

Master Alloy: W200 (14K &18K)

Product No./產品型號: W200 ; (with nickel, 含鎳)

合金特性 Alloy Characteristics		14K	18K
Density 密度 (g/cm ³)		12.84	14.80
Hardness 硬度	Cold worked, Reduced 60% (Hv), 冷加工減少 60% (Hv)	228	228
Hardness 硬度	Reduced 60%, Annealed 15 mins at 680C, Water quenched 水冷卻, 於 680 度退火 15 分鐘, 減少 60% (Hv)	144	147
Hardness 硬度	Reduced 60%, Annealed 15 mins at 680C, Air cooled 空氣冷卻, 於 680 度退火 15 分鐘, 減少 60% (Hv)	162	190

建議鑄造參數		14K	18K
Recommended Investment Casting Parameters			
Casting Temperature Range (°C) 澆鑄溫度範圍		1080	1100
Quench Time (min.) 淬火時間		15	15

建議首飾樹的清潔及風乾步驟 **Recommended Cast Tree Cleaning and Drying Procedure**

After a preliminary removal of the investment powder during quenching, submerge trees in a hot (80-100°C) 50% phosphoric acid solution for 15-20 minutes. Rinse well with cool water to remove any remaining investment powder and base metal oxides. Dry with compressed air.

Do not dry trees in any type of furnace!

首先清潔首飾樹上的粉末, 然後把首飾樹浸泡於攝氏 80 至 100 度, 50% 磷酸約 15-20 分鐘。之後再用清水徹底清潔, 最後用壓縮空氣吹乾。

切勿把首飾樹放進任何爐具烘乾!

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