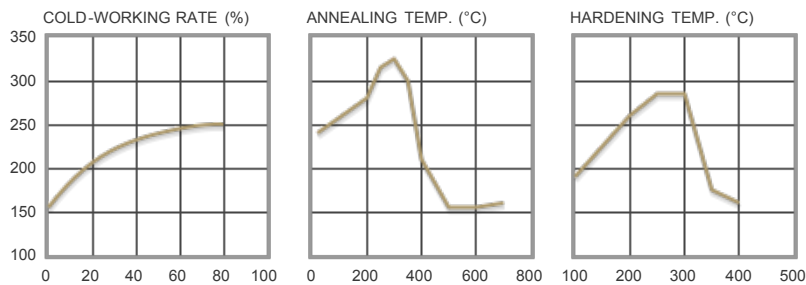


0418 / 18 CT PINK 4N GOLD



18 CT PINK ALLOY FOR THE MANUFACTURE OF JEWELS, WEDDING RINGS, WATCH CASES AND BRACELETS.

ALLOY RECOMMENDED FOR ALL USES. THE REFINEMENT OF THE GRAIN GUARANTEES A FINE CASTING MICROSTRUCTURE.

HARDENABLE BY HEAT TREATMENT.

Physical properties	Density	Melting range	Colour
	15.3 g/cm <sup>3</sup>	880-885 °C	Pink 4N

Mechanical properties	Hardness [HV1]	Rp0.2 [MPa]	Rm [MPa]	A5 [%]
Annealed	155	325	540	40
Cold-worked 75%	240	770	920	2
Hardened	285	750	850	5

Heat treatments	Temp. [°C]	Time [min]	Protect. Gas.	Cooling
Annealing	600	30	N <sub>2</sub> +H <sub>2</sub>	Quench
Hardening	280	60	N <sub>2</sub> +H <sub>2</sub>	Non-critical

**COMPOSITION**

Au 750 ‰  
Ag 90 ‰  
(Cu + add.) 160 ‰

**USES**

- Stamping
- Deep drawing
- Coining
- GOOD ●●●
- Rolling
- Wire drawing
- Drawing
- GOOD ●●●
- Machining
- GOOD ●●●
- Polishing
- Diamond machining
- GOOD ●●●
- Investment casting
- GOOD ●●●

