

SAFETY EQUIPMENT FOR VEHICLES AND PASSENGERS



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LOW PROFILE RAIL P-272

SURFACE RAIL P-252

-Designed as a strong and convenient platform to secure wheelchairs/passenger restraints and seat fixings.

-Manufactured from high strength aluminium alloy,

-Customised drilling upon request. Undrilled, rivets, M8 countersunk screws, etc...

-Upon request can be supplied along with bolt set..

-Standard length: 3660mm. Upon request can be supplied in different lengths.

-Anodized finishing. Offers higher surface hardness and superior look.

-Low profile rails

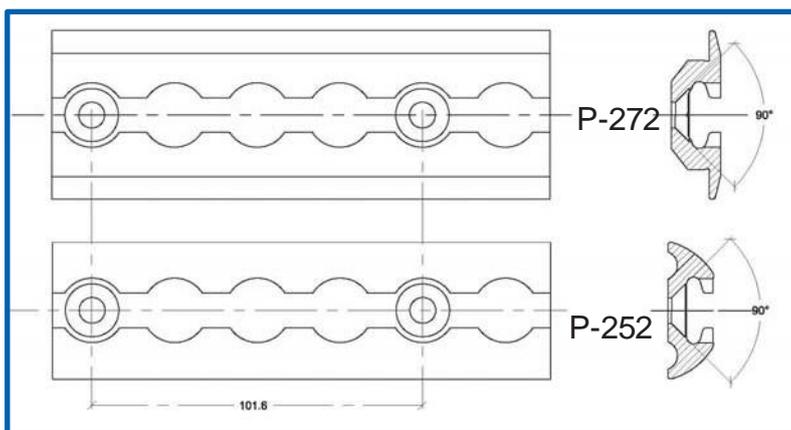
-It is recessed into the vehicle floor providing a minimal protrusion .

-Angled edges provide a neat and tidy finish by lying across the floor covering.

-Surface rails:

-This is floor mounted where it is not possible or economic to fit Low Profile Rail.

-Quick and easy to fit as it simply mounts onto the finished vehicle floor.



ACCESORIES FOR LOW PROFILE RAIL P-272+SURFACE RAIL P-252

END CAP FOR LOW PROFILE RAIL P-374 / END CAP FOR SURFACE RAIL P-375

- Shaped to match the ends of our low profile and surface rails.
- Provides an aesthetic appearance, whilst also protecting the ends of rails.
- Manufactured in aluminium.



P-374



P-375

RUBBER RAIL COVER STRIP P-372

- The rubber Rail Cover Strip prevents dirt and grit entering rails by covering the holes and channel in the top of the rails.
- Simply push in from the top.
- Supplied in 1 metre continuous lengths up to 25 metres.
- Fits both low profile and surface rail.



P-372



SEAT FIXING A-232A

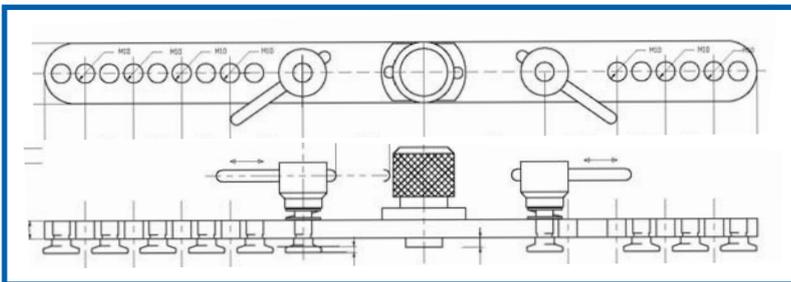
- To be attached to the bottom of the seat frame and placed into the aluminium floor rail.
- Provides a means to remove or re-arrange vehicle seats, allowing space for placing wheelchairs.
- Manufactured in steel alloy providing an extremely high tensile strength.
- The seat fixing A-232A comes with two anti rattle devices stopping any annoying rattle noise while traveling.
- Successful testing has been extensively carried out to M1 single seat and M2 double seat loads with surrogate chairs in conjunction with major seat manufacturers.
- Fixing studs are supplied along with each seat fixing.



Anti-rattle
device



Lock



MOBILE SCREENS BASE A-300

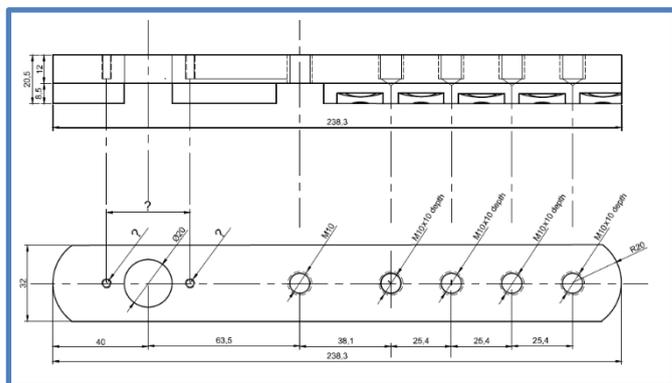
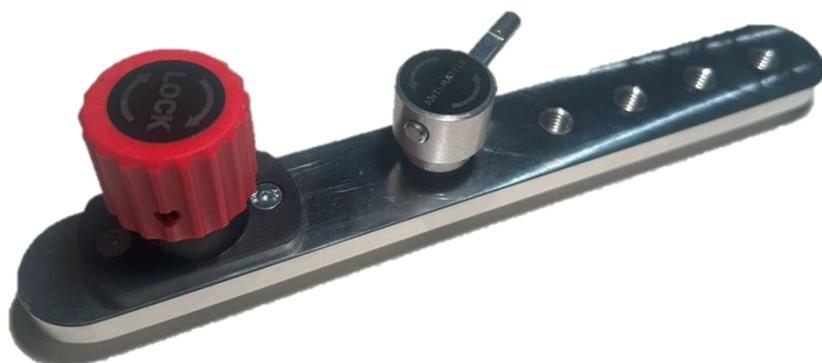
- Short versatile base designed to fix mobile screens, railings, guardrails and other auxiliary elements in vehicles.
- Compatible with any type of rail, low-profile or surface, allowing quick installation and relocation without structural modifications.
- Made of high-strength hard-aluminum, machined and anodized with an optimized design to distribute load and support the fastened element efficiently.
- Equipped with a fixing mechanism that guarantees stability and safety in any position.
- It incorporates anti-rattle systems that minimize noise and guarantee a firm hold during the journey.



Anti-Rattle system



Blocking mechanism

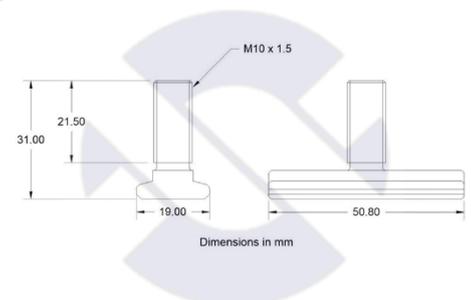
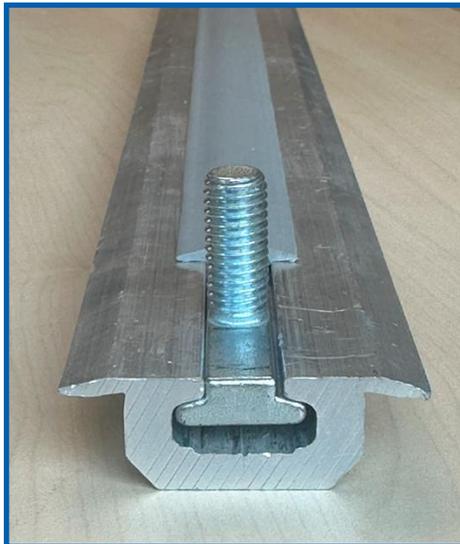


T-Bolt

Removable seat fixing

To be applied to vehicle seat legs

- Versatile - fits most removable mini-bus type seats. No annoying seat rattle.
- Cost-effective solution for configuring a vehicle's seating layout where seats are only moved occasionally.
- Strong - tested to M1 loads on single seats (6 T Bolts) and M2 loads on double seats (6 T Bolts). Tested to M2 loads on single seats (4 T Bolts).
- Captive design for security - T Bolt can only be removed from the end of the rail,
- Compatible with both Low Profile, Surface Rails.
- M10 x 23.5mm long thread.
- Lightweight - only 75g each (approx.)



RATCHET CLAMP A-125

-A ratchet bar is attached to the track clip fitting via a swivel/tilt anchor. A clamp mechanism fits over the ratchet bar and can be adjusted for height via the ratchet lever or quickly released via the release lever.

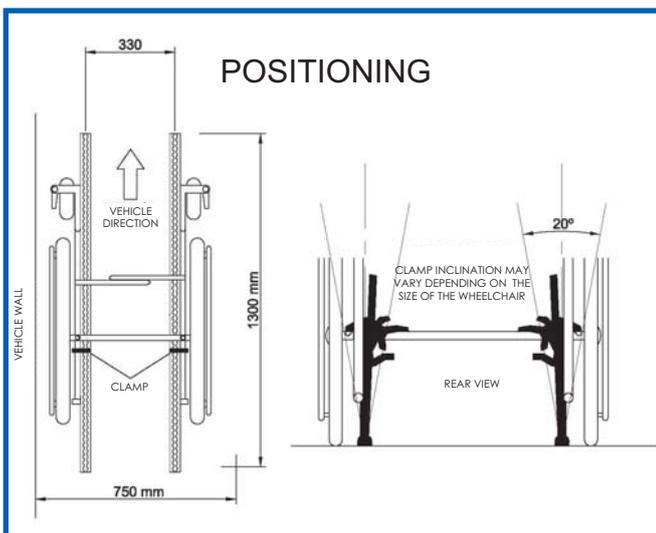
-The clamp mechanism consists of a strong hook which fits over the wheelchair frame. Using the operating lever the hook clamps tightly over the wheelchair frame and safely secures it.

-The clamp lock on to the rail by means of a track clip fitting to ensure easy and quick installation and removal.

-Used to secure manual wheelchairs only.

-For maximum security, the clamp should be used as close to vertical as possible and the wheelchair brakes should always be applied.

-Two clamps are used per wheelchair.



DOUBLE INERTIA REEL HARNESS C-315

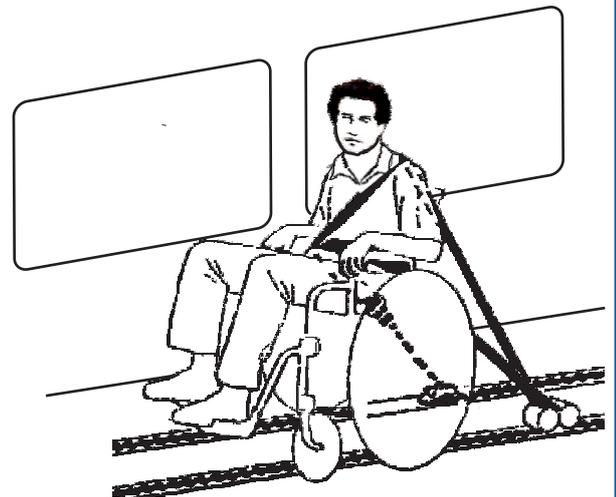
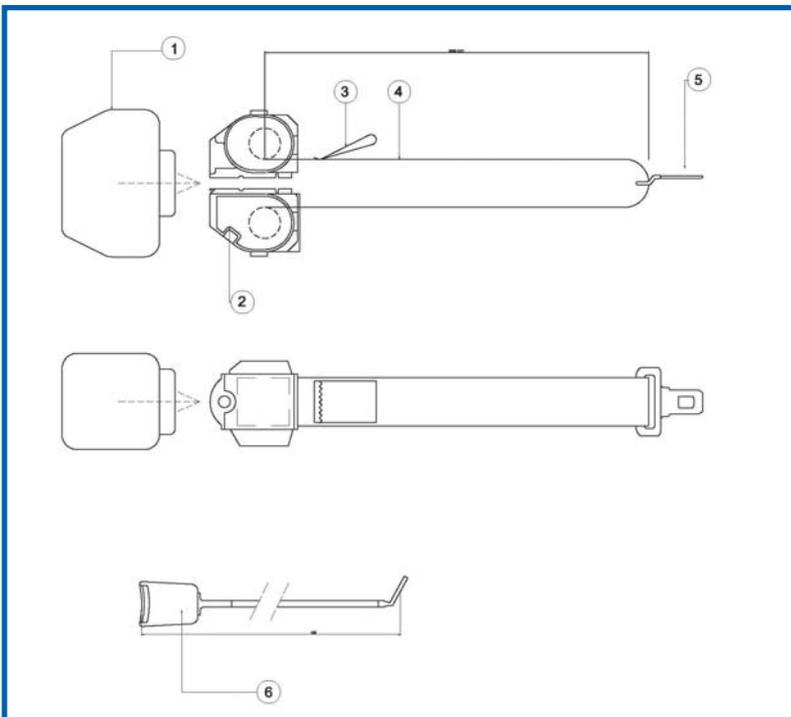
-Provides the wheelchair occupant with lap and diagonal safety belts.

-Suitable for most wheelchairs.

-Inertia reels are enclosed in a PVC cover for increased durability while keeping the belts clean when stored. The stalk clip is also encased in a protective cover.

-Both components are fitted onto rails installed onto the vehicle floor via track clip fittings.

-The reel assembly is provided with an extra tongue to be attached to a third point anchorage installed on the wall of the vehicle (Sold apart).



4 POINT TIEDOWN SYSTEM FOR WHEELCHAIR AND PASSENGER C-601

- All in one wheelchair and occupant restraint system.
- Safe and effective method of securing both wheelchair and occupant.
- Suitable for securing most wheelchairs.
- Heavy duty straps.
- Adjustable front and rear straps.
- Three-point safety belt (both lap and shoulder belts)
- Track clip fittings compatible with universal floor rails.
- Quick release fitting ensure fast release in case of emergency.
- Successfully crash tested to ISO 10542.
- Suitable for M1, M2 and M3 type vehicles.



WHEELCHAIR TIEDOWN



SAFETY BELT



ISO 10542 TESTED



4 POINT TIEDOWN SYSTEM FOR WHEELCHAIR AND PASSENGER C-816

- All in one wheelchair and occupant restraint system.
- Safe and effective method of securing both wheelchair and occupant.
- Suitable for securing most wheelchairs.
- Heavy duty straps.
- Adjustable front and rear straps.
- Three-point safety belt (both lap and shoulder belts)
- Track clip fittings compatible with universal floor rails.
- Quick release fitting ensure fast release in case of emergency.
- Successfully crash tested to ISO 10542.
- Suitable for M1, M2 and M3 type vehicles.



WHEELCHAIR TIEDOWN



DOUBLE INERTIA SAFETY BELT



ISO 10542 TESTED



Wheelchair Restraint F-700-2A

COMBINED 4-POINT RESTRAINT SYSTEM ALR FOR WHEELCHAIR AND PASSENGER

- Safe and effective, all-in-one method for securing both wheelchair and occupant.
- 2 rear ALR anchors & 2 heavy-duty static front anchors.
- Lap belt with pin connector.
- ALR diagonal belt with wall attachment.
- Clip bases compatible with universal floor rails installed in the vehicle floor.
- Suitable for securing most wheelchairs.
- Quick release system in case of emergency.
- Successfully tested according to ISO 10542.
- Suitable for M1, M2, and M3 vehicles.



F-700-2A



ISO 10542 TESTED



Optional ALR 3rd point



Wheelchair Restraint F-700-2A

COMBINED 4-POINT RESTRAINT SYSTEMS ALR FOR WHEELCHAIR AND PASSENGER

- Safe and effective, all-in-one method for securing both wheelchair and occupant.
- 4 heavy-duty front and rear ALR anchors.
- Lap belt with pin connector.
- ALR diagonal belt with wall attachment.
- Clip bases compatible with universal floor rails installed in the vehicle floor.
- Suitable for securing most wheelchairs.
- Quick release system in case of emergency.
- Successfully tested according to ISO 10542.
- Suitable for M1, M2, and M3 vehicles.



F-700-4A



ISO 10542 TESTED



Optional ALR 3rd point



COMBINED 4 POINT WHEELCHAIR AND PASSENGER RESTRAINT F-345

- Safe and effective method of securing both wheelchair and passenger.
- Composed by a 4 point wheelchair restraint plus a double inertia reel passenger seat belt
- The wheelchair restraint is composed by two fixed straps at the front and two adjustable straps at the rear, with overcenter buckles providing the tension of the assembly.
- The passenger safety belt is connected with the track clip fitting of the rear wheelchair restraint straps, This arrangement provides the means to safely secure wheelchairs up to 110 Kgs plus occupant, particularly where space is limited.
- Suitable for the majority of wheelchairs.
- This product has been successfully tested ISO 10542.

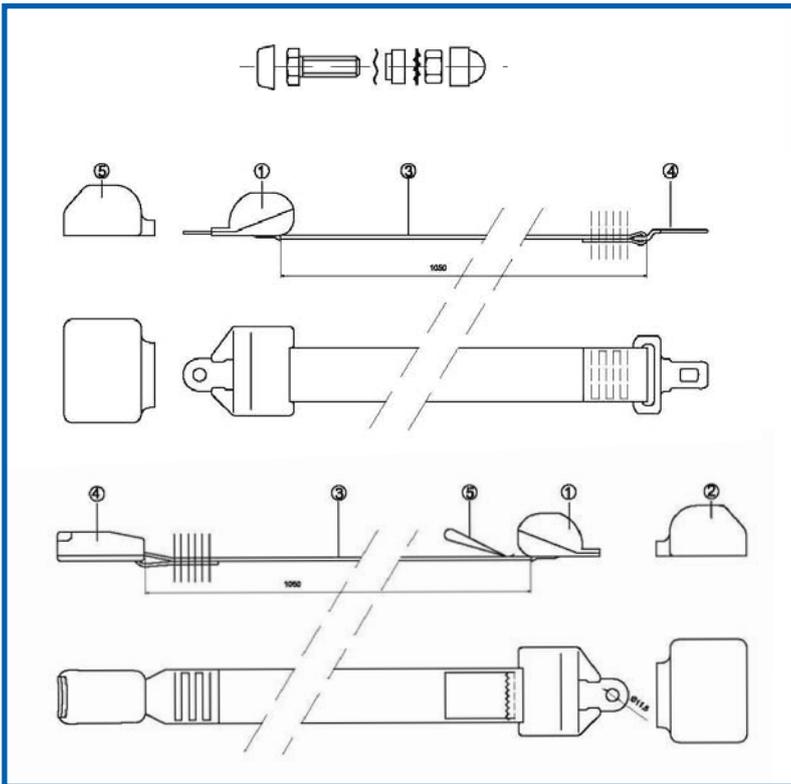


ISO 10542 TESTED



WHEELCHAIR PASSENGER BUS BELT C-307

- Used to secure wheelchair passengers in urban buses.
- Composed of two twin retractors fitted on the frame of the screen which the wheelchair leans against.
- Quick lock and release manouvers.
- Each retractor has a protective PVC vandalic-proof extra cover, increasing the product life span.
- ECE R16 tested and approved.
- Bolt set included.

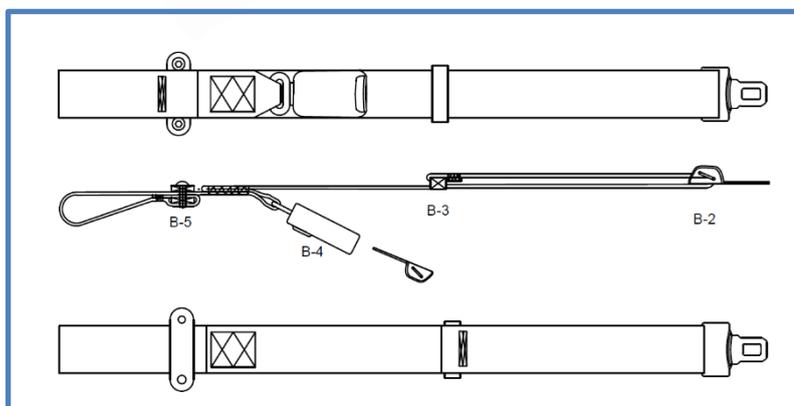


BUS BELT C-100

- Created to secure luggage and trolleys on urban and inter-urban buses.
- To be fixed on handrails or other structural elements of the vehicle.
- High quality materials that ensure resistance and durability.
- Designed for intensive use.
- Quick installation (Includes all accessories needed).
- Very easy use.
- Length: 140cm (or customized if required)
- Double steel plate to avoid theft.



Buckle and
tongue securement



Assembly open



Assembly closed