

ALLOY RED GOLD 9KT

NEED TO ADD SILVER

RED1

RECOMMENDED APPLICATIONS

WORKING: MECHANICAL - INGOT CASTING

PRODUCTION: STAMPING – SHEARED – SOLID CHAINS – HOLLOW CHAINS

CHARACTERIZATION DATA

COLOR RED

PERCENT SILVER TO ADD 6%

DENSITY [g/cm³] 10,55

MELTING TEMPERATURES °C 940

MECHANICAL WORKING PARAMETERS

MELTING TEMPERATURES °C 1075

CASTING TEMPERATURE [°C]	ANNEALING TEMPERATURE[°C]	TIME MINUTES ANNEALING
INGOT MAKING [°C] 1040-1050	> 5 MM 640-650	30
	< 5 MM 640-650	30
	< 1 MM 640	25

HARDENING TREATMENT:

Ⓢ 260 °C FOR 180 MINUTES, COOL VERY SLOWLY

TECHNICAL CHARACTERISTICS

AS CAST HARDNESS HV AC 108

HARDNESS AFTER AGE-HARDENING HV AH 145