PUJARA Engineers Right on Track....

Wheel Stop for Embedded Track

Special Features

- Non-Destructive Expansion Clamping.
- Specially Degined for embedded track.
- Robust Design for durablility and maintenance free life.
- Easy to install and uninstall.
- Soft PU Impact cushion.
- Surface Protected.

Wheel Stop - Embedded Track

Specifications

Impact Speed	:	5 kmph
Weight	:	35 Kg (approx)
Surface Finish	:	Primer + Corrosion Resistant Paint
Impact Cushion	:	Soft Polyurethane (PU)
Clamping	:	Expansion Type
Wheel Dia	:	810 mm

Description

Ideal wheel stop for railway workshops and metro depot tracks, wherever there is an embedded track. This wheel stop is specifically designed for embedded track and a variant is also available for regular ballasted and ballastless track. It uses a unique non-destructive expansion claming that simple in design and provides fairly high clamping force. It is a zero maintenance, fix and forget type equipment. This wheel stop is very easy to install and uninstall hence suitable for frequent location changes. Two wheel stops can easily take thrust of upto 5 kmph.
Wheel Stop is equipped with an impact cushion of soft Polyurethane(PU) on wheel contact surface area for noise free operation. PU cushion also provides a protection shield to wearable surface.

Guidelines

Usage

1. Place the wheel stop at the location of installation.
2. Lower the clamping portion wihtin the wheel space available between rail and concrete/angle.
3. Bolts in should be fully inserted in hole before clamping.
4. Ensure the right location of wheel stop and surface levelling of the wheel stop's baseplate on rail.
5. Rotate the bolts anti-clockwise to tighten and fix the wheelstop in its place.
6. Optionally/additionaly fix the bolt lock and tighten them with the screws provided.
7. Repeast the steps 1 thru 6 for installing the paired wheel stop, if at all.

Precautions in Operation

Following precautions shall be observed during working:

1. The operator shall not exert excess torque on bolts.
2. Fitter should ensure oiling or greasing is done on the threads of bolts.
3. Fitter should ensure the right location of wheel stop and surface levelling of the wheel stop's baseplate on rail.
4. Preferably there shall be no oily substance on the surface of rail so as to prevent slippage during operation.
5. Polyurethane impact cushion should be protected from fire or any possible physical damage.

Handling

1. The wheel stop shall be handled with care to avoid physical damage, especially to the PU impact cushion.
2. Please ensure a jerk/impact free handling to keep alignment, bolts threads and surface paint safe.

Transportation

The wheel stop comes in a monolithic design hence it can be easily carried by one person. Or it can be transported by mono rail trolley, any other rail vehicle or by any road vehicle.

Storage

Preferably, wheel stop shall be stored in some form of enclosure (bags/boxes) and kept in a dust-free environment.

Maintenance

Wheel stop is a maintenance free equipment. For use at multiple location, we recomend timely lubrication of bolt threads .

Consumables

Grease/Oil for lubrication of threads.

Manpower requirement

One (Skilled)

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