

303F stainless steel bars:

303F stainless steel: 303F stainless steel rod, 303F stainless steel hexagonal bar, 303F stainless steel square bar, 303F stainless steel oval bar, 303F stainless steel semi-circular bar, 303F stainless steel ground rods, 303F stainless steel bright bars, 303F stainless steel polished rod, 303F stainless steel polished rod, 303 stainless steel black bars, 303F stainless capstan bar, 303F stainless steel cutting steel bars, 303F stainless steel automatic lathe bar, 303F stainless heat treatment steel bar

Chemical Composition of 303F stainless steel bars:

Steel	C	Si	Mn	P	S	Cr	Ni	Mo	Cu
SUS303F	≤0.15	≤1.00	≤2.00	≤0.20	≥0.30	17.0~19.0	8.0~10.0	≤0.6	≤1.0

303F focuses on anti-corrosion properties, its corrosion resistance is stronger than 303Cu .

303F stainless steel processing performance: a particularly good turning performance, almost twice higher than 303CU.

303F Stainless Steel advantages: good control of the copper content, copper content in complete compliance with the specific requirements of (EU standards); particularly good processing performance.

303Cu austenitic stainless steel bar is acid resistant stainless steel. To improve the performance of steel, more than 0.60% molybdenum is added in steel, so it can be abrasive, easy cutting and corroded.

Mechanical Property of 303F stainless steel :

Mechanical property				
Grade	Yield Strength $\sigma_{0.2}$ (MPa)	Tensile Strength $\sigma_b$ (MPa)	Hardness	Elongation $\delta_5$ (%)
303F	205	515	HRB 90-100 HRC 20-25	40