

Characteristics of Morse Products that are “Made of Stainless Steel”

Many Morse products can be furnished with their metal structures made of Type 304 Stainless Steel (T304SS) instead of normal steel. Typically, the stainless steel parts are made with the “mill finish” or the standard surface finish, as the stainless steel material comes from the mill and through the supply chain.

Morse uses electric welding such as TIG and/or gas-shielded wire feed welding using stainless steel rod or wire. Welds may be scraped or brushed for superficial cleaning, but not ground smooth. The completed stainless steel fabricated components have a finished surface, but are not mechanically ground or abrasive polished.

In a typical job involving stainless steel there may be components such as motors, gears, bearings, hydraulic components, wheels, etc. that are not stainless steel and are furnished as purchased, with their manufacturers’ standard finish. Morse may choose to use some stainless steel hardware such as roll pins and fasteners that may differ from T304SS.

The above information applies to the most common versions of Morse Products made with stainless steel.