

ALLOY YELLOW GOLD 18 KT **M5X20**

RECOMMENDED APPLICATIONS

CASTING: OPEN SYSTEMS
WITHOUT STONES .

CHARACTERIZATION DATA

COLOR YELLOW

PERCENT SILVER 5%

DENSITY [g/cm³] 12,60

MELTING TEMPERATURES °C 870

CASTING PROCESSING PARAMETERS

MELTING TEMPERATURES [°C] 1000

CASTING TEMPERATURES[°C]	METAL [°C]	FLASK [°C]
THIN (BELOW 0,5MM)	1000-1010	660-700
MEDIUM (FROM 0,50 TO 1,2MM)	990 -1000	600-640
THICK (ABOVE 1,2MM)	970 - 980	500-600

TREES WITHOUT STONES: LET THE FLASK COOL FOR 10-15 MINUTES, THEN QUENCH IN WATER.

PICKLING: DIP IN RADIAL SOLUTION 50g/l, °C60 FOR 2 MINUTES, OR IN SULPHURIC ACID 10% CONC, AT °C 50 FOR 5 MINUTES.

TECHNICAL CHARACTERISTICS

AS CAST HARDNESS HV AC 110

HARDNESS AFTER AGE-HARDENING HV AH ---