



HEICO-TEC® COMPACT SERIES

SAFE AND COMPACT

The HEICO-TEC® Compact Series was specially developed for applications where limited space is available in both axial and in radial directions or, in relation to the classic, high-strength tension nut series (strength class 8 or 10), a more moderate preload level must be generated.

The target is to generate the optimum out of the available installation space and the maximum preload force that can be generated.

- The standard dimension range is M20 - M160
- Available in blank (uncoated) and zinc flake coated versions
- Other dimensions, coating systems or materials are available upon request



Basically, the HEICO-TEC® Compact Series consists of two standard series:

HTM/FL

FLAT VERSION; LIGHT SERIES

Compactness is the focus of the FL series. The FL series is suitable for the tightest applications with the most difficult accessibility. The preload force capacity is lower compared to the FS series.

HTM/FS

FLAT VERSION; HEAVY SERIES

The FS series offers a significantly higher preload capacity with a very compact design. As a result, relatively high preload forces can be generated even in the tightest spaces.



DESIGN AND FUNCTION

- In contrast to the HEICO-TEC® Tension Nuts of strength class 8 and 10 the HEICO-TEC® Compact Series uses high-strength set screws with internal drive.
- Inserting the set screws into the nut body allows a significantly more compact design concept, since the overall height of the tension nut is the total height of nut body and washer (set screws do not protrude from nut body).
- For the assembly of the set screws, conventional hex socket bits are used.
- The thread stripping strength of the Compact Series is dramatically improved by the special nut body / washer geometry.