

## Totem Spider™

Totem Spider™ is one of the alien robots Binary found on Planet Totem. With a brand new BinaryBots sensor board and awesome web, bring the spider alive with code today!



## What's in the box



- All the pieces required to construct the Totem Spider™
- Instruction Book
- Unique spider web with motor etc.
- BBC micro:bit power & interface board
- Powerful BinaryBots sensor board
- Totem screwdriver
- Doesn't come with a BBC micro:bit Sold separately

## Includes the powerful BinaryBots sensor board

This kit includes one of the latest innovations from BinaryBots - the BinaryBots Totem Sensor board. Bring your robot to life and code it to respond with real instincts - poke your robot to make it mad and stroke it to calm down. Code responses according to real world actions

- Has 2 unique capacitive touch sensor strips for poke and stroke interface
- 4 addressable multi-colour LEDs
- Light sensor and buzzer
- Vibramotor for haptic feedback





## The AWESOME Totem Mechanics

Totem Mechanics allow for some incredible innovations - strong, easy to use and adaptable from simple to very complex structures

- Makes sturdy structures.
- Tailor made for building electronics and mechanics together
- While building it is easy to expand the structure – beams or boards are easily attached using wide range of brackets, that make 45 or 90 corners to any direction
- Screwdriver has super strong magnetic grip - bolt firmly stays on even when shaking it
- Nuts stay in structure; they do not fall out before fastened

- Extra grab bags allow for any innovation

**C-bracket**

<b>Cut</b>  2x 50 mm	 1x	 2x	<b>1:1</b>  M3x6 2x
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**Tip**

2-hole 90 bracket can also be used for this type of connection 