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TIFAS® Star blind rivets

TIFAS® Star blind rivets form three folding legs on the blind side on installation. These large-shaped folding legs evenly and sparingly distribute the resulting clamp force across the riveted material.

What’s more, the large footprint created by the folding legs superbly prevents the rivet from being pulled all the way through very soft, porous or brittle components. The captive mandrel prevents setting errors or rattles.

The unique design of the TIFAS® Star makes it capable of compensating for oversized or irregular bore diameters.

Also available in steel or aluminium with large head. TIFAS® Star blind rivets are perfectly suited for the automotive sector, e.g. plastic panelling, bodywork components and vehicle interiors, but also for every other application that is especially soft, brittle, easily deformed, or porous.

Benefits at a glance

1. Ideal for hard/soft connections
2. Large blind-side footprint for ideal load distribution
3. Generous drill hole tolerances
4. Quick and secure installation
5. Permanent secure fixing
6. Heatless installation means component will not warp.
7. Eliminates extensive refinishing
8. Fastens different types of material, such as metal or plastic
9. Ideal for lightweight constructions
10. Folding legs form a very large blind-side footprint
11. Distributes the contact load on the rear material and provides high pull out resistance
12. Multi-range properties – covers numerous areas of material strength
13. Securely retained mandrel head

Applications

1. General industry
2. Automotive industry
3. Construction industry
4. Bodywork and vehicle manufacture
5. Plastics industry
## TIFAS® Star blind rivets

### Dome Head

**Material**
- **Sleeve**: Steel, galvanised, passivated
- **Mandrel**: Steel, galvanised

<table>
<thead>
<tr>
<th>Nominal Bore Grip range</th>
<th>Blind sleeve</th>
<th>Blind rivet head</th>
<th>Mandrel</th>
<th>Nominal strength at break*</th>
<th>Article No.</th>
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<td>ød [mm]</td>
<td>øs [mm]</td>
<td>l ±0.5 [mm]</td>
<td>ødk ±0.3 [mm]</td>
<td>Height k ±0.3 [mm]</td>
<td>ødm nom. [mm]</td>
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* Strengths at break relate to rivet failure.

Other designs available on request.
**TIFAS® Star blind rivets**

**Dome Head**

| Material | Sleeve | Aluminium AlMg 2.0/2.5 | Mandrel | Aluminium AlMg 2.0/2.5 |

**Nominal Bore Grip range**

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<tr>
<th>Blind sleeve</th>
<th>Blind rivet head</th>
<th>Mandrel</th>
<th>Nominal strength at break*</th>
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*Strengths at break relate to rivet failure.

Other designs available on request.
TIFAS® Star Blind Rivets

Large dome head

Material

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<tr>
<th>Sleeve</th>
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Other designs available on request.

Subject to change
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Titgemeyer Group is a leading fastening technology and transport technology group of companies with 15 sites across Europe. Steeped in tradition, the company develops, manufactures and sells more than 30,000 fastening elements, tools and vehicle components – in series and to customer specification.

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