

5 3D

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.

Tags

ACTOBOTICS

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3D Download: STL, IGES, STEP, Blender

Tube Clamp Hub - 1/2" Bore Product Help and Resources

## 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



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

COMMENTS 0 REVIEWS ★ ★ ★ ☆ 1

## **Customer Reviews**

## ★ ★ ★ ☆ 4 out of 5

Based on 1 ratings: 4 star 3 star

★★★☆ works well

Currently viewing all customer reviews

about 2 years ago by Member #451823 ✓ verified purchaser

I am using it to secure a solid  $\frac{1}{2}$ 's shaft and it works quite well. If space allows, I prefer this clamp over the  $\frac{1}{2}$ 's thick tube clamp with  $\frac{1}{2}$ 's bore. Sometimes, other parts interfere with screwing in both clamping fasteners.

START SOMETHING 

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

No matter your vision, SparkFun's products and resources are designed to make the world of electronics more accessible. In addition to ove 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

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