

# FASTENING OF CHECKER PLATES IN STEEL PLATFORMS WITH HO WASHERS

## **PROBLEM:**

Conventional fastening systems require accessibility from above and below, e.g. with the help of an elevated work platform.

This may lead to

- · high personnel / time expenditure and thus high costs
- · possible dangerous situations due to poor accessibility.

## **SOLUTION:**

Our specially designed direct screwing system comprising nonut ® TDBL fasteners¹ and HO washers² for bulb plate from 5/7 mm





## YOUR ADVANTAGES:

#### Simple and robust

- · holes are already cost-effectively drilled during manufacturing
- · TDBL drilling in the beam: 10 or 13 mm
- · recess in bulb plate for HO washer: 31 ≤ d < 33 mm
- · no complex tapped holes or countersunk holes required
- · cost-effective installation from above
- · also suitable for fastening grates

#### Safe and efficient

- · no dangerous assembly positions and procedures
- · no risk of tripping
- · special shape of the HO washer enables later disassembly
- · tested for absorption of tensile and shear forces
- · reduced number of fastening points needed
- secure against loosening under dynamic loads

<sup>&</sup>lt;sup>2</sup> Zinc plated, moulded part specially designed by Hoffmeier Industrieanlagen GmbH + Co. KG; protected as German Utility Model.

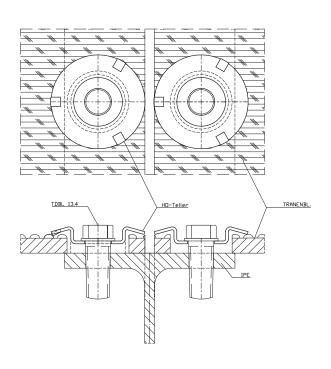


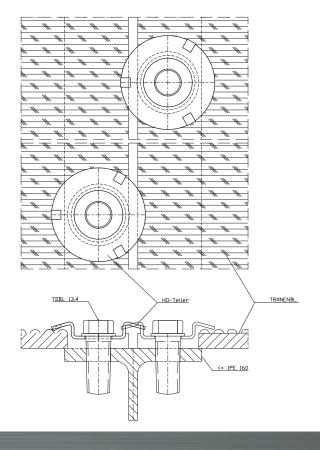
 $<sup>^{\</sup>mathrm{1}}$  Thread forming fastening system by SFS Group AG with German national technical approval.











# **CONSULTATION AND SALES BY** SFS Group Germany GmbH · Oberursel





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