

The optimal cutting conditions depend on the machine tool, the cutting tools, the chip dimensions, the lubricant-cooling fluid, as well as the tolerances and surface the roughness to be achieved.





hing Mechanical and electro-polishing: adapted
The ∂ (Delta) Ferrite present in this steel does not permit to achieve a mirror polishing.

• The ∂ (Delta) Ferrite is electro-polished in relief.

Welding Relatively difficult

Laser Marking • The HAZ Zone (Heat Affected Zone) of the laser marking can influence negatively its local microstructure. <u>More info</u>

Sensibilization • This steel can be sensibilized by precipitation of intergranular carbides in the temperature range of 400-900°C. These precipitations provoke brittleness and intercristalline corrosion.



SSIM Modifications will not be adjusted automatically Last update 01/2019



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EDELSTÄHLE UND METALLE FINE STEEL AND METALS

Disclaimer: The information and data of this informative "Data sheet" are indicative only. They are not use instructions. The users must define and endorse them in each case.