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Neil Hoffman*, 810 S Kings Street, Stillwater, OK 74074. *Cusp types covered by hyperbolic knot complements.*

This paper completes a classification of the types of orientable and non-orientable cusps that can arise in the quotients of hyperbolic knot complements. In particular, $S^2(2, 4, 4)$ can not be the cusp cross-section of any orbifold quotient of a hyperbolic knot complement. Furthermore, if a knot complement covers an orbifold with a $S^2(2, 3, 6)$ cusp, it also covers an orbifold with a $S^2(3, 3, 3)$ cusp. (Received January 22, 2020)