EJOT ALtracs® vs. EJOT ALtracs® Plus

The thread-forming ALtracs® screw for light alloy has undergone further development and is now available as ALtracs® Plus.

In addition to the proven performance qualities of the ALtracs® thread form, the ALtracs® Plus also features:

- lower installation torque
- improved application of the screw
- less abrasion

When changing over to ALtracs® Plus no modification of the hole geometry is necessary.

A general review of the torques is recommended when switching to ALtracs® Plus.

Our employees of the application engineering and the technical laboratory EJOT APPLITEC will gladly assist you.

EJOT ALtracs® Plus screws

Detailed changes:

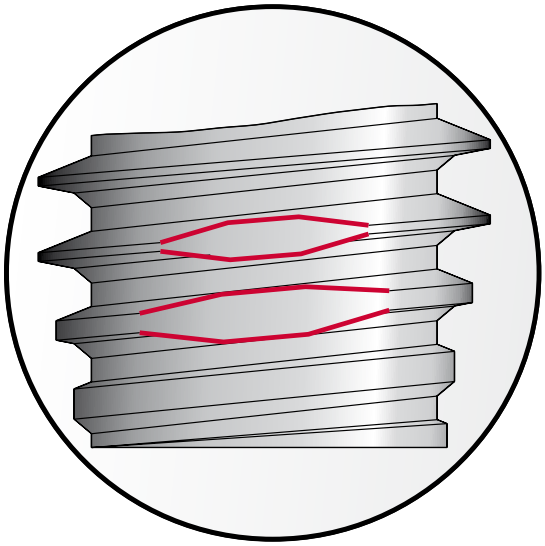
External diameter tolerance:

The tolerance of the ALtracs® Plus has been adjusted and is now in the +/- range. For that reason ALtracs® Plus is produced closer to the nominal diameter, which means that we are able to reach more consistent and lower installation torques. Metric Compatibility is maintained.

Screw-Ø [mm]	1.6 - 2.2	2.5 - 3.5	4.0 - 5.0	6.0 - 8.0	9.0 - 10.0
External-Ø tolerance					
EJOT ALtracs®	+0.08	+0.10	+0.12	+0.14	+0.18
EJOT ALtracs® Plus	±0.04	±0.05	±0.06	±0.07	±0.09

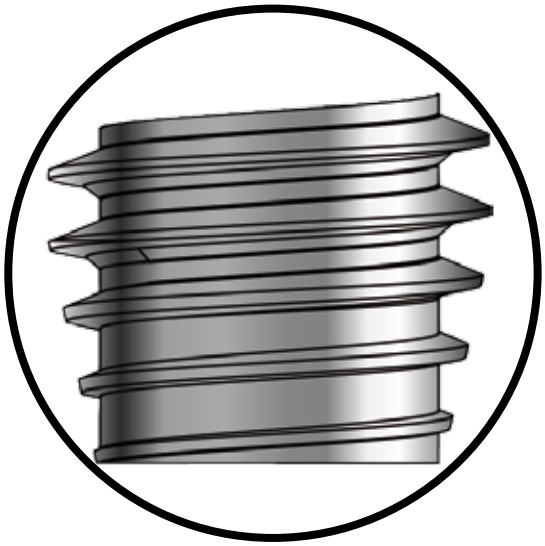
Screw point / forming zone:

The conical forming zone of the ALtracs® Plus improves application and insertion into the mating material. The length until the first, fully loaded turn of thread, has not changed at max. 4 x P (P = thread pitch).
Variations in the hole diameter are easily compensated.



ALtracs®

non-circular thread forming zone

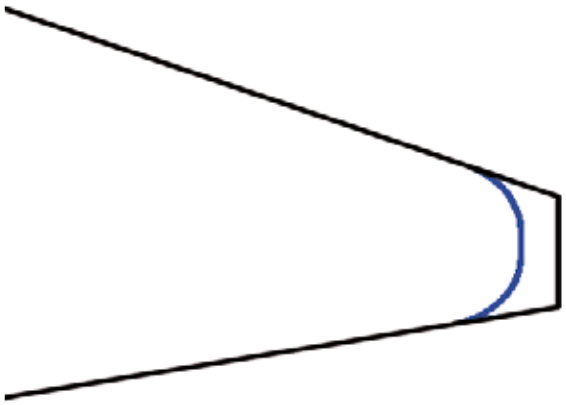


ALtracs® Plus

conical thread forming zone

Thread flank:

The ALtracs® Plus thread flank is rounded off at the crest.
This enables a more gentle forming of the light alloy and in turn easier tightening.



ALtracs® - before: pointed

ALtracs® Plus - new: rounded

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