You are using a hole punch to create a hole in multiple sheets of paper at once. It will be a circular hole, 2mm in diameter. Each sheet of paper is .1mm thick, and the paper has a shear strength of 1.5 MPa. If the die can exert a force of 20N on the paper, how many sheets of paper would you expect to be able to punch through at once?



Public Domain Image, no author listed

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