

It should be clean!

The sturdy among the clutch stars

The splintering of paint or metal due to aggressive cleaning agents can lead to considerable production problems in many industries. Expensive product recalls and legal consequences can be the result. Stainless steel drives help eliminate this problem in the future from the production. Due to their surface structure, stainless steel gear units and stainless steel motors are more hygienic and corrosion-resistant than aluminum or gray cast iron drives. They are ideal for all applications in which hygienic and chip-free production is to be produced. To optimize the production process in terms of cleanliness, it makes sense that all drive components made of stainless steel.

Stainless steel coupling star

A special feature is the stainless steel coupling star, which is compatible with stainless steel drives. It is elastic and at the same time vibration-damping. It is mainly used in combination with steel, cast iron or hard-coated aluminum hubs. In contrast to other coupling stars, corrosive environments can not harm the patented stainless steel star. The braid has a high temperature resistance up to 500 ° C with almost constant torque capacity. Torsional stiffness and damping distinguish it as well as its chemical resistance. In addition, the star is resistant to aggressive environmental influences. It is electrically conductive and resistant to hydrolysis. The coupling star made of stainless steel thus represents an optimal additional component for germ-free production with stainless steel drives. The stainless steel coupling star is particularly suitable for the chemical, pharmaceutical and food industries. In addition, it is used in mechanical engineering, the automotive industry as well as in steelworks and hydraulic power units. The standard hardness of the stainless steel star corresponds to 92 Shore A of the elastomer star.