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PSARKB Channel suspension with hinged fastening

- Designed to suspend services from a single point suspension.
- Works in conjunction with standard PROTEC suspensions to support from a variety of different base materials.
- The range consists of two pre-determined lengths of wire with heat treated toggles forming the termination points with a choice of Safe Working Loads.
- Ensure hole is no larger than 12mm diameter
- One fixing point per drop
- Can be fixed to cable trays at ground level
- Legs should not exceed 60 degrees
- Self leveling
- Height can be adjusted at service level and not at fixing
- PVC protection sleeve preventing wire on wire friction
- High tensile galvanised wire 1960 N/mm² grade 7 x 7 construction
- BSEN 12385 Standard
- Reduces the use of studding and channel

Suitable for primary and secondary support for suspending:

- Lighting Fittings
- Radiant heat Panels
- Plenum Boxes
- Cable tray

Installation:

Example installation into a light fitting:

Note: PSARKB supports should be placed into through holes no bigger than 12 mm diameter.

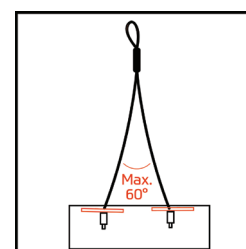
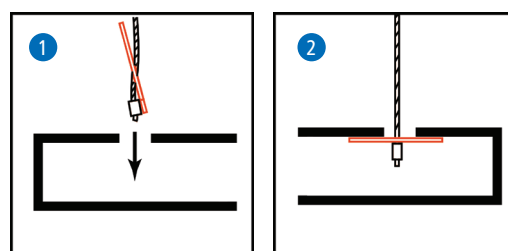
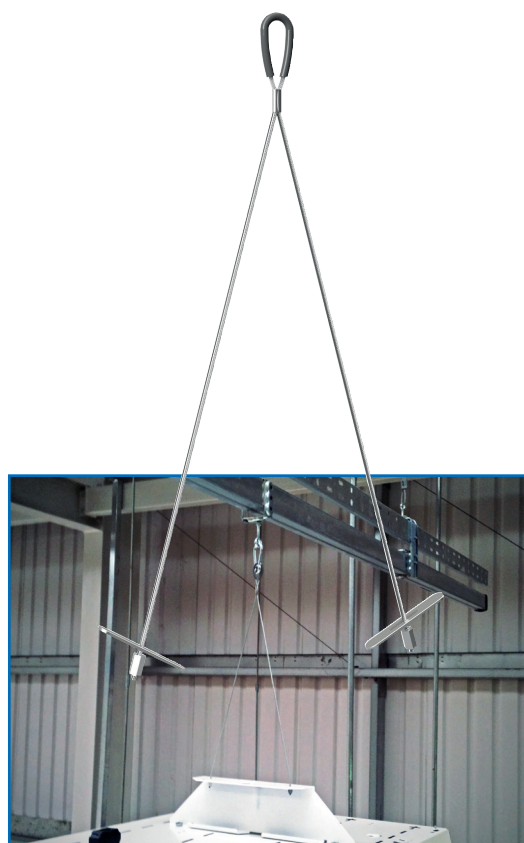
STEP 1:

Select the first leg to be installed and position the toggle approx. 10 mm from the stop end. Invert the toggle so it is parallel with the wire rope.

STEP 2:

Place the stop-end into the selected through hole and then push the toggle into the hole. Repeat process for the other leg. Once the toggle and stop end have been installed, the toggle will swing through 90 degrees to span the hole.

IMPORTANT: Maintain an angle of 60 degrees for the PSARKB span.



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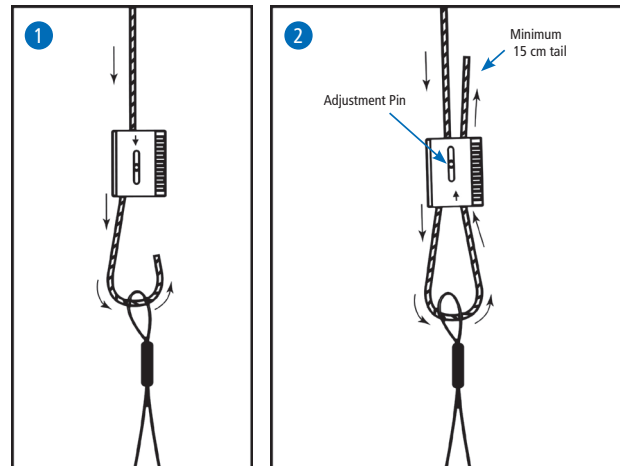
Example installation with a wire support:

STEP 1:

Offer the PSARKB up to a pre-installed wire support. Feed on PROTEC locking device and pull through required length of wire and feed wire through PVC loop of the PSARKB.

STEP 2:

Return wire back up into PROTEC locking device and when desired height is achieved, trim wire leaving a minimum 15 cm tail.



Sizes Available	PSAKB 10 kg	PSAKB 35 kg
Length (mm)	40,0	40,0
Width (mm)	5,0	7,6
Gauge (mm)	1,18	1,49
Slot length (mm)	20,0	15,0
Slot width (mm)	1,53	2,72

Information

Item no.	ID no.	Type	PU	Safe working loads	Span
05106051	056740	PSARKB200x10	10 / 100	10 kg	50-200 mm
05106052	056741	PSARKB200x35	10 / 200	35 kg	50-200 mm
05106053	056742	PSARKB400x10	10 / 100	10 kg	300-400 mm
05106054	056743	PSARKB400x35	10 / 200	35 kg	300-400 mm
05106055	056744	PSARKB600x10	10 / 100	10 kg	600 mm
05106056	056745	PSARKB600x35	10 / 200	35 kg	600 mm

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Manufacturers recommendations

The PROTEC PSARKB system is designed to support STATIC loads only. Dynamic and shock loads must be avoided and can greatly increase the overall weight of the product being suspended and therefore compromise the safe working load of the suspension. To ensure integrity and safety of the system only PROTEC wire should be used. Do not exceed the Safe Working Load (SWL) of the product.

- Do not exceed the safe working load (SWL) of the product.
- Do not use locking devices with a coated wire.
- Do not paint or apply any other coating.
- Do not lubricate.
- Do not use for lifting applications.
- Remove any frayed cable prior to inserting into the locking devices.
- Do not shock load.
- Do not use for dynamic loads/installations.
- Do not overload.
- Do not mix PROTEC systems with other wire suspension manufacturers products.
- Do not use in corrosive environments, e.g. chlorinated environments