

ALLOY YELLOW GOLD 9 KT

**M12X17**

**RECOMMENDED APPLICATIONS**

**CASTING:** OPEN SYSTEMS – CLOSED SYSTEMS  
WITH STONES - WITHOUT STONES -

**CHARACTERIZATION DATA**

**COLOR** INTENSE YELLOW

**PERCENT SILVER** 12%

**DENSITY [g/cm<sup>3</sup>]** 11,35

**MELTING TEMPERATURES °C** 905

**CASTING PROCESSING PARAMETERS**

MELTING TEMPERATURES [°C] 1025

CASTING TEMPERATURES[°C]	METAL [°C]	FLASK [°C]
THIN (BELOW 0,5MM)	1000-1020	660-710
MEDIUM (FROM 0,50 TO 1,2MM)	990-1000	600-640
THICK (ABOVE 1,2MM)	970-990	500-600

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

**TREES WITH STONES:** LET THE FLASK COOL FOR 30-45 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.