This Solidworks tutorial composes using the exact format and delivery as Solidworks 2008/2009 Tutorials : Beginner e-book.

Solidworks 2008/2009 Tutorials : Beginner

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Solidworks Tutorial #4: How to create compression spring

Spring is a common mechanical parts, there is compression, extension and torsion spring. Here is the basic design springs in Solidworks...



- 4. Click on View Orientation and click on Isometric.
- 5. Click on Features>Curves>Helix and Spiral



and click on sketched circle as base diameter.



On its option set **Define By: Height and Pitch**, **Constant Pitch**, **Height: 2.0**", **Pitch: 0.2**", **Start Angle: 0**, **Clockwise** and

Solidworks Tutorial #4: How to create compression spring

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6. Click on **Top Plane** and click **Sketch**,



> B Helix/Spiral1 Sketch1 Sketch2 hr and click on 7. Click on Sketch2, Features>Curves>Helix and Spiral V Curves Instant3D solidworkstutorials.com Composite Curve ช Curve Through XYZ Points Curve Through Reference Points 😫 Helix and Spiral





Defined By:		
Pitch and Revolution	•	
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8. Click the endpoint of top curve and click **Features>Reference Geometry>Plane**.





Defined By:	~	
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Clockwise Counterclockwise		

12. Click Features>Curves>Composite Curve,



13. Click on spring bottom endpoint



and click Features>Reference



14. The following steps are to show you how to create a plane Normal To spring endpoint. Click on Composite Curve as a reference curve.



15. Click on Plane2 and click Sketch.



Composite Curve,





17. Save 🖬 the part as **Compression Spring** and you're done! and 🖌. Simple isn't it?

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