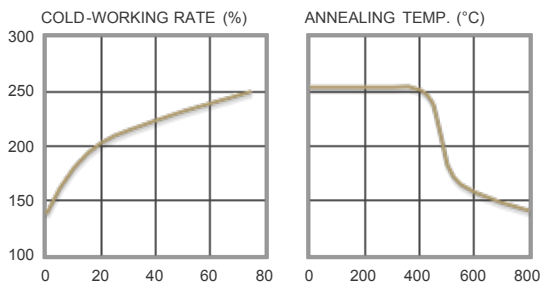


0148 / 18K WHITE GOLD WITHOUT NICKEL



18 CT WHITE ALLOY WITHOUT NICKEL FOR UNIVERSAL USE.
 VERY WHITE ALLOY THANKS TO HIGH PALLADIUM CONTENT AND THE ADDITION OF IRON.
 THIS ALLOY IS NOT HARDENABLE THROUGH HEAT TREATMENT.

Physical properties	Density	Melting range	Colour
	15.9 g/cm ³	1'120-1'170 °C	White

Mechanical properties	Hardness [HV1]	Rp _{0.2} [MPa]	Rm [MPa]	A ₅ [%]
Annealed	145	265	490	40
Cold-worked 75%	250	730	750	2

Heat treatments	Temp. [°C]	Time [min]	Protect. Gas.	Cooling
Annealing	700	30	N ₂ +H ₂	

COMPOSITION

Au 750 ‰
 Pd 150 ‰
 Fe + Cu + add. 100 ‰

USES

Stamping
 Deep drawing
 Coining

SATISFACTORY ●●●

Rolling
 Wire drawing
 Drawing

SATISFACTORY ●●●

Machining

SATISFACTORY ●●●

Polishing
 Diamond machining

SATISFACTORY ●●●

Investment casting

SATISFACTORY ●●●

