



Into space with VÖLKEL – We support the HyEnD student rocket project



At VÖLKEL, quality, precision, and progress have always been our focus—and it is precisely these values that connect us with the **HyEnD (Hybrid Engine Development)** student rocket project at the University of Stuttgart.

We are proud to support these ambitious young scientists with high-quality [thread cutting tools](#) from VÖLKEL. Our specialized tools are used in critical threaded applications – for example, in structural components and engine

parts that must meet the highest demands for strength and precision.

Our proven [V-COIL thread insert system](#) is also used in the project. It reinforces threads in softer materials, ensuring maximum durability and safety – a crucial factor under extreme loads and in aerospace environments.

A special highlight of the collaboration is the N₂ORTH 3 project, which we will be closely monitoring and supporting in the coming weeks and months. With a newly developed rocket, the HyEnD team aims to reach an altitude of **up to 100 kilometers**—a milestone that would set a new **world record**. The rocket launch is planned for **November of this year**. We are proud to be part of this exciting mission.

This collaboration with HyEnD impressively demonstrates that our products perform reliably even under extreme conditions – and shows how important it is to provide young talents with dependable tools.



As a company, we see it as part of our responsibility not only to supply industry and craftsmen, but also to actively promote research and young scientists. That is why we support the HyEnD project with our technical expertise and tailor-made threading solutions – out of conviction and enthusiasm for technical innovation.

We wish the entire HyEnD team every success and are proud to be part of this fantastic project!

Learn more & stay up to date!

Want to learn more about HyEnD and the “N₂ORTH 3” mission?

➔  Follow us on [LinkedIn](#), [Instagram](#) and [Facebook](#) for exclusive behind-the-scenes impressions of our partnership with HyEnD.

VÖLKELE - Threading Solutions

Imprint

VÖLKELE GmbH

Morsbachtalstr. 20, 42855 Remscheid, Germany

Executive Board: Daniel Völkel, Peter Völkel, Sarah Joa-Völkel

Headquarter: Remscheid

Registered at Wuppertal, HRB 11462

Tel. +49 2191 490112

Fax +49 2191 490125

E-Mail info@voelkel.com

www.voelkel.com



© 2025 VÖLKELE GmbH