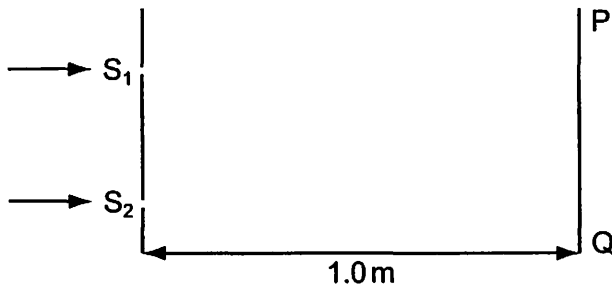


- 21 Coherent radiation of wavelength 1.0 mm , is incident on two slits S_1 and S_2 . Interference occurs to produce maxima and minima of intensity along the line PQ 1.0 m away. The maxima are separated by 50 mm .



What is the approximate separation of the slits?

- A** 1.0 mm **B** 2.0 mm **C** 10 mm **D** 20 mm