KINDER
EXPERIENCE INNOVATION PRODUCTIVITY

Kinder Impact Bars

Optimal Belt support and protection.

Kinder Impact Bars are principally used on load zone conveyor impact cradles and belt support systems. They are designed to be interchangeable and are compatible for use with most types of impact cradles and belt supporting structures.

Standard K-Contact Impact Bars provide vital belt protection, whilst offering effective low-friction belt support.

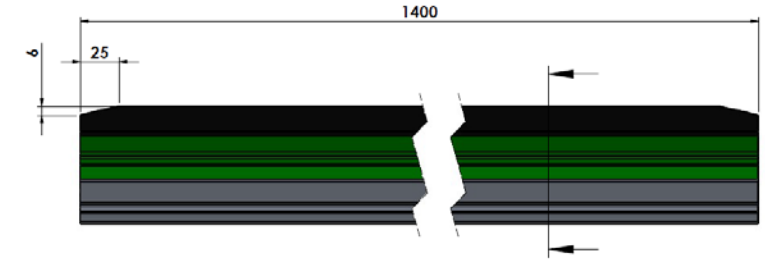
The construction of the K-Contact Impact Bars uses an advanced composite of rubber body and low friction UHMWPE sliding surface bars with tapered leading edges and rounded corners to protect the belt. An extruded aluminium "T" track along the length allows for the purpose fitting Tee bolts.

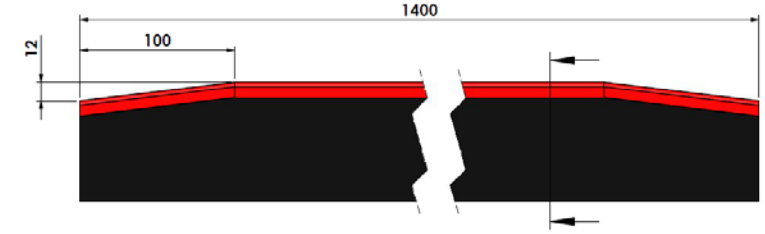
Our range includes slider bar options for light to medium duty 55mm and heavy duty 77mm. The full dimensional details and including T bolt sizes are available on request.

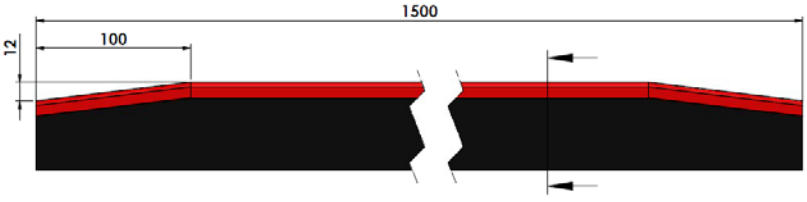
K-Contact Impact Bars are also available in Fire Resistant and Anti-Static (FRAS) approved bars, available to meet underground coal conveyor applications.

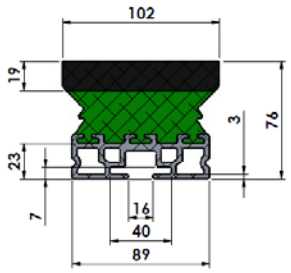
Key Benefits:

- Easy installation and removal.
- Rounded edges for belt protection.
- 10mm UHMWPE sliding belt surface.
- Tapered leading edges for bi-directional belts.
- Interchangeable with other makes.
- Standard sizes available, (see below).
- Custom sizes available upon request.

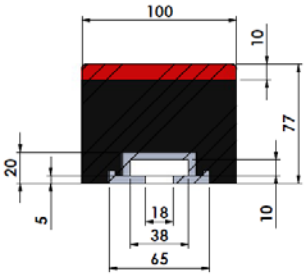




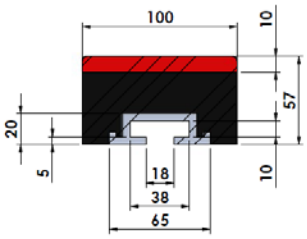




77 x 102 x 1400mm
Load Zone Impact Bar V2



77 x 100 x 1400mm
Standard Impact Bar



55 x 100 x 1500mm
Standard Impact Bar

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Kinder Impact Bars

Images of K-Contact Impact Bars installed on an impact bed.

Contact our Field Applications Team for details of which slider bar suits your application needs.

Description	Part Number
K-Contact Impact Bar 55 x 100 x 1500mm - FR - including M12x40 Bolt Set x 3	K-IMP-BAR55x100x1500AS
K-Contact Impact Bar 77 x 100 x 1400mm - FR - including M16x90 Bolt Set x 3	K-IMP-BAR77x100x1400AS
Impact - Load Zone V2 - 77 x 100 x 1400mm Insert uses a standard grade 8. 1/2 inch bolt and flat washer (not included) Heavy Duty Design	K-IMP-CP-IB-3455-A-G69

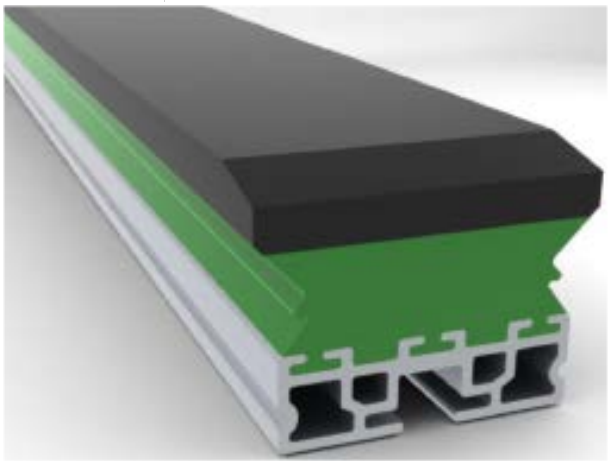
Replacement Parts

Description	Part Number
Fastener - T-Bolts M12 x 40 for K-Impact Slider Bar	K-FAS-T-BOLT M12x40
Fastener - T-Bolts M16 x 90 for K-Impact Slider Bar	K-FAS-T-BOLT M16x90

Note: T-Bolts include washers & nuts.

Optional Premium – Load Zone Impact Bars

After more than a year in design and testing analysis, a 19mm-thick layer of UHMW tops specifically formulated, energy-absorbing polyurethane. These layers are secured to a completely reengineered extruded aluminium insert that provides dramatically increased support.



KINDER™
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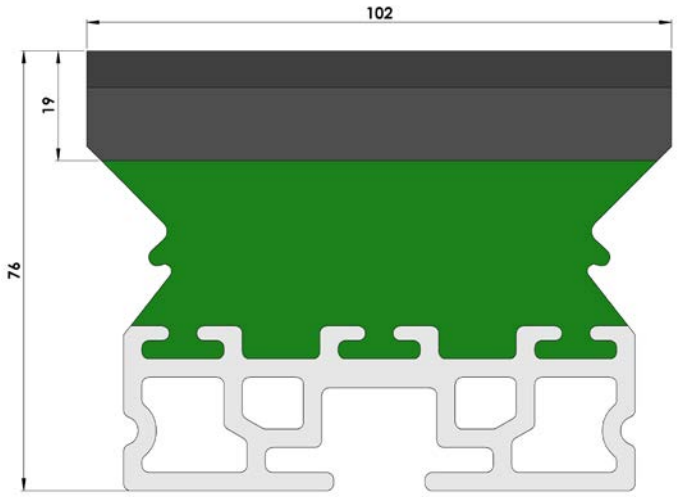
Kinder Impact Bars

Key Improvements (over K-Contact Impact Bars)

- UHMW polyethylene layer approx. twice as thick, effectively increasing the wear life by 2 times.
- The new aluminium base provides better support while increasing overall strength.

Availability

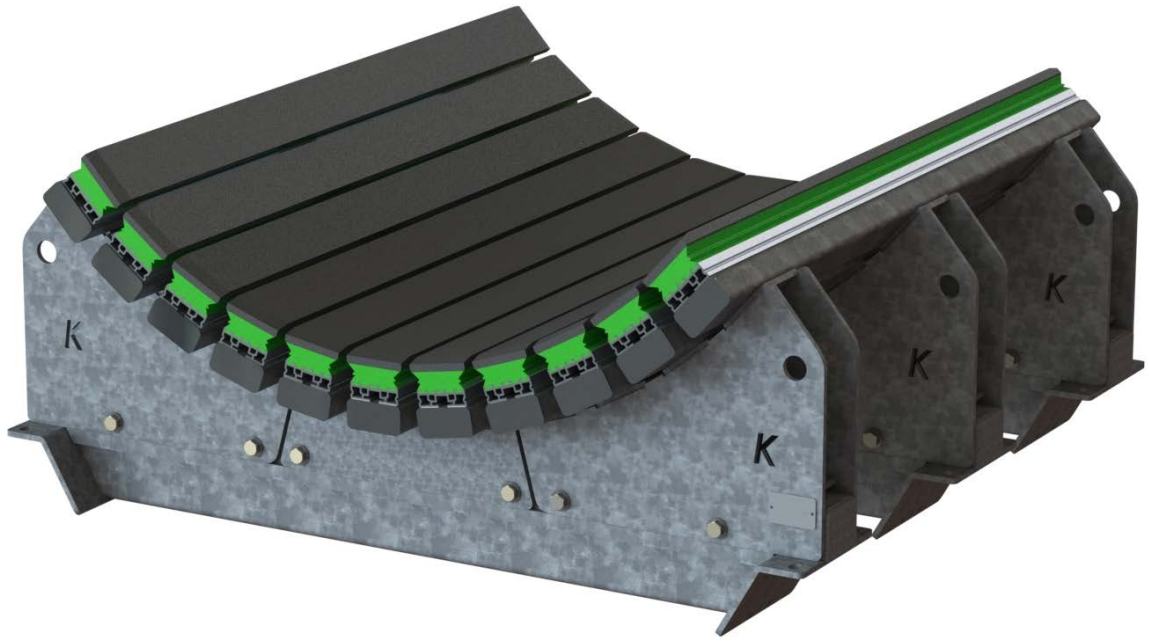
Load Zone™ Replacement Impact Bars are available in standard lengths of 1220mm, 1400mm, 1520mm and 1830mm. All bars come standard with a heavy-duty extruded aluminium insert which provides rigidity and is designed to be installed using a standard ½" grade 8 bolt and washer.



Retrofit Impact Bars

A 19 mm thick layer of low coefficient UHMW is keyed to the urethane and is the contact surface to the conveyor belt.

- Mechanically bonded UHMW wear surface.
- Heavy duty extruded aluminium insert.
- FRAS urethane available.
- Replacement bar for most beds on the market



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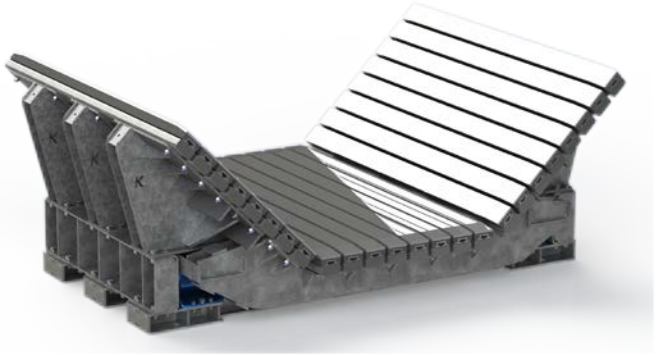


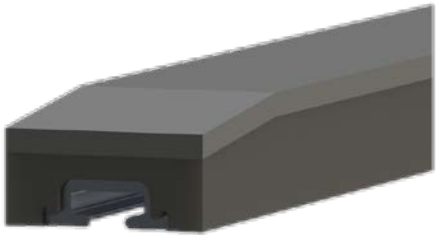
Optional

K-Glideshield High Speed / Capacity Impact Bars

Kinder Australia is highly experienced in the design and manufacture of High Capacity / Speed conveyor solutions that can withstand high pressure, any speed and tonnage combinations.

Our K-Glideshield High Speed / Capacity Impact Bars are designed specifically for **high speed (4m/s or higher) and/or high-capacity conveyors typically 1000 TPH or higher.**

K-Glideshield's proprietary and proven composite of materials results in a coefficient of friction 40% lower than UHMWPE. The unique composite formula also ensures superior heat resistance of 250°C, improved wear properties and thermal conductivity.



K-Glideshield Sure Support Rails

Key Features & Benefits:

- Low coefficient of friction (< 0.1)
- High service temperature, 250° C continuous, 300° C short term.
- Thermal conductivity to dissipate surface heat.
- Anti-static to prevent spark generation.
- Increased wear resistance.
- Good compressive strength.
- High chemical resistance.

Suitable Applications:

- Impact bar wear surfaces and K-Glideshield Sure Support Rails in high-speed applications.
- Wear Strips.
- Sliding parts or guiding elements (dry running).

K-Dynamic Impact Belt Support System XHD Model

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