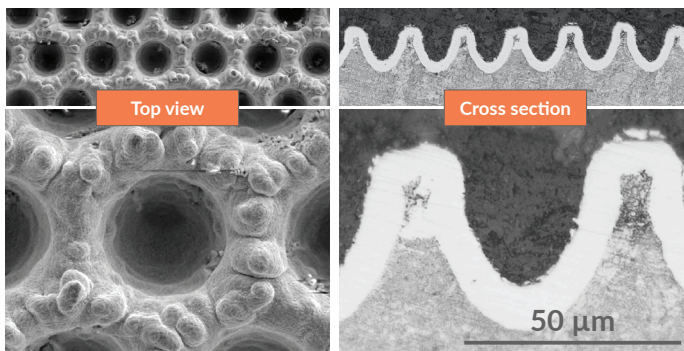


Controlled friction of steel surfaces

By combining the latest in laser technology and surface hardening, TRD Surfaces introduces the new technology L-TRD for producing surfaces with highly controlled coefficient of friction. Laser technology enables a precise and repeatable surface topography, while TRD hardening ensures the correct retention and lifetime of the tailored surface. L-TRD is used in functional applications within mechanical engineering, e.g. safety clutches and friction couplings.

In collaboration with

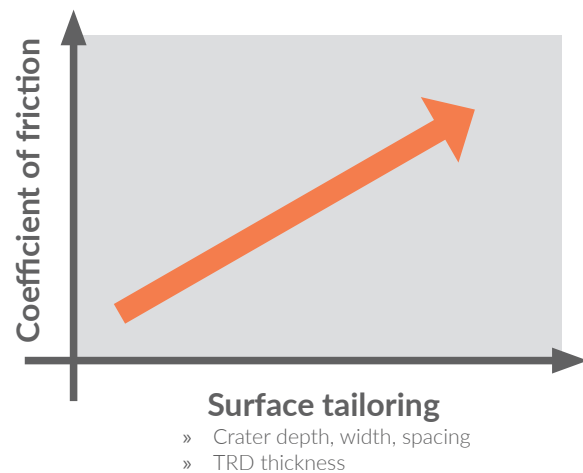
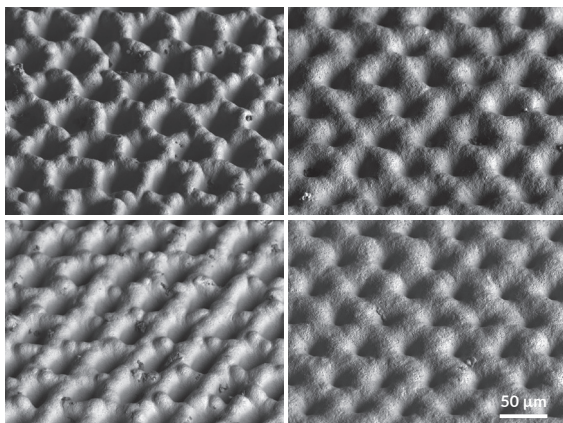


"At MAN ES we needed a better solution for one of our high-friction components. After joining forces with TRD Surfaces, we now have a precise, controllable and reproducible solution. As a vital add-on, we can perform non-destructive quality control of every part."

Jesper Vejlø Carstensen,

Senior Research Engineer, M.Sc., Ph.D., MAN ES

- Uniform, controllable friction in mechanical joints
- Tailored friction properties
- Precise and reproducible coefficient of friction
- Fast, easy and non-destructive quality control



The coefficient of friction can be controlled by manipulating the surface into different topographies by L-TRD

About TRD Surfaces

TRD Surfaces is a high-tech surface engineering company based in Denmark, offering unique solutions for optimal wear and corrosion performance of steel components. We aspire to deliver the best service and constructive dialogue for our customers. We are driven by a desire to understand your challenges, and apply the correct surface engineering to fulfill demands for better performance and increased lifetime.



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