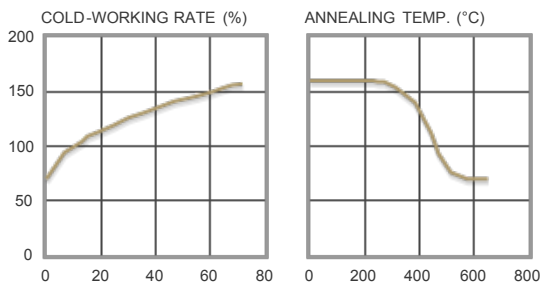


0918 / GOLD 22 CT YELLOW



22 CT ALLOY YELLOW APPROX. 3N WITH GOOD COLD-FORMING PROPERTIES (BENDING, STAMPING, ROLLING).

THIS ALLOY IS NOT HARDENABLE THROUGH HEAT TREATMENT.

Physical properties	Density	Melting range	Colour
	17.9 g/cm ³	970-1000 °C	Yellow

Mechanical properties	Hardness [HV1]	Rp _{0.2} [MPa]	Rm [MPa]	A ₅ [%]
Annealed	70	95	275	30
Cold-worked 75%	160	450	500	1

Heat treatments	Temp. [°C]	Time [min]	Protect. Gas.	Cooling
Annealing	600	30	N ₂ +H ₂	Non-critical

COMPOSITION

Au 917 ‰
Ag 44 ‰
Cu 39 ‰

USES

Stamping
Deep drawing
Coining

RECOMMENDED ●●●

Rolling
Wire drawing
Drawing

RECOMMENDED ●●●

Machining

SATISFACTORY ●●●

Polishing
Diamond machining

SATISFACTORY ●●●

Investment casting

SATISFACTORY ●●●

