

Co-Zn (Cobalt-Zinc)

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The Co-Zn phase diagram in [Massalski2] (dashed lines in Fig. 1) was in accordance with [1938Sch] (and the subsequent two papers in the same journal), [1941Sch], and [1976Bud].

[2004Iso] attempted to reproduce this phase diagram with a thermodynamic model. The result is shown with solid lines in Fig. 1.

Because experimental phase boundary data are scarce, the Co-Zn phase diagram cannot be drawn conclusively.

References

- 1938Sch:** J. Schramm, The Cobalt-Zinc System, *Z. Metallkd.*, 1938, **30**(1), p 10-14, in German
1941Sch: J. Schramm, The Cobalt-Zinc System, II *Z. Metallkd.*, 1941, **33**(1), p 46-48, in German
1976Bud: S. Budurov and G. Wassilew, The Cobalt Side of the Phase Diagram Cobalt-Zinc, *Z. Metallkd.*, 1976, **67**(3), p 170-172, in German
2004Iso: I. Isomäki and M. Hämmäläinen, Thermodynamic Evaluation of the Co-Zn System, *J. Alloys Compd.*, 2004, **375**, p 191-195

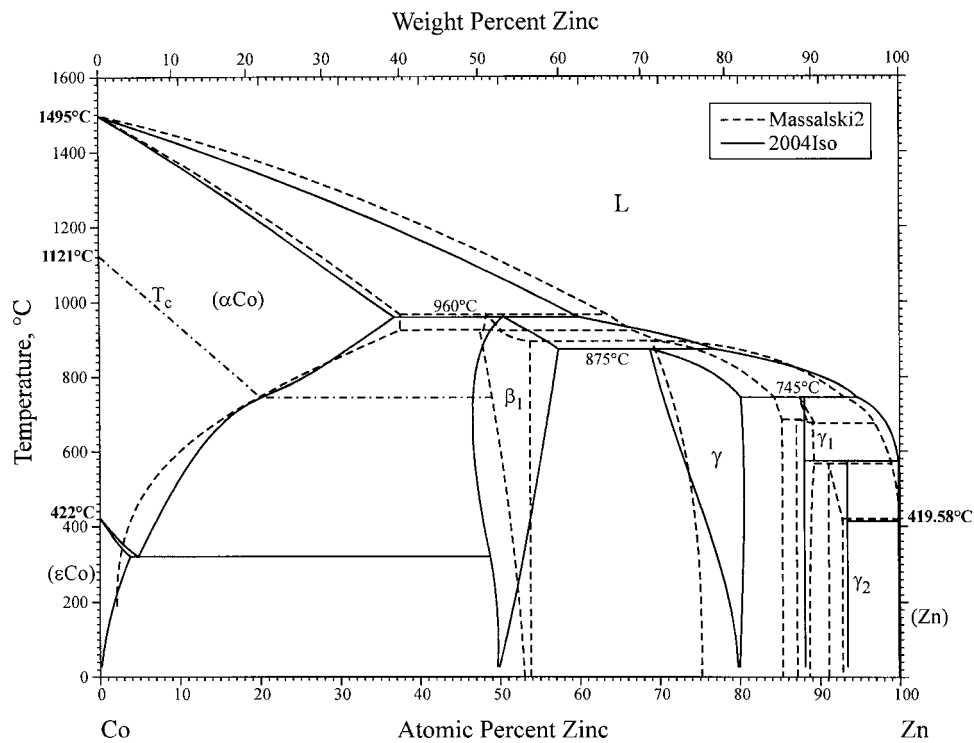


Fig. 1 Co-Zn phase diagram