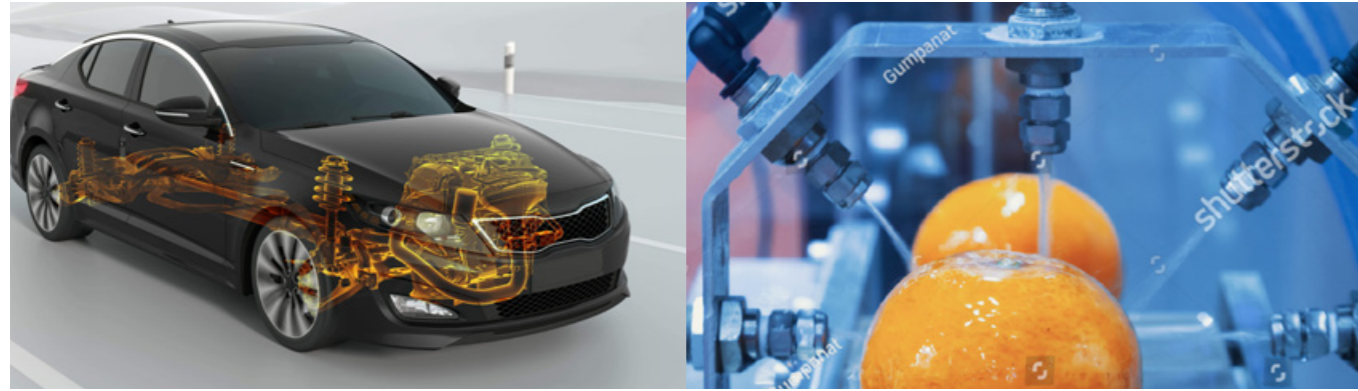




surface
technologies

Are your stainless steel machine parts
no longer meeting the demands of
your challenging environment?

**Stainihard® strengthens
stainless steel and
pushes the boundaries
of performance.**



Stainihard® NC

Stainihard® NC is a low-temperature diffusion process for surface hardening stainless steel parts such as plungers, valves, bushings and many others! Stainihard improves wear resistance and prevents galling in, for example, metal-to-metal pumps, seals and bearings. Thus ensures longer operating times and less necessary maintenance! The Stainihard treatment does not change the material composition and is therefore also safe to use in food & medical applications

Please contact us to learn more about this process and their advantages.

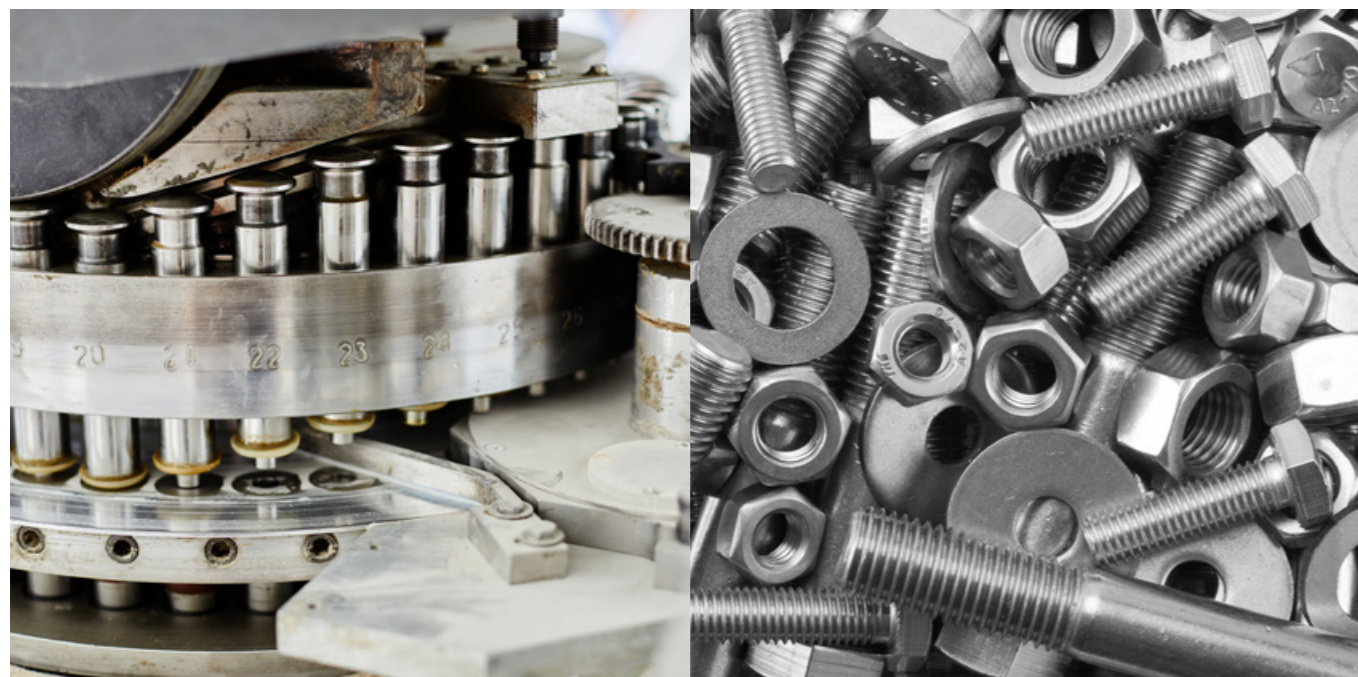
The smart improvement for stainless steel

- a hardened surface such as a screw thread that stays sharp and is resistant to cold welding.
- reliable performance in demanding applications such as you can find in automotive.
- stainless steel medical instruments with superior mechanical properties.
- wear-resistant surfaces that can withstand intensive use and cleaning in food applications.



Market applications where you can use Stainihard

- food manufacturing and production
 food beverage manufacturing equipment parts for production lines resulting in decreased downtime and cost savings industrial fluid handling anti-galling and wear resistant in industrial pumps, valves and fittings
- industrial and consumer fasteners
 fasteners that maintain their corrosion resistance, but are non-galling and better wear resist, and can be disassembled easily
- automotive components
 new fuel and efficiency challenges in today's automotive applications require corrosion resistant, hardened components that will be resist against wear and provide longer part life
- medical devices
 Medical devices that needs improved wear resistance, fatigue resistance, and maintain a hard, sharp edge
- Marine applications
 Wear and scratch resistant parts and fasteners who still need a very good corrosion resistance
- Consumer goods
 Stainless steel consumer goods with a tough, scratch and wear resistant surface





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