

# Macro Joint

## Description

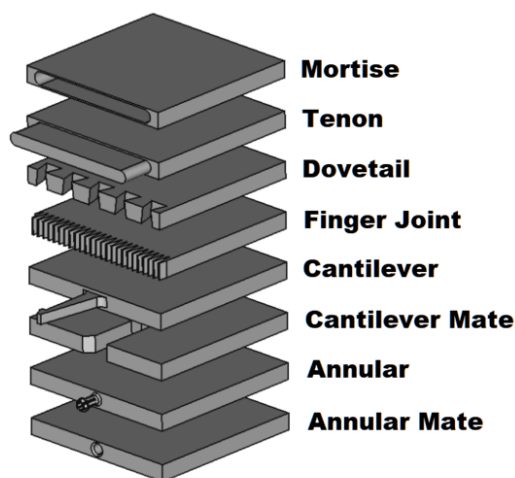
This macro is used to create joints of various types, including mortise and tenon joints, box joints, dovetail joints, finger joints (using dovetail type), and a few snap joints, including cantilever, annular, ball, and split types.

The macro works in [Part Design Workbench](#), but also with solids created in any other workbench.

Full documentation can be found on github: [Joint \(https://github.com/mwganson/joint\)](https://github.com/mwganson/joint).

## Usage

1. Select a face.
2. Run the macro.
3. The **Joint type** dialog opens.
4. Select a joint type from the dropdown list.
5. Press the  button.
6. A parametric joint object is created.
7. Optionally change the properties of the joint object.



*Macro Joint screenshot -- a few of the joint types that can be made*

## Legend

Temporary code for external macro link. Do not use this code. This code is used [exclusively](#) by [Addon Manager](#).



## Script

Macro Joint.FCMacro



### Macro Joint

#### Description

Make joints of various types, including mortise/tenon, box joints, dovetail joints, and various snap joints

Macro version: 0.2022.12.21  
Last modified: 2022-12-21  
FreeCAD version: Python 3 versions  
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Author: TheMarkster

#### Author

[TheMarkster](#)

#### Download

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#### Links

Full Documentation on Github (<https://github.com/mwganson/joint>)  
Macros recipes  
How to install macros  
How to customize toolbars

#### Macro Version

0.2022.12.21

#### Date last modified

2022-12-21

#### FreeCAD Version(s)

Python 3 versions

#### Default shortcut

None

#### See also

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**Joint.FCMacro** (<https://gist.github.com/mwganson/09d70aa11183e57b5f59>)

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