

Table A1. Full zone contributions to the elastic shear constants of hexagonal metals. Units of 10^{12} dynes/cm². $\alpha_0 = 1.0$. Values of (c/a) used are: Mg, (8/3) ; Be, 1,568; Cd, 1.8855.

	Metal	C_H	C_{66}
This work	Mg	1.400	0.190
Reitz and Smith	Mg	1.405	0.192
This work	Be	7.546	*
Bernstein	Be	5.208	0.843
This work	Cd	2.066	0.254

* not calculated