

Standards for European Model Railroads

Variable attachments for intermodal load units in scale H0

NEM
381
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Recommendation

measures in mm, ['] = foot

Edition 2025

1. Purpose

Intermodal load units (ILU) in scale H0 are offered in the trade in two forms:

- a) with the below attached pins according to **NEM 380**,
- b) with holes at the bottom, like in reality.

This recommendation explains the attachment of form b) on wagons with holes, described in **NEM 380**.

It also explains the attachment of ILU to European pocket cars.

2. Preface to flat cars and pocket cars

Flat cars and pocket cars have different loading positions for ILU to achieve an even load distribution on the axles and bogies. Some cars have movable container holders to allow for different charging positions.

Examples can be found under **Supplement to NEM 380**.

Unused container holders must be folded outwards.

3. Conditions for model railroads

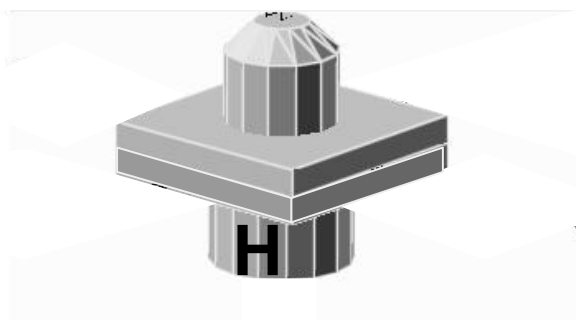
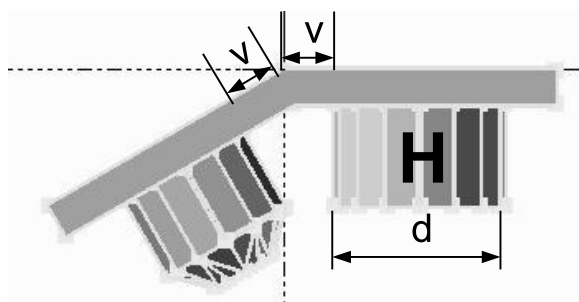
This recommendation assumes that the holes with the dimensions according to **NEM 380** are present at all possible loading positions.

4.1 Recommendation for flat cars

According to the number of holes on the flat car, either

- foldable or
- open and closed

container holders are included as accessories in sufficient numbers, which have a cylinder **H** below.



In this way, the container holders can be used at any location where the load is positioned.

The diameter of the cylinder d should be almost equal to the diameter of the hole according to **NEM 380**. This is how the container holder is fixed and cannot fall off. The upper pin should have the dimensions according to **NEM 380**.

Depending on the distance of the center of the pin from the outside of the carrier car, the folded fixing is extended in the area v from a square to a rectangle depending on the distance of the center of the pin from the outside of the carrier car, according to the model.

4.2 Recommendation for pocket cars

If fixed supporting plates are installed in reality, holes must be installed in accordance with **NEM 380**. For these positions, accessories in the form of closed fastenings as described under 4.1 are to be added.

If foldable supporting plates are included in the scope of delivery or are retrofittable, they must be designed in such a way that the dimensions according to **NEM 380** are complied with in the closed state, in particular the width dimension e .

Foldable supporting plates with holes and pins are offered with the product on the market, but at least they can be supplied as accessories.