

TABLE 2

The Elastic Constants of the Constituent Alloys
of Dental Amalgam at Atmospheric Pressure
(All Moduli in 10^{12} dynes/cm²)

Alloy	Bulk Modulus	Shear Modulus	Young's Modulus	Poisson's Ratio
γ -Ag ₃ Sn	1.01	0.307	0.836	.36
γ_1 -Ag ₂ Hg ₃	0.871	0.269	0.731	.36
γ_2 -HgSn ₇₋₈	0.567	0.181	0.491	.35