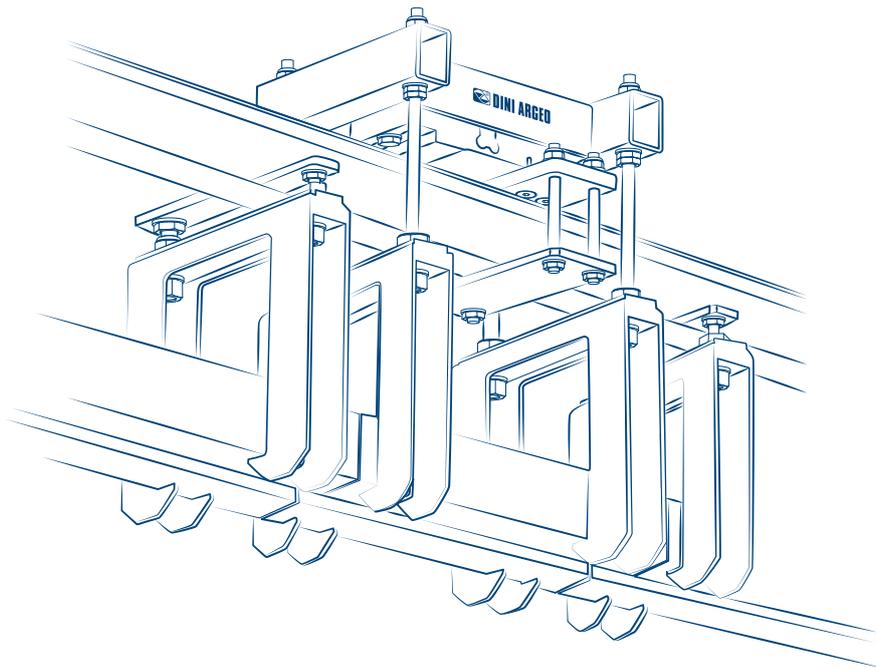


# TWL - TWG

Overhead monorail weighing scales

USER MANUAL

ENGLISH





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# Introduction

Dear Customer,

Thank you for purchasing a DINI ARGEO product.

This manual contains all the instructions for a correct installation and commissioning of the TWL and TWG overhead weighing scales.

While thanking you for purchasing this product, we would like to draw your attention to some aspects of this manual.

This booklet provides useful information for the correct operation and maintenance of the scale to which it refers; it is therefore essential to pay the greatest attention to all those paragraphs that illustrate the simplest and safest way to operate.

It is recommended that you carefully follow the instructions for the installation and maintenance of the scale; performing actions not indicated in this manual could compromise the proper functioning of the scale.

The utmost care has been taken in compiling this manual, but reports of any inaccuracies are always welcome.

The scale is covered by warranty and **MUST NOT BE TAMPERED WITH BY THE USER** under any circumstances. Any repair or modification attempt may expose the user to the danger of electric shock and voids any warranty conditions, relieving the Manufacturer from all liability.

Any problem with the product must be reported to the manufacturer or to the retailer where it was purchased.

# Warnings

Install the weighing module in a place where the following conditions are met:

- flat and levelled supporting surface
- stability and absence of vibrations
- absence of dusts or aggressive vapours
- absence of air flows
- moderate temperature and humidity (do not expose to direct sunlight or near heat sources)

Don't solder, drill or modify the structure of the weighing module without consulting the seller. Possible damages or alterations will void the warranty conditions.

Never overload the scale beyond the maximum capacity.

Protect the structure from shocks, they could cause serious damage.

If the location of use is a damp or wet environment, the installation must be performed as to avoid accumulation or stagnation of water / debris inside the structure.

The weighing module must be connected to the weighing indicator through the cable from the load cell (mod. TWG) or the junction box (mod. TWL) following the connection instructions of the weight indicator.

Do not step on, crush or expose the shielded connection cable to heat sources.

Do not use products containing solvents for cleaning.

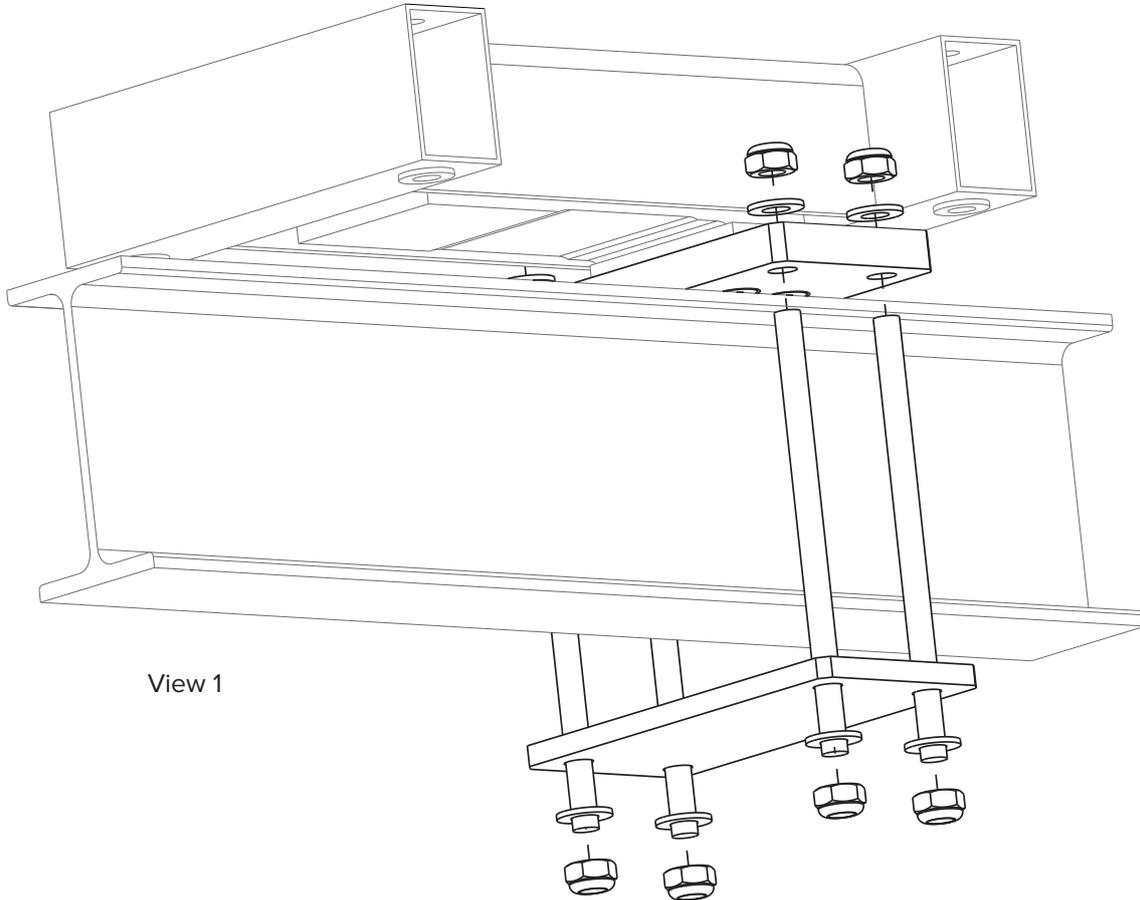
Dini Argeo recommends the use of the **SSCLEANER** product to clean the structure of the weighing module.

## **DO NOT INSTALL IN HAZARDOUS AREAS!**

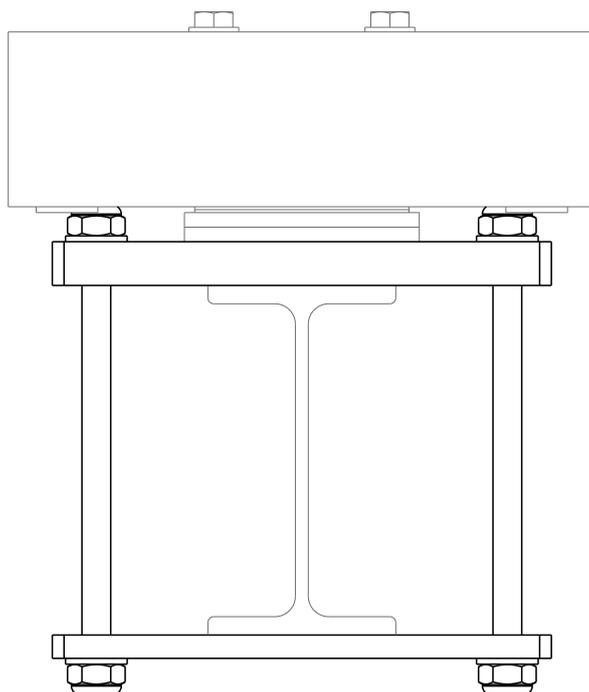
(Unless specifically provided).

## TWL

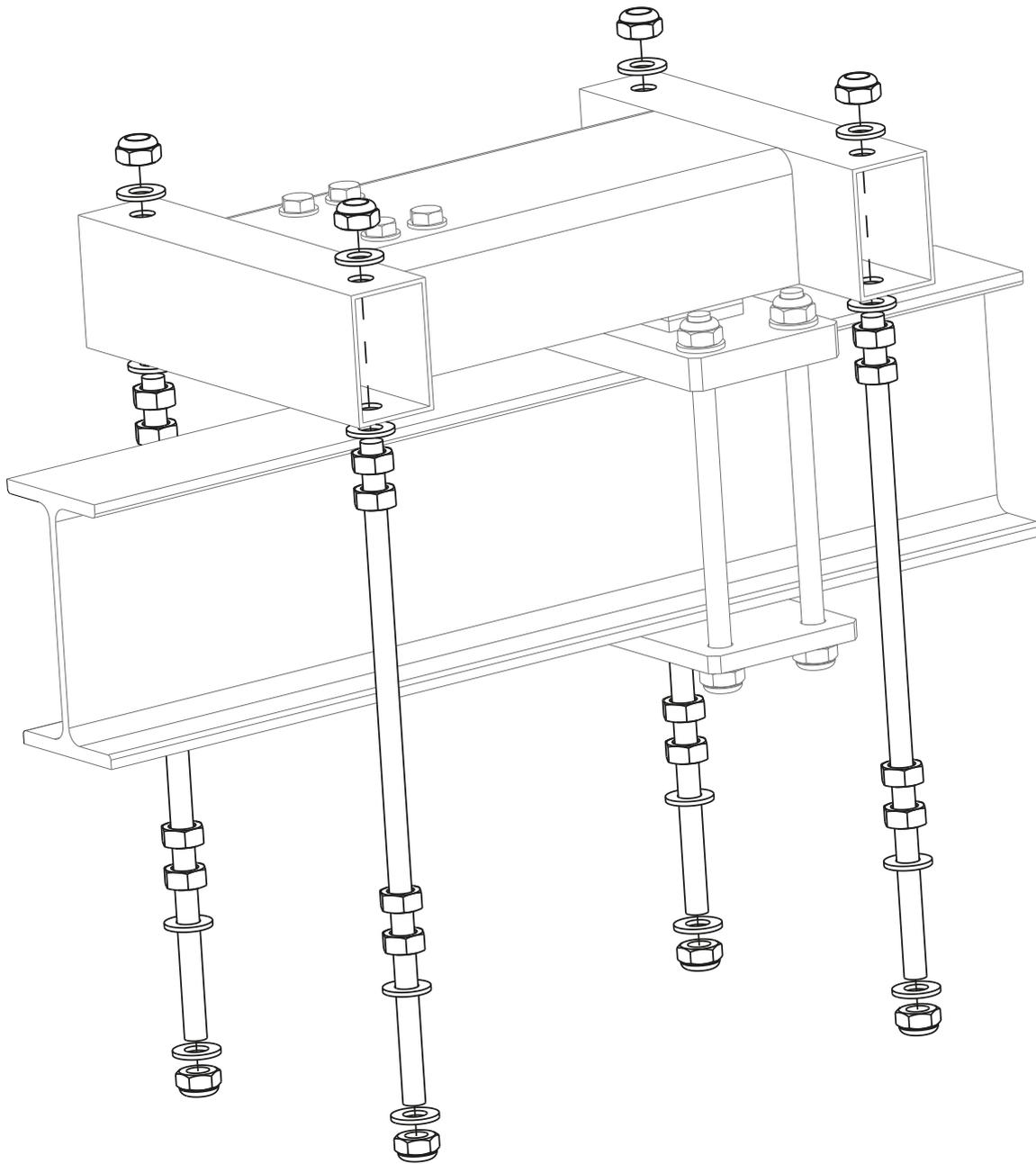
1. Place the weighing module on the beam, insert the threaded rods into the holes in the brackets and secure using the washers and nuts.



View 2



2. Screw the threaded rods to the weighing module and secure each one with a washer and a nut. Use a nut and locknut to secure the rail to the threaded rods (rail not supplied, installation to be paid for by the customer).

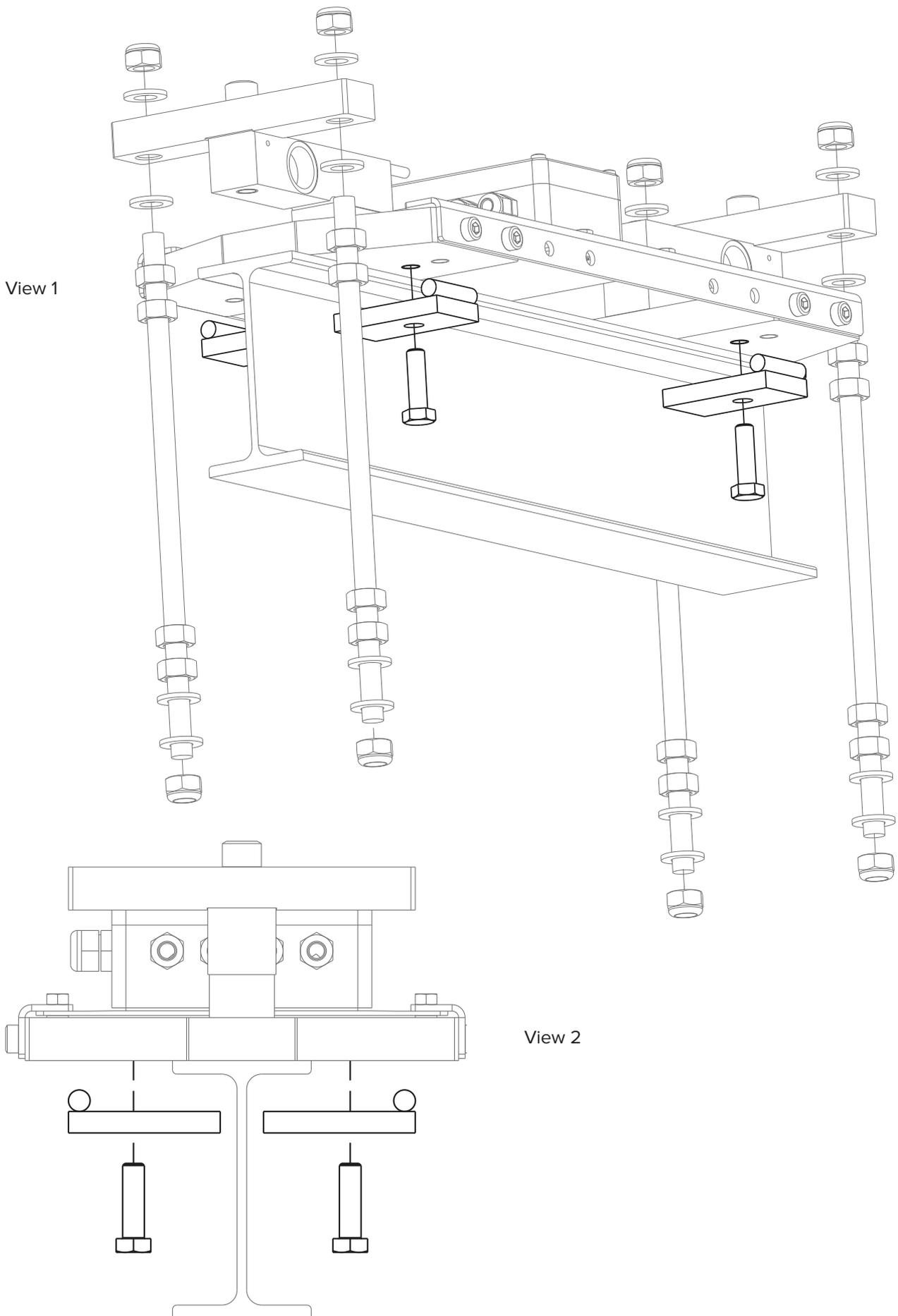


*Maximum length of the overhead rail weighing section = 300 mm*

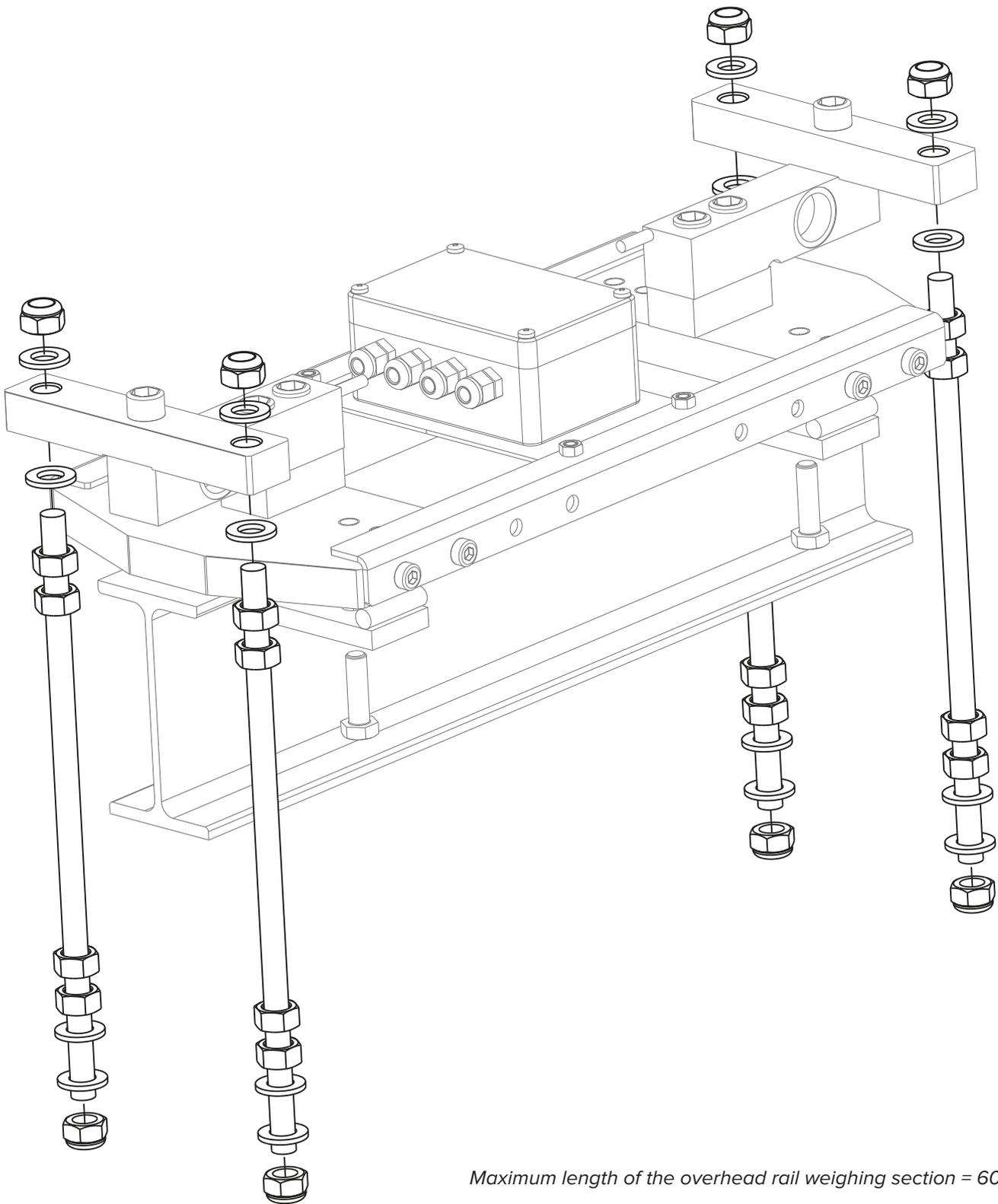
*M12 threaded rod*

# TWG

1. Place the weighing module on the beam and secure it using the brackets and bolts.



2. Screw the threaded rods to the weighing module and secure each one with a washer and a nut. Use a nut and locknut to secure the rail to the threaded rods (rail not supplied, installation to be paid for by the customer).



*Maximum length of the overhead rail weighing section = 600 mm*

*M12 threaded rod*

## 6-pin cable connection

Both TWL and TWG models have a shielded 6-pin cable to connect the load cell (or the junction box) to the weight indicator:

TWL	
COLOR	MEANING
Yellow	Sig +
White	Sig -
Grey	Sen +
Pink	Sen -
Brown	Exc +
Green	Exc -
--	Shield

TWG	
COLOR	MEANING
Pink	Sig +
Yellow	Sig -
Green	Sen +
White	Sen -
Brown	Exc +
Grey	Exc -
--	Shield

For the connection of the cable to the weight indicator, refer to the indicator manual.

## Maintenance

Keep the weighing module clean. If dirt and dust accumulate on it, clean it with a damp cloth or normal cleaning products (do not use solvents or acids). Dini Argeo recommends the use of the product **SSCLEANER**.

Disconnect the cell cable from the weight indicator if the structure:

- shows signs of damage;
- was overloaded over the passable limit.





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Authorized service center stamp

