Rivet ball stud for extremely high loads

KEBA FASTENINGS

BALLSTUD

The KEBA **BALLSTUD** has been developed to withstand extremely high loads and can be set fully-automatically in a progressive tool or transfer tool. Thus, the downstream operation for the orbital riveting of the ball stud is eliminated providing high-cost savings in return.

The KEBA **BALLSTUD** can also be set in very narrow sheets as it only requires minimum space. It is very similar to a standard ball stud, but is a lot cheaper in terms of assembly.

FEATURES AND BENEFITS

- High-cost savings
- Fully-automatic processing
- Geometry similar to standard ball studs
- Minimum space requirements
- Suitable for large sheet thickness ranges
- Customized geometries available
- Preservation of the sheet stability due to small pilot holes

KEBA FASTENINGS

For more information please contact:
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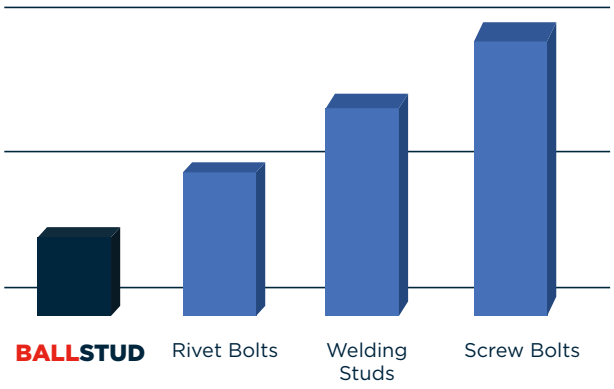
Exemplary costs for the assembly of sheet metal parts with ball studs

Improvements on the current state-of-the-art technology with **BALLSTUD** can be inserted during the manufacturing of the body sheet metal. The downstream operation is thus completely eliminated offering potentially high-cost savings.

Cost Comparison



- Reduced logistics costs due to the elimination of in-plant transportation between production stages
- Reduced staff and related costs due to the elimination of a downstream operation
- Low space requirements (no downstream system is required)
- Shorter processing times and lower capital commitment
- Lessened warehousing and related costs

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