

# Servo bit datasheet



The servo bit is an output bit that rotates an output shaft between 0 and 180 degrees. For continuous 360-degree rotations refer to the motor bit.

The servo bit has a 'horn' attachment that allows the output shaft to be attached to cardboard. Use stencil guide (B) for the horn attachment.

Use in ports	Stencil guide	Bit type	Block category
0 - 7	⑧	Output	Motion

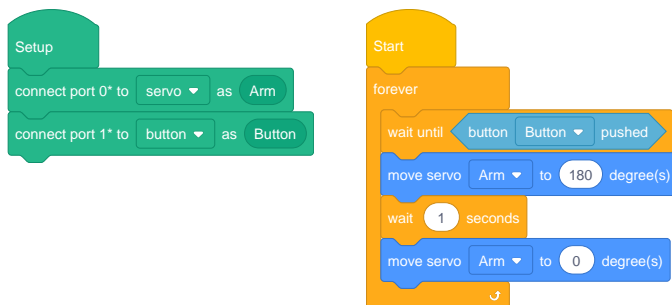
## Programming blocks

move servo - to 90 degree(s)

release -

## Example program

This example program will wait until the button is pressed, then move the servo to the 180-degree position, hold there for one second and move back to the 0-degree position.



## In the real world

Servos are used in real world inventions to make precise movements. Servos are commonly used in robotics to make movements, but servos are also used in clever ways to make life easier and safer. Security cameras that are mounted up high often use servos to allow them to be adjusted remotely.

