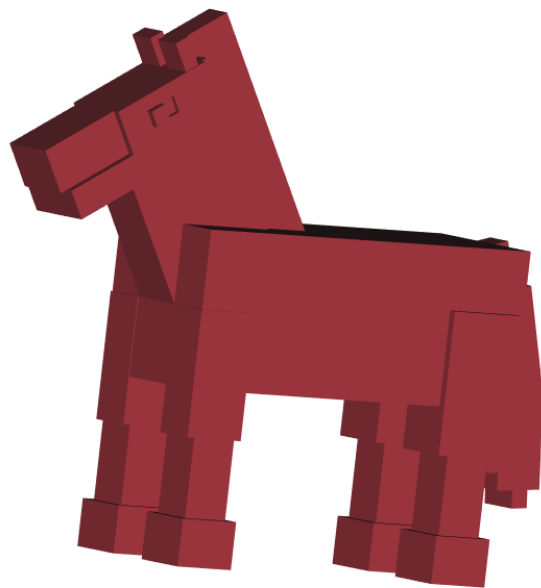
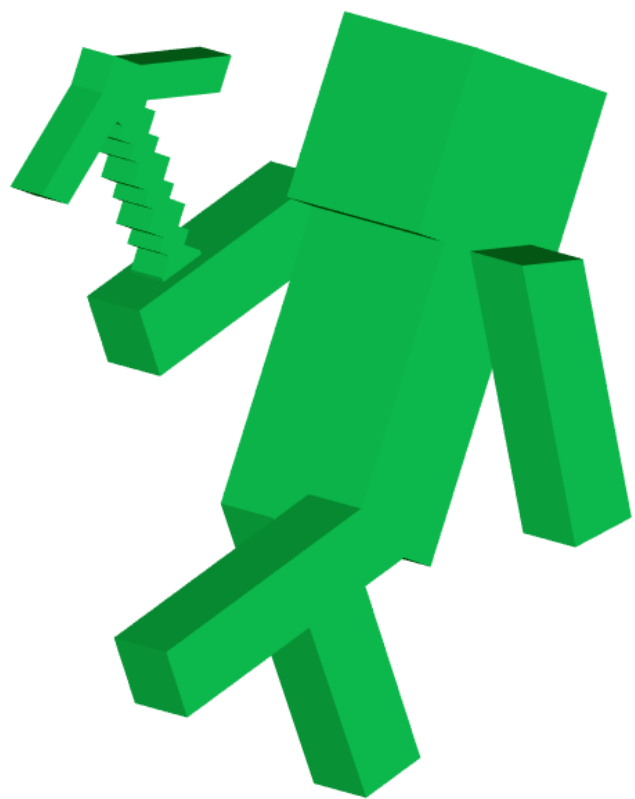
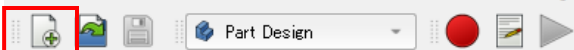




3D CAD
モデリング
設計講座
体験会



モデル タスク

モデル

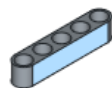


新規ファイル

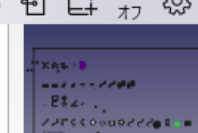
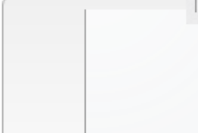
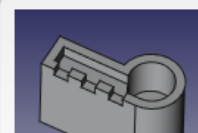
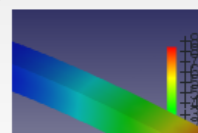
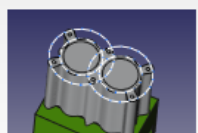
新規作成アイコンをクリックします。

パストリカパーツ
パートデザインワーク
ベンチでパーツを作成アセンブリ
アセンブリプロジェクト
を作成2D基本設計(下書き)
基本設計ワークベンチで2D基本
設計を作成BIM/アーキテクチャ(建築)
アーキテクチャ(建築)のプロ
ジェクトを作成空ファイル
新しいFreeCADファ
イルを作成ファイルを開く
既存のCADファイル
または3Dモデルを開く

最近使用したファイル

ロット7.FCStd
28.2 kbロット5.FCStd
16.5 kbプレートL.FCStd
19.7 kb

サンプル



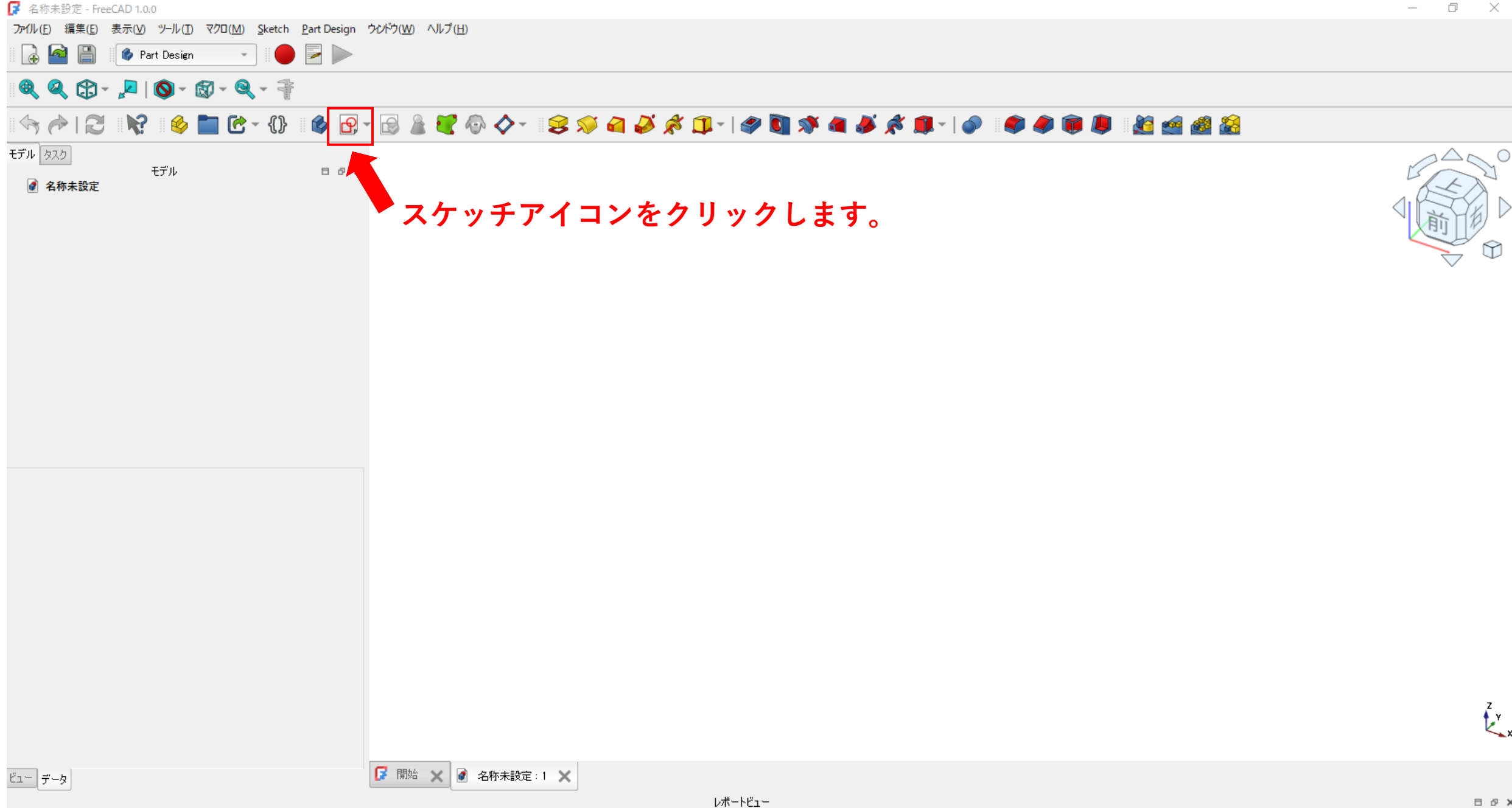
✕ Open first start setup

☐ 今後このスタートページを表示しない(空白の画面で開始)

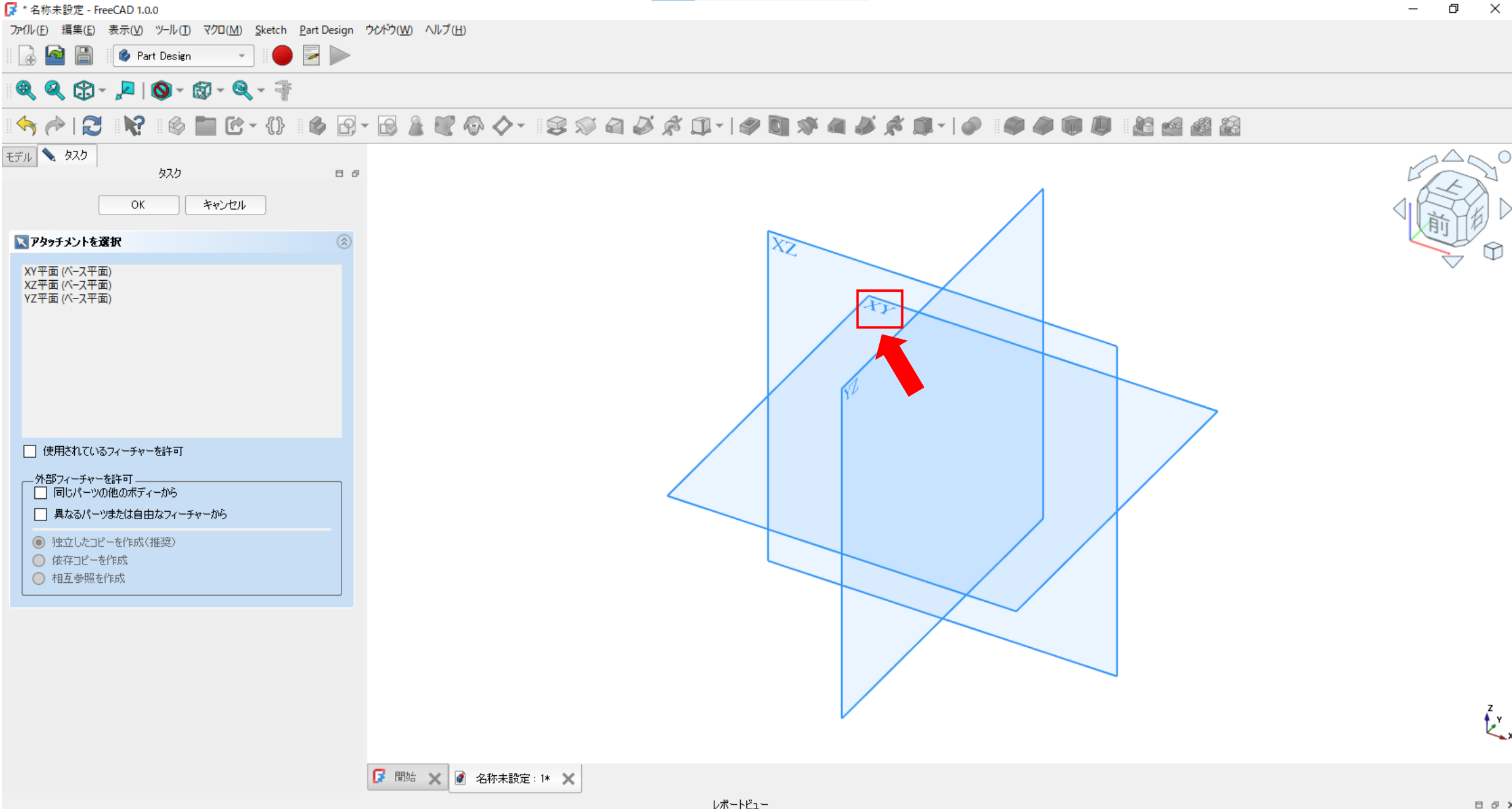
ビュー データ

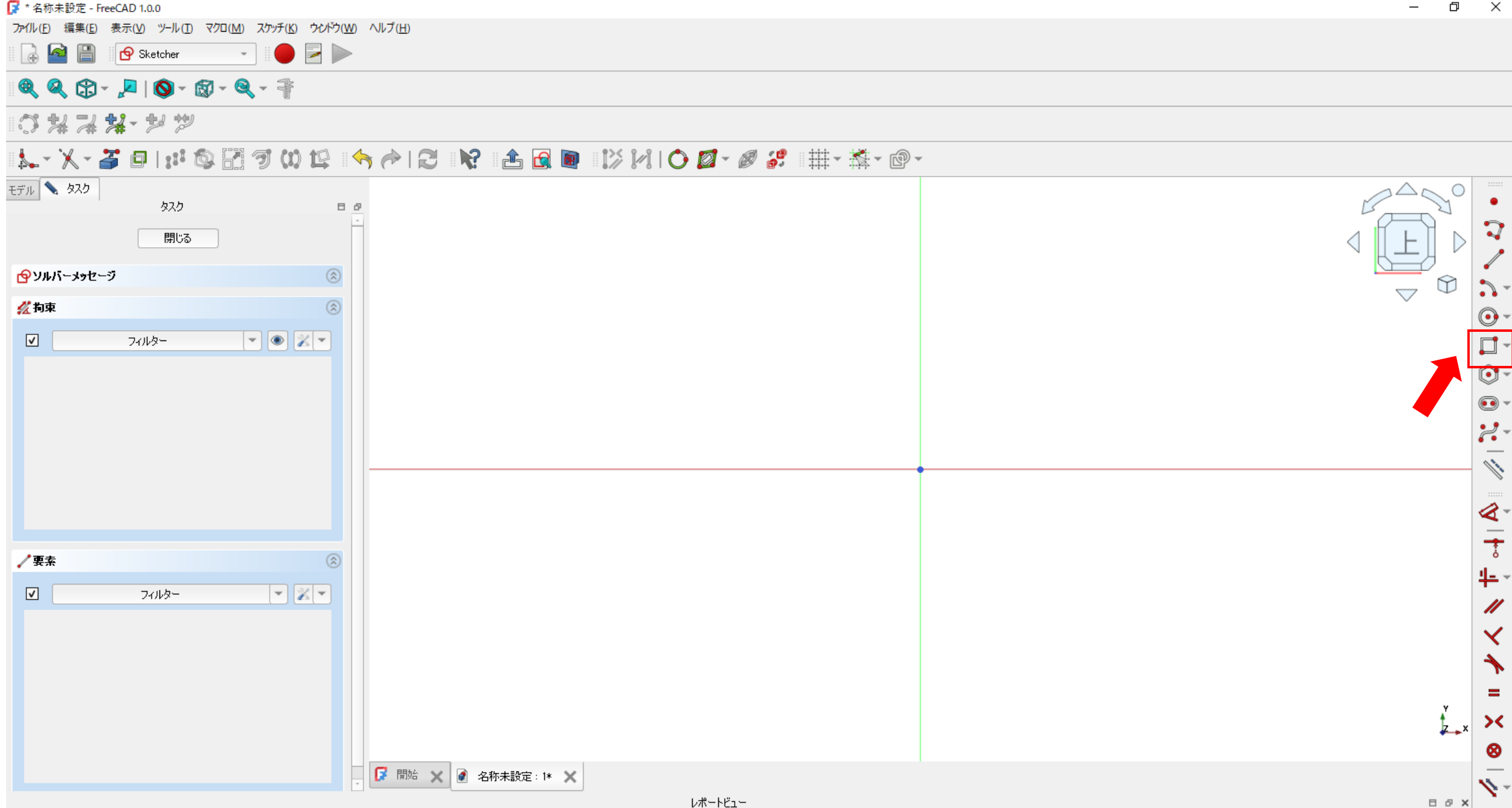
開始 ✕

レポートビュー

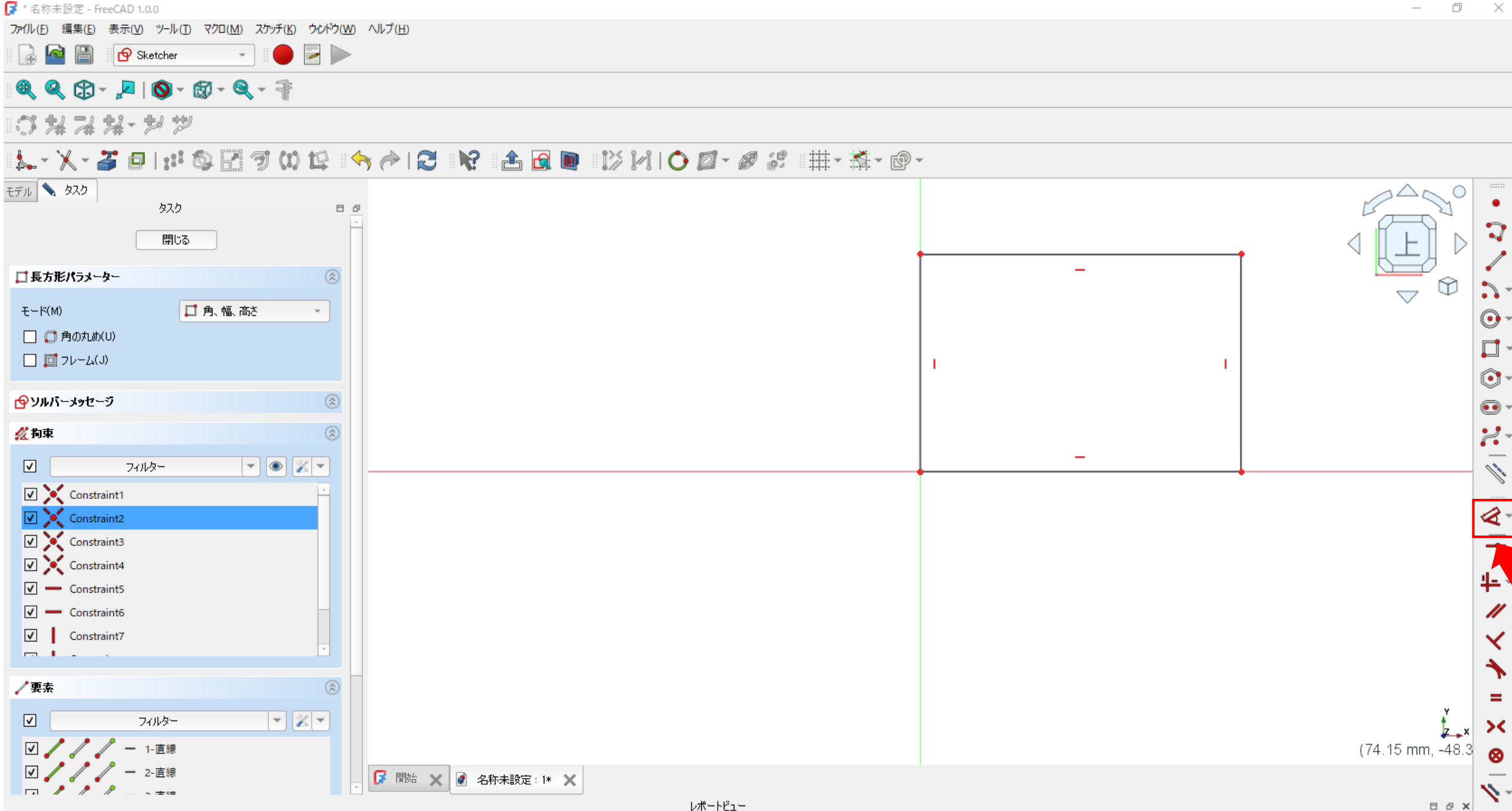


20:37:04 The '.FCStd#' backup format is deprecated and may be removed in future versions.
To update, check the 'Preferences->General->Document->Use date and FCBak extension' option.

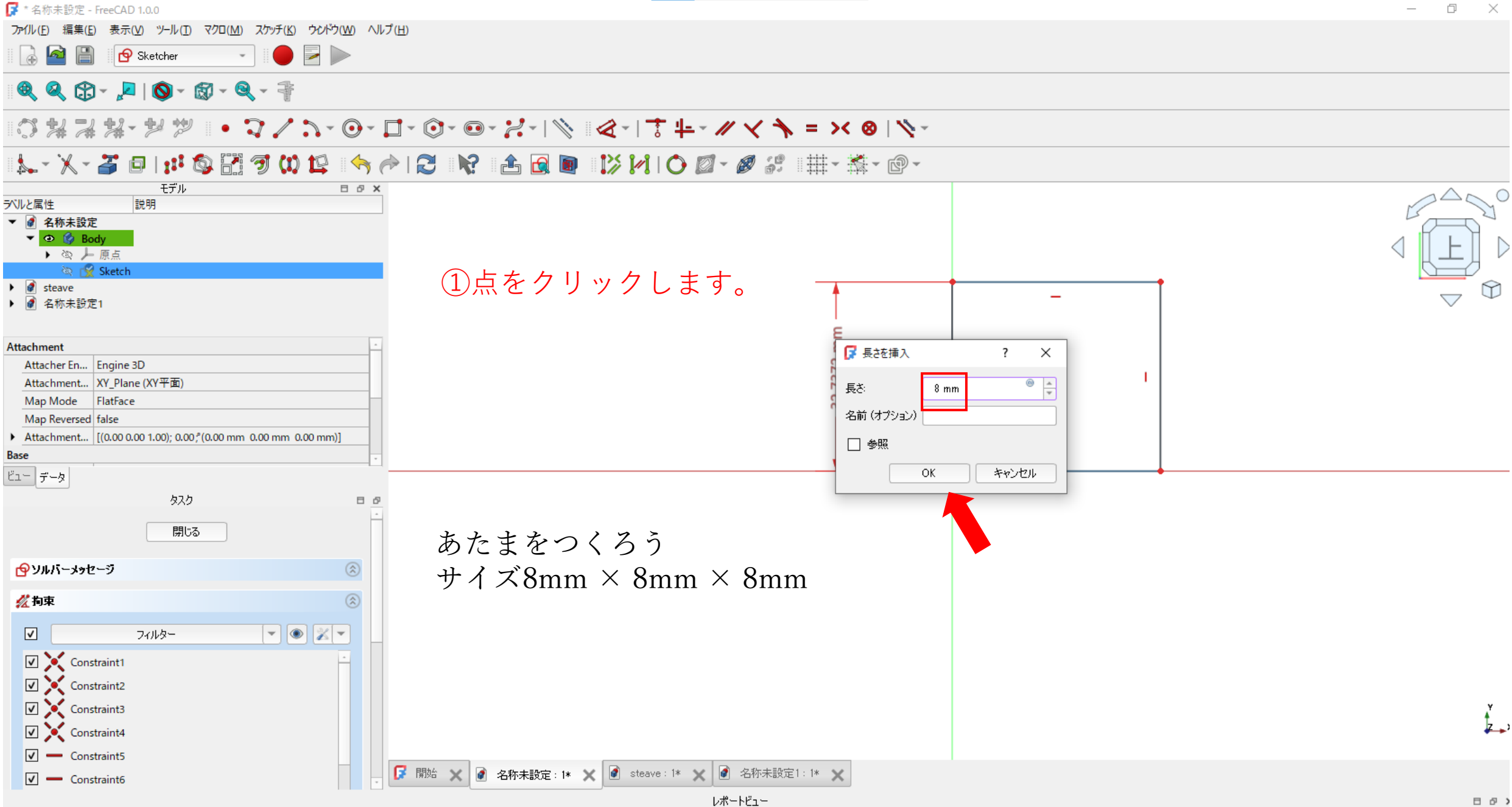


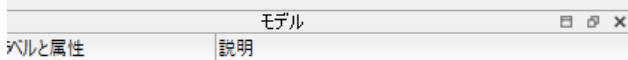
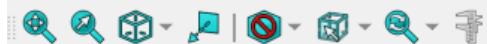
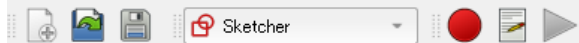


20:37:04 The `FCStd#` backup format is deprecated and may be removed in future versions.
To update, check the `Preferences->General->Document->Use date and FCBak extension` option.



20:37:04 The `FCStd#` backup format is deprecated and may be removed in future versions.
To update, check the 'Preferences->General->Document->Use date and FCBak extension' option.





- 名称未設定
 - Body
 - 原点
 - Sketch
 - steave
 - 名称未設定1

ビュー データ

タスク

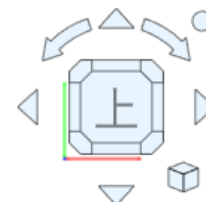
閉じる

ソルバーメッセージ

拘束

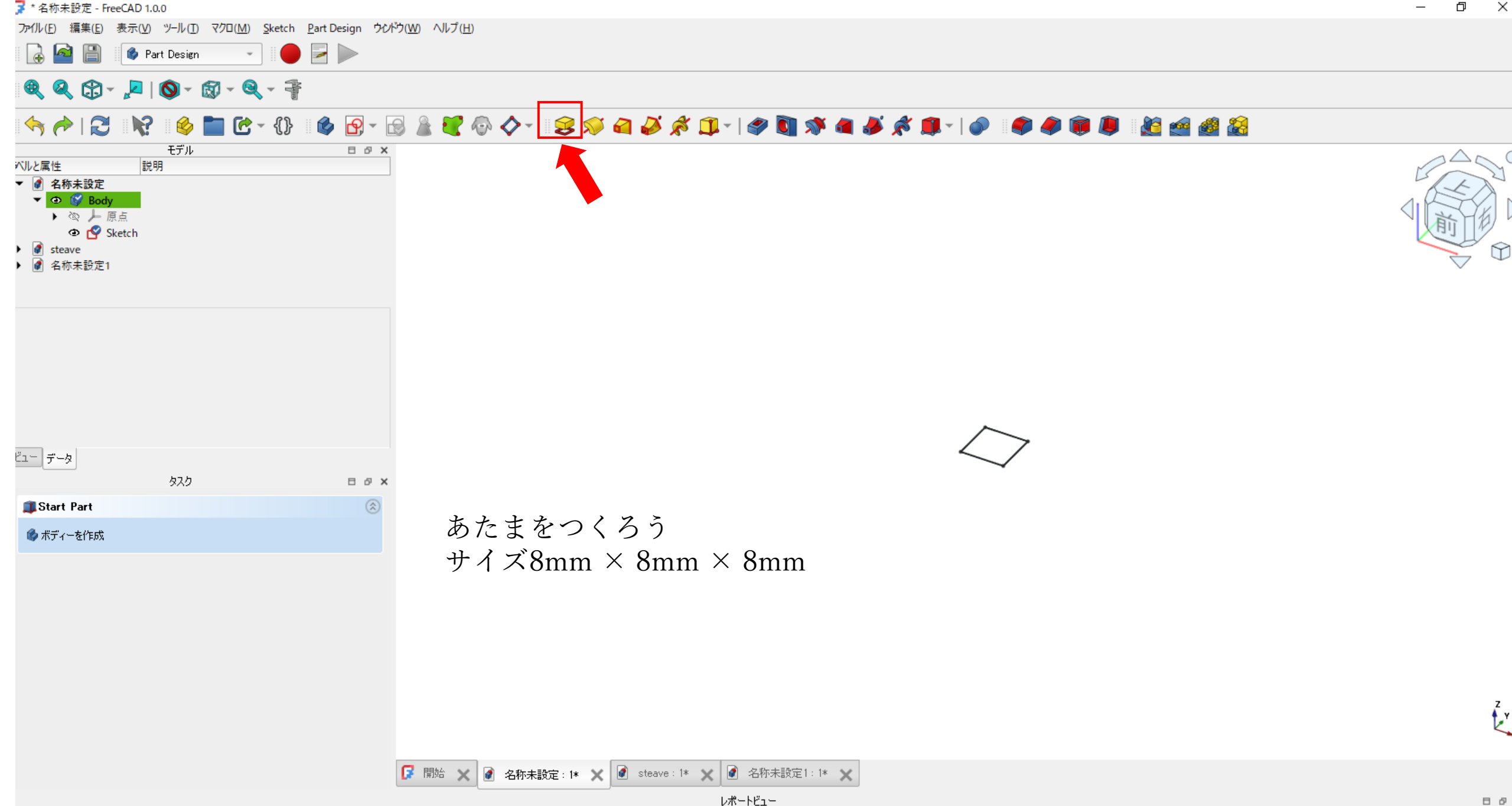
- フィルター
- ☒ Constraint1
 - ☒ Constraint2
 - ☒ Constraint3
 - ☒ Constraint4
 - ☒ Constraint5
 - ☒ Constraint6

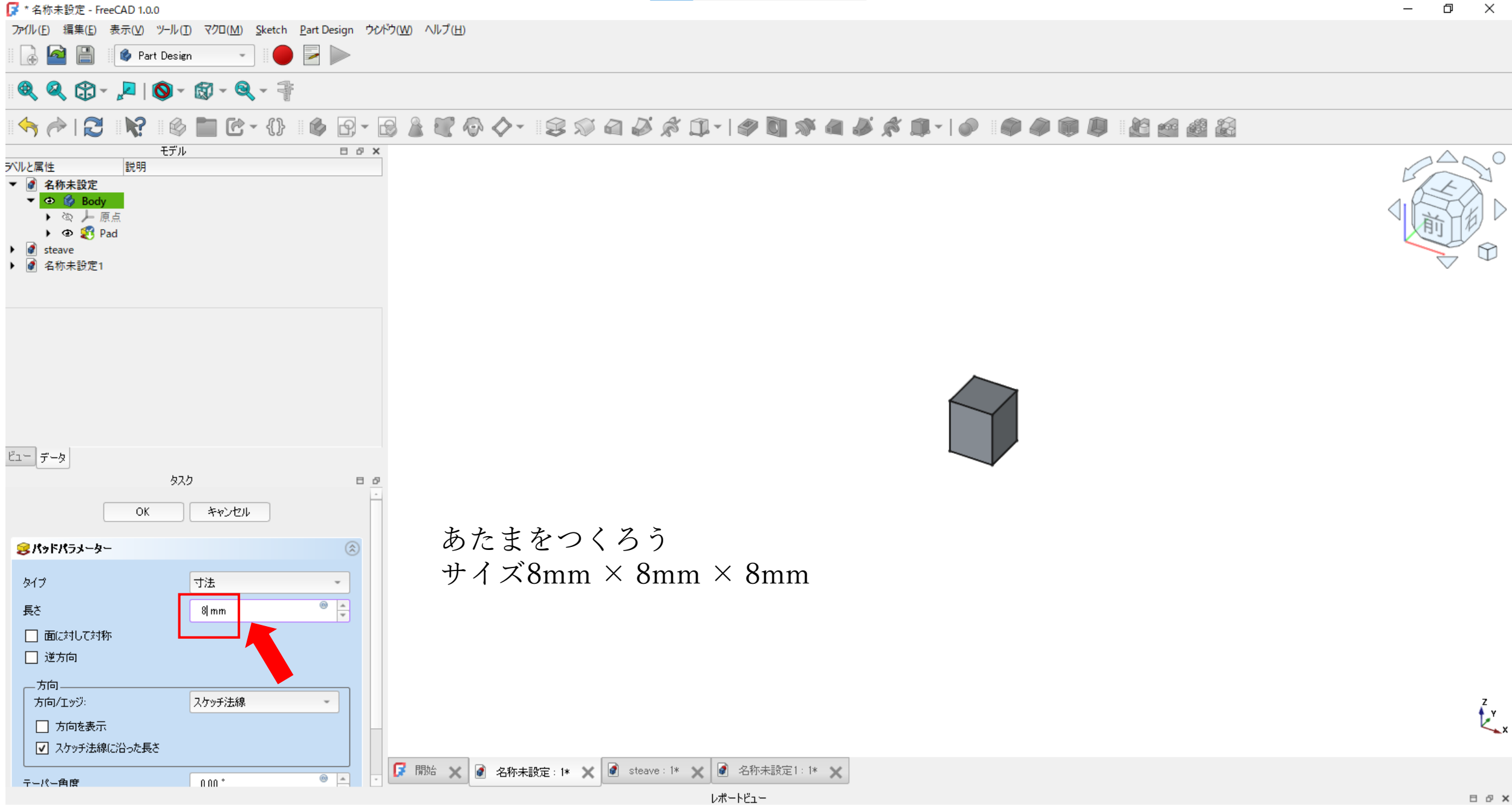
あたまをつくろう
サイズ8mm × 8mm × 8mm



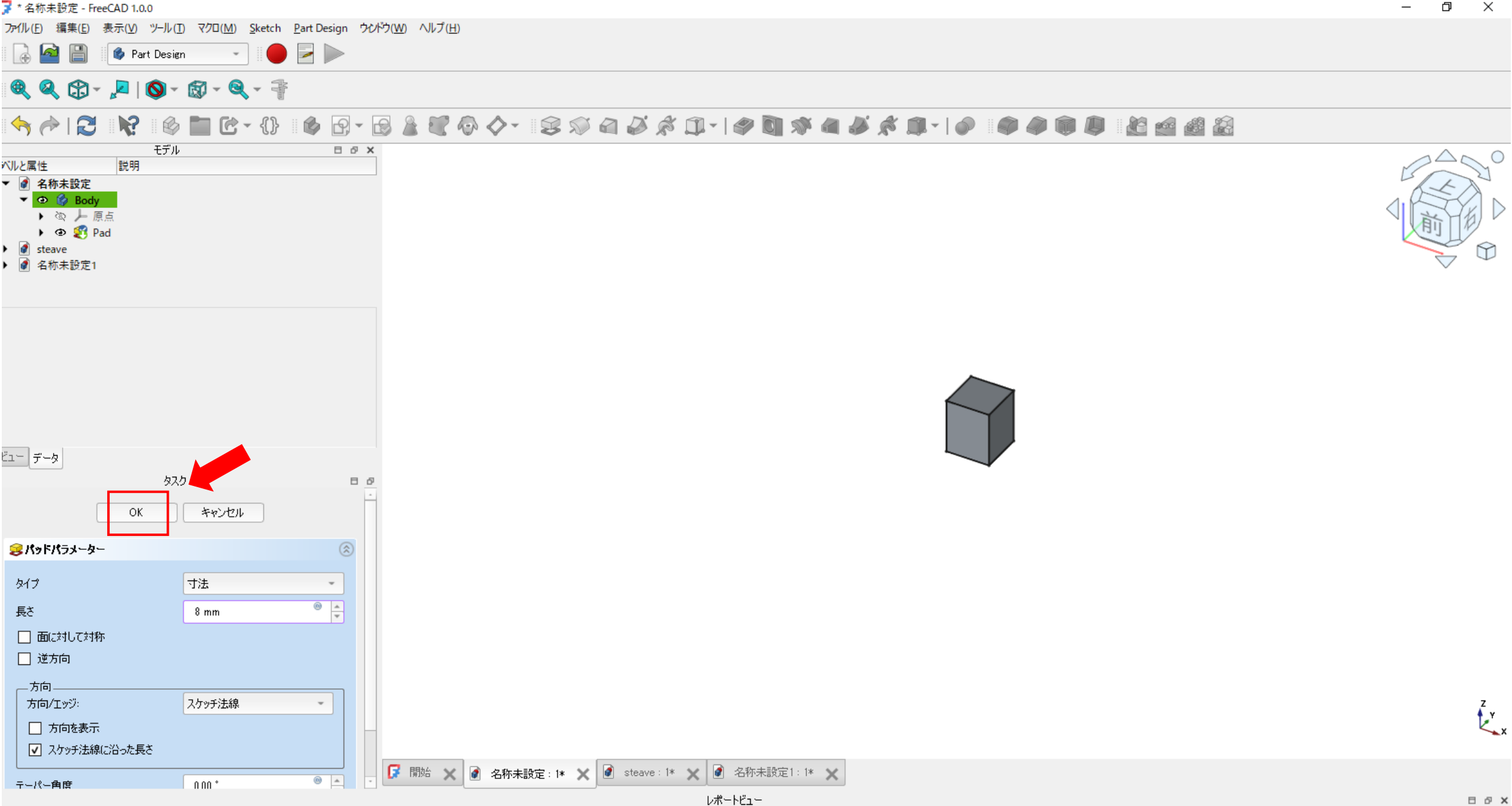
レポートビュー



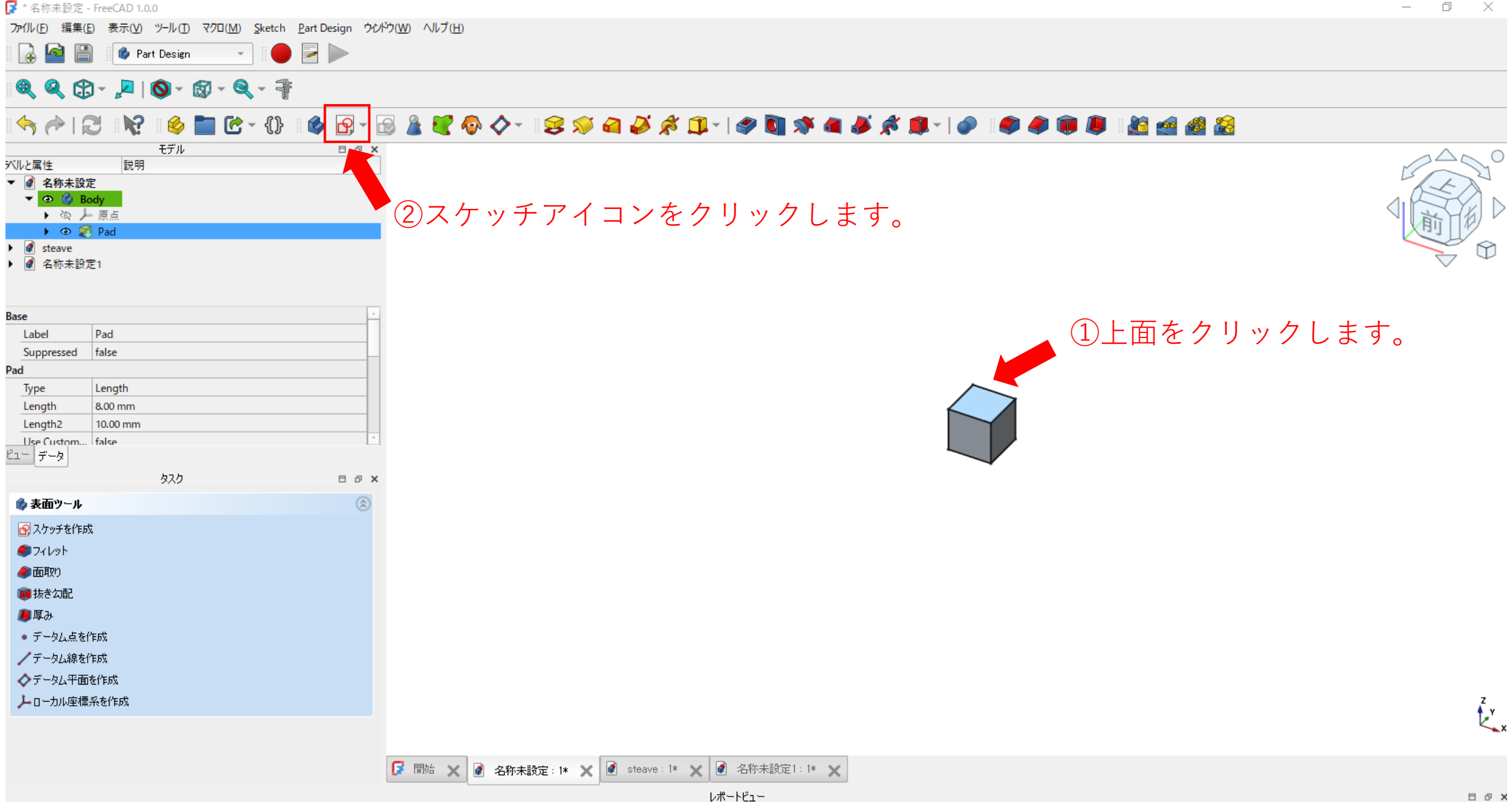


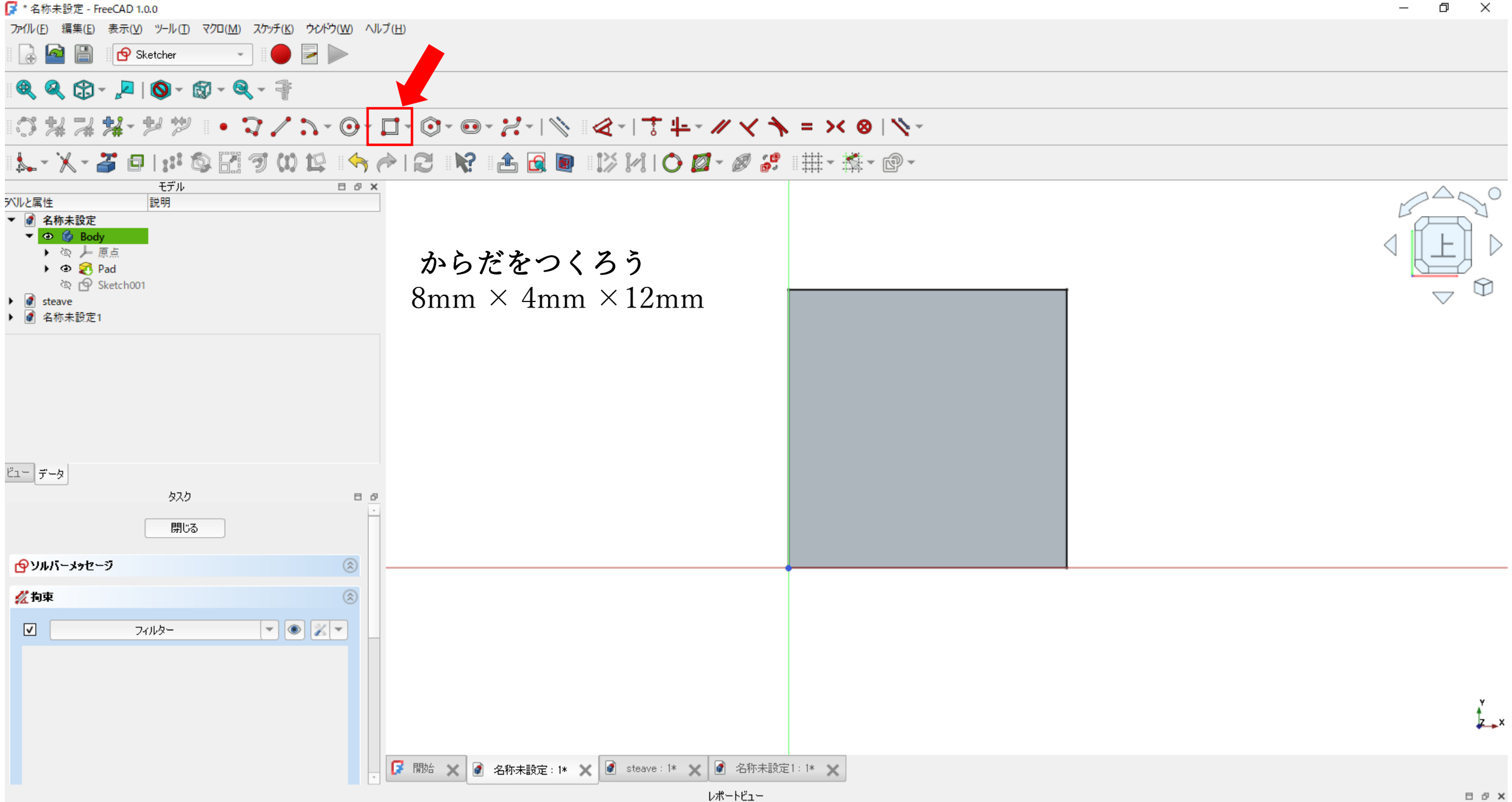


16:22:25 The `FCStd#` backup format is deprecated and may be removed in future versions.
To update, check the 'Preferences->General->Document->Use date and FCBak extension' option.

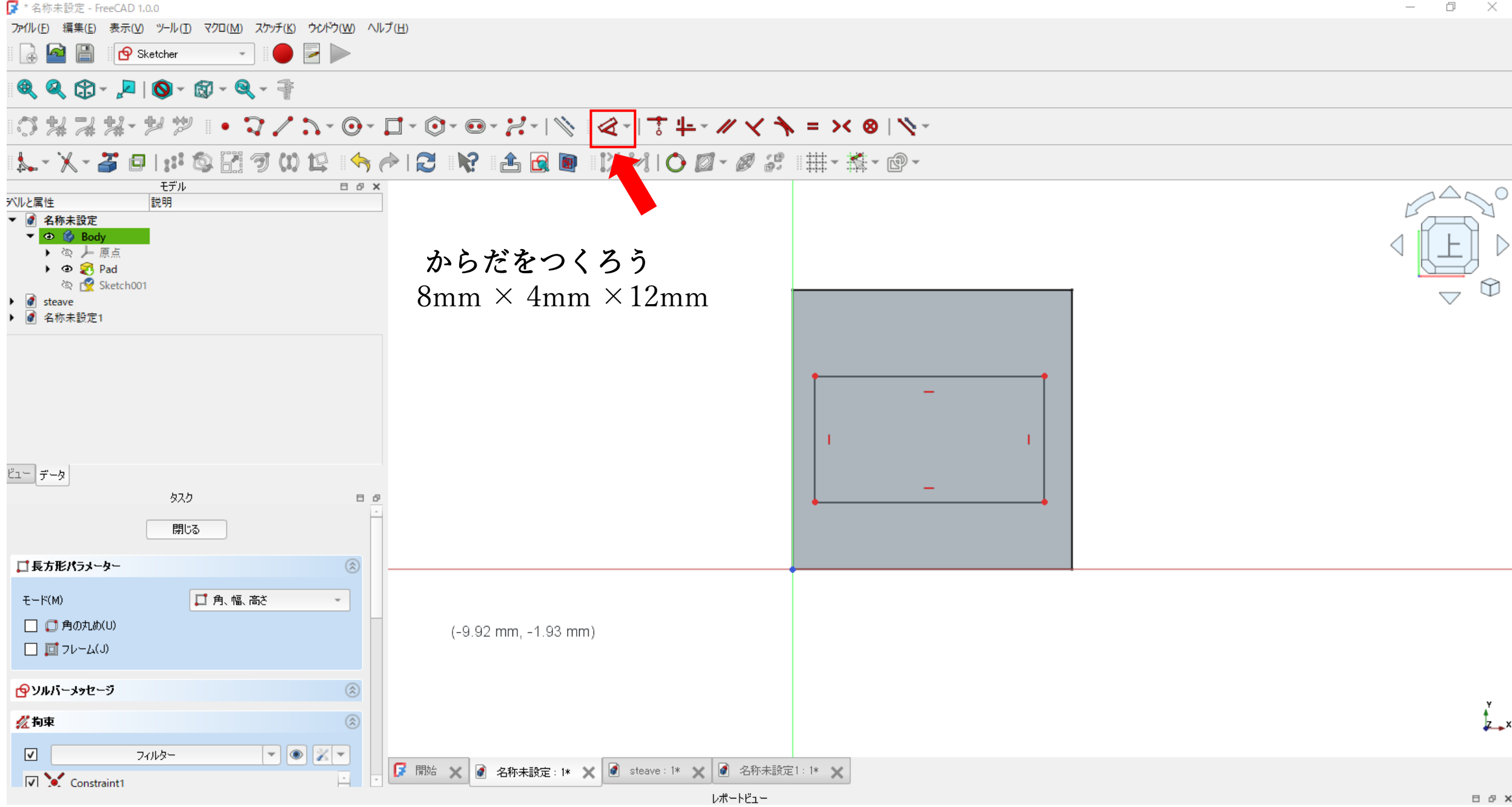


16:22:25 The `FCStd#` backup format is deprecated and may be removed in future versions.
To update, check the 'Preferences->General->Document->Use date and FCBak extension' option.

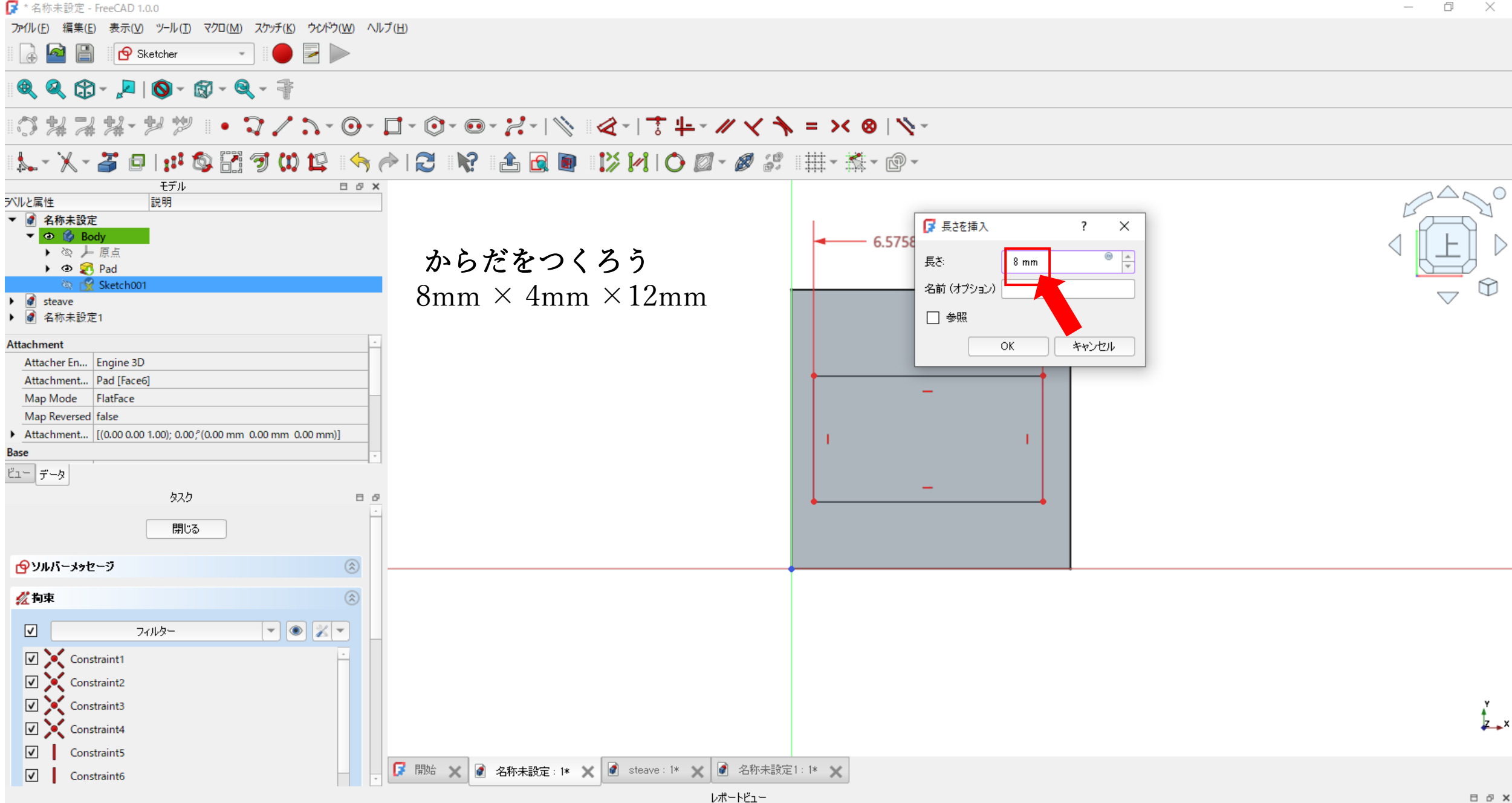




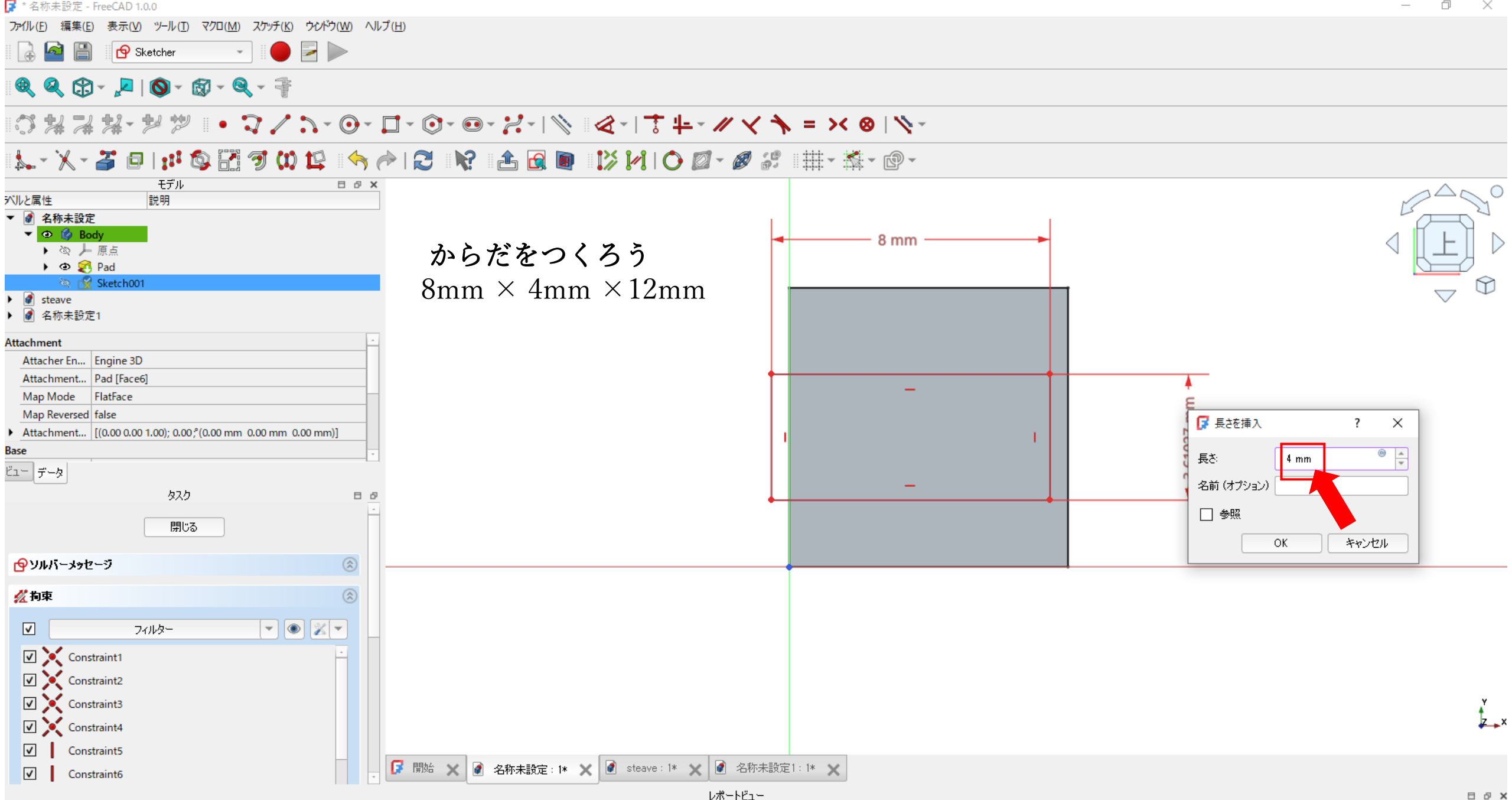
16:22:25 The `FCStd#` backup format is deprecated and may be removed in future versions.
To update, check the 'Preferences->General->Document->Use date and FCBak extension' option.

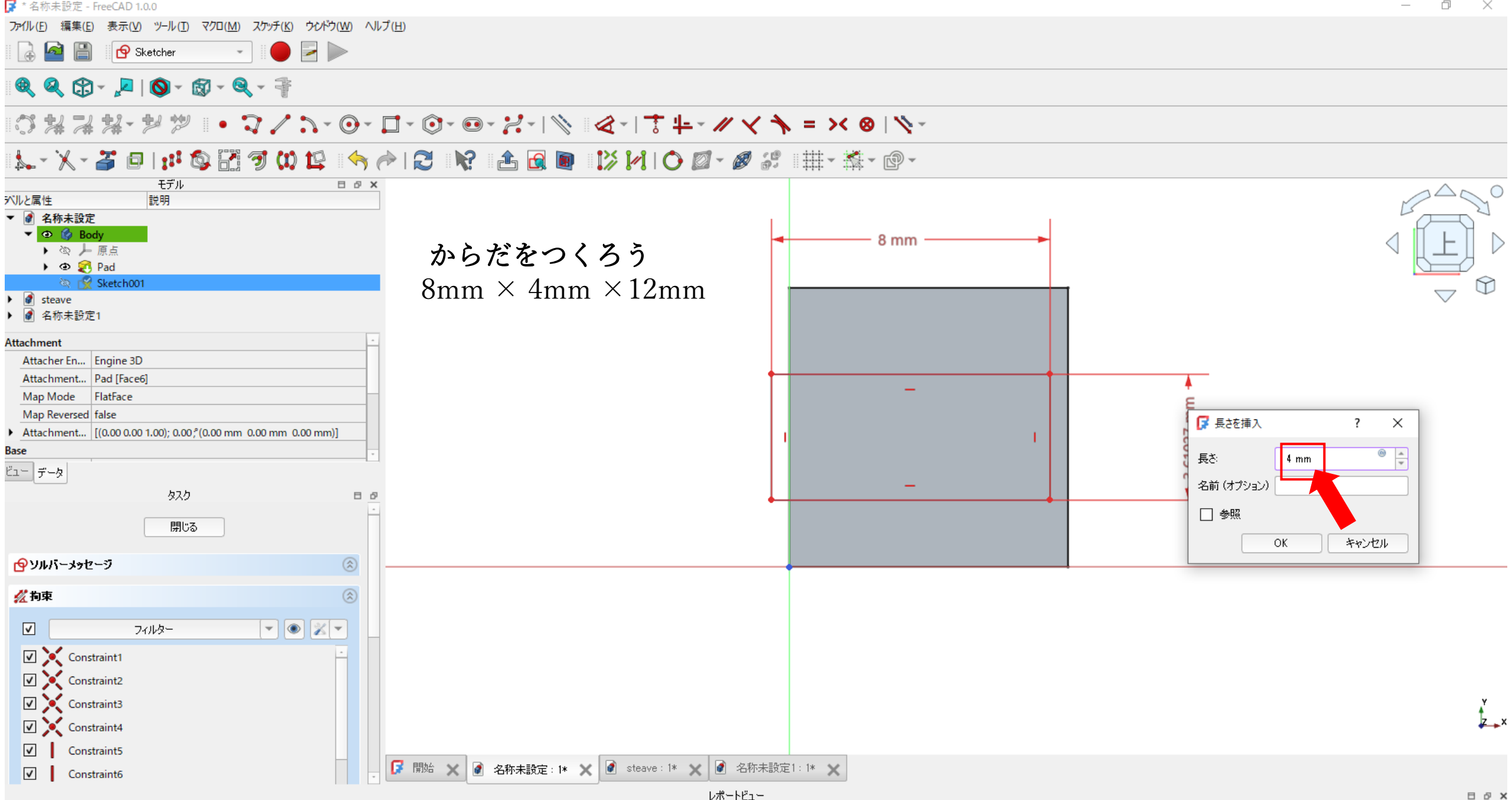


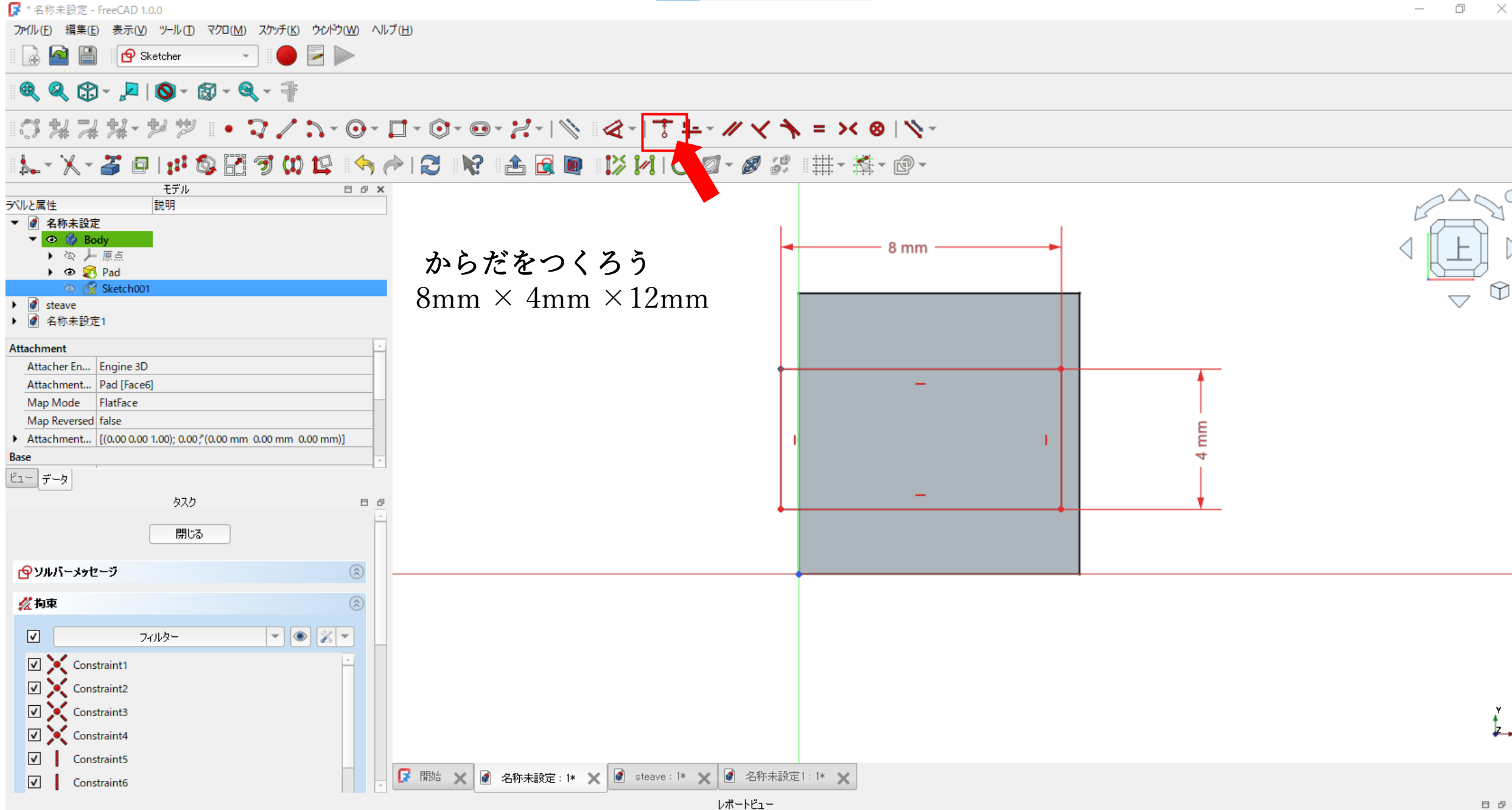
からだをつくろう
8mm × 4mm × 12mm



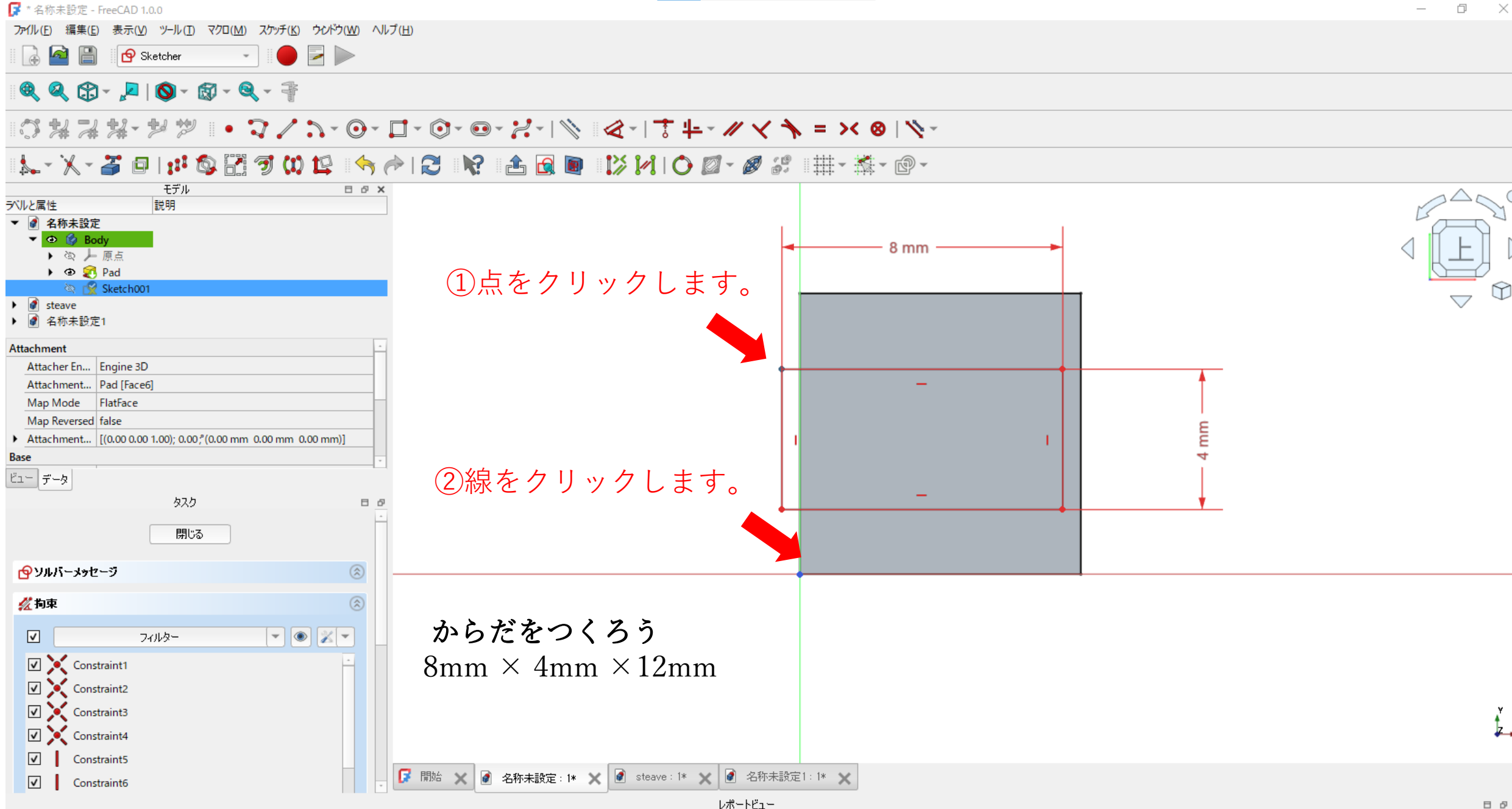
16:22:25 The `FCStd#` backup format is deprecated and may be removed in future versions.
To update, check the 'Preferences->General->Document->Use date and FCBak extension' option.







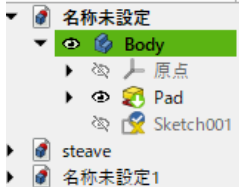
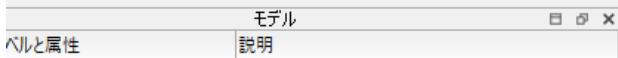
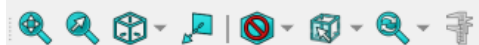
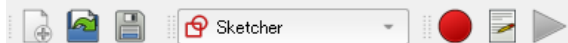
16:22:25 The `FCStd#` backup format is deprecated and may be removed in future versions.
To update, check the 'Preferences->General->Document->Use date and FCBak extension' option.



①点をクリックします。

②線をクリックします。

からだをつくろう
8mm × 4mm × 12mm



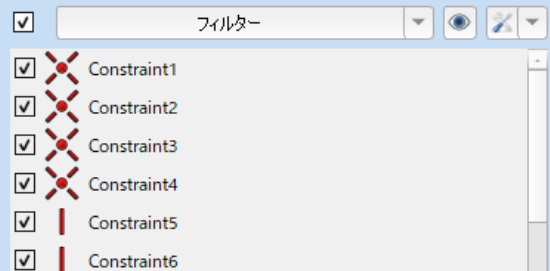
ビュー データ

タスク

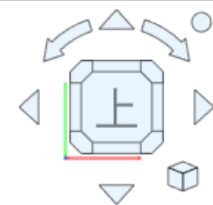
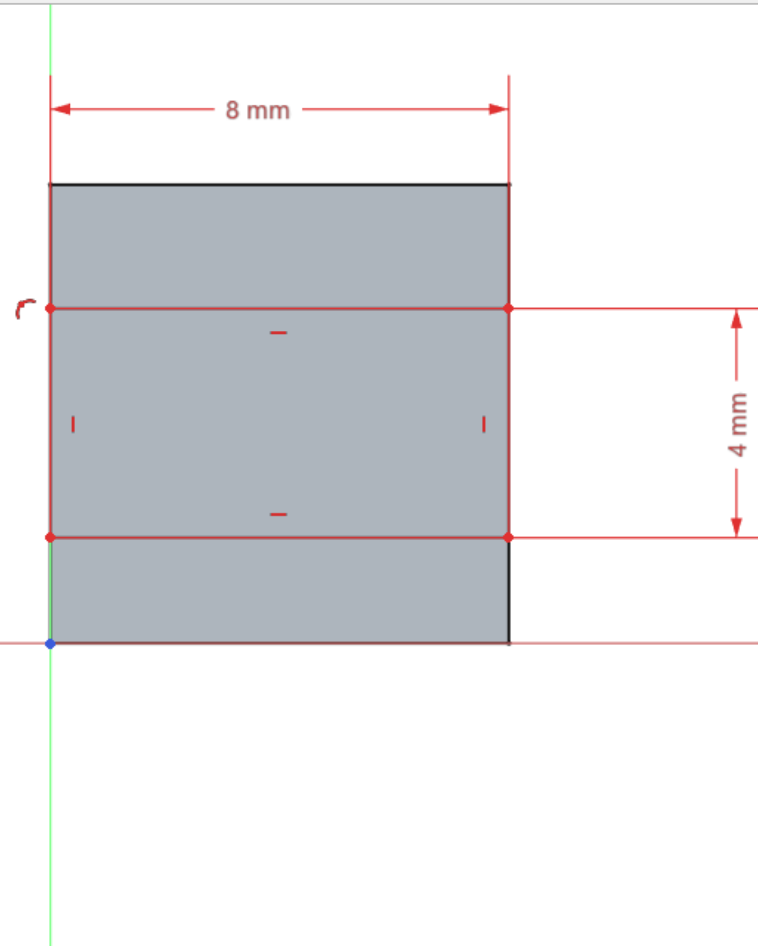
閉じる

ソルバーメッセージ

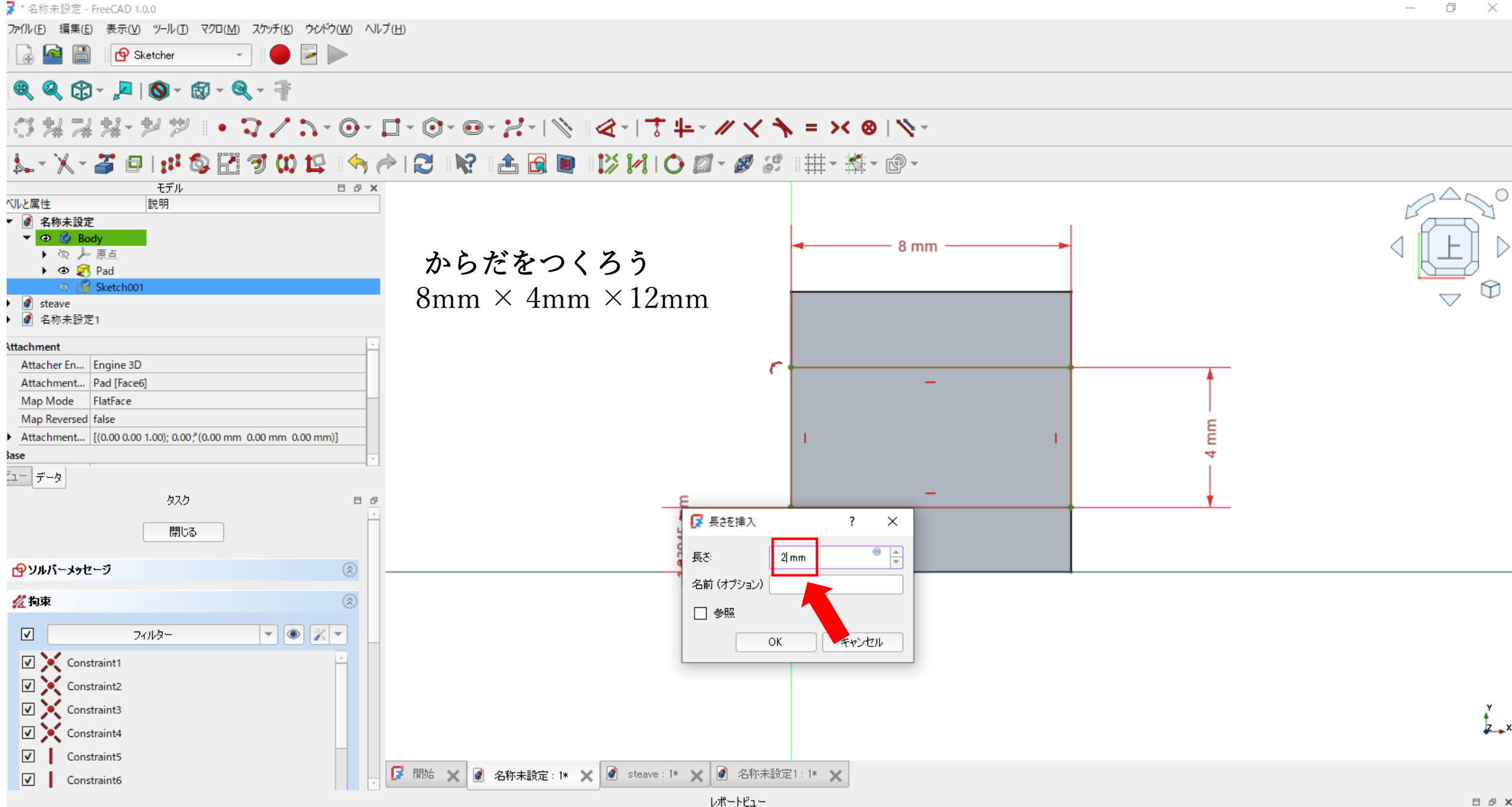
拘束



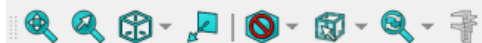
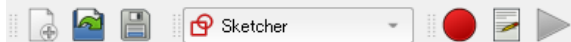
からだをつくろう
8mm × 4mm × 12mm



レポートビュー



6:22:25 The ".FCStd#" backup format is deprecated and may be removed in future versions.
To update, check the 'Preferences->General->Document->Use date and FCBak extension' option.

モデル
モデルと属性 説明

- 名称未設定
 - Body
 - 原点
 - Pad
 - Sketch001
 - steave
 - 名称未設定1

ビュー データ

タスク

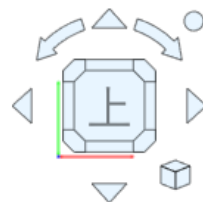
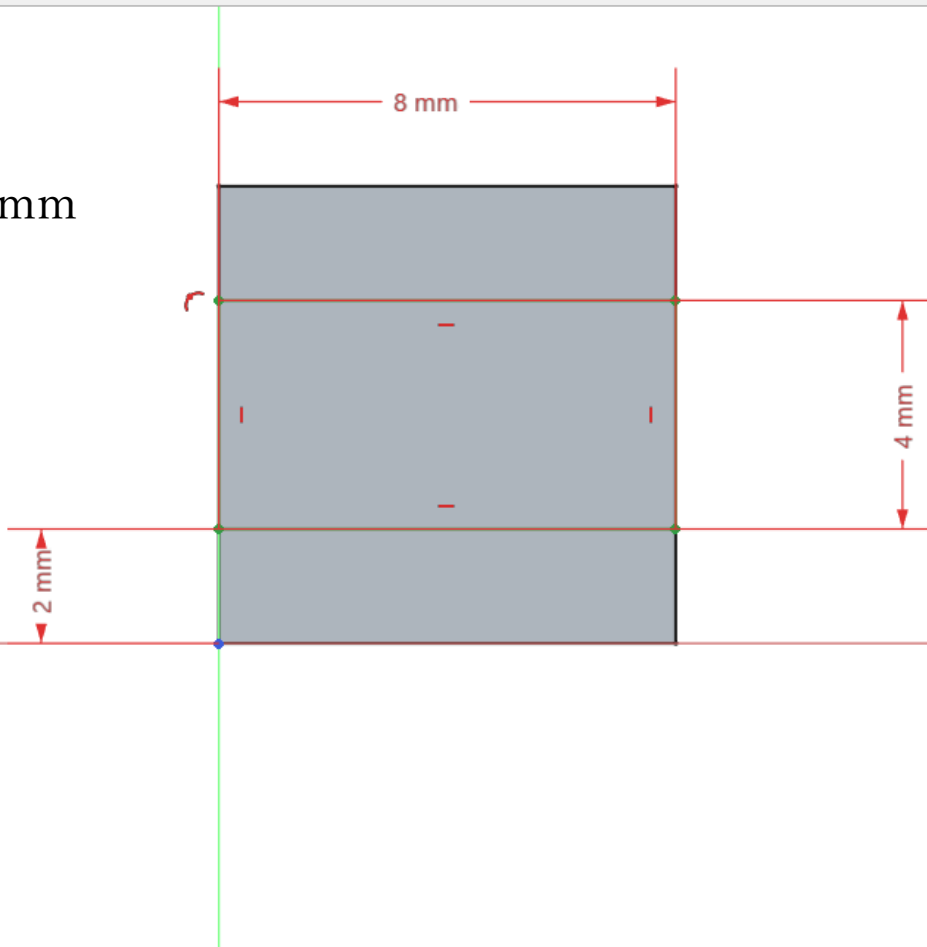
開じる

ソルバーメッセージ

拘束

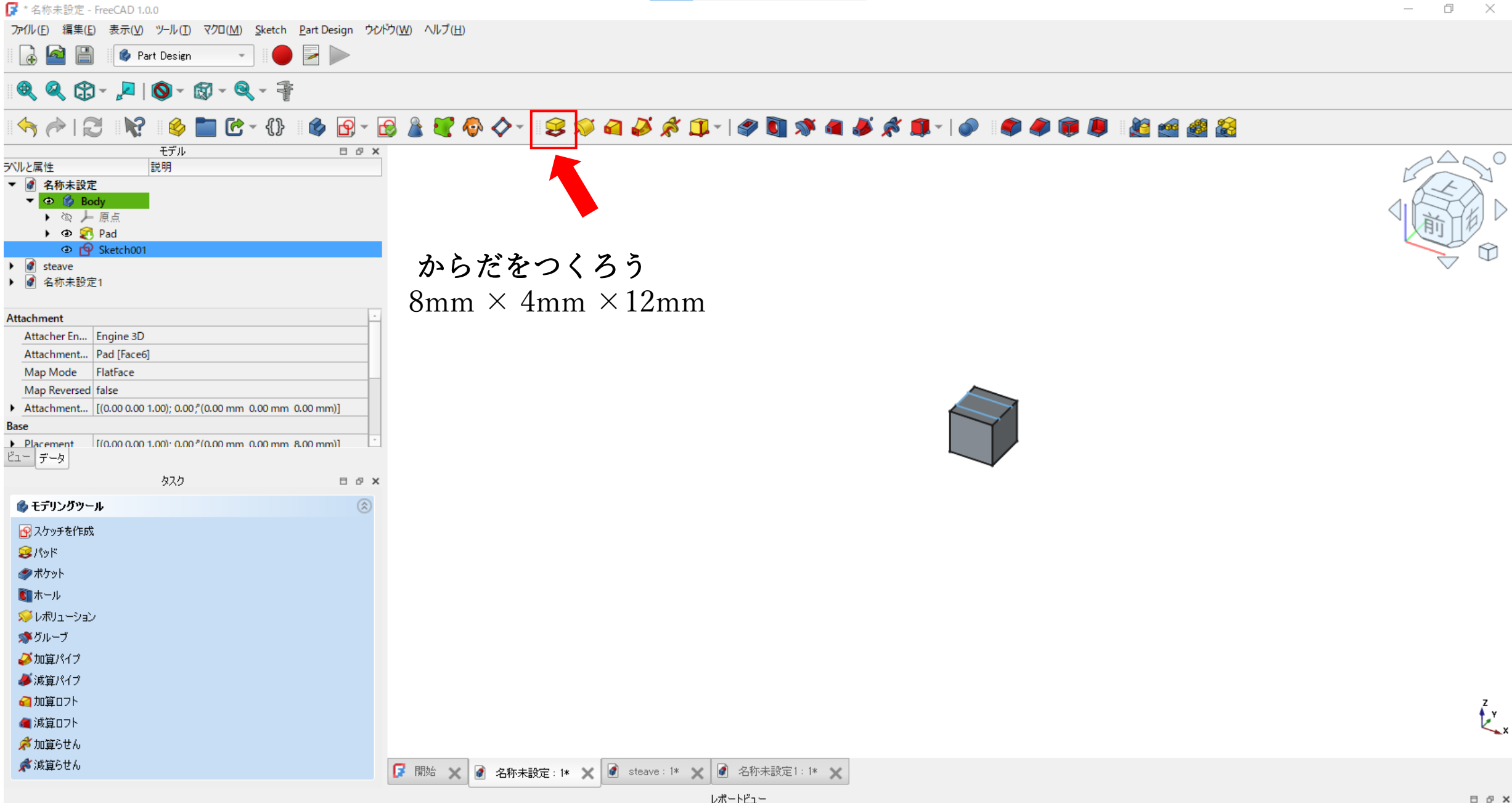
- フィルター
- Constraint1
- Constraint2
- Constraint3
- Constraint4
- Constraint5
- Constraint6

からだをつくろう
8mm × 4mm × 12mm

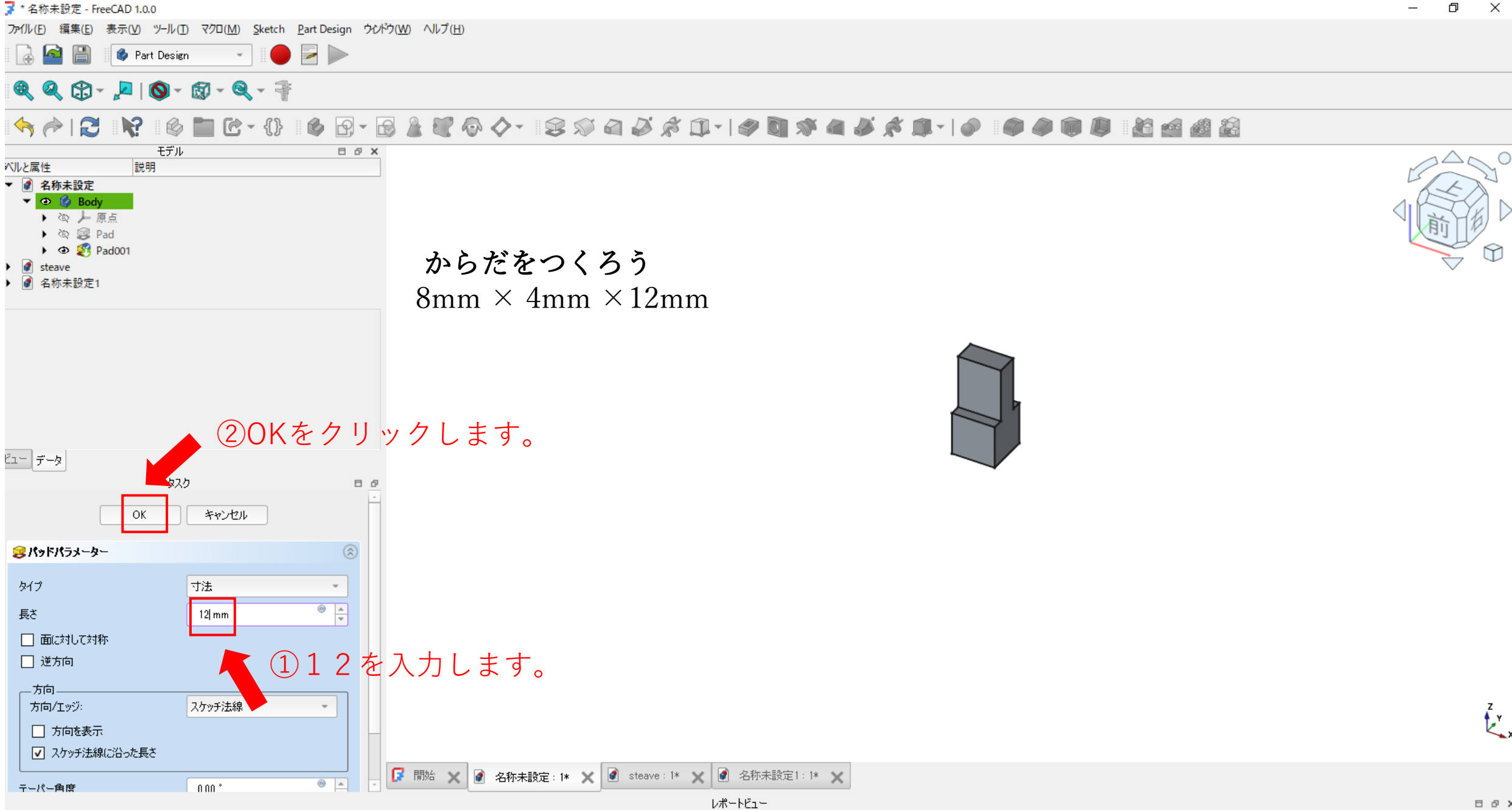


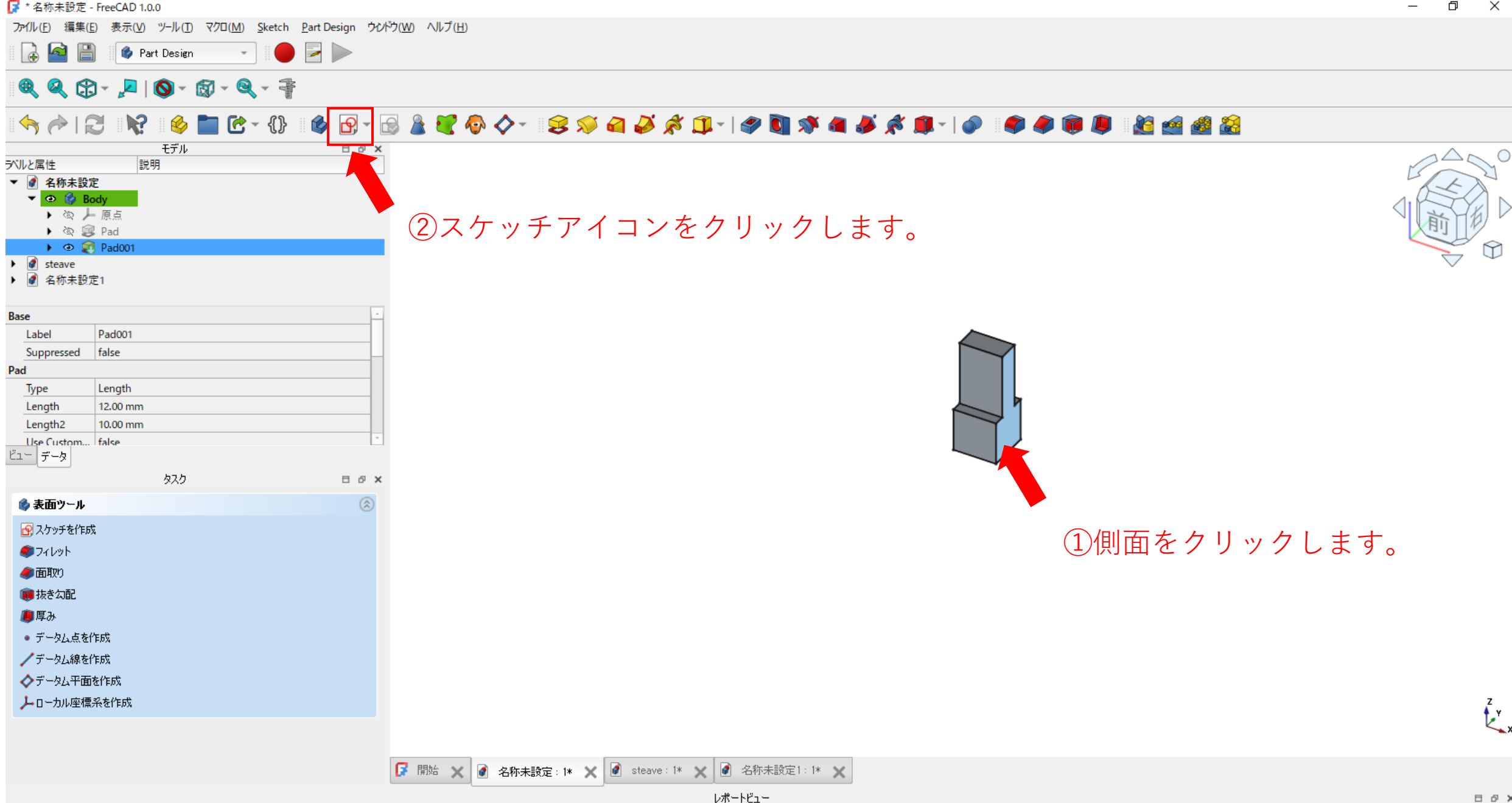
開始 名称未設定: 1* steave: 1* 名称未設定1: 1*

レポートビュー

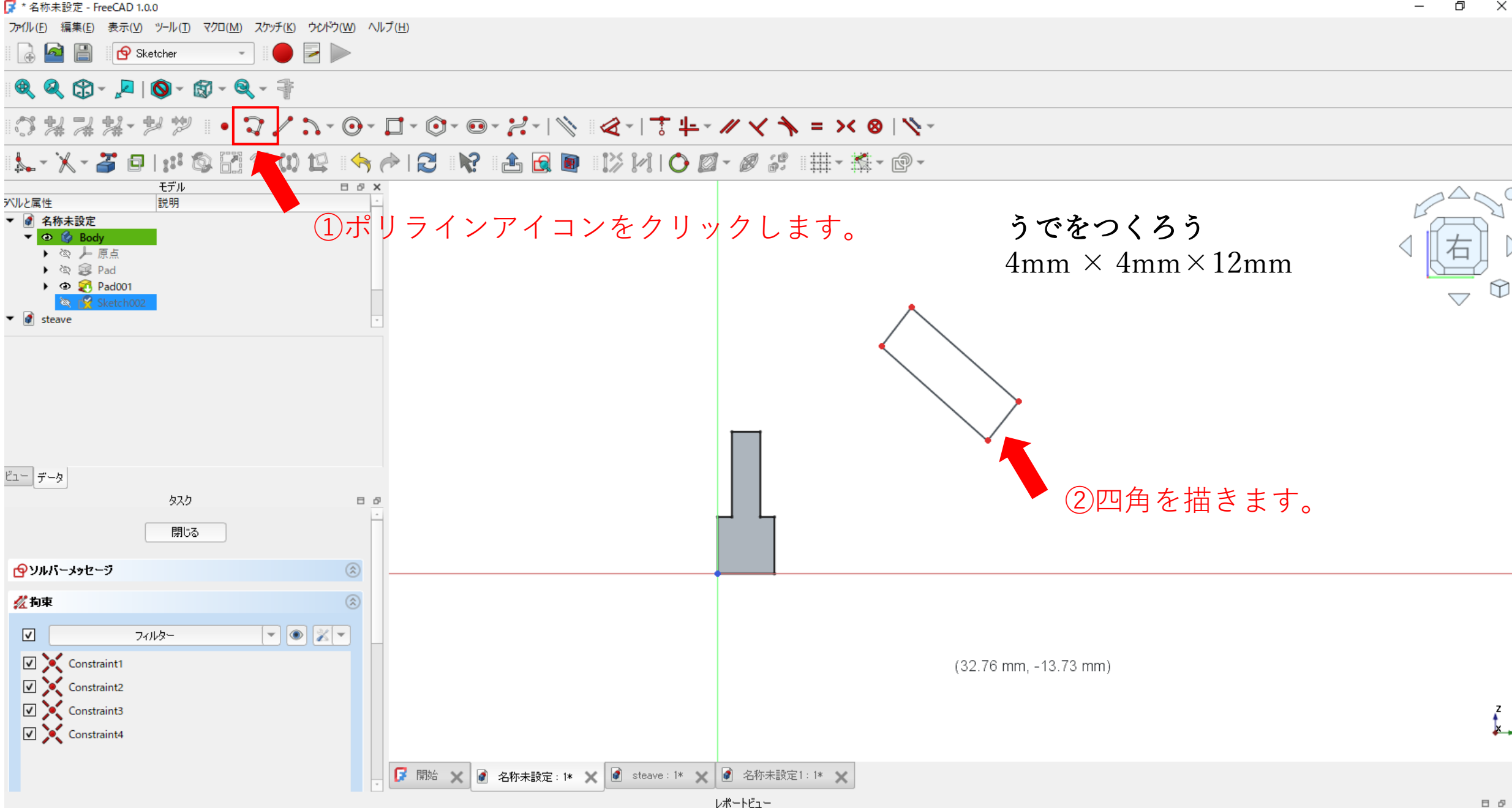


16:22:25 The `FCStd#` backup format is deprecated and may be removed in future versions.
To update, check the 'Preferences->General->Document->Use date and FCBak extension' option.





16:22:25 The `FCStd#` backup format is deprecated and may be removed in future versions.
To update, check the 'Preferences->General->Document->Use date and FCBak extension' option.



For updates, check the FreeCAD news / forum or / documentation / web site and / local extension / option.

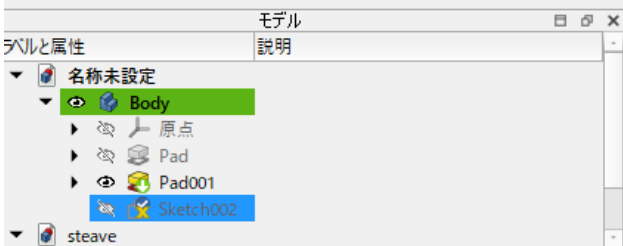
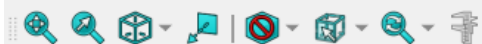
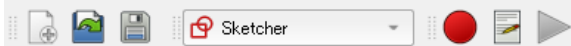
17:46:35 pyException: Traceback (most recent call last):

File "<string>", line 1, in <module>

<class 'ValueError': Cannot set the datum because the sketch contains conflicting constraints

17:46:35 名称未設定#Sketch002: App.getDocument('Unnamed').getObject('Sketch002').setDatum(8,App.Units.Quantity('45.000000 deg'))

17:50:04 ViewProviderSketch: Delete: Selection not restricted to one sketch and its subelements



ビュー

データ

タスク

閉じる

ソルバーメッセージ

拘束



フィルター



Constraint1



Constraint2



Constraint3



Constraint4

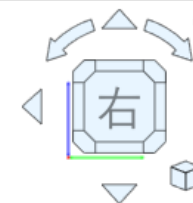


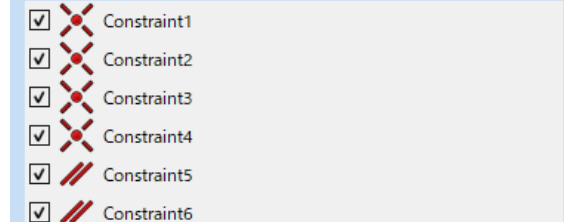
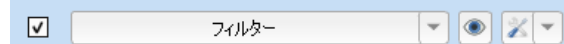
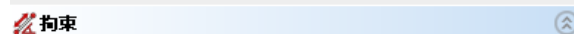
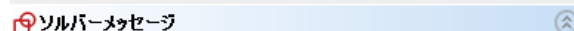
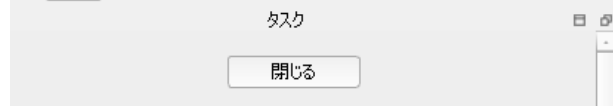
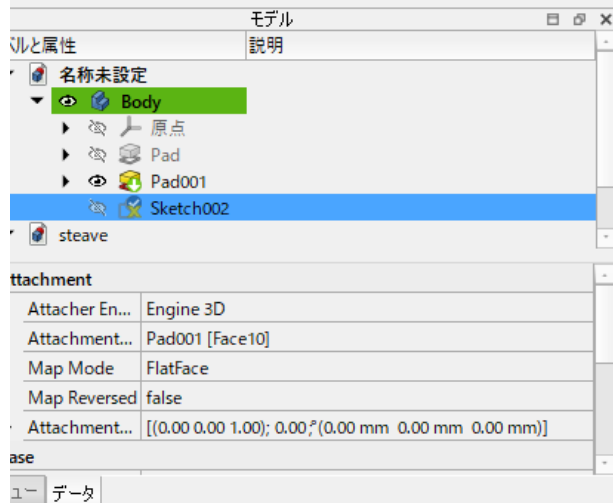
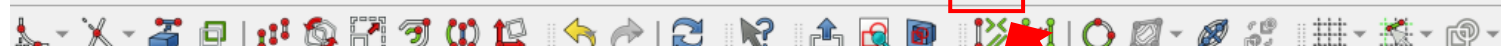
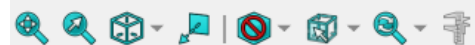
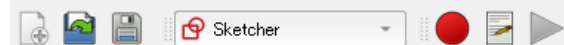
Constraint5

17:54:11 <Sketch> SketchObject.cpp(11415): cannot find subname :g1;SKT.Edge1
17:54:11 <Sketch> SketchObject.cpp(11415): cannot find subname :g1;SKT.Edge1
17:54:11 <Sketch> SketchObject.cpp(11415): cannot find subname :g3;SKT.Edge3
17:54:11 <Sketch> SketchObject.cpp(11415): cannot find subname :g3;SKT.Edge3
17:54:11 <Sketch> SketchObject.cpp(11415): cannot find subname :g3;SKT.Edge3
17:54:11 <Sketch> SketchObject.cpp(11415): cannot find subname :g3;SKT.Edge3

レポートビュー

うでをつくろう
4mm × 4mm × 12mm

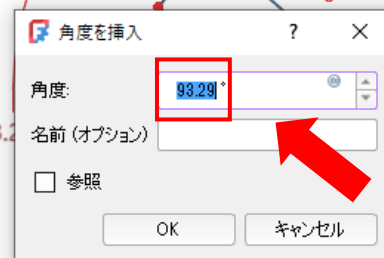




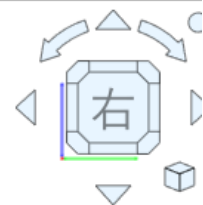
7:55:01 <Sketch> SketchObject.cpp(11415): cannot find subname ;g2;SKT_Edge2
7:55:01 <Sketch> SketchObject.cpp(11415): cannot find subname ;g2;SKT_Edge2
7:55:01 <Sketch> SketchObject.cpp(11415): cannot find subname ;g2;SKT_Edge2
7:55:01 <Sketch> SketchObject.cpp(11415): cannot find subname ;g1;SKT_Edge2
7:55:01 <Sketch> SketchObject.cpp(11415): cannot find subname ;g2;SKT_Edge2

①寸法をクリックします。

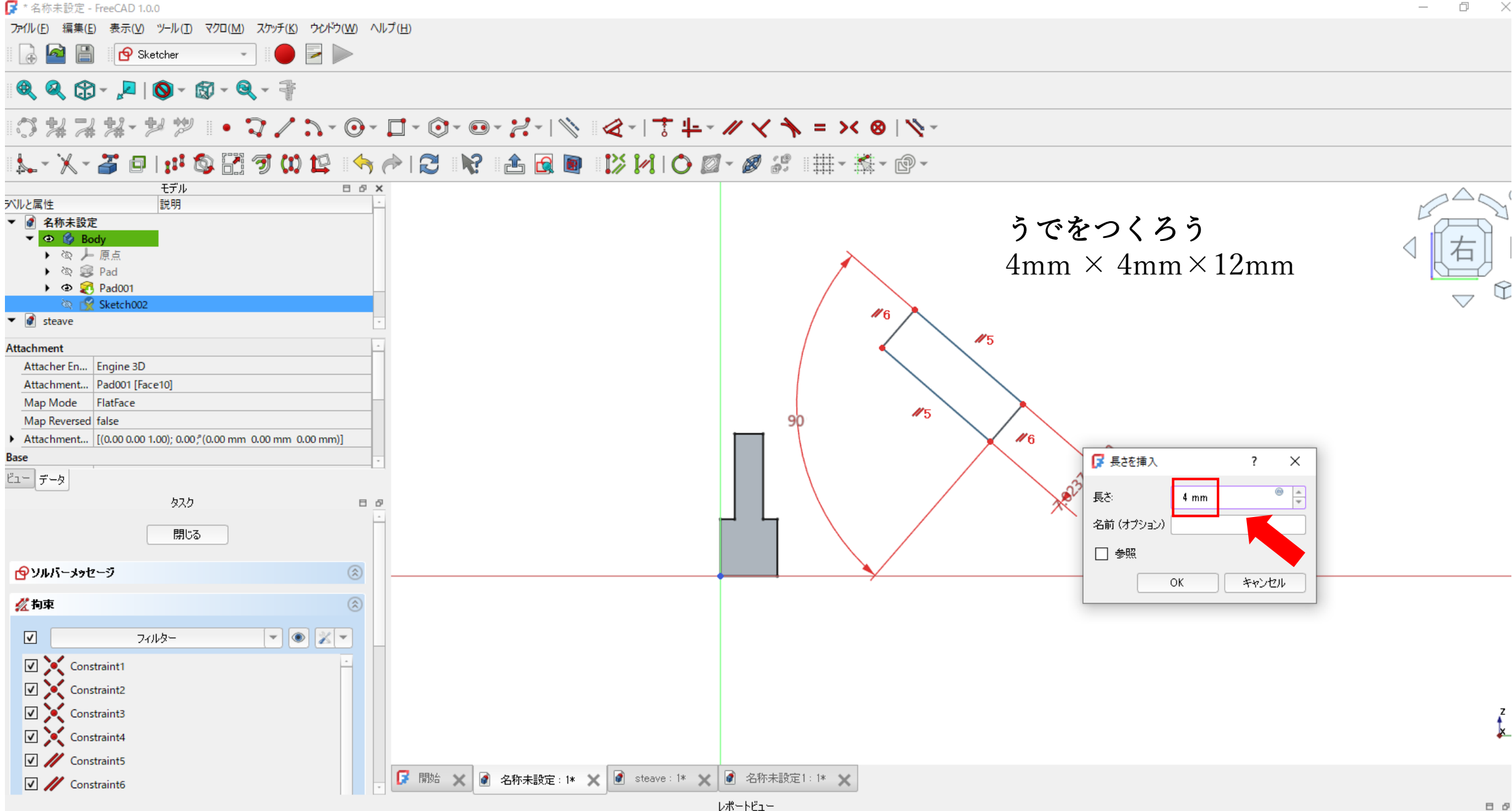
うでをつくろう
4mm × 4mm × 12mm



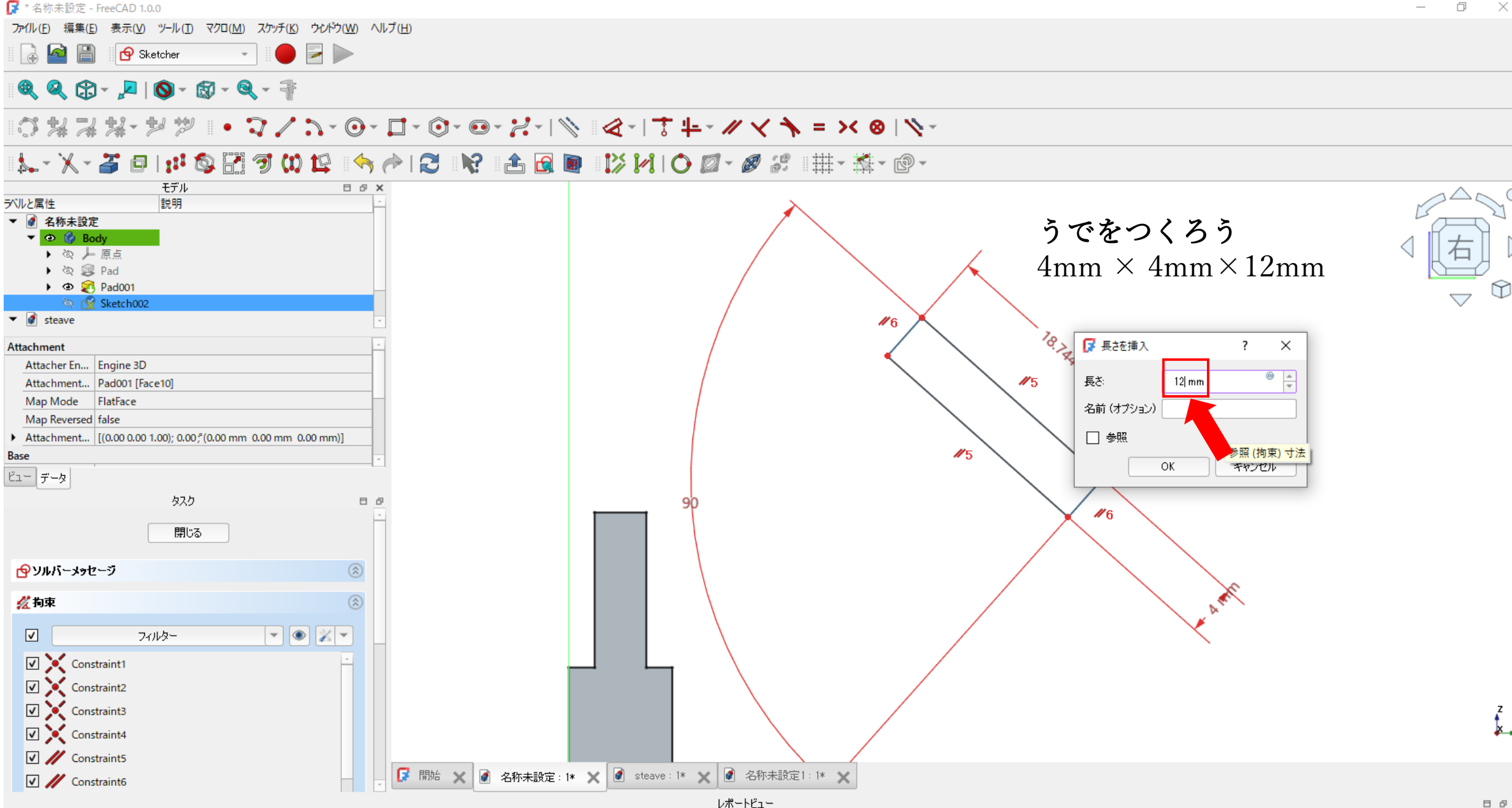
②90と入力します。



レポートビュー



17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname ;s3;SKT.Edge3
17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname ;s3;SKT.Edge3
17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname ;s3;SKT.
17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname ;s1;SKT.
17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname ;s3;SKT.



うでをつくろう
4mm × 4mm × 12mm

長さを入力

長さ: 12 mm

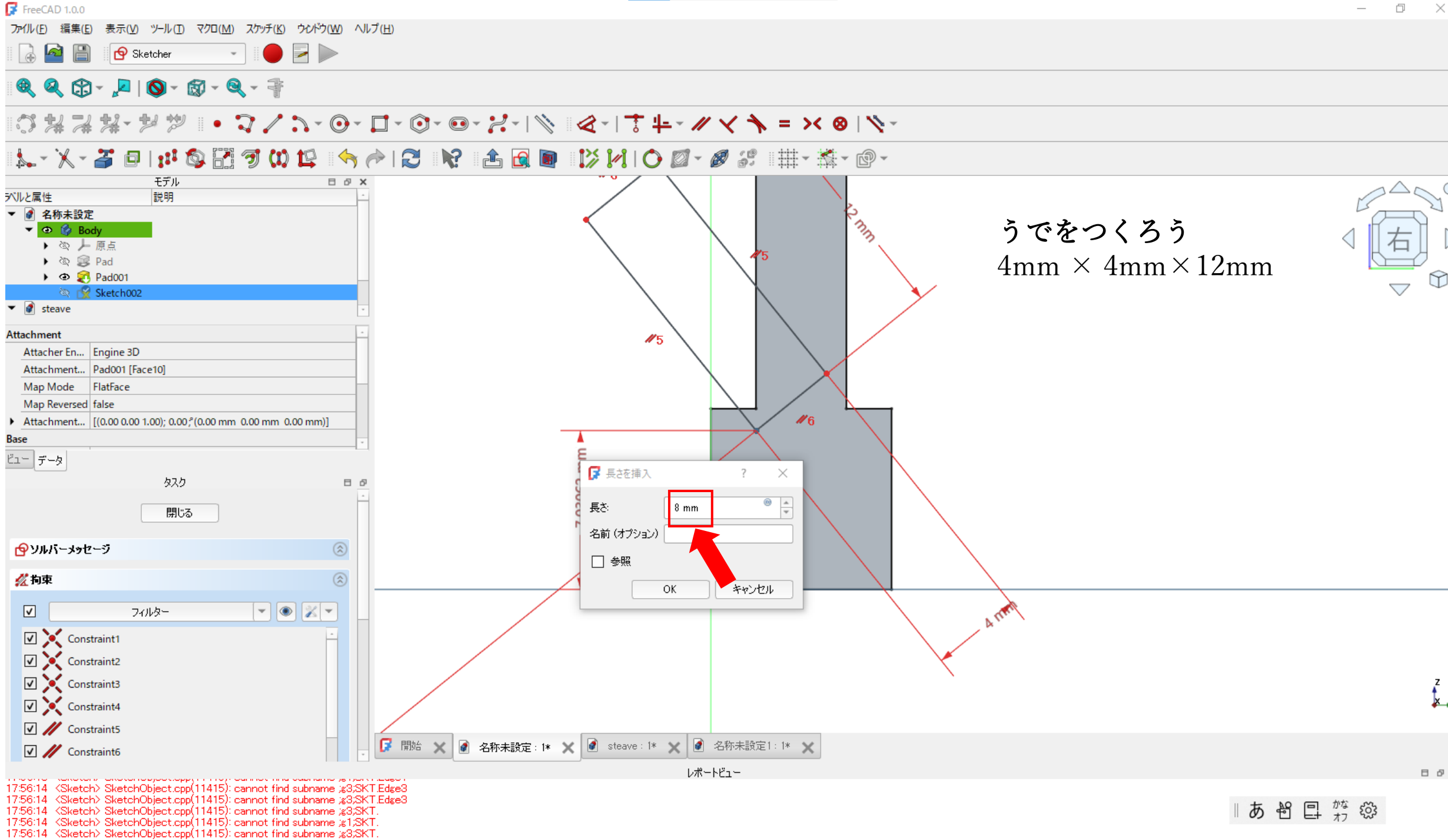
名前 (オプション)

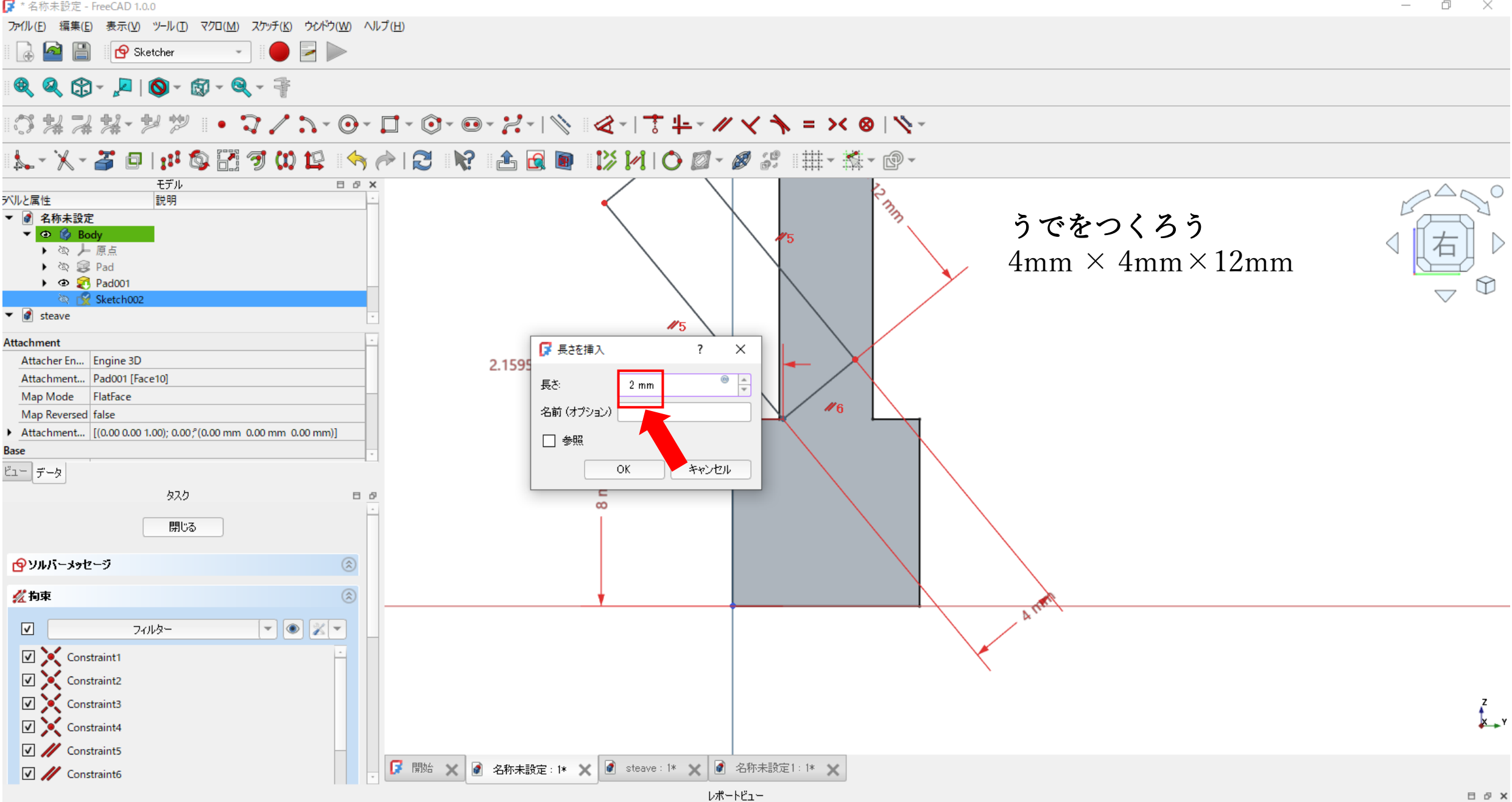
☐ 参照

OK

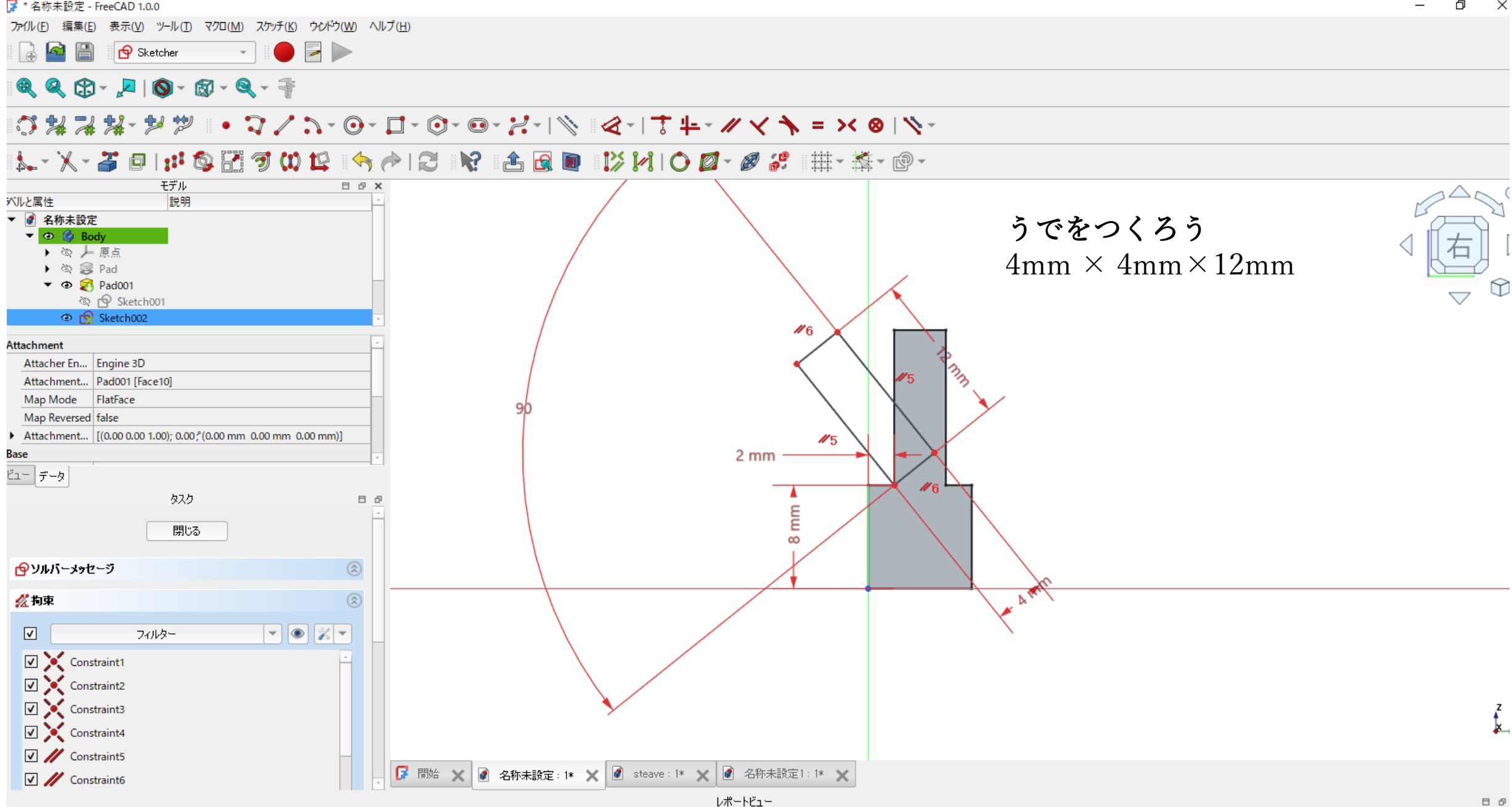
参照 (拘束) 寸法
キャンセル

17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname :g3;SKT.Edge3
17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname :g3;SKT.Edge3
17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname :g3;SKT.
17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname :g1;SKT.
17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname :g3;SKT.

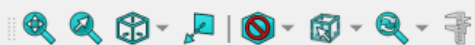
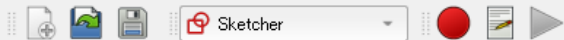




17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname ;g3,SKT.Edge3
17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname ;g3,SKT.Edge3
17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname ;g3,SKT.
17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname ;g1,SKT.
17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname ;g3,SKT.



17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname ;g3;SKT Edge3
17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname ;g3;SKT.
17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname ;g1;SKT.
17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname ;g3;SKT.
18:08:04 ViewProviderSketch: Delete: Selection not restricted to one sketch and its subelements



モデル

タプルと属性

- Body
 - 原点
 - Pad
 - Pad001
 - Sketch001
 - Pad002
 - Sketch002

Attachment

Attacher En...	Engine 3D
Attachment...	Pad001 [Face10]
Map Mode	FlatFace
Map Reversed	false
Attachment...	[(0.00 0.00 1.00); 0.00°(0.00 mm 0.00 mm 0.00 mm)]

Base

ビュー データ

タスク

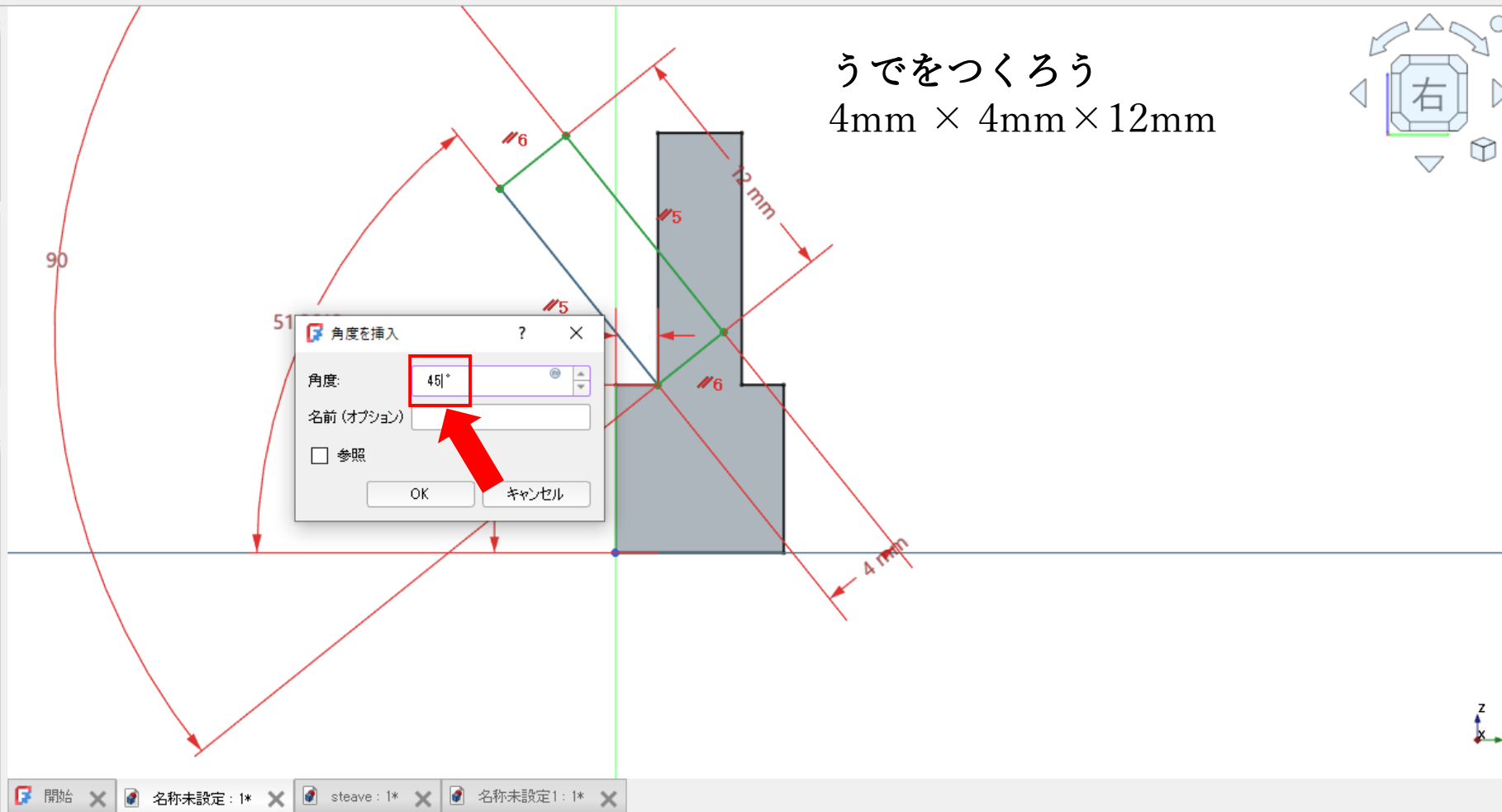
閉じる

ソルバーメッセージ

拘束

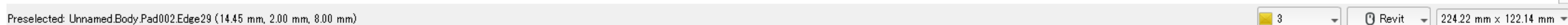
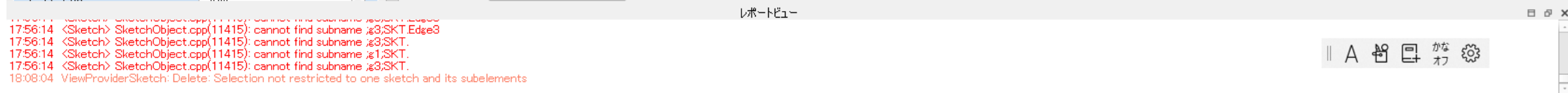
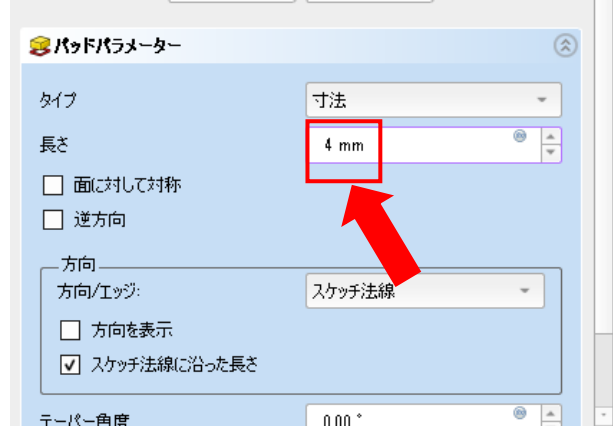
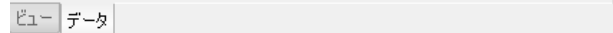
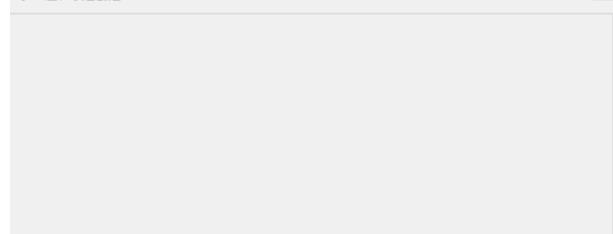
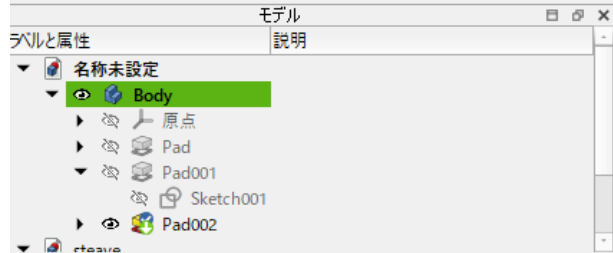
フィルター

- ☒ Constraint1
- ☒ Constraint2
- ☒ Constraint3
- ☒ Constraint4
- ☒ Constraint5
- ☒ Constraint6



17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname ;g3;SKT.Edge3
17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname ;g3;SKT.
17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname ;g1;SKT.
17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname ;g3;SKT.
18:08:04 ViewProviderSketch: Delete: Selection not restricted to one sketch and its subelements

レポートビュー



モデル

モデルと属性

説明

名称未設定

- Body
- 原点
- Pad
- Pad001
- Sketch001
- Pad002

ビュー データ

タスク

開じる

ソルバーメッセージ

拘束

- フィルター
- ☒ Constraint1
 - ☒ Constraint2
 - ☒ Constraint3
 - ☒ Constraint4

17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname ;g3;SKT.Edge3

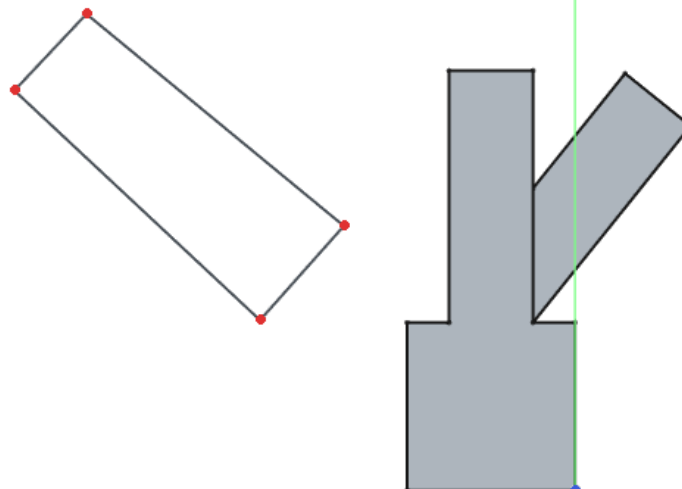
17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname ;g3;SKT.

17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname ;g1;SKT.

17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname ;g3;SKT.

18:08:04 ViewProviderSketch: Delete: Selection not restricted to one sketch and its subelements

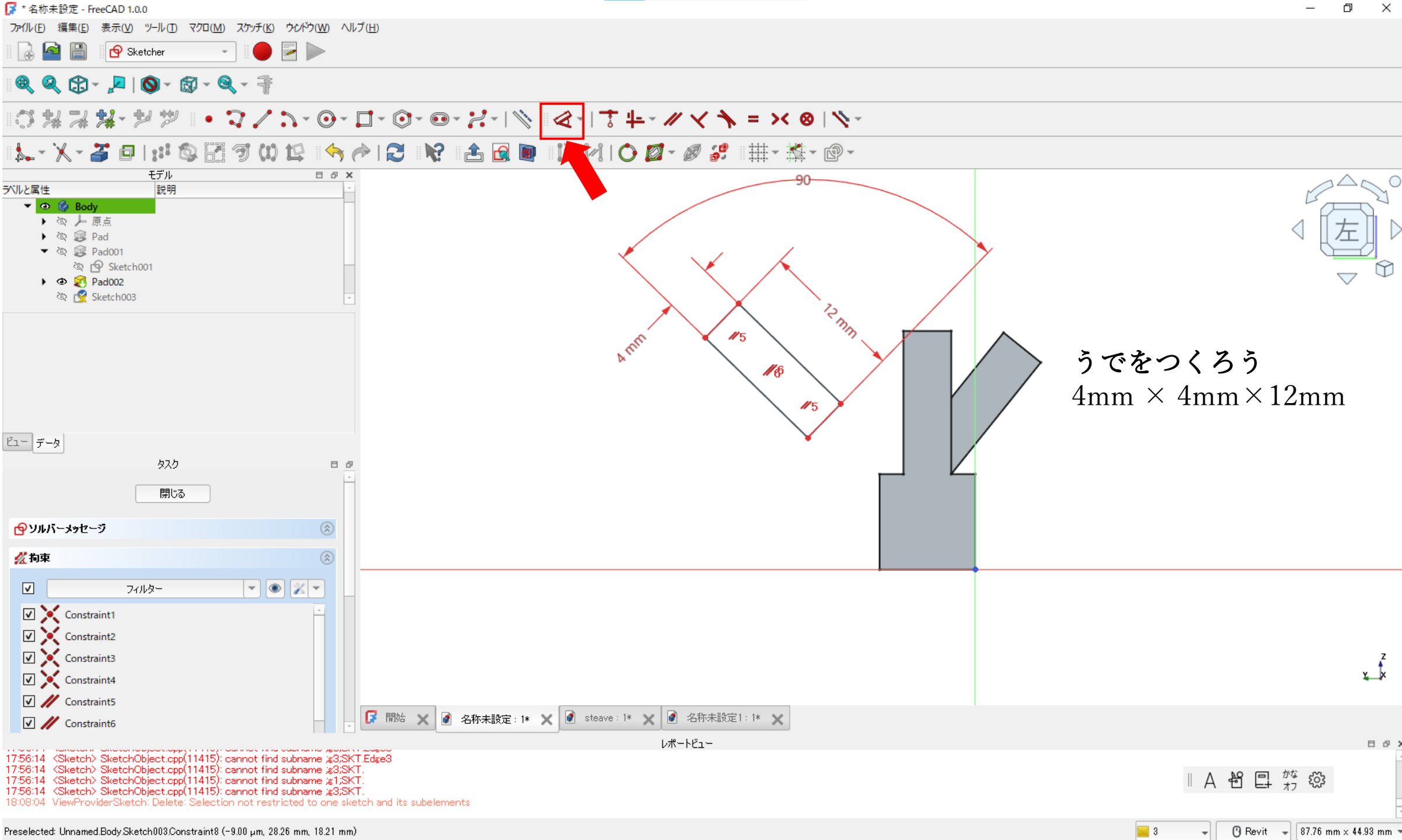
うでをつくろう
4mm × 4mm × 12mm

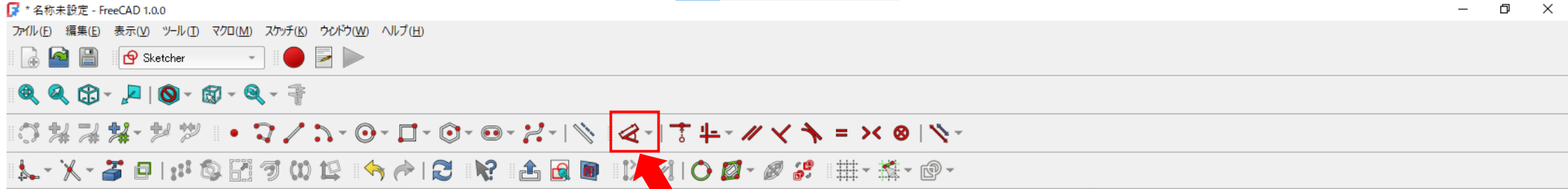


(-8.63 mm, -10.67 mm)

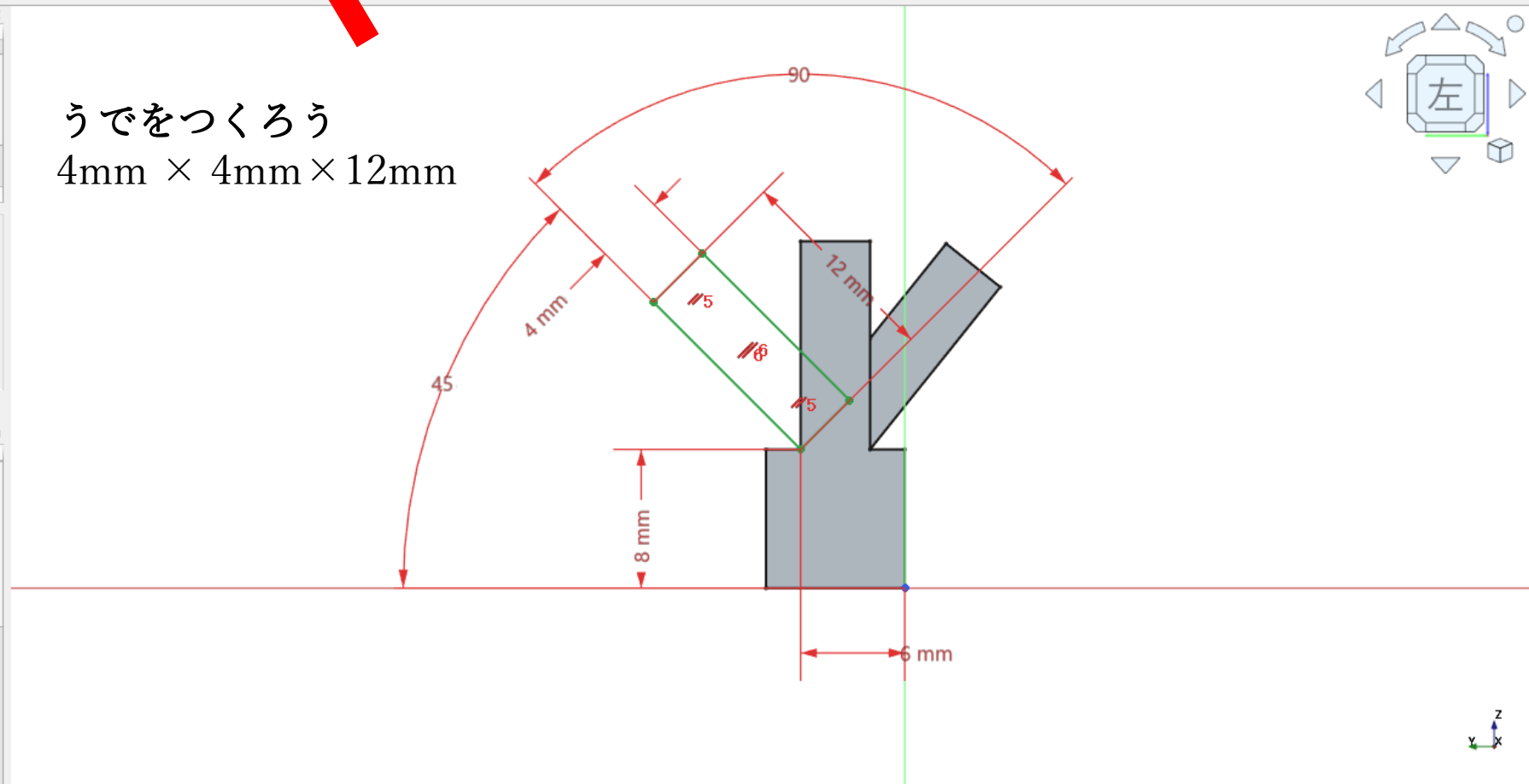
開始 名称未設定: 1* steave: 1* 名称未設定 1: 1*

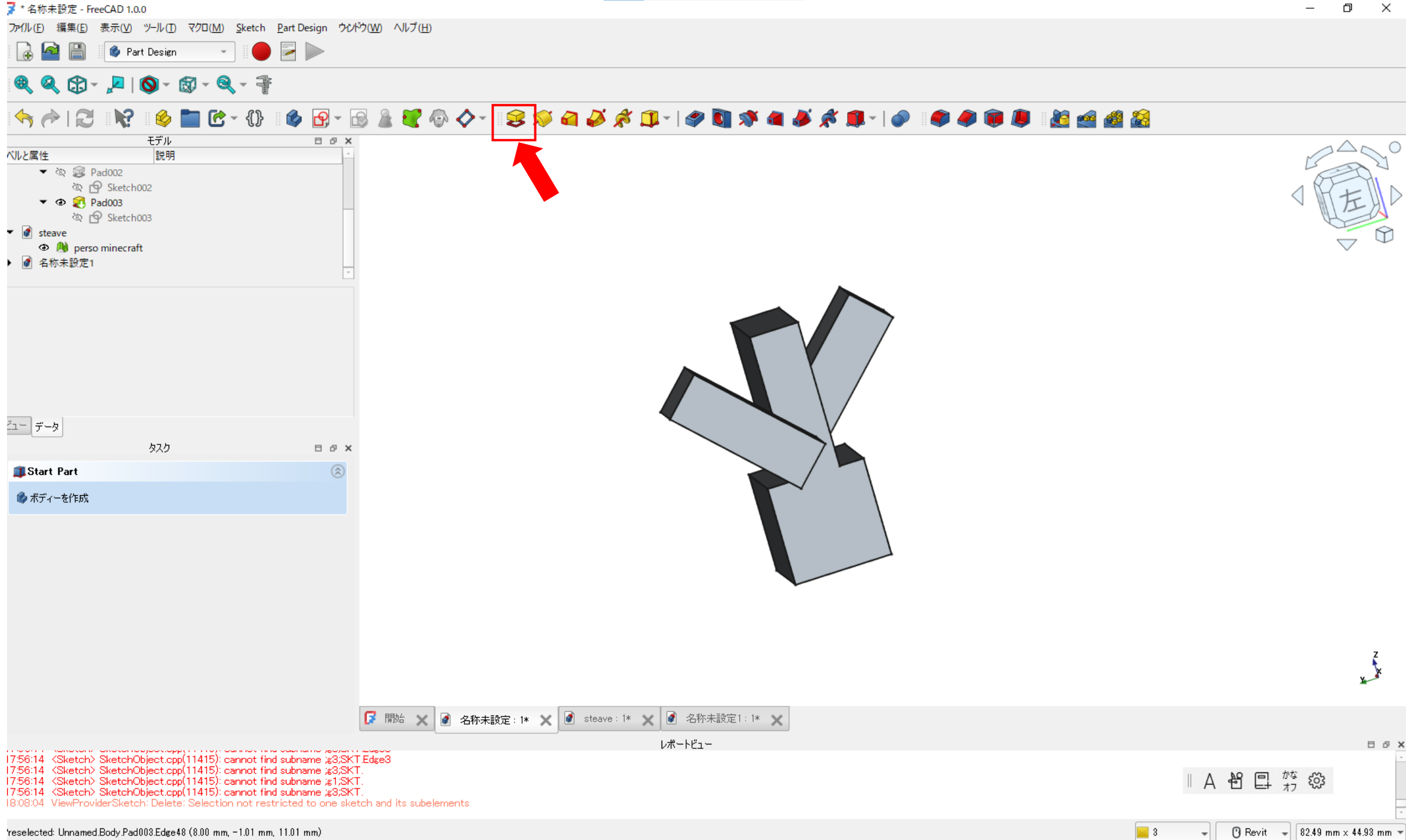
レポートビュー



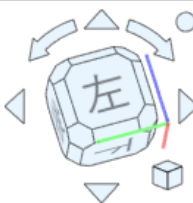
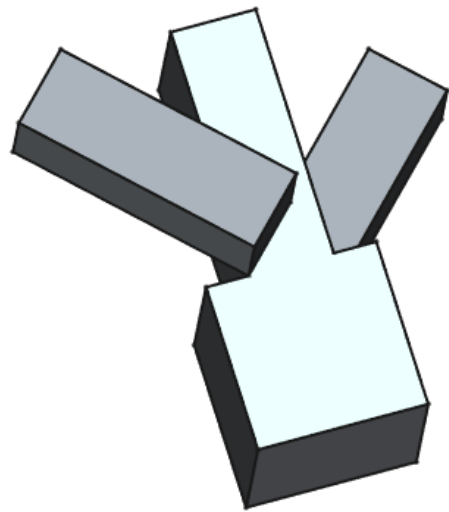


うでをつくろう
4mm × 4mm × 12mm





腕を作った手順を参考に
自分で考えて足を作ってみよう！





モデル

パルと属性

パルと属性	説明
Pad002	
Sketch002	
Pad003	
Sketch003	
Sketch004	
Pad004	
Pad005	

Attachment

Attacher En...	Engine 3D
Attachment...	Pad003 [Face2]
Map Mode	FlatFace
Map Reversed	false
Attachment...	[(0.00 0.00 1.00); 0.00°(0.00 mm 0.00 mm 0.00 mm)]

Base

Placement	[(0.58 -0.58 -0.58); 120.00°(0.00 mm 0.00 mm 0.00 mm)]
-----------	--

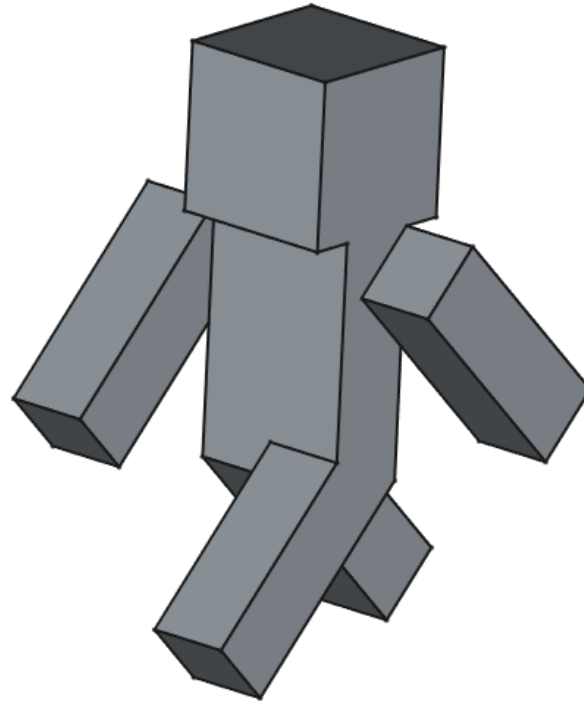
ビュー データ

タスク

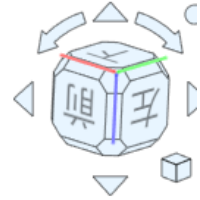
モデリングツール

- スケッチを作成
- パッド
- ポケット
- ホール
- レボリューション
- グループ
- 加算パイプ
- 減算パイプ
- 加算ロフト
- 減算ロフト
- 加算らせん
- 減算らせん

完成！



改造案
顔を作ってみよう
剣を作ってみよう



開始 × 名称未設定: 1* × steave: 1* × 名称未設定 1: 1* ×

レポートビュー

17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname :g3:SKT Edge3
17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname :g3:SKT.
17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname :g1:SKT.
17:56:14 <Sketch> SketchObject.cpp(11415): cannot find subname :g3:SKT.
18:08:04 ViewProviderSketch: Delete: Selection not restricted to one sketch and its subelements

|| A かな オフ