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New Tasks for Silent Sound

MR-59-189

3. Silent sound teamed with electronic devices performs many cutting and drilling operations in American machine shops. Shown is an ultrasonic grinder slicing quartz into crystals for use in electronic circuits. The cutting tool vibrates rapidly up and down while liquid abrasive flows between it and the quartz. Ultrasonic waves drive tiny abrasive particles against the quartz with such force that it is cut easily. (59-9225)

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Photograph courtesy of the Raytheon Manufacturing Company



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