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For construction, select upper Take major axis 100 mm and minor axis 70 mm long.left part of rectangle. Dividevertical small side and horizontallong side into same number of D 4 4equal parts. (here divided in fourparts) 3 34. Name those as shown..5. Now join all vertical points 2 21,2,3,4, to the upper end of minoraxis.

Animation: Construction of the cycloidal disc with an ordinary cycloid The construction of the actual disc profile from the reference profile can also be imagined as follows. If the center of a milling cutter (whose diameter corresponds to the later pin diameter) is placed on the reference profile and milled along that profile, then the actual (equidistant) disc shape is obtained.

A Geometric Modeling Method Based on TH-Type Uniform B-Splines

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