

# 1 Component 2

Date	May 23, 2016 1:26:44 PM
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## Component settings

Unit system	SI
Geometry shape order	automatic

## 1.1 Definitions

### 1.1.1 Coordinate Systems

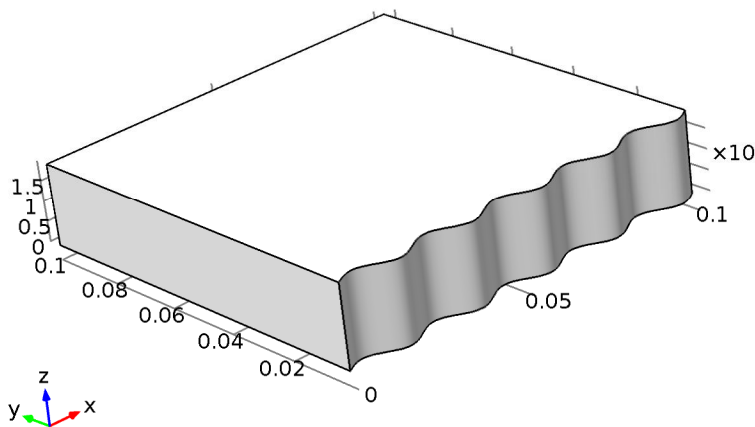
#### *Boundary System 2*

Coordinate system type	Boundary system
Tag	sys2

#### Coordinate names

First	Second	Third
t1	t2	n

## 1.2 Geometry 2



#### *Geometry 2*

#### Units

Length unit	m
Angular unit	deg

### Geometry statistics

Description	Value
Space dimension	3
Number of domains	1
Number of boundaries	6
Number of edges	12
Number of vertices	8

### 1.2.1 Work Plane 1 (wp1)

#### Unite objects

Description	Value
Unite objects	On

#### *Plane Geometry (wp1)*

#### Parametric Curve 2 (pc2)

##### Position

Description	Value
Position	{0, 0}

##### Parameter

Description	Value
Name	s
Minimum	0
Maximum	0.1
Expressions	{s, 0.002*sin(100*pi*s) + 0.002}

#### Polygon 2 (pol2)

##### Object type

Description	Value
Type	Open curve

##### Coordinates

Description	Value
xw	{0, 0, 0.1, 0.1}
yw	{0.002, 0.1, 0.1, 0.002}

## 1.2.2 Extrude 1 (ext1)

### Settings

Description	Value
Work plane	<a href="#">Work Plane 1</a>

### Distances from plane

Distances (m)
0.02

### Scales

Scales xw	Scales yw
1	1

### Displacements

Displacements xw (m)	Displacements yw (m)
0	0

### Twist angles

Twist angles (deg)
0