



Hello,

in this issue of V-News, we combine motorsport, technical knowledge and practical tooling solutions.

We start at the Nürburgring: **Team VÖLKEŁ is competing in the new German Historic Endurance Championship (DHLM)** and will be taking its Mercedes-Benz 500 SEC onto one of Europe's major motorsport stages.

We also take **a closer look at pipe thread types** such as G threads, R threads and NPT systems. Knowing how to distinguish these systems reliably helps prevent mistakes in sealing, tool selection and application.

Our third topic focuses on **LÖHER twist drills with W/LF flute geometry**. We explain what makes this special flute geometry different and why it is particularly effective in demanding drilling applications.

Team VÖLKEŁ Starts in the DHLM at the Nürburgring



Nürburgring, 24-hour race weekend, historic racing cars and a very special atmosphere: this coming weekend, one of Europe's major motorsport stages will be in the spotlight. Right in the middle of it is Team VÖLKEL, competing in the new "Deutsche Historische Langstrecken Meisterschaft", or DHLM for short.

The race will take place on the Nürburgring combined circuit, in the heart of the Green Hell, where motorsport history is not only remembered but regularly written anew. The DHLM brings historic endurance racing back to this track, combining classic racing cars with endurance, strategy, teamwork and technical reliability.

For Team VÖLKEL, a true classic will be on the grid: a Mercedes-Benz 500 SEC. A car with character, presence and plenty of motorsport charm. The perfect foundation for a weekend we are very much looking forward to.

Motorsport and tooling technology have more in common than it may seem at first glance: precision, preparation, resilience and performance exactly when it matters. Whether on the race track or in the workshop, what counts in the end is technology that works reliably.

The anticipation within the team is high, and so are our ambitions. We are looking forward to competing on this special stage and taking on the challenge.

👉 [Learn more](#)

Identify Pipe Threads Correctly



G threads, R threads and NPT systems are often confused in practice. The problem: they may look similar, but technically they work differently and cannot simply be combined at will.

Especially in pipe connections, it is not only the thread size that matters, but also the sealing principle. Does the thread seal by itself? Is an additional seal required? And does the thread system actually match the application?

G threads are parallel and do not seal in the thread itself. R, Rp and Rc threads belong to the group of thread-sealing systems. NPT threads are also tapered and sealing, but they follow the American standard and have a different flank angle than European BSP threads.

If you confuse these systems, you risk damaged threads, leaks or connections that do not function reliably in use. That is why it is worth taking a closer look at thread form, sealing principle and standard.

In our blog article, we explain the most important pipe thread types in a compact and understandable way, with a focus on practical application in thread cutting.

👉 [Learn more](#)

More Chip Space, More Stability: LÖHER W/LF Drills



Deep holes, demanding materials and high chip volume place special demands on twist drills. If chips are not removed cleanly from the hole, the drilling process suffers, and this is exactly where the W/LF flute geometry from LÖHER comes in.

W/LF is a specialized solution for applications where standard drills can quickly reach their limits. The drill combines the proven helix angle of a type W drill of around 35° to 40° with a special flute geometry that creates additional chip space and supports the removal of larger chip volumes.

Reliable chip evacuation plays an important role, especially with tougher steels, cast iron or Al-Si alloys. In addition, the reinforced core provides greater stability, improved guidance and a more controlled running behavior during use.

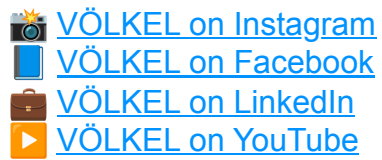
LÖHER W/LF drills are available in short, standard, long and extra-long designs according to DIN 1897, DIN 338, DIN 340 and DIN 1869 1–3. In combination with HSS-E and the appropriate point geometry, they are very well suited for steels above 900 N/mm² tensile strength, cast iron and Al-Si alloys.

Are you looking for a suitable solution for difficult materials or deeper drilling operations?

👉 [Request now](#)

You can also find more information about cobit and LÖHER on [LinkedIn](#).

We hope you enjoyed this small selection of topics in our newsletter. You can regularly find more insights, applications and news about VÖLKE on our social media channels:



See you next time,
Your VÖLKELE Team

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