

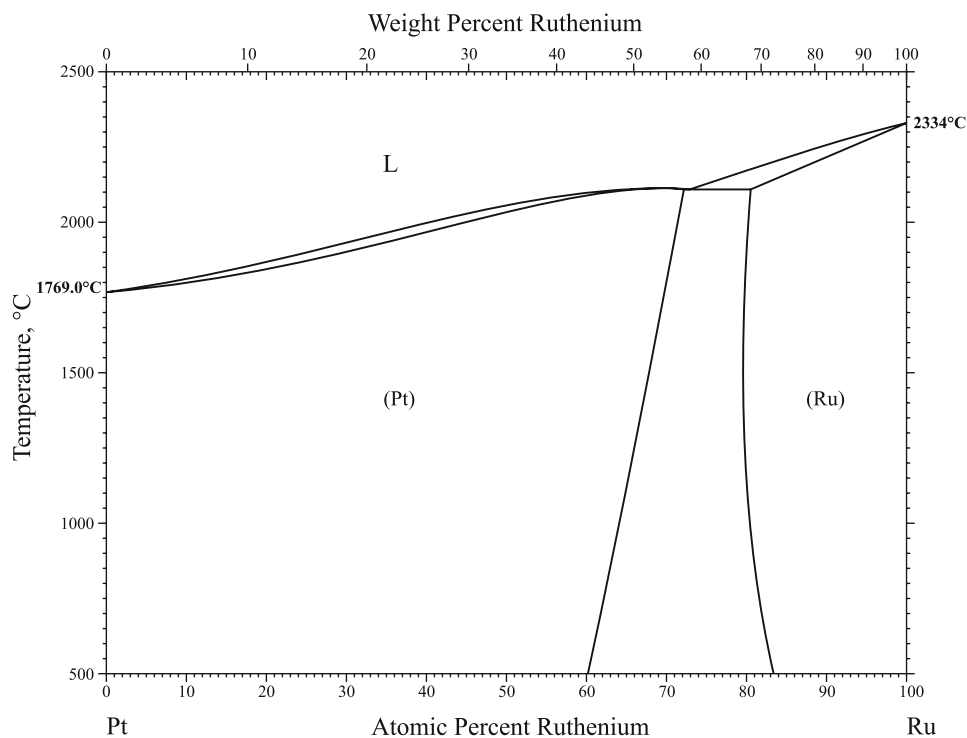
# Pt-Ru (Platinum-Ruthenium)

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The Pt-Ru phase diagram in [Massalski2] was schematic. Figure 1 shows the Pt-Ru phase diagram obtained by the thermodynamic modeling of [2006Wat]. Although this phase diagram is thermodynamically more consistent than the diagram shown in [Massalski2], additional corroboration is needed because of the lack of experimental phase boundary data.

## Reference

**2006Wat:** A. Watson, L.A. Cornish, and R. Süss, Development of a Database for the Prediction of Phases in Pt-based Superalloys: Cr-Pt-Ru, *Rare Metals*, 2006, **25**(5), p 597-607



**Fig. 1** Pt-Ru phase diagram