points and the rope guide groove provided on the device. The ABS 4 W Bison is excellently suited for use in pendulum mode.

That is why the Bison ABS 4 W is the ideal partner for active self-rescue or for evacuation measures of several people as well as for training measures.

	ABS 4W	ABS 4WH
Standard	EN 341:2011/1A ANSI/ASSE Z359.4-2013	EN 341:2011/1A EN 1496:2017/A ANSI/ASSE Z359.4-2013
Nominal load	200 kg	200 kg
Descent metres	3.800	3.800
Minimum load	50 kg	50 kg
Descent metres	11.000	11.000
Lifting nominal load	--	200 kg
Nominal load ANSI/ASSE	282 kg	282 kg
Minimum load ANSI/ASSE	59 kg	59 kg
Static proofload	20 kN	20 kN
Persons	2	2
Descent speed	1,5 m/s	1,5 m/s
max. lifting capacity	--	200 m



The ABS 4WH has an integrated lifting device with switchable back-stop and is therefore the ideal devicefor self-rescue or external rescue of persons who, after a fall, have been caught in their personal fall protection equipment.

Order No.	Suspension	Weight	Dimensions *(mm)*	Function
42-ABS 4W	Swivel	1,7 kg	250 x 97 x 79	Descending
42-ABS 4WH	Swivel	3,2 kg	250 x 200 x 128	Descending / Lifting

Order No.	Dimension	Weight	Rope Suspention	Function
KMS 105-X	Ø 10,5 mm	70 g/m	up to 20 m, carabiner on both sides	Lowering rope
KMS 105	Ø 10,5 mm	70 g/m	Per metre additionally	Lowering rope

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Controlled Descent Device Bison

ABS 4WH SpeedLift and PowerLift

according to EN 341:2011/1A; EN 1496:2017/A

ABS 4WH SpeedLift

The "no touch, no function" mechanism gives the user a high degree of control over the activation or deactivation of the lifting function. The new safety lift ratchet handles of the IKAR ABS 4 WH SpeedLift are the best choice for the users.



- Safety ratchet drive (no touch no, function)
- Deviation points on the housing of the device
- Swivel with ball-bearing
- Switchable reverse lock
- Lowering rope KMS 105 EN 1891:1991 A

ABS 4WH PowerLift

The combination of our powerful Descent device ABS 4 WH and the battery-operated driver with an 8.0 Ah battery, allows a maximum lifting capacity of 200 m. The connection between the battery-operated driver and the ABS 4 WH PowerLift is given by a magnetic connection which ensure the maximum safety if the user.



- Cordless screwdriver
- Charger, torque multiplier, handle
- One battery for max. 107 m hoist
- Lifting speed freely selectable
- Lowering rope KMS 105 EN 1891:1991 A

Order No.	Suspension	Weight	Dimensions *(mm)*	Function
42-ABS 4WH SpeedLift	Swivel	3,7 kg	495 x 140 x 120	Descending / Lifting
42-ABS 4WH PowerLift	Swivel	3,2 kg	200 x 200 x 120	Descending / Lifting
Battery operated driver	Hexagon nuts	3,0 kg	-	Drive

Order No.	Dimension	Weight	Rope Suspention	Function
KMS 105-X	Ø 10,5 mm	70 g/m	up to 20 m, carabiner on both sides	Lowering rope
KMS 105	Ø 10,5 mm	70 g/m	per metre additionally	Lowering rope

The most compact descender with rescue lift function

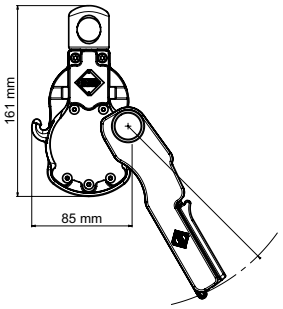
IKAR ABS 6 WH Evy

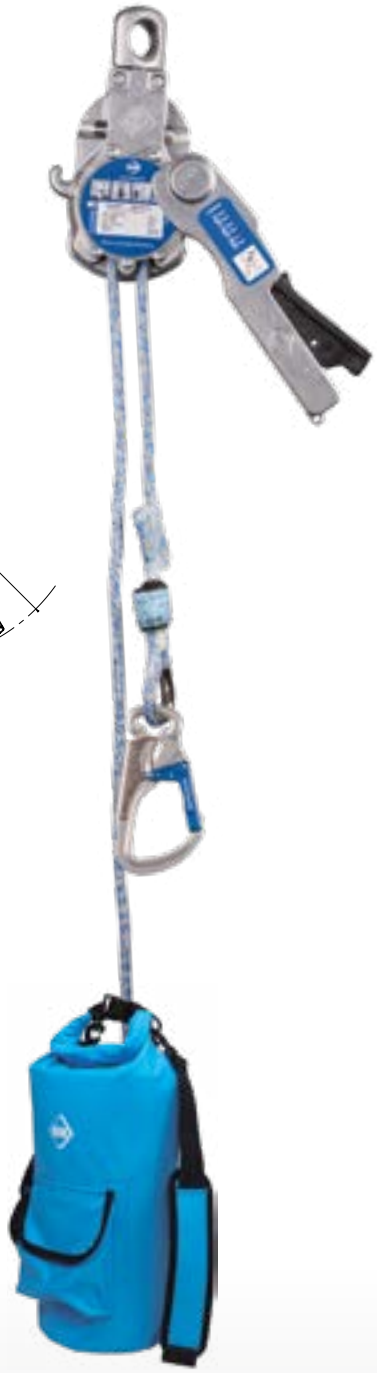
nach EN 341:2011/1D und EN 1496:2017/A

The ultimate abseiling device with integrated rescue lift function

Setting new standards in safety and efficiency. Its compact design and durable construction make it the perfect choice for professional rescue operations under extreme conditions.

	ABS 6 WH
Standard	EN 341:2011/1D; EN 1496:2017/A
Nominal load	140 kg
max. Descent metres	300 m
Minimum load	50 kg
Persons	1
Descent speed	1,5 m/s
max. lifting capacity	3 m





- Integrated rescue hoist function: Allows lifting a person in emergency situations.
- Extremely compact & low maintenance: Despite its compact size, maintenance requirements are minimal, as with all our devices.
- High-quality materials: Housing made from robust, seawater-resistant aluminum.
- Maximum flexibility: Ball-bearing swivel joint for smooth, effortless movement in any situation.
- Included accessories: IKV 35 carabiner with TWIST-LOCK safety.
- Delivered in a sea bag tailored to the device and system length.

Order No.	Suspension	Weight	Dimensions *(mm)*	Function
42-ABS 6 WH	Swivel	1,17 kg	161 x 80 x 128	Descending / Lifting

Order No.	Dimension	Weight	Rope Suspention	Function
KMS 06-20	Ø 6 mm	26,5 g/m	up to 20 m, carabiner on one side	Lowering rope
KMS 06	Ø 6 mm	26,5 g/m	Per metre additionally	Lowering rope

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Vacuum Packaging System

for IKAR rescue and evacuation systems ABS 3 / ABS 4 / ABS 6

Complete long-term storage and transport packaging of the rescue and evacuation systems prepared for ABS 3a WH/W or ABS 4 WH/W with all necessary accessories.



- A choice of a sealed high quality hard case, waterproof bag or aluminum box is available
- The contents are packed in a vacuum-sealed plastic bag and are therefore protected for the long term
- Resistant to external environmental influences
- If the plastic packaging is undamaged, the contents are maintenance-free for a period of 10 years.

Application:

Rescue, abseiling

Areas of use:

Industry, Wind turbines, cable cars





Order No.	Application Lenght	Weight*	Housing	Dimensions *(mm)*
41-KSET/z61*	up to 50 m KMS 105	12,0 kg	Plastic	555 x 428 x 211
41-KSET/z62*	50 - 150 m KMS 105	23,0 kg	Plastic	687 x 528 x 276
41-KSET/z63*	150 - 200 m KMS 105	28,0 kg	Plastic	687 x 528 x 366
41-BSET	up to 200 m KMS 105	1,3 kg	Plastic	1100 x 500
41-ASET	up to 200 m KMS 105	4,6 kg	Aluminium	775 x 385 x 375

** Pos. 1-3: Weight specifications refer to the respective equipment with max. rope lengths of 50, 150 and 200 meters.*

HAS

Fall Arrester with automatic controlled descent

according to EN 341:2011/1C; EN 360:2023

The IKAR HAS abseil rescue devices are used for fall protection of persons on high workplaces, where a rescue of persons by other employees is not possible or an escape rescue (danger due to fire or deflagration) of persons is necessary e.g. during loading activities on tank or tank wagons, or work platform, if the rescue route downwards is free of obstacles.

During the working movement, the person can move freely in the pull-in and pull-out area of the device without working against a braking resistance. Thus, no wear is generated on the brake.

In the event of a fall, pawls engage in the gearbox, which is connected to the centrifugal brake. Now the person is safely roped down. In the event of danger, the person can escape from the danger zone by jumping into the device and is safely rappelled down.

The snap hook with fall indicator on the lanyard of the device shows the user whether the device has been loaded by a fall and must be checked.



- Nominal load: 136 kg
- Proof load EN 341: 170 kg
- Max. descent speed: approx. 1,0 m/s
- Certified for 1 person
- Aluminium housing
- galvanized steel rope / stainless steel
- 185 mm carabiner hook (IKV 21)



Application:

Arrest, rescue

Areas of use:

Industry

Order No.	Application Length	Weight	Nominal Load	Dimensions *(mm)*
42-HAS 9a	9 m steelrope Ø 5,5 mm	5,1 kg	136 kg	463 x 172 x 126
42-HAS 18	18 m steelrope Ø 4,8 mm	11,0 kg	136 kg	580 x 232 x 135
42-HAS 30	30 m steelrope Ø 4,8 mm	17,0 kg	136 kg	610 x 280 x 140
42-HAS 9 E a	9,00 m VA-rope	5,1 kg	136 kg	463 x 172 x 126
42-HAS 18 E	18,00 m VA-rope	11,0 kg	136 kg	580 x 232 x 135

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PPE-Backpack

Ideal for storing and transporting PPE materials

The backpack is made from sturdy and dirt-repellent nylon material, equipped with splash-proof zips. It is the perfect partner for every user of PPE.

External features:
Stowable padded backpack straps, adjustment metal buckles, carry handle with carabiner loop for rope transport, Velcro label, bottom protection studs.

Internal features:
8 pockets, carabiner-/material-/ rope straps, 4 straps with buckles for material fixation.
Measurements: 70 x 30 x 17 cm



Order No.	Colour
40-60	blue

Abseiling gloves

Safe grip and perfect hand protection

Special abseiling gloves suitable for abseiling, rescue and rescue from heights.

- Extremely durable synthetic leather sewn with Kevlar threads
- All-round wrist support for perfect fixation on the wrist
- Padded ankle protection
- Abrasion-reinforced fingertips
- Washable and breathable
- Weight: ca. 130 g



Order No.	Size
46-RRH-S	S
46-RRH-M	M
46-RRH-L	L

Order No.	Size
46-RRH-XL	XL
46-RRH-XXL	XXL

Safety Helmet

according to EN 397



This high-tech helmet was designed for professional work. It is lightweight, durable, compact and well ventilated. The chin strap with 4 attachment points ensures for high wearing comfort.

- Available in 8 colours
- Suitable for head lights and the fitting of a visor
- 2 visor variants (not included)
- Adjustable sizes 51 – 62 cm
- Weight: 390 g

Order No.	Colour
46-Helm-WE	white
46-Helm-HE	light blue
46-Helm-GR	green
46-Helm-GE	yellow
46-Visier-TR	transparent

Order No.	Colour
46-Helm-BL	blue
46-Helm-RO	red
46-Helm-OR	orange
46-Helm-DG	dark green
46-Visier-SM	tinted

Rescue Clamp Type BK and DK

according to CNB/P/11.115 Rev.01 (E):2015-09-24



The IKAR rescue clamps BK and DK are used exclusively for the rescue of a person who is suspended from a personal fall system, when the rescuer cannot connect the rescue device directly to the person. The rescue clamps are approved for 1 person.

- Enables unhindered lifting and lowering of the person to be rescued
- Easy and fast handling
- max. permissible load: 136 kg, minimum load: 50 kg
- Suitable only for:
  - IKAR webbing 19 mm - 25 mm
  - KAR steel and stainless steel ropes of ø 4,8 mm diameter

Order No.	Length	Width	Height	Weight	Load Capacity *(mind. / max.)*
41-BK	100 mm	45 mm	76 mm	340 g	50 kg / 136 kg
41-DK	85 mm	25 mm	65 mm	180 g	50 kg / 136 kg

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Deflection Roller for Kernmantle Rope

Deflection with minimized frictional resistance

Stable, smooth running pulley for ropes up to Ø 10,5 mm in a corrosion-resistant version

- Maximum load of 18 kN
- Weight approx. 0,2 kg



Order No.	max. Load	Weight
46-Z13	max. 18 kN	200 g

Edge Protector

Safe rope route over edges

- Sturdy, corrosion-resistant stainless steel design
- Guided rope protection for ropes guided over edges
- Loss protection due to permanently attached, plastic-coated steel safety rope with snap hook, Ø 3 mm x 1.5 m length



Order No.	Dimensions *(mm)*	Weight
42-Z3	150 x 120 x 3	1,0 kg

Telescopic Remote Reach Rescue Pole

for attaching the rescue rope to an injured person

Up to ca. 3.70 m extendable aluminum telescopic pole fitted with carabiner holder at the top end, can only be used in conjunction with an IKAR IKV 11 or an IKV 47 carabiner attached to IKAR Ø 10.5 mm kernmantle rope.

- Suitable for the use with ABS 3 and ABS 4
- Minimum length: 730 mm
- Weight: 0,57 kg



Order No.	Description
41-z19	Telescopic Rescue Pole

Order No.	Description
40-57	Protective bag, blue

T-Bar

iIdeal aid for rescue operations

The IKAR T-Bar (rope release lever) is an aid for restraining close-fitting ropes and webbings from the structure so that, for example, a rescue clamp can be easily connected to the lanyard of a fallen person. The lever is loss protected by the integrated, plastic-coated steel rope with carabiner.

- Lightweight and robust construction made from aluminium
- Rounded edges to protect the lanyard from damage
- Fixed, plastic-coated steel safety rope with snap hook, Ø 3 mm x 1500 mm length



Order No.	Dimensions *(mm)*
42-Z 5	430 x 160 x 23

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Proven Technology.
Proven Safety.

A suitable anchorage device / anchorage point is a prerequisite for the use of personal fall protection systems. IKAR GmbH not only offers a selection of anchoring systems, but also professional assembly on request.

Webbing Anchorage Sling

according to EN 795:2012 Typ B; CEN/TS 16415:2013; EN 354:2010

used as a transportable anchorage element and as part of a personal fall protection system

- Sewn loop sling made from 28 mm polyester webbing
- Fitted with a tubular web wear sleeve
  Can be used as a mobile anchorage sling for up to 2 persons



Application:	Anchorage device for use in fall restraint and fall arrest systems
Areas of use:	Industry, construction and utility

Length	Order No.	Weight
0,50 m	45-IK AB 50	100 g
1,00 m	45-IK AB 100	200 g
1,50 m	45-IK AB 150	300 g
2,00 m	45-IK AB 200	400 g



Dyneema Webbing Anchorage Sling

according to EN 795:2012 Typ B; CEN/TS 16415:2013; EN 354:2010

used as a transportable anchorage element and as part of a personal fall protection system

- Sewn loop sling made from dyneema® webbing
- Fitted with a tubular web wear sleeve
- Can be used as a mobile anchorage sling for up to 2 persons



Application:	Anchorage device for use in fall restraint and fall arrest systems
Areas of use:	Industry, construction and utility

Length	Order No.	Weight
0,50 m	45-IK ABD 50	100 g
1,00 m	45-IK ABD 100	200 g
1,50 m	45-IK ABD 150	300 g
2,00 m	45-IK ABD 200	400 g



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Webbing sling with abrasion-resistant webbing protection

according to EN 795:2012 Typ B; CEN/TS 16415:2013; EN 354:2010

used as a transportable anchorage element and as part of a personal fall protection system

- Webbing anchorage sling, 22 mm wide, made of double-layered Dyneema®/PES webbing
- Features 29 mm wide hose webbing, made of PES basket weave sheath
- Can be used as a mobile anchorage sling for up to 2 persons.
- With IKV 28 carabiner hook



Application: Anchorage device for use in fall restraint and fall arrest systems

Areas of use: Industry, construction and utility

Length	Order No.	Weight
0,75 m	45-IK28 BSL 75	529 g
1,50 m	45-IK28 BSL 150	604 g
2,00 m	45-IK28 BSL 200	661 g

Steel Cable Anchorage Sling

according to EN 795:2012 Typ B; CEN/TS 16415:2013; EN 354:2010

used as a transportable anchorage element and as part of a personal fall protection system

- Swaged double ended loop sling
- Ø 6 mm galvanized steel cable
- Can be used as a mobile anchorage sling for up to 2 persons



Application: Anchorage device for use in fall restraint and fall arrest systems

Areas of use: Industry, construction and utility

Length	Order No.	Weight
0,50 m	45-IK AS 50	185 g
1,00 m	45-IK AS 100	265 g
1,50 m	45-IK AS 150	345 g
2,00 m	45-IK AS 200	425 g

Eyebolt AP-Fix W rotating

according to N 795:2012 Typ A; CEN/TS 16415:2013

With its 360° rotatable eyelet, the AP-Fix W offers an optimum of freedom of movement, especially in limited working areas such as wind turbines, on large machines, in maintenance halls or in industrial production facilities.

- Free rotating ring eye
- incl. mounting material

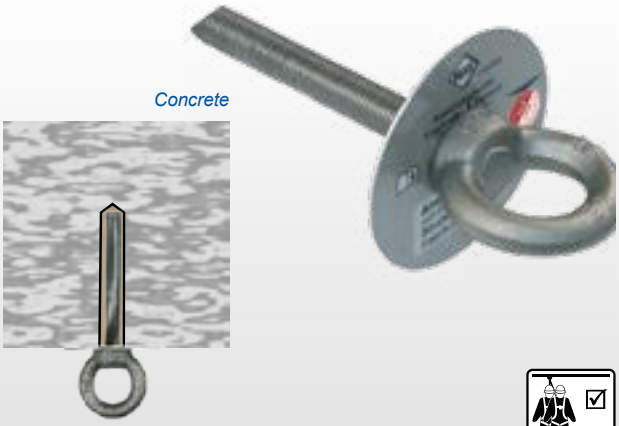


Order No.	max. Load	Weight
AP-Fix W	2 Pers.	480 g

Eyebolt AP-Fix

according to EN 795:2012 Typ A; CEN/TS 16415:2013

- Ring eyelet made from stainless steel V2A, with threaded bolt M 16 for anchoring in concrete with reaction adhesive
- Galvanised total length approx. 125 mm



Order No.	max. Load	Weight
AP-Fix	2 Pers.	440 g

Eyebolt AP-Fix S

according to EN 795:2012 Typ A; CEN/TS 16415:2013

- ring eyelet with threaded bolt M 16 for fastening to steel constructions with nut and washer, made from stainless steel V2A
- Clamping length max. 40 mm
- total length approx. 65 mm



Order No.	max. Load	Weight
AP-Fix S	2 Pers.	460 g

Mobile, rotatable anchor point MAP

according to EN 795:2012 Typ B; CEN/TS 16415:2017

- Anchor point removable at the push of the safety button, suitable for up to 2 persons
- Ø 24 mm sleeve for anchoring in concrete with injection adhesive (MAP-H) or for anchoring to steel structures (MAP-SH)
- Sleeve and ball bearing pin with rotatable eyelet made from stainless steel
- Sleeve length approx. 100 mm or long sleeve approx. 450 mm, metric sleeve thread M 24 external
- Weight 300 g



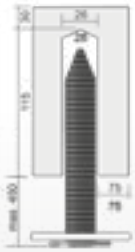
Sleeve MAP-SH



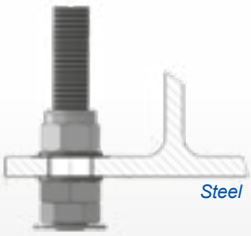
Sleeve MAP-H



Mobile Eyebolt MAP



Concrete



Steel



Sleeve with Mobile Eyebolt

Mobile Eyebolt:

Order No.
MAP

Sleeve versions - Concrete:

Order No.	Order No.
MAP-H 100	MAP-H 350
MAP-H 150	MAP-H 400
MAP-H 200	MAP-H 450
MAP-H 250	MAP-H 500
MAP-H 300	MAP-H 550

Sleeve versions - steel

Order No.	Order No.
MAP-SH 100	MAP-SH 350
MAP-SH 150	MAP-SH 400
MAP-SH 200	MAP-SH 450
MAP-SH 250	MAP-SH 500
MAP-SH 300	MAP-SH 550

AP-MAV

according to EN 795:2012 Typ B und CEN/TS 16415:2017

The mobile anchorage connector is intended for the creation of a suitable anchorage point on an IKAR kernmantle rope type KMS 105 and has been tested and approved for fall protection and rescue of a maximum of 2 people.



- Aluminium construction
- Easy to use
- Corrosion resistant coating

Order No.	Weight
AP-MAV	0,17 kg

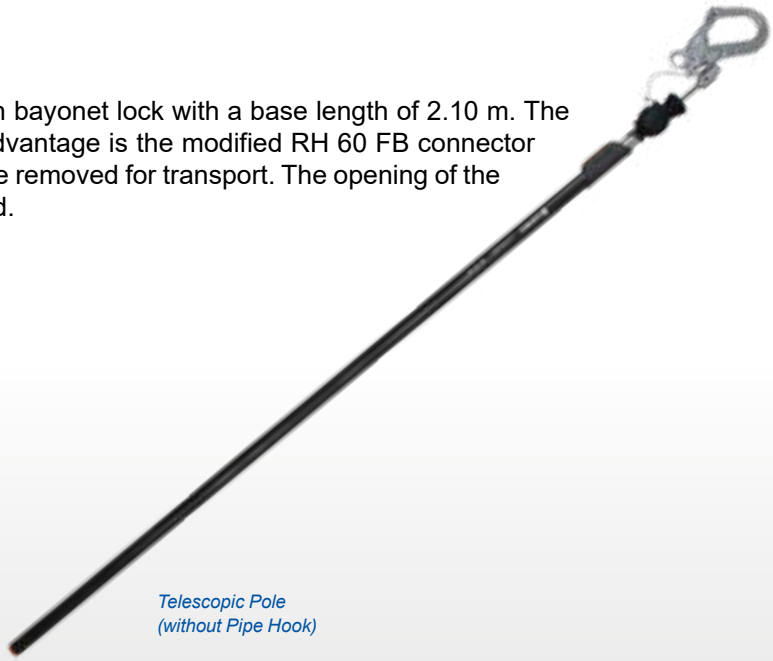
Telescopic Pole

for fixing a temporary attaching point

Very stable extendable aluminium pole with bayonet lock with a base length of 2.10 m. The maximum extension length is 3.90 m. An advantage is the modified RH 60 FB connector with an opening gate of 60 mm, which can be removed for transport. The opening of the pipe hook is done by the integrated pull cord.



Pipe Hook RH60 FB with 5 m draw string



Telescopic Pole (without Pipe Hook)

Order No.	Description
RH60FB	Pipe Hook

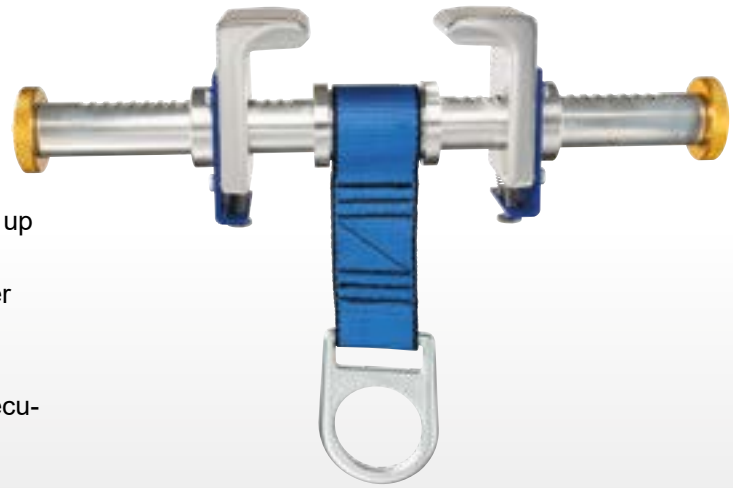
Order No.	Description
Teleskop	Telescopic Pole

Anchorage Beam Clamp

according to EN 795:2012 Typ B

Easily mountable and removable anchor point for commercially available I-shaped steel beam structures.

The structure is not damaged during assembly and application.



- Adjustable beam clamp
- Designed to fit 84 - 265 mm wide "I" Beams up to 23 mm thick
- Made of sturdy and light aluminium/polyester webbing
- Nickel plated D-Ring
- Spring loaded easily adjustable jaws with securing screws
- Minimum breaking load : 18 kN

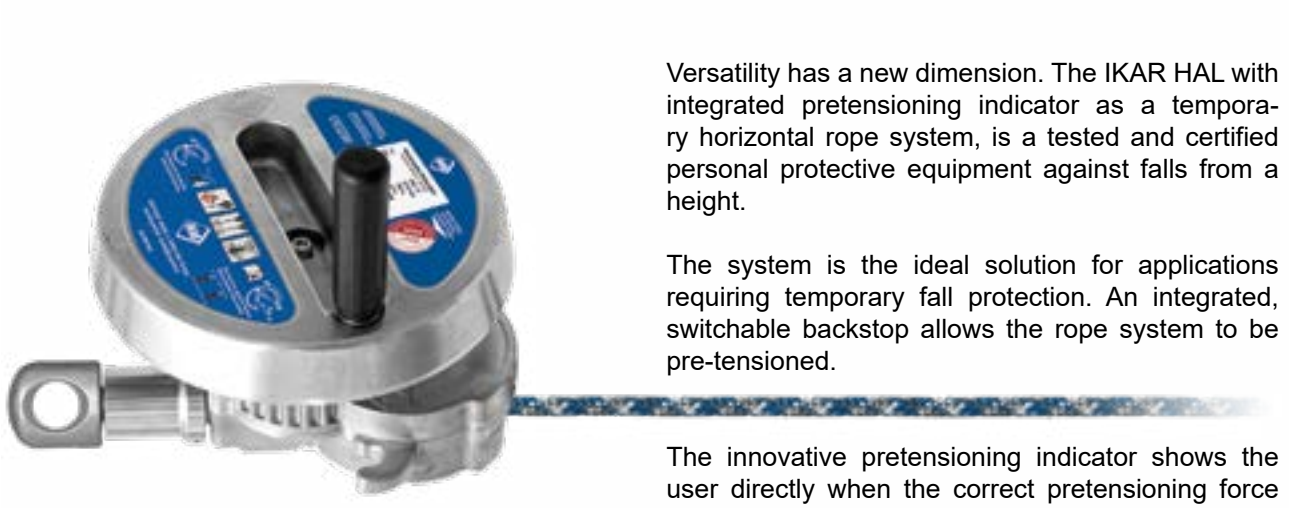
Order No.	max. Load	Weight
41-TK	1 Pers.	2,2 kg

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Temporary horizontal lifeline HAL

ABS 3a WH with pre-tension indicator

according to EN 341:2011/1A bzw. 1B; EN 1496:2017/A; EN 795:2012 Typ B/C



Versatility has a new dimension. The IKAR HAL with integrated pretensioning indicator as a temporary horizontal rope system, is a tested and certified personal protective equipment against falls from a height.

The system is the ideal solution for applications requiring temporary fall protection. An integrated, switchable backstop allows the rope system to be pre-tensioned.

The innovative pretensioning indicator shows the user directly when the correct pretensioning force has been reached. In addition, the IKAR HAL system presents itself as a descender rescue device. A person who has fallen into the system can be lowered over a maximum length of 100 meters. This saves valuable time in the event of rescue.



- Maximum span 12 m
- System capacity of 2 Persons
- Rescue length up to 100 m
- Pre-tension 1,0 kN
- Kernmantle rope Ø 10,5 mm
- CE conformity tested with IKAR Retractable Type Fall Arrester

Application:

Attachment, Rescue

Areas of use:

Industry, Scaffolding, Construction

Order No.	Suspension	Weight	Dimensions *(mm)*	Function
42-HAL 12	Swivel	3,2 kg	248 x 197 x 147	Anchorage device / rescue device

Order No.	Dimension	Weight	Rope Suspension	Function
KMS 105-X	Ø 10,5 mm	70 g/m	up to 20 m, carabiner on both sides	Lowering rope
KMS 105	Ø 10,5 mm	70 g/m	per metre additionally	Lowering rope

Carriage for Personal Fall Protection Devices

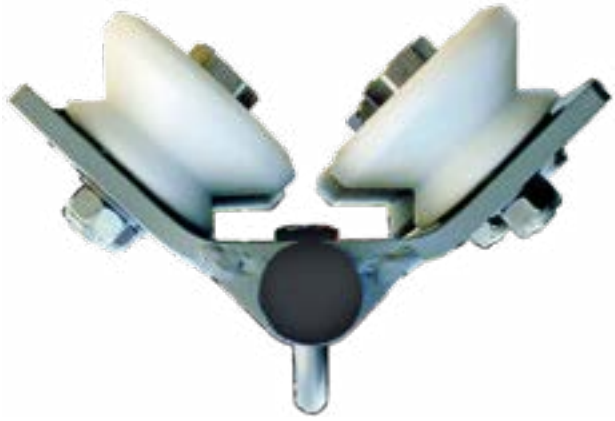
certified as mobile anchorage device for personal safety devices in accordance with EN 795:2012 Type B

The IKAR carriage is a mobile anchoring device for securing a person to an existing I-beam steel structure. The construction must be able to withstand the forces that occur in the event of a fall, in the direction of the load. (According to EN 795, verification by the technical building regulations).



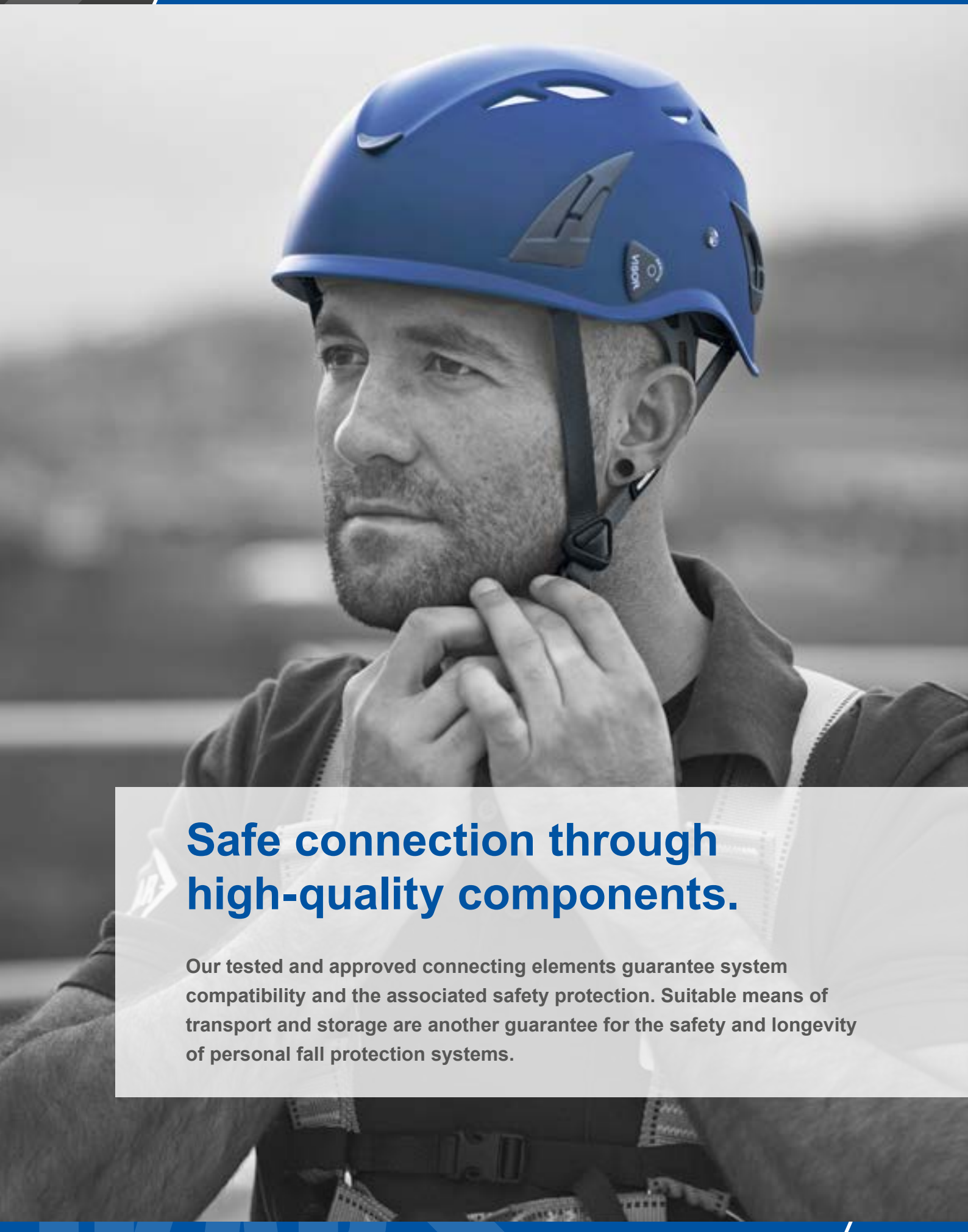
- Corrosion-resistant V2A stainless steel design
- Smooth-running design due to guide rollers with dual ball-bearings
- For optimum backlash-free running of the carriage track clearance is adjustable by eccentric bolts
- Low-noise, structure-friendly running due to polyamide rollers
- Automatically follows in a vertical position above the user
- Impact bumpers mounted on both sides
- Available for various IPE beam sizes (see table below)





Order No.	Type	Beam Type	max. Field Length
41-LW 100	LW 100	IPE 100	3.000 mm
41-LW 120	LW 120	IPE 120	4.000 mm
41-LW 140	LW 140	IPE 140	4.000 mm
41-LW 160	LW 160	IPE 160	6.000 mm
41-LW 200	LW 200	IPE 200	8.000 mm
41-LW 270	LW 270	IPE 270	10.000 mm
41-LW 360	LW 360	IPE 360	15.000 mm

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Safe connection through high-quality components.

Our tested and approved connecting elements guarantee system compatibility and the associated safety protection. Suitable means of transport and storage are another guarantee for the safety and longevity of personal fall protection systems.

Trusted Protection
When Every Split Second Matters!

A wide variety of applications, along with local and client-specific requirements, present challenges for our Retractable Type Fall Arresters. To meet these needs, we can supply lanyard connectors and components in the configuration required for each application

In addition to EN standards, we also comply with international regulations such as ANSI Z359 in the USA and CSA Z259 in Canada. This ensures that our Retractable Type Fall Arresters can be used safely and in full compliance worldwide.

Double Action Hook IKV 06

according to EN 362:2004

- Steel version with double action mechanism
- approx. 65 x 131 mm (B x L_K)
- Gate opening Ø 18 mm



Order No.	Load Bearing Capacity	Weight
400000SH00	22 kN	245 g

Double Action Hook IKV 11

according to EN 362:2004

- Aluminium version with oval eye especially for webbing components
- approx. 72,5 x 136,5 mm (B x L_K)
- Gate opening Ø 25 mm



Order No.	Load Bearing Capacity	Weight
400002B0224	30 kN	135 g

Double Action Hook with Fall Indicator IKV 21

according to EN 362:2004

- Aluminium version with double action mechanism and swivel
- approx. 74,5 x 185,5 mm (B x L_K)
- Gate opening Ø 26 mm



Order No.	Load Bearing Capacity	Weight
40000WF0224	28 kN	183 g

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Double Action Hook IKV 28

according to EN 362:2004; ANSI Z 359.12-09; CSA Z 259.12-11

- Steel version with double action mechanism
- approx. 65 x 147 mm (B x L_k)
- Gate opening Ø 21 mm



Order No.	Load Bearing Capacity	Weight
40000N3610	23 kN	384 g

Double Action Hook with Fall Indicator IKV 29

according to EN 362:2004

- Stainless steel version with double action mechanism and swivel
- approx. 54 x 184 mm (B x L_k)
- Gate opening Ø 18 mm



Order No.	Load Bearing Capacity	Weight
40000E0000	23 kN	394 g

Double Action Hook with Fall Indicator IKV 33

according to EN 362:2004; ANSI Z 359.12-09; CSA Z 259.12-11

- Steel version with double action mechanism
- approx. 65 x 196 mm (B x L_k)
- Gate opening Ø 21 mm



Order No.	Load Bearing Capacity	Weight
4000000033	23 kN	500 g

Triple Carabiner Hook with Fall Indicator IKV 34

according to EN 362:2004

- Aluminium version with TRI-LOCK mechanism and swivel
- approx. 79 x 180 mm (B x L_k)
- Gate opening Ø 21 mm



Order No.	Load Bearing Capacity	Weight
4000000034	25 kN	170 g

Carabiner Hook IKV 47

according to EN 362:2004; ANSI Z359.12-2019; CSA Z259.12-16

- Aluminium version with TRI-LOCK mechanism
- approx. 80 x 141 mm (B x L_k)
- Gate opening Ø 22 mm



Order No.	Load Bearing Capacity	Weight
4000000047	23 kN	149 g

Large Double Action Hook IKV 53

according to EN 362:2004; ANSI Z359.12-2019; CSA Z259.12-16

- Steel version with double action mechanism
- approx. 139 x 243 mm (B x Lk)
- Gate opening Ø 65 mm



Order No.	Load Bearing Capacity	Weight
4000000053	23 kN	800 g

Large Double Action Aluminium Hook IKV 55

according to EN 362:2004; ANSI Z359.12-2019; CSA Z259.12-16

- Aluminium version with double action mechanism
- approx. 144 x 248 mm (B x L_k)
- Gate opening Ø 61 mm



Order No.	Load Bearing Capacity	Weight
4000000055	23 kN	637 g

Large Double Action Hook IKV 58

according to EN 362:2004; ANSI Z359.12-2019; CSA Z259.12-16

- Aluminium version with double action mechanism, fall indicator and swivel
- approx. 145 x 291 mm (B x L_k)
- Gate opening Ø 62 mm



Order No.	Load Bearing Capacity	Weight
4000000058	23 kN	705 g

Reliable Hold in Action – Safety in Critical Moments!

Local conditions, customer requirements, and internal safety standards result in a wide range of options when selecting connection elements for the upper suspension of IKAR Retractable Type Fall Arrester.

In addition to the screw-, twist-, or trilock-locking mechanisms, carabiners are available in aluminum or steel versions. Another option is to secure the connection elements with a pin directly to the upper suspension, creating a safe and permanent unit.

Carabiner Hook IKV 13

according to EN 362:2004

- Steel version with screwgate mechanism
- approx. 57 x 109 mm (B x L_K)
- Gate opening Ø 18 mm
- Optional with pin



Order No.	Load Bearing Capacity	Weight
400000SK00	25 kN	165 g

Carabiner Hook IKV 14

according to EN 362:2004

- Steel version with screwgate mechanism
- approx. 81,5 x 123 mm (B x L_K)
- Gate opening Ø 28 mm
- Optional with pin



Order No.	Load Bearing Capacity	Weight
400000SHG0	35 kN	274 g

Large Carabiner Hook IKV 17

according to EN 362:2004

- Steel version with TWIST-LOCK mechanism
- approx. 132 x 231 mm (B x L_K)
- Gate opening Ø 54 mm
- Optional with pin



Order No.	Load Bearing Capacity	Weight
41-z10	35 kN	760 g

Carabiner Hook IKV 18

according to EN 362:2004

- Steel version with TRI-LOCK mechanism
- approx. 77 x 119 mm (B x L_K)
- Gate opening Ø 25 mm
- Lateral force capacity 15 kN
- Optional with pin

Order No.	Load Bearing Capacity	Weight
4000000018	53 kN	265 g



Carabiner Hook IKV 30

according to EN 362:2004

- Steel version with TRI-LOCK mechanism
- approx. 54,5 x 108,5 mm (B x L_K)
- Gate opening Ø 17 mm
- Optional with pin

Order No.	Load Bearing Capacity	Weight
4000000030	25 kN	196 g



Large Carabiner Hook IKV 31

according to EN 362:2004

- Steel version with TWIST-LOCK mechanism
- approx. 132,5 x 237 mm (B x L_K)
- Gate opening Ø 55 mm
- Optional with pin

Order No.	Load Bearing Capacity	Weight
4000002012	35 kN	746 g



Carabiner Hook IKV 35

according to EN 362:2004

- Steel version with TWIST-LOCK mechanism
- approx. 55 x 108 mm (B x L_K)
- Gate opening Ø 17 mm
- Optional with pin

Order No.	Load Bearing Capacity	Weight
4000000035	25 kN	198 g



Carabiner Hook IKV 36

according to EN 362:2004

- Steel version with TWIST-LOCK mechanism
- approx. 81,5 x 123 mm (B x L_K)
- Gate opening Ø 27 mm
- Optional with pin



Order No.	Load Bearing Capacity	Weight
4000000036	35 kN	294 g

Carabiner Hook IKV 37

according to EN 362:2004

- Special carabiner steel version with TRI-LOCK mechanism
- approx. 18 x 61 mm (B x L_K)
- Gate opening Ø 15 mm



Order No.	Load Bearing Capacity	Weight
4000000037	25 kN	190 g

Carabiner Hook IKV 54

according to EN 362:2004; ANSI Z359.12-2019; CSA Z259.12-16

- Aluminium version with TRI-LOCK mechanism
- approx. 77,9 x 123,4 mm (B x L_K)
- Gate opening Ø 22 mm
- Optional with pin



Order No.	Load Bearing Capacity	Weight
4000000054	24 kN	147 g

Tripod Carrying Bag

fits for all IKAR tripods

- Very solid construction to protect the tripod
- 2 carrying handles and zipper



Order No.	Weight	Dimensions *(mm)*
40-58	1,7 kg	1.650 x 300 x 300
40-58 XLA3	1,7 kg	2.150 x 300 x 300

40-58 is suitable for DB-A4 XL.

Metal Case for Equipment and Accessories

- Solid and robust metal design
- Safe storage and transport of equipment and accessoires



Order No.	Weight	Dimensions *(mm)*
41-z55	1,7 kg	500 x 300 x 250

Plastic Case for Equipment and Accessories

- Crafted from lightweight, durable plastic
- Ensures safe storage and easy transport of your devices and accessories



Order No.	Weight	Dimensions *(mm)*
41-z60	1,1 kg	420 x 340 x 160

Plastic Case for HRA 12

- Manufactured in-house for consistent quality.
- Perfect protection thanks to tailor-made cases
- Available in two sizes – for HRA 12 or HRA 18.



	Order No.	Weight	Dimensions *(mm)*
HRA 12	41-z12	2,3 kg	463 x 326 x 226
HRA 18	41-z18	2,9 kg	400 x 276 x 222

Bags for Equipment and Accessories

- Crafted from durable fabric for reliable protection and effortless transport of your devices and accessories.



Order No.	Dimensions *(mm)*
40-56	Ø 300 x 600
40-74	Ø 180 x 510
40-75	305 x 670 x 160

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Establish a safe connection together.

The IKAR sets offer a reasonable combination of basic components of personal fall protection systems for different trades, areas of application and rescue measures for working at height.

Rescue Kit

Safety until you return to the ground

The rescue kit is specially designed for persons using personal fall protection equipment who are unable to free themselves after falling into a retractable fall arrester or fall arrest lanyard and are therefore dependent on external rescue.



The complete rescue kit consists of:

- ABS 3a WH descent device with emergency lifting function, for lifting and/or lowering the casualty
- 1 m long anchorage sling
- IKV 13 steel screwgate carabiner hook as conecting element
- Kernmantle rope Ø 10.5 mm in standard lengths of 20 m or 40 m with IKV 11 small aluminium double action hook
- Other rope lengths on request
- A telescopic pole (extendable up to 3.60 m), with bracket to hold IKV 11 safety hook in gate open position
- Robust backpack carrying and storage bag
- Detailed instructions for use

Order No.	Description
41-RSET/20	Rescue Kit, 20 m
41-RSET/40	Rescue Kit, 40 m

Standard Kit

Standard relieves the operational organization

Set includes:

- IKAR Full Body Harness IK G 1 A
- 1.5 m long lanyard made from kernmantle rope with shock absorber; double action steel hook IKV 06 and double action tube hook IKV 55
- Device bag



Application:

Scaffolding, steel structures

Order No.	Description
SET01	Standard Kit

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Sweety Kit

Fall protection for the demanding user









Set includes:

- IKAR Full Body Harness IK G 1 A
- Retractable type fall arrester HWB 2 (certified over a sharp edge) optionally with tube hook IKV 55 at the webbing with 60 mm opening gate (with surcharge)
- Carabiner hook IKV 13
- 1 m webbing anchorage sling as anchor device
- Device bag

Application:

For movement-intensive work on steel roofs, flat roofs, ladders, steel structures, scaffolding

Order No.	Description
SET02	Sweety Kit

AG 01 Kit

Universal fall protection for the experienced user









Set includes:

- IKAR Full body Harness IK G 1 A
- Guided type fall arrest device IK AG 01
- Ø 12 mm kernmantle rope, total length 10 m
- 2 m webbing anchorage sling
- Device bag

Application:

Work on roofs, ladders, windows and facades

Order No.	Description
SET05	AG 01 Kit

Elevated Working Platforms Kit

Fall protection in mobile elevating work platforms









Set includes:

- IKAR harness IK G 2 B
- Retractable type fall arrester ACB 1,8
- with double action hook IKV 11
- Device bag
- Carabiner hook IKV 30

Areas of use:

Working platforms

Order No.	Description
SET08	MEWP Kit



Scaffolding Kit

Maximum protection against falling thanks to maximum performance







Set includes:

- IKAR harness IK G 2 BX flex
- Retractable type fall arrester HWB 2 DWG
- Large double action hook IKV 55 at each end of webbing
- Device bag

Application:

Scaffolding

Order No.	Description
SET09	Scaffolding Kit



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Quality since 1978

When IKAR GmbH was founded, the focus was on providing individual safety solutions and expert consulting. From this experience, our proven standard products were developed.
Today, our customers remain at the center of everything we do: when standard products aren't enough, we design customized solutions — efficient, effective, and perfectly tailored to your needs.

Discover customised security solutions with IKAR GmbH!

We are proud to offer not only standard fall protection and rescue solutions, but also customised solutions that meet your exact needs. Whether you need to make modifications to our proven products to comply with local regulations or require complex safety systems for demanding environments such as filling stations, maintenance stations in halls or waste water plants - we have the solution for you.

Our experienced IKAR application engineers are here to help. They will come to your site in person to assess the local conditions and understand your specific safety requirements. From the initial consultation to the final installation and handover of your operationally safe security system to you, our experts are your reliable partner.

Why choosing IKAR?

Customised solutions:

- We develop the safety product you need or adapt our products to your individual require-ments.
- In a world that is constantly changing, you need products that you can always rely on in any situation.





Expert advice:

- Our application technicians are at your side every step of the way.
- They will support you during installation or carry it out at your premises.
- We rely on highly qualified professionals and state-of-the-art manufacturing techniques to ensure that every detail is just right.

Quality:

- We guarantee the highest standards.
- Our testing facilities are state of the art.
- Our products undergo strict quality controls and tests. Only products that pass these tests leave our factory halls. us.



Safety

- On-site inspections are no problem for us.
- You can rely on our many years of experience and expertise.





Reliability

- Our equipment allows us to test our products under extreme conditions. Whether extreme heat, bitter cold or high humidity - our products retain their quality and performance.
- If desired, we can support you with the approval process or carry it out for you.

Training:

- Our security experts provide training to ensure that the security system is used correctly.
- Maintenance training and regular maintenance at your site are also offered.



Your safety is our ultimate goal.

For innovative fall protection and rescue solutions, trust IKAR. Contact us today to find out how we can exceed your safety requirements.







Individually adaptable products

Our range of products for the protection of persons or loads from falling includes a large selection for a wide variety of applications, which can also be individually adapted to your requirements.

Load safety devices

Different requirements for machine safety demand tailored solutions for the design of the safety catch mechanism. In coordination with you, the selection of a suitable standard product is always ensured.

Request our requirements form!

To help us identify the right safety solution for your loads, we need some key information, such as:

- Type of load:
  e.g., gate, flap, or heavy machine components
- Weight of load: in kilograms
- Lifting height and lifting speed of the load
- Lifting operations:
  per minute and per 24 hours
- Operating conditions:
  indoor or outdoor, temperature range
- Required fall distance:
  according to safety specifications
- Special requirements:
  customer-specific specifications

Our load-safety devices are often inconspicuous but indispensable companions for safing loads in hight. Whether in industry - e.g., for safeguarding machine components in lifting and conveyor systems - or in training centers - e.g., for securing basketball hoops -the devices are only activated in emergencies when lifting equipment or fastenings fail. They provide maximum safety without interfering with normal operations.



If you have any questions, please contact us.
We will be happy to offer you the suitable product for you.

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Our Applicable Sales, Delivery and Payment Conditions














1. General
Any deliveries and services are exclusively based on the following terms and conditions. The purchaser's purchase conditions are expressly excluded herewith. We are not committed to such conditions, even if these have not been expressly objected again at the time of contract performance. All our offers are subject to change and noncommittal. Orders, price agreements and any other agreements also and in particular if these orders and agreements modify the sales conditions are subject to our written confirmation.

2. Technical Documents
All information and illustrations as well as dimensions and weight tables, etc., are approximations, unless especially confirmed by us.

3. Delivery Terms, Delivery Dates
Delivery terms and dates are approximations unless agreed otherwise. Delivery terms start with date of the order receipt. Delivery terms and dates refer to the time of dispatch ex works. In case of a delay, the purchaser agrees to allow a reasonable extension of time. If the delay is due to our production situation, the latter must be considered for calculating the extension of time. Damage claims due to non-performance or delayed performance are excluded. In case of a Force Majeure event with an impact on us, our pre-suppliers, transport companies or the purchaser, the delivery term is extended according to the duration of the Force Majeure event.

4. Partial Deliveries
Reasonable partial deliveries are admissible.

5. Prices
The indicated prices are ex works and net of the applicable VAT. Packaging, shipping and transport insurance costs are not included.

6. Payment Terms
Payments within a period of 10 days from the invoice date are subject to a discount of 2%. All invoices are payable without deduction within 30 days from the invoice date. New customers pay in advance.

7. Despatch
Despatch is ex works and without any guarantee for the cheapest despatch method insofar as no specific arrangement is made. Shipments within Europe as from a net goods value of € 5,000 are delivered free, air and sea freight shipments are freight forward, below a net goods value of € 50 there is a processing fee of € 10 ex works.

8. Liability and Warranty
Except for cases of intent and gross negligence, any liability of the seller's legal representatives, assistants and employees is excluded. All items are subject to a guarantee (warranty) period of 12 months from the delivery of the products. If any product should become defective during the warranty period, the purchaser is at first entitled to a removal of the defect (remedy). If the remedy fails, the product is replaced by a similar or comparable new product. If such replacement is impossible, the purchase price will be reimbursed. Any additional damage claims are excluded. The purchaser is obligated to notify in writing to or have registered by the seller, any visible defects within 7 day from the goods receipt. Warranty obligations do not apply, if the occurred defect is due to an inappropriate use or overstressing of the purchased product or if parts have been mounted to the product or the latter has been modified without the seller's consent or if the purchaser has not observed the operation, maintenance and servicing instructions (e.g. operation manual) of the product. Natural wear and tear and aging is excluded from the warranty.

9. Place of Delivery, Place of Venue
Place of delivery is the registered office of the seller. For all current and future claims resulting from business relationships with general merchants, including draft- and cheque claims, place of venue is solely the registered office of the seller. The same place of venue applies if the purchaser has no general domestic place of venue, or after conclusion of contract transfers his residence abroad, or the purchasers permanent dwelling is unknown at the point in time of the filling of a complaint. All other customers are subject to the competent legal venue for their place of residence. The same legal venue applies if the purchaser does not have a domestic general legal venue, relocates his/her place of residence or usual domicile to a foreign country after the conclusion of the contract or if the place of residence or usual domicile is unknown at the time of filing a claim. All other customers are subject to the competent legal venue for their place of residence.

10. Data Privacy
Without your express consent, your data will only be used for processing your order and will be stored electronically in the context of a business relationship. Your data will only be forwarded to companies contracted for the delivery, to the extent required for order processing. Otherwise, your data will be treated strictly confidential and not disclosed to third parties.

11. Retention of Title
The goods remain the sole property of IKAR GmbH up to their complete payment.

12. Severability
If any of the provisions mentioned above becomes ineffective, all other provisions shall remain in full effect.







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