

HO WASHERS & nonut® TDBL FASTENERS

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

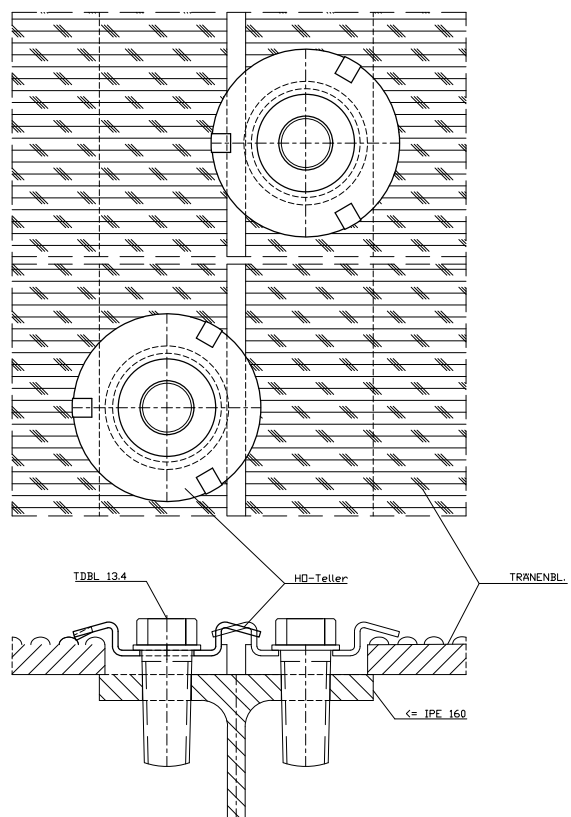
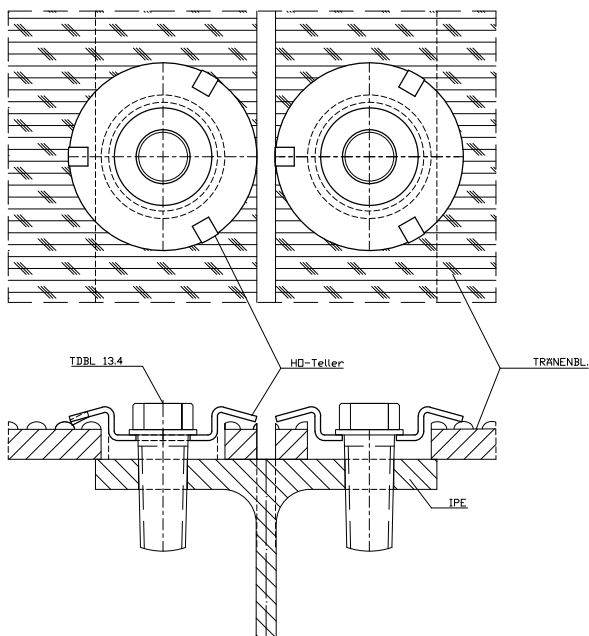
- holes are already cost-effectively drilled during manufacturing
- TDBL drilling in the beam: 10 or 13 mm
- recess in bulb plate for HO washer: $31 \leq d_r < 33$ mm
- no complex tapped holes or countersunk holes required
- cost-effective installation from above
- also suitable for fastening grates

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

¹ Thread forming fastening system by SFS Group AG with German national technical approval.

² Zinc plated, moulded part specially designed by Hoffmeier Industrieanlagen GmbH + Co. KG; protected as German Utility Model.



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