



L605/ Haynes®25 Technical Data

UNS R30605-Haynes®25-2.4964

Cobalt-chromium specialty alloy.

Excellent antioxidant properties below 1090C°(1994F°). Good weldability, High ductility and biocompatibility.

Commonly being delivered in solution or annealed condition.

General property:

Density: 9.13 g/cm³

Melting range: 1325-1400°C

Its oxidation resistance is suitable for intermittent operation up to 1600°F and continuous operation up to 2000°F.

Chemical composition:

	Co	C	Mn	P	S	Si	Cr	Ni	W	Fe
Min	Balance	0.05	1				19	9	14	
Max	Balance	0.15	2	0.04	0.03	0.4	21	11	16	3

Product ranges:

Round bar

Coil

Welding consumables

Applications:

Guide vane

Turbine outer ring

Turbine outer ring

Turbine outer wall

Sealing piece

Heat exchanger

Reactor

Medical implant

High temperature ball bearings, valves, springs