# Aluminum Beam - 6.16" (pair)

ROB-12198

DESCRIPTION FEATURES DOCUMENTS

These aluminum beams are great for making unique links and connections in your Actobotics project thanks to 17 through-holes running its length and are sold in packs of two. Each beam has a length of 6.16", a width of 0.375", a thickness of 0.25", and utilize the 0.77" hub pattern.

Actobotics is a robotics building system based around extruded aluminum channels, gears, precision shafts, and ball bearings. Thanks to the two standardized hole patterns, nearly all Actobotics components can be intuitively connected together. The wide range of components makes building complex electromechanical prototypes or finished projects a reality.

**Note:** The length of these beams is calculated from the center of each through-hole at opposite ends, the over-all length is 6.535".

## Tags

ACTOBOTICS

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## Aluminum Beam - 6.16" (pair) Product Help and Resources

SKILLS NEEDED

### Core Skill: Robotics

This skill concerns mechanical and robotics knowledge. You may need to know how mechanical parts interact, how motors work, or how to use motor drivers and controllers.

**Skill Level: Noob** - You will be required to put together a robotics kit. Necessary parts are included and steps will be easy to follow. You also might encounter basic robotics components like bearings, mounts, or other hardware and need a general idea of how it goes together.
See all skill levels

### Core Skill: DIY

Whether it's for assembling a kit, hacking an enclosure, or creating your own parts; the DIY skill is all about knowing how to use tools and the techniques associated with them.

**Skill Level: Noob** - Basic assembly is required. You may need to provide your own basic tools like a screwdriver, hammer or scissors. Power tools or custom parts are not required. Instructions will be included and easy to follow. Sewing may be required, but only with included patterns.
See all skill levels

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In 2003, CU student Nate Seidle blew a power supply in his dorm room and, in lieu of a way to order easy replacements, decided to start his own company. Since then, SparkFun has been committed to sustainably helping our world achieve electronics literacy from our headquarters in Boulder, Colorado.

No matter your vision, SparkFun's products and resources are designed to make the world of electronics more accessible. In addition to over 2,000 open source components and widgets, SparkFun offers curriculum, training and online tutorials designed to help demystify the wonderful world of embedded electronics. We're here to help you start something.

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