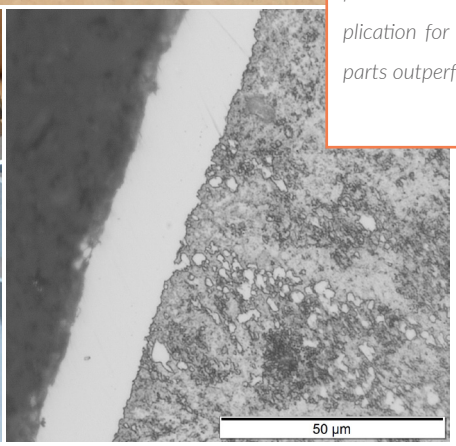
Unmatched wear and corrosion protection of valves with TRD

Stainless steel valves may suffer from corrosion and wear during operation. When exposed to harsh environments such as chemicals and abrasive media, efficiency and performance of the valve decreases over time. TRD Surfaces is ready to offer you a longer life time with a well-documented and thoroughly tested process. By utilising a TRD chromium based surface treatment, both wear and corrosion properties are enhanced, thereby increasing lifetime considerably and maintaining a high performance. TRD Chromium carbide (CrC) has been shown to outperform traditional carbon-based surface hardening treatments for stainless steel in highly abrasive media. This is linked to the unmatched high hardness for TRD CrC of 2000HV.



Surface hardening of valves

- Maximum wear resistance
- Outperforming existing solutions
- Cost-competitive prices

"We are pleased with the high quality of both the technical solution to our challenge and the professional collaboration from the team behind TRD Surfaces. In a highly abrasive application for our Varibell stainless steel valves, TRD treated parts outperformed all other surface treatments."

S. Jakab, Technical director, EPC Ges.m.b.H.

Optimal solution for valves

- Unmatched hardness of 2000 HV
- Improved corrosion resistance
- No limits on geometry

- Quality control and robust, unique process ensures high surface quality
- Deep theoretical and practical knowledge consolidates the needs for your application
- Send your parts today and get a non-binding offer

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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