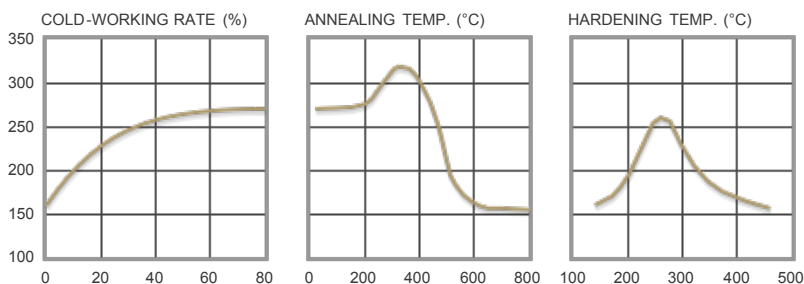


0514 / 14 CT RED GOLD, APPROX 5N



14 CT RED ALLOY, APPROX. 5N, WITH GOOD COLD-FORMING PROPERTIES (BENDING, STAMPING, COLD ROLLING).

THIS ALLOY IS HARDENABLE THROUGH HEAT TREATMENT.

Physical properties	Density	Melting range	Colour
	13.3 g/cm <sup>3</sup>	850-885 °C	Red ~5N

Mechanical properties	Hardness [HV1]	Rp <sub>0.2</sub> [MPa]	Rm [MPa]	A <sub>5</sub> [%]
Annealed	160	350	550	45
Cold-worked 75%	270	800	1000	1.5
Hardened	260	700	600	12

Heat treatments	Temp. [°C]	Time [min]	Protect. Gas.	Cooling
Annealing	650	30	N <sub>2</sub> +H <sub>2</sub>	Quench
Hardening	260	60	N <sub>2</sub> +H <sub>2</sub>	Non-critical

**COMPOSITION**

Au 585 ‰  
Ag 90 ‰  
Cu 325 ‰

**USES**

Stamping  
Deep drawing  
Coining

GOOD ●●●

Rolling  
Wire drawing  
Drawing

GOOD ●●●

Machining

GOOD ●●●

Polishing  
Diamond machining

GOOD ●●●

Investment casting

GOOD ●●●

