



STEEL DESCRIPTION

RWL 34 is a martensitic stainless steel produced by powder steel technology. It is a steel with a very high resistance. This consists in a finer dispersion (scattering) of carbides, thanks to which microscopic cracks do not occur when steel is struck, as is the case with materials with large clusters of carbides. For this reason, this steel has up to two times higher values of dynamic fracture toughness compared to other martensitic hardenable steels.

STEEL USING

- Knives
- Food industry
- Machine knives
- Industrial knives
- Damascus steel component
- Parts for engineering

PROPERTIES

Very durable, stainless steel with great properties.

RWL-34

Web: www.jatagan.eu Email: shop@jatagan.eu

CHEMICAL COMPOSITION

C	Si	Mn	Cr	Mo	V
1,05%	0,50%	0,50%	14%	4%	0,2%

HEAT TREATMENT

Hardening

1050°C - 1160°C

Forging

1050°C - 1160°C

Tempering

150°C - 250°C

Hardening	Tempering	Tempering time	Hardness
1080°C	220°C	2 hodiny	58-59HRC
1050°C	175°C	2 hodiny	62-63HRC
1100°C	175°C	2 hodiny	63-64HRC