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<https://math.stackexchange.com/questions/1391470/find-distance-between-point-on-tangent-line-and-circle>

<https://www.youtube.com/watch?v=tN2b_hQj6Qo>

<https://www.hcde.washington.edu/phd/application/faculty-recruitment>

<https://www.grasshopper3d.com/forum/topics/how-can-i-put-many-points-in-a-set-of-points#:~:text=Explode%20the%20object%2C%20select%20all%20the%20points%20at,6%3A56am%20Pointclouds%20are%20not%20objects%20that%20Grasshopper%20understands>.

<http://wiki.bk.tudelft.nl/mw_toi-pedia/images/3/31/Point_division_on_curve.jpg>

<https://www.youtube.com/watch?v=YTTfQAOHPgY>

116.56505

Directions:

* Create the shape
* Create the pattern
* Cut out shape form pattern
* Offset and create surface from shape to make border
* Extrude cut out with border
* Chafer the appropriate amount

Part 1: Make Shape

Part 2: Make Pattern

Part 3: Combine shape and pattern (including extrude and chafer)

Part 4: Make the clips