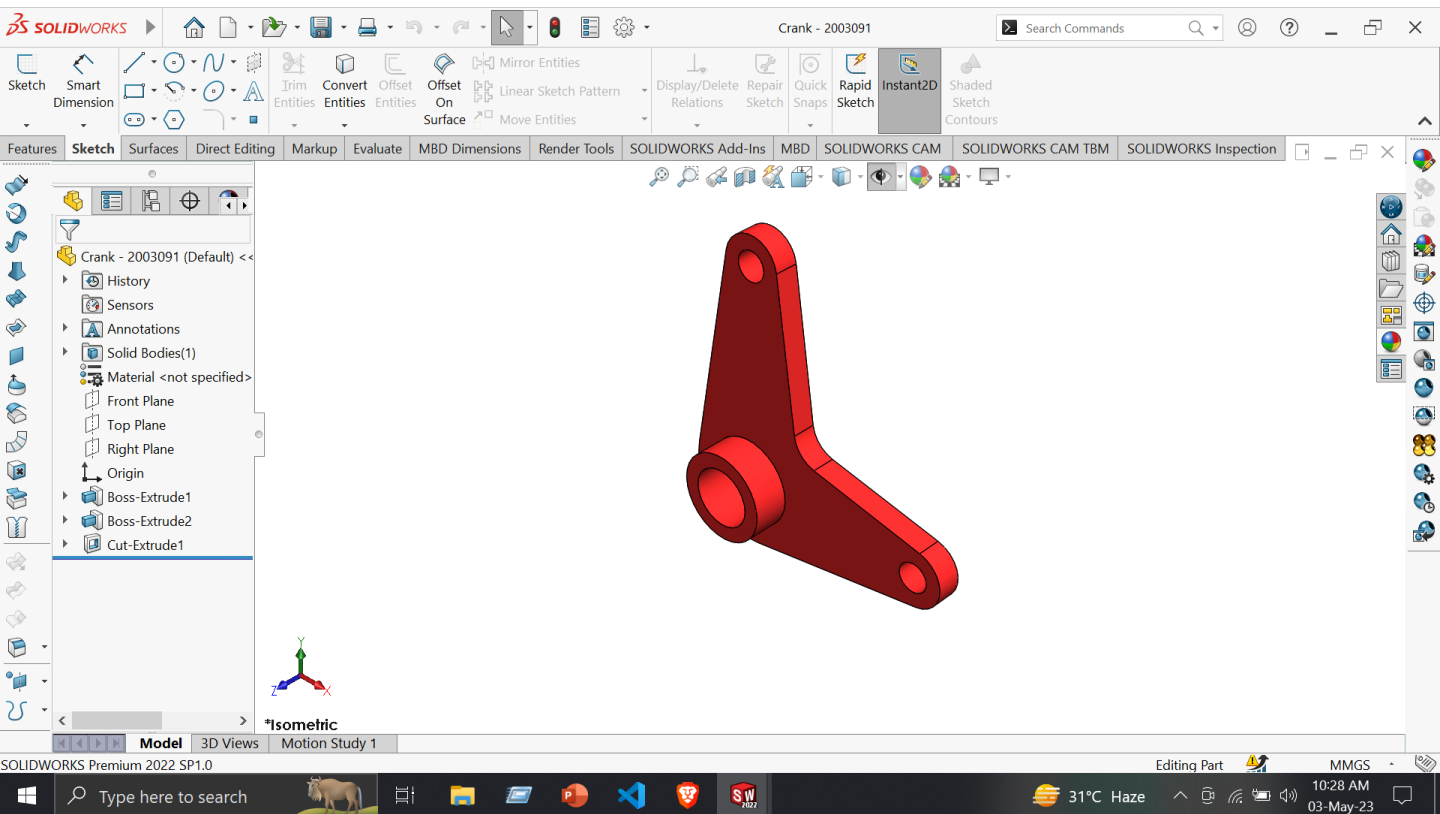


1. Crank



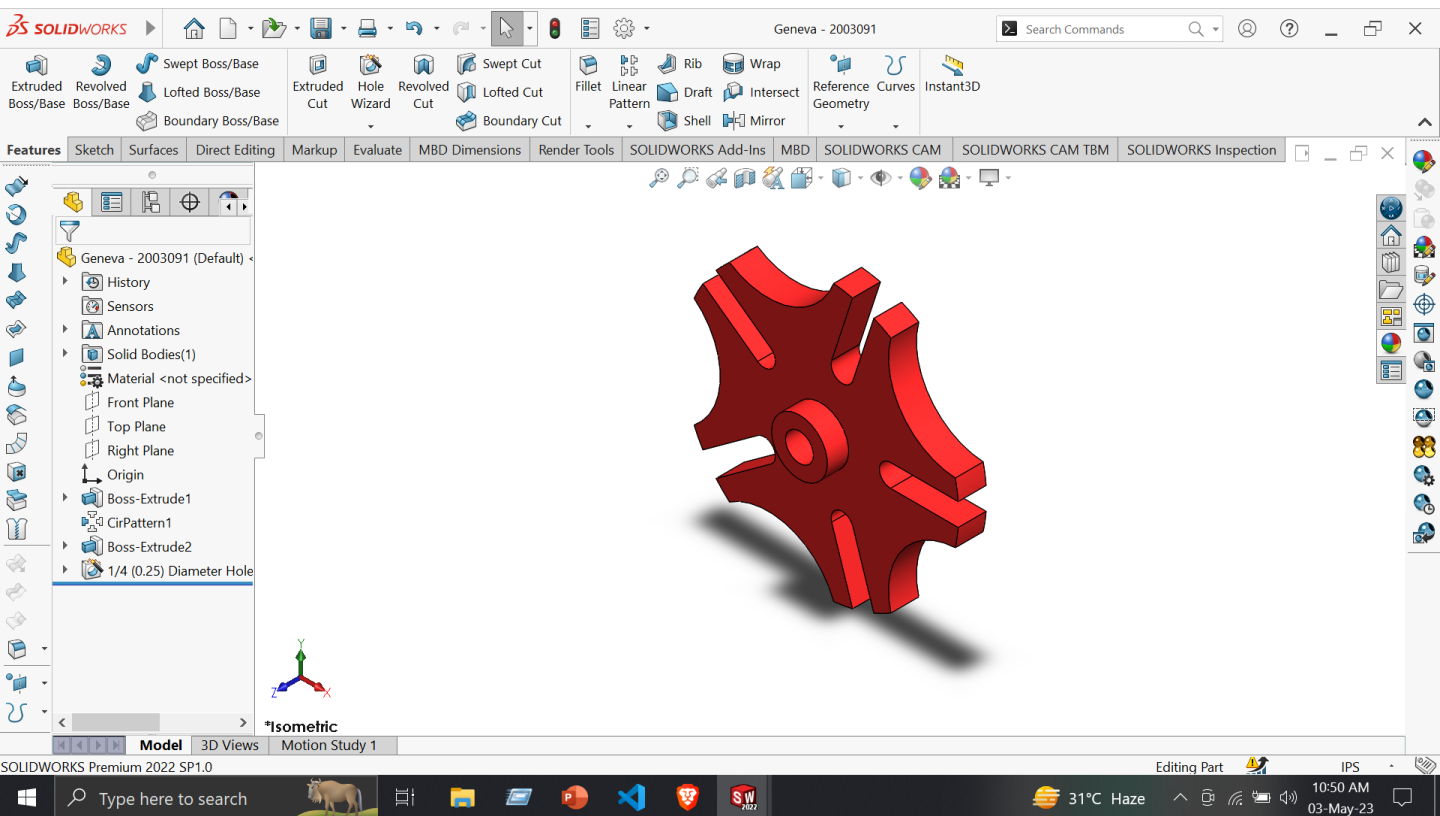
Features:

1. Extruded Boss/Base
2. Extruded Cut

Tools:

1. Line
2. Corner Rectangle
3. Smart Dimension
4. Display/Delete Relations -> Add Relation

2. Geneva Gear Index

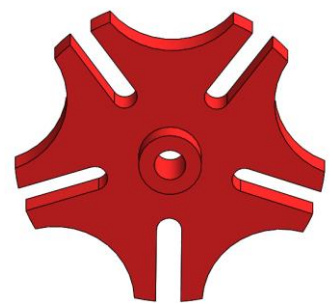


Features:

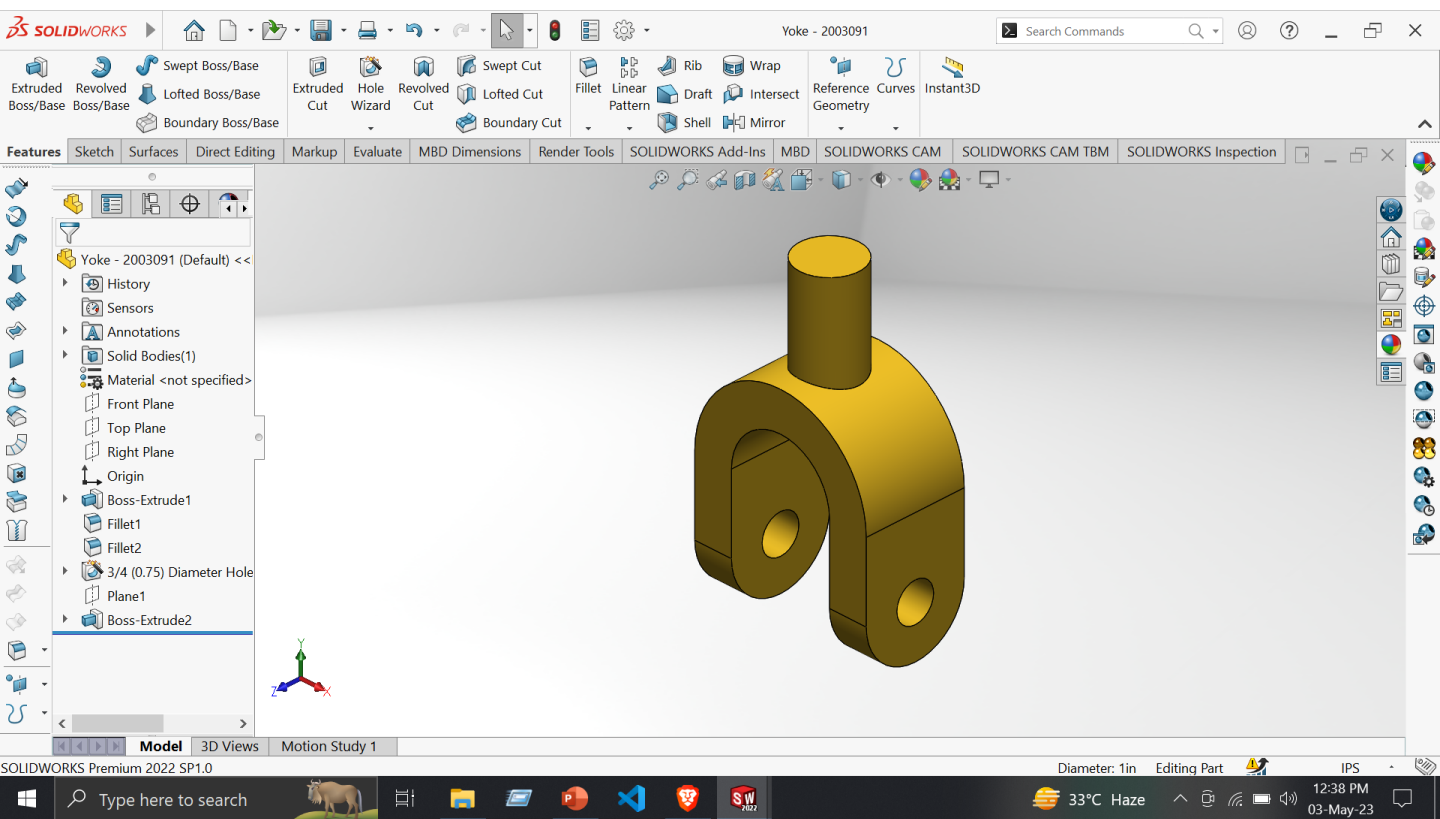
1. Extruded Boss/Base
2. Circular Pattern
3. Hole Wizard

Tools:

1. Line
2. Centrepont Arc
3. Circle
4. Construction Geometry
5. Display/Delete Relations -> Add Relation
6. Trim Entities
7. Smart Dimension



3. Yoke

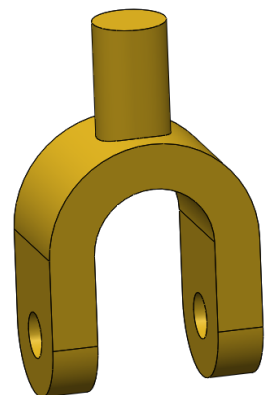


Features:

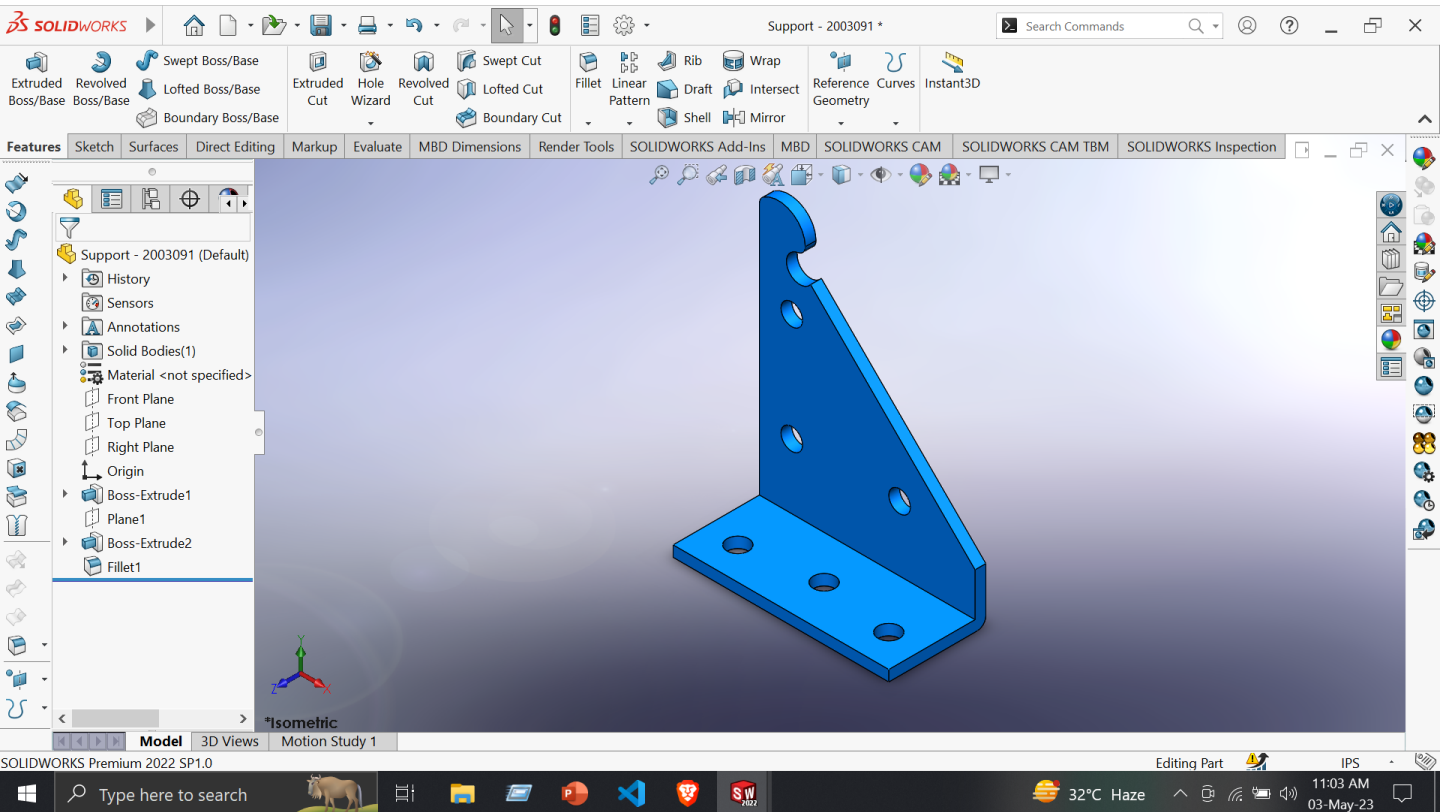
1. Extruded Boss/Base
2. Fillet
3. Hole Wizard
4. Reference Geometry -> Plane

Tools:

1. Line
2. Centerline
3. Circle
4. Smart Dimension



4. Support



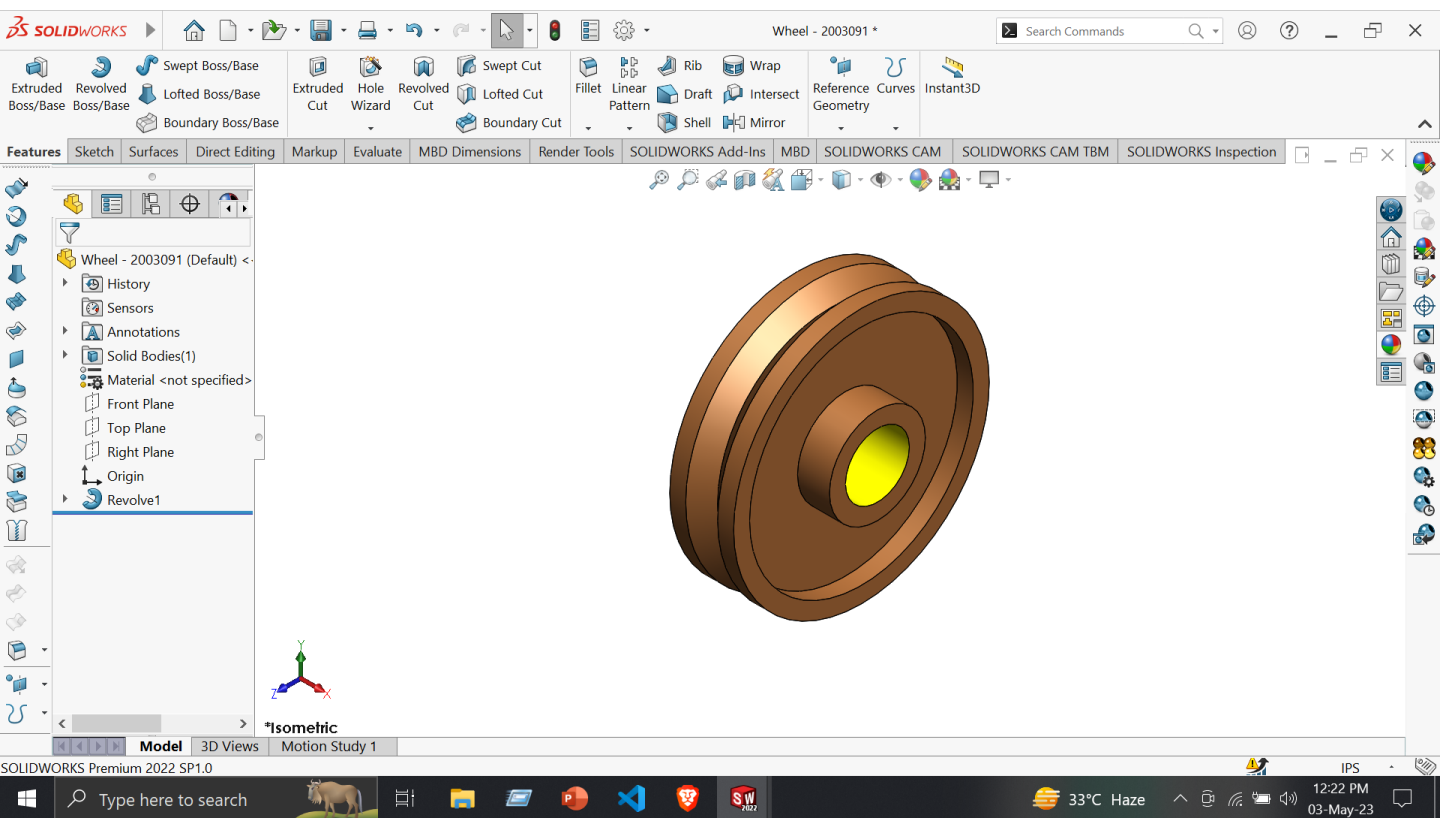
Features:

1. Extruded Boss/Base
2. Reference Geometry -> Plane
3. Fillet

Tools:

1. Line
2. Circle
3. Sketch Fillet
4. Trim Entities
5. Display/Delete Relations -> Add Relation
6. Smart Dimension

5. Wheel

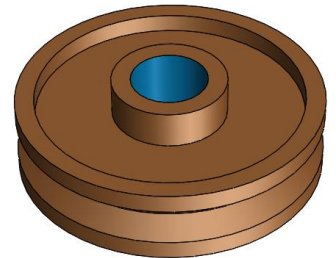


Features:

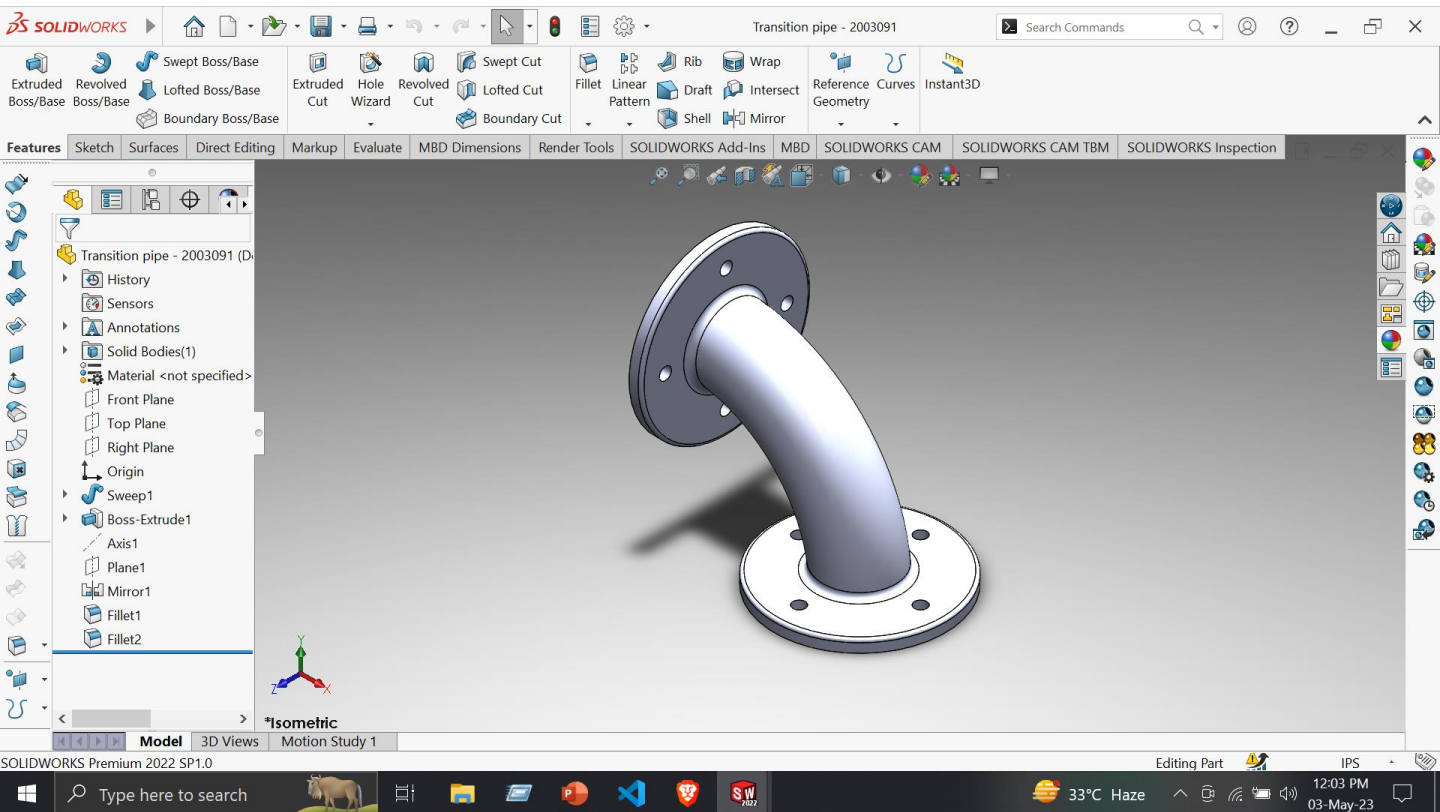
1. Extruded Boss/Base
2. Revolved Boss/Base

Tools:

1. Line
2. Centerline
3. Circle
4. Construction Geometry
5. Smart Dimension



6. Transition Pipe

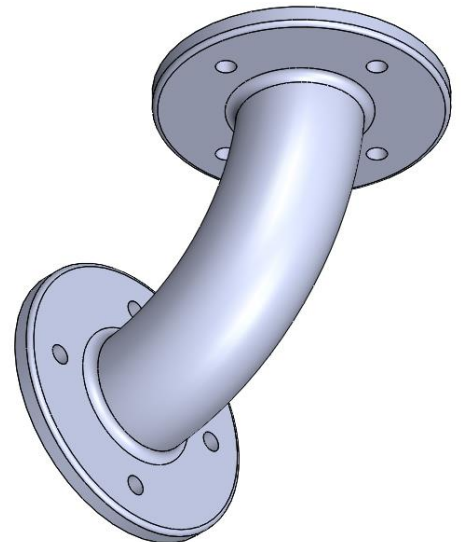


Features:

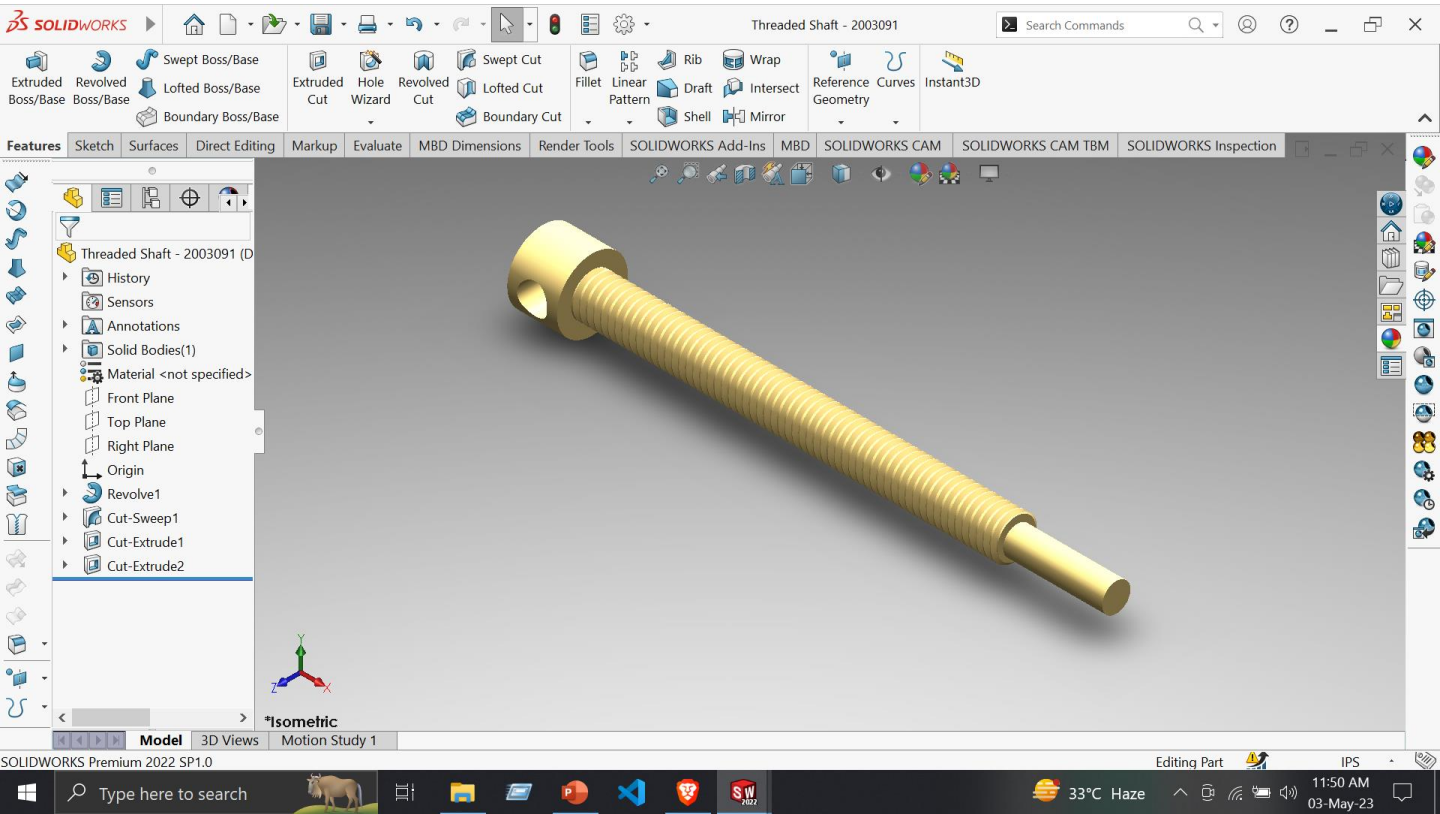
1. Extruded Boss/Base
2. Revolved Boss/Base
3. Swept Boss/Base
4. Reference Geometry -> Plane
5. Fillet

Tools:

1. Line
2. Centerline
3. Circle
4. Construction Geometry
5. Smart Dimension



7. Threaded Shaft



Features:

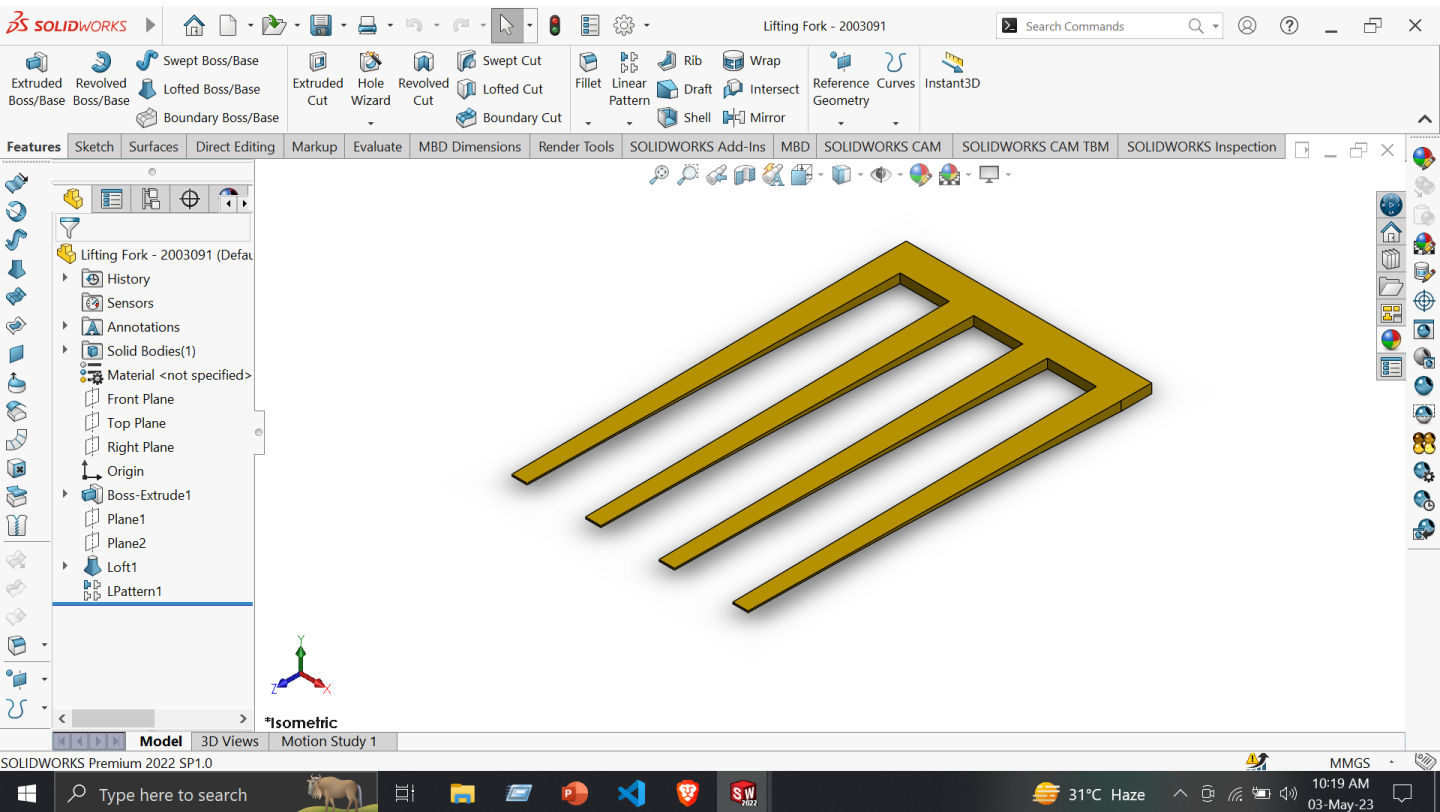
1. Extruded Boss/Base
2. Revolved Boss/Base
3. Swept Cut
4. Extruded Cut

Tools:

1. Line
2. Centerline
3. Circle
4. Covert Entities
5. Smart Dimension



8. Lifting Fork



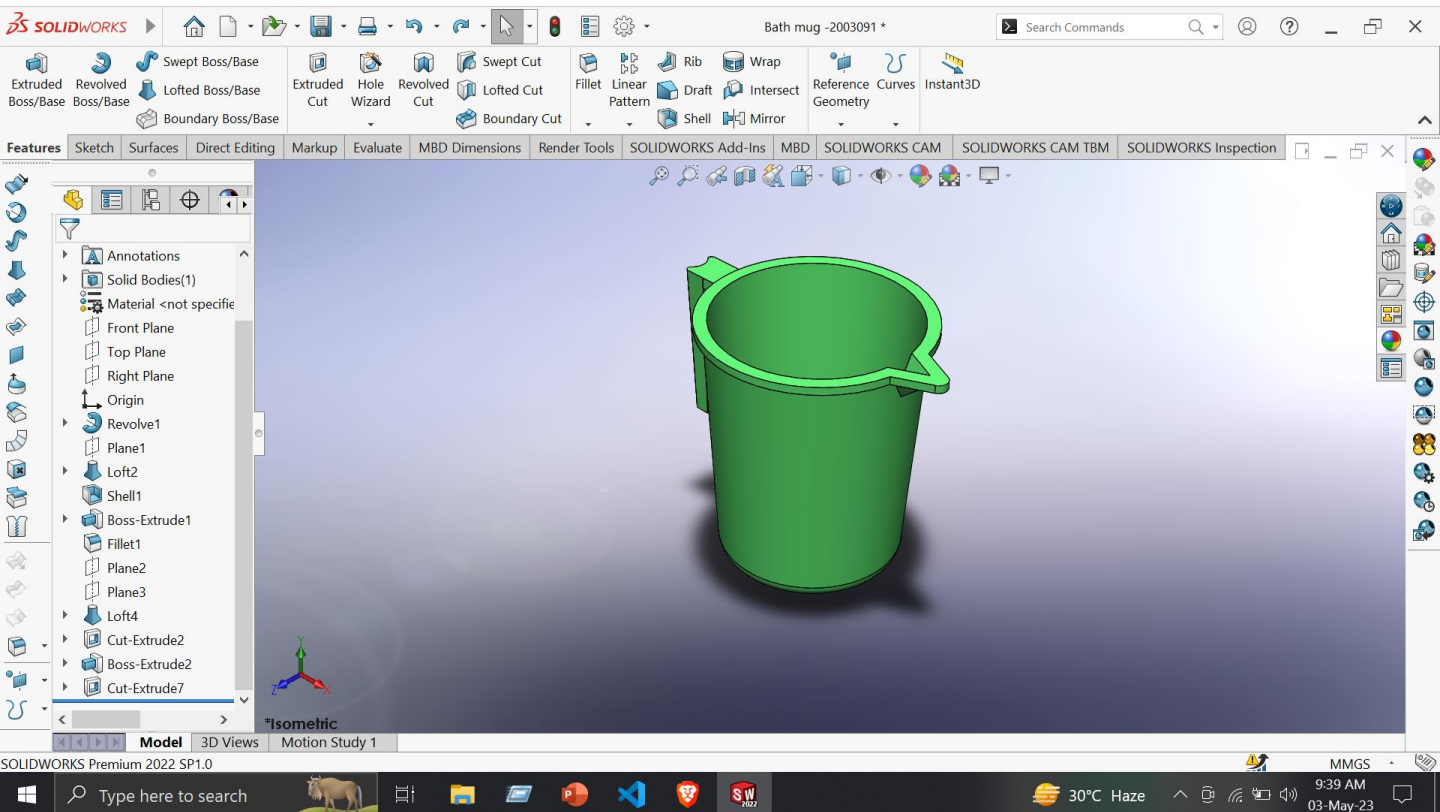
Features:

1. Extruded Boss/Base
2. Reference Geometry -> Plane
3. Lofted Boss/Base
4. Linear Pattern

Tools:

1. Line
2. Corner Rectangle
3. Smart Dimension
4. Display/Delete Relations -> Add Relation

9. Bath Mug

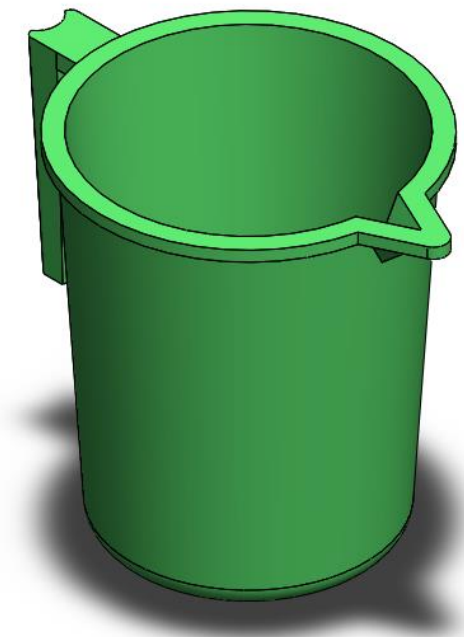


Features:

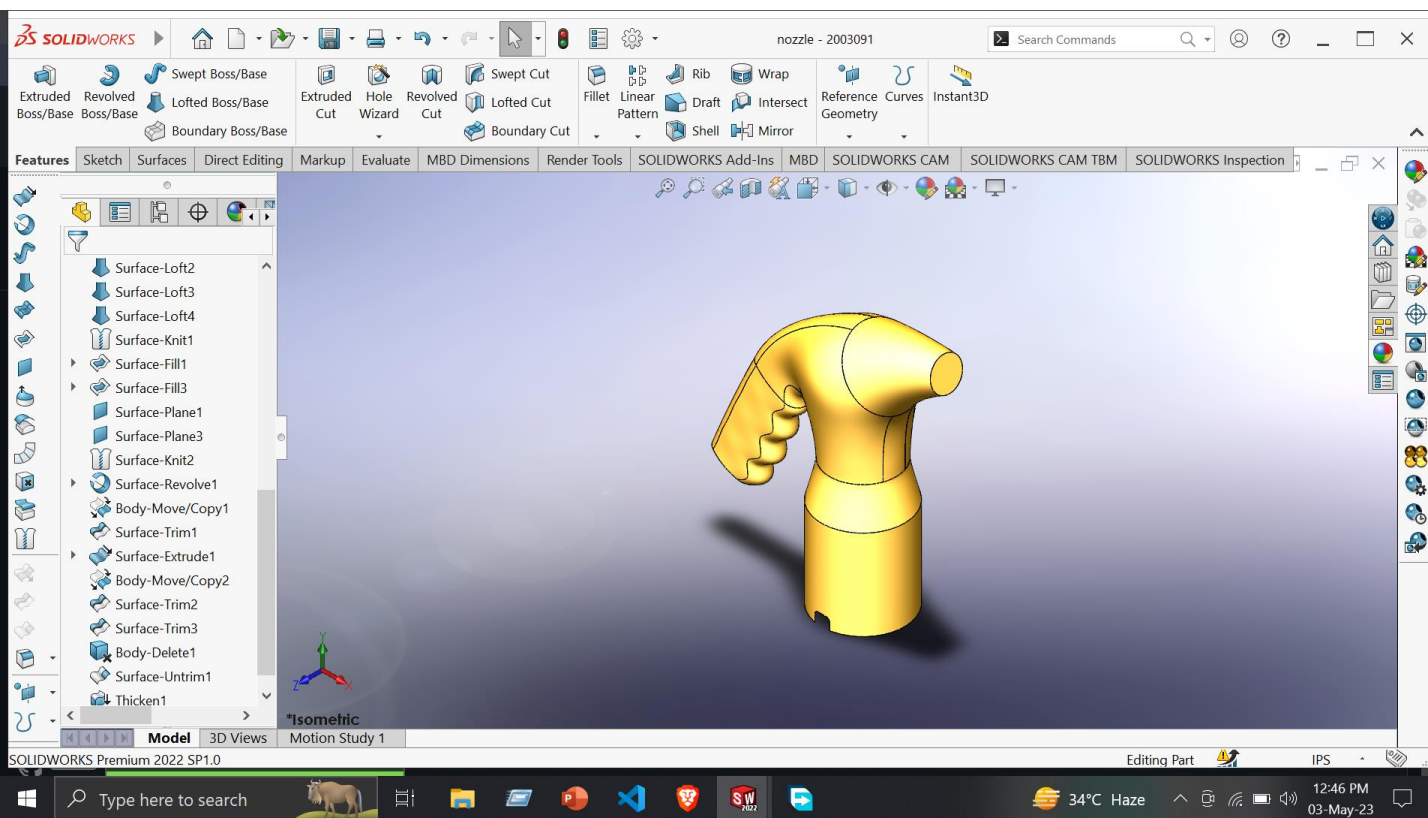
1. Extruded Boss/Base
2. Revolved Boss/Base
3. Lofted Boss/Base
4. Extruded Cut
5. Fillet
6. Shell
7. Reference Geometry -> plane

Tools:

1. Line
2. Centerline
3. Circle
4. Center Rectangle
5. Spline
6. Covert Entities
7. Trim Entities
8. Point
9. Smart Dimension



10. Nozzle

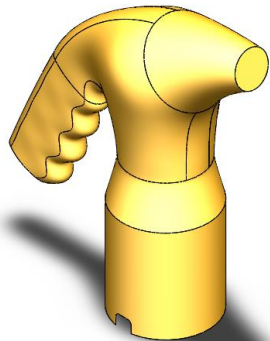


Surfaces:

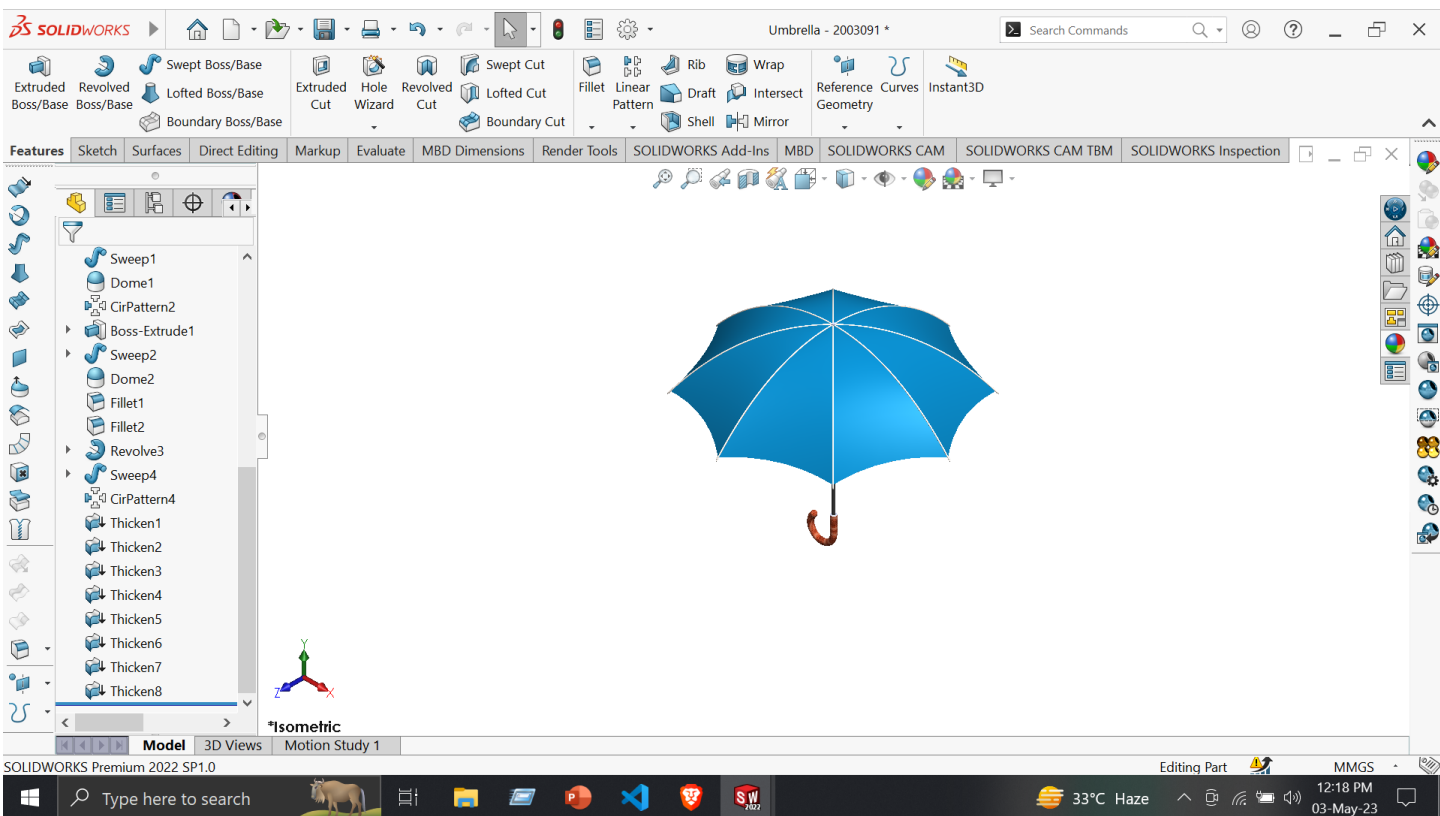
1. Lofted Surfaces
2. Swept Surfaces
3. Split Line

Direct Editing:

1. Split Surfaces
2. Swept Surfaces
3. Split



11. Umbrella



Features:

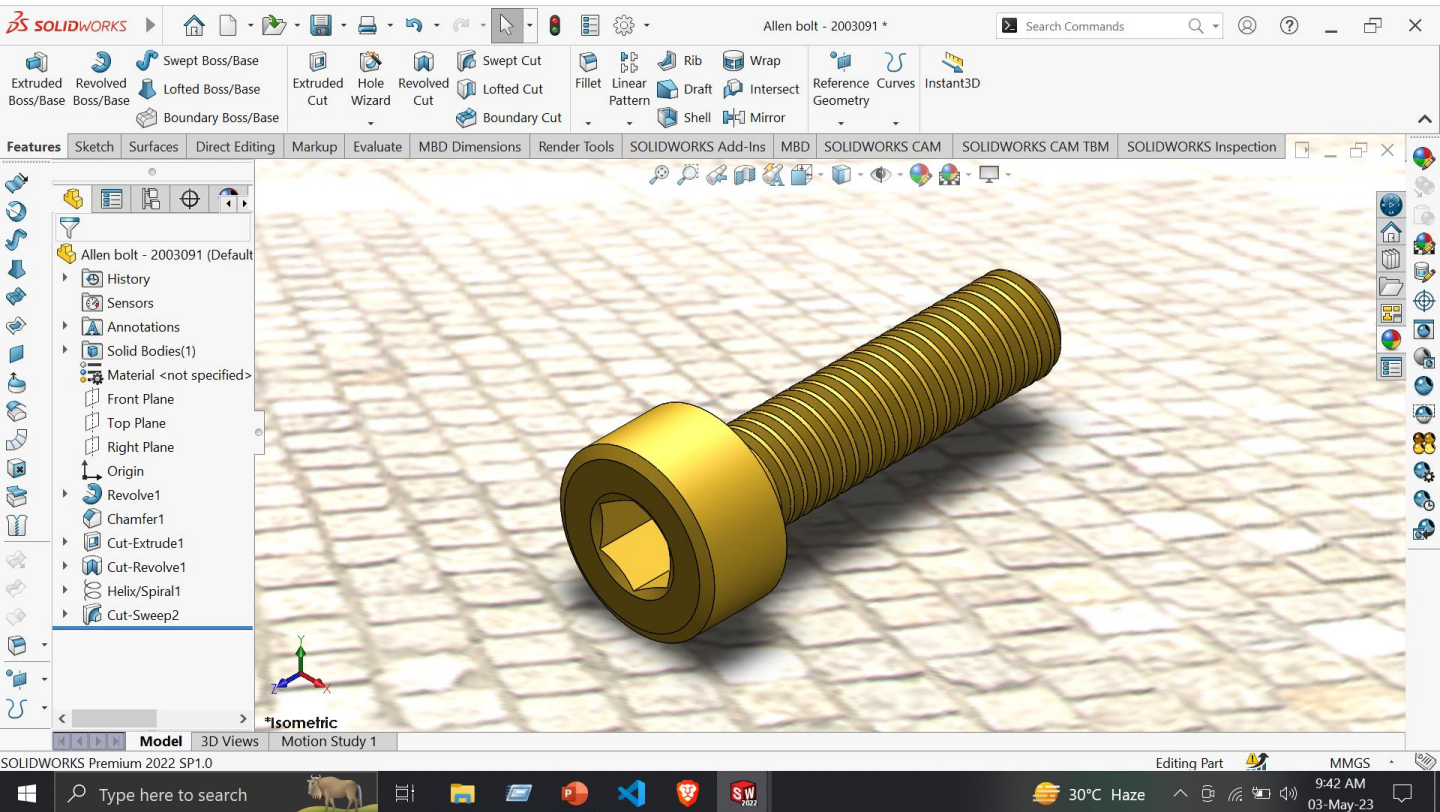
1. Extruded Boss/Base
2. Revolved Boss/Base
3. Swept Boss/Base
4. Reference Geometry -> Plane

Tools:

1. Line
2. Centerline
3. Circle
4. 3 point Arc
5. Smart Dimension



12. Allen Bolt



Features:

1. Revolved Boss/Base
2. Extruded Cut
3. Revolved Cut
4. Swept Cut
5. Chamfer
6. Curves -> Helix and Spiral

Tools:

1. Line
2. Circle
3. Polygon
4. Centerline
5. Smart Dimension

