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In this paper certain 2-dimensional normal singularities, which are quotients of \mathbf{C}^2 by dihedral groups, are studied. The authors first compute their invariants, and then the relations between the invariants, i.e., the equations of the singularities. These singularities are rational so some information was already given by J. M. Wahl [Ann. Sci. École Norm. Sup. (4) **10** (1977), no. 2, 231–263; [MR0444655](#)]. The space of infinitesimal deformations T^1 is then computed in terms of invariants. This does not give its dimension explicitly; it is computed in some cases and a general conjecture is formulated. This conjecture is verified in a subsequent paper of the authors which has already appeared [Manuscripta Math. **20** (1977), no. 4, 377–400; [MR0447239](#)]. *Henry C. Pinkham*

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