

Practice Exercise – Injection Mold Handle

Sketched Features, Essentials for Parts and Assemblies



Summary:

In this exercise you'll use a set of provided sketches to create an Injection Molded Handle model with the sweep, rib, and extruded boss tools. To make sure it's created accurately pay special attention to the end conditions selected.

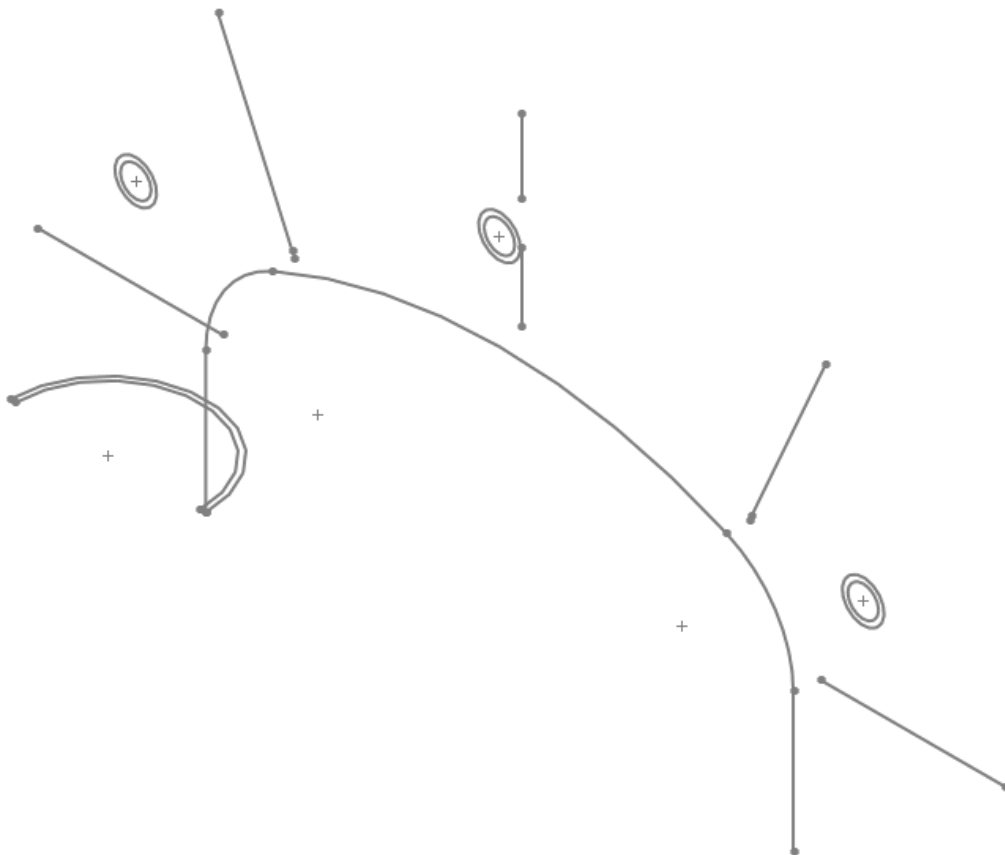
Reference Lessons:

- [Extruded Boss](#)
- [Sweeps](#)
- [Creating Sweeps without Sketch Profiles](#)
- [Ribs](#)



Instructions:

1. Download and unzip the file [here](#).
2. Open the "Injection Molded Handle.SLDPRT" file in SOLIDWORKS.

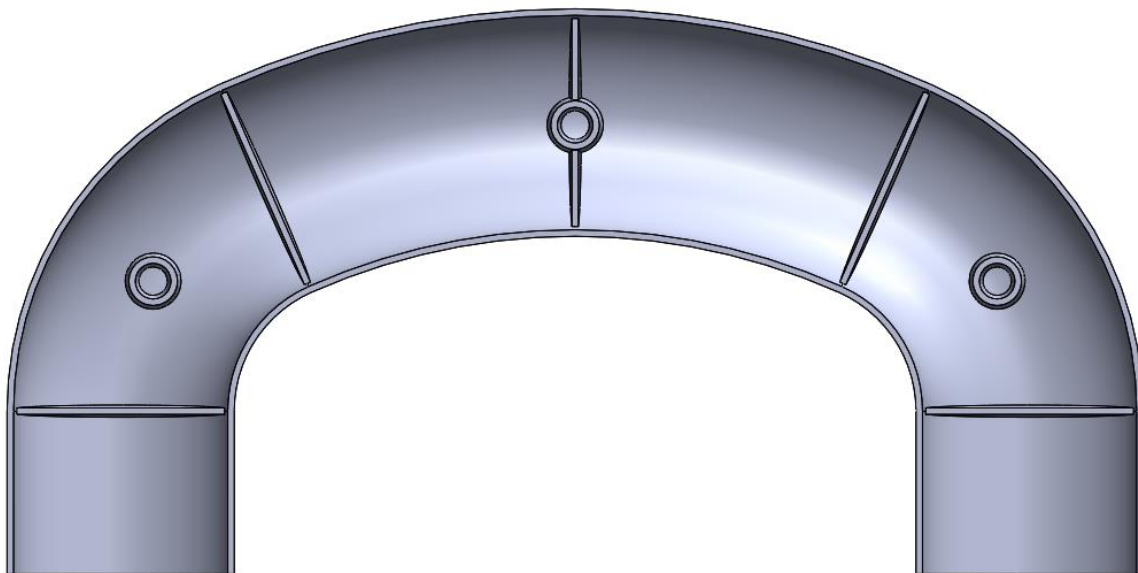
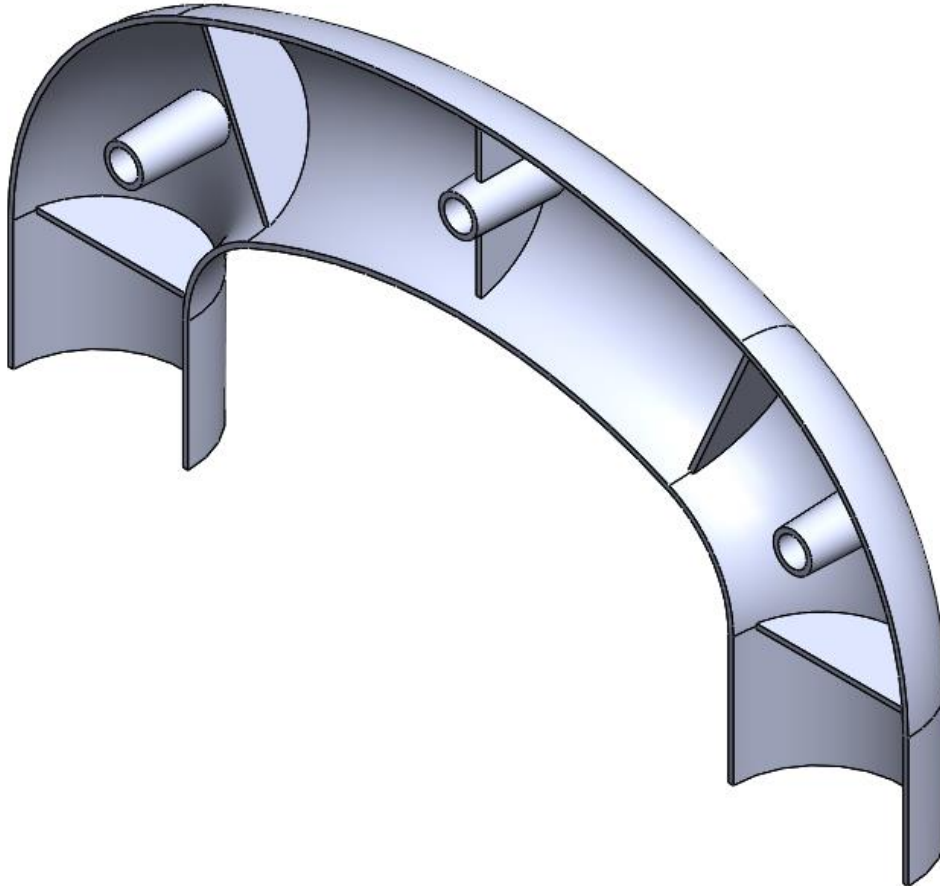


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- Using the sketches, create the geometry below in three features. Note that all the interior features use a 2 degree draft, and the rib thickness is 0.10in.



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Final Result:

If you completed the exercise successfully, your result should look like the image shown below:

