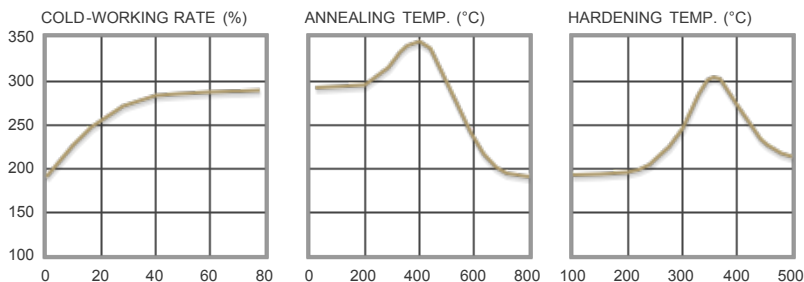


0207 / 14 CT WHITE GOLD WITHOUT NICKEL



UNIVERSAL WHITE 14 CT ALLOY WITH PALLADIUM, NICKEL FREE.
THIS ALLOY IS HARDENABLE THROUGH HEAT TREATMENT.

Physical properties	Density	Melting range	Colour
	14.25 g/cm ³	1020-1055 °C	White

Mechanical properties	Hardness [HV1]	Rp _{0.2} [MPa]	Rm [MPa]	A ₅ [%]
Annealed	190			
Cold-worked 75%	285			
Hardened	300			

Heat treatments	Temp. [°C]	Time [min]	Protect. Gas.	Cooling
Annealing	700	30	N ₂ +H ₂	Quench
Hardening	350	60	N ₂ +H ₂	Non-critical

COMPOSITION

Au 585 ‰
Pd 150 ‰
(Ag + Cu + add.) 265 ‰

USES

Stamping
Deep drawing
Coining

GOOD ●●●

Rolling
Wire drawing
Drawing

GOOD ●●●

Machining

GOOD ●●●

Polishing
Diamond machining

GOOD ●●●

Investment casting

GOOD ●●●

