

1 Component 1

Date	May 23, 2016 10:09:41 PM
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Component settings

Unit system	SI
Geometry shape order	automatic

1.1 Definitions

1.1.1 Coordinate Systems

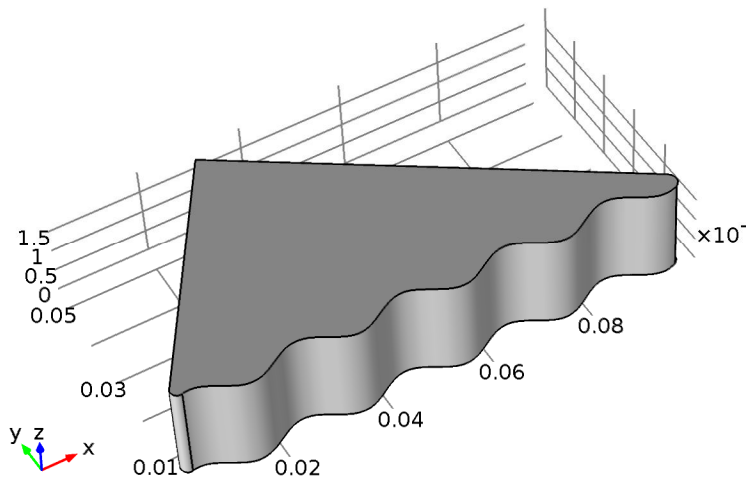
Boundary System 1

Coordinate system type	Boundary system
Tag	sys1

Coordinate names

First	Second	Third
t1	t2	n

1.2 Geometry 1



Geometry 1

Units

Length unit	m
Angular unit	deg

Geometry statistics

Description	Value
Space dimension	3
Number of domains	1
Number of boundaries	7
Number of edges	15
Number of vertices	10

1.2.1 Work Plane 1 (wp1)

Unite objects

Description	Value
Unite objects	On

Plane Geometry (wp1)

Parametric Curve 1 (pc1)

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 1 (pol1)

Object type

Description	Value
Type	Open curve

Coordinates

Description	Value
xw	{0, 0.03, 0.1}
yw	{0.002, 0.05, 0.0019999999999999974}

Fillet 1 (fil1)

Settings

Description	Value
Radius	0.01

Union 1 (uni1)

Compose

Description	Value
Keep interior boundaries	Off

Fillet 2 (fil2)

Settings

Description	Value
Radius	0.002

Fillet 3 (fil3)

Settings

Description	Value
Radius	0.001

1.2.2 Extrude 1 (ext1)

Settings

Description	Value
Work plane	Work Plane 1

Distances from plane

Distances (m)
0.02

Scales

Scales xw	Scales yw
1	1

Displacements

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

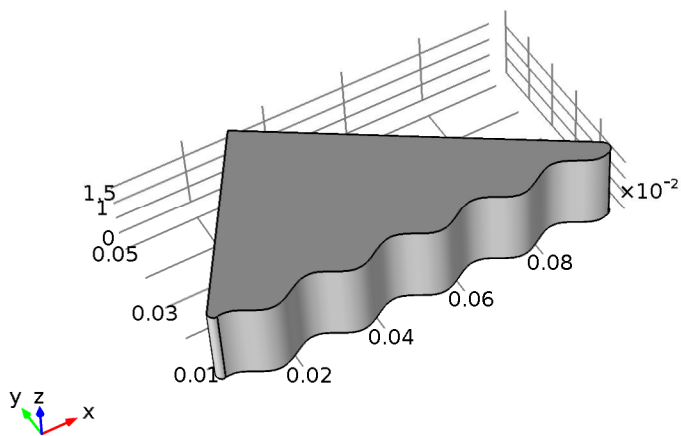
Twist angles

Twist angles (deg)
0

1.3 Mesh 1

Mesh statistics

Description	Value
Minimum element quality	0.0
Average element quality	0.0



Mesh 1

1.3.1 Size (size)

Settings

Description	Value
Maximum element size	0.00965
Minimum element size	0.00174
Curvature factor	0.6
Resolution of narrow regions	0.5
Maximum element growth rate	1.5