



UHB20C / 1095

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STEEL DESCRIPTION

Multi-purpose carbon steel with high tensile strength. It is often used for various small and medium components such as springs, knives and valves. After quenching and tempering, it has a fine martensitic structure that provides the highest fatigue strength of all non-alloy steels. Popular steel for damascus / pattern welded blades in combination with 15N20 steel.

STEEL USING

- Knife blades
- Springs
- Damascus steel component
- Parts for engineering

PROPERTIES

Quality carbon steel for making blades and as a component of Damascus steel.

CHEMICAL COMPOSITION

C	Si	Mn	P max	S max
1,0%	0,30%	0,45%	0,015%	0,006%

HEAT TREATMENT

Hardening

800°C to oil

Tempering

100°C - 300°C

100°C	200°C	300°C
67HRC	63HRC	57HRC