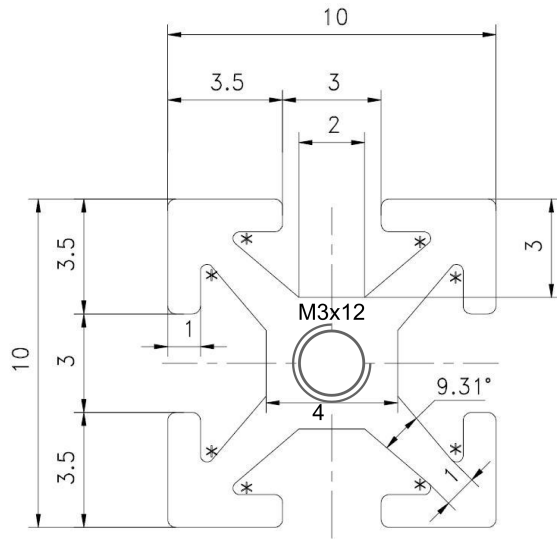
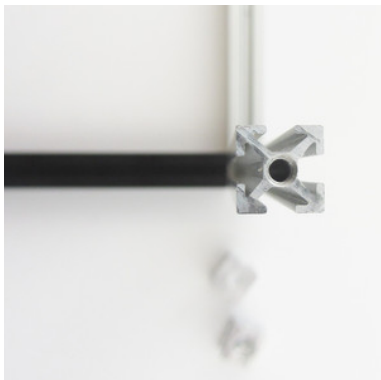


T-Slot Profile Specifications

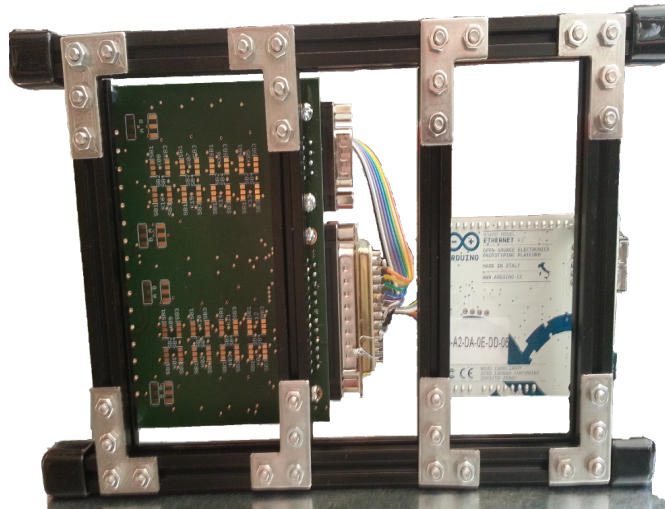


- Dimensions:** 10x10mm width and height, various lengths (max. 1500mm)
- Weight:** 0,136 gram per mm
- Material:** Aluminium, v2.0 6063-T5, black or clear anodised
- Size of nuts & bolts:** various M3 bolts
- Material nuts & bolts:** stainless steel
- Brackets:** different angles (45°, 60°, 90°)
- Bracket material:** corner cubes (Aluminium) stainless steel



The MakerBeam Product Range

- Beams: clear and black anodised
- Bearings, hinges, corner cubes
- NEMA17 & servo brackets
- Bolts: M3x6, M3x12, M3x25
- Wing type bolts, T-slot nuts, spacers
- and more...



Distributor in Germany

Visit:

<http://www.makerbeam.de>

for a complete range of available products.

chartup.com supplies MakerBeam elements and modules which make complex machine building easier and more effective.



System Engineering GmbH

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MakerBeam

Mini-T Aluminium Beams

Endless Building Possibilities
in Miniature Size

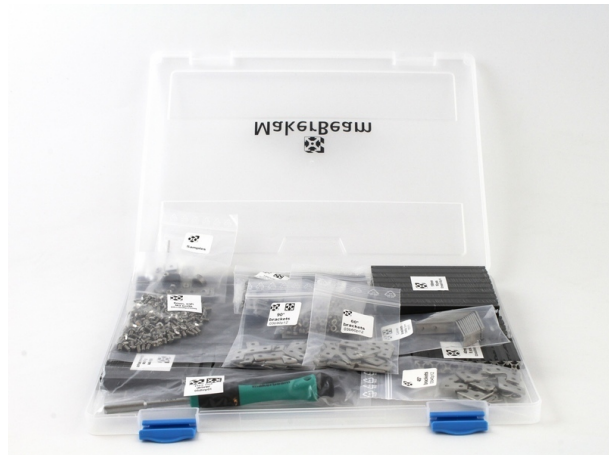


<http://www.makerbeam.de>

Miniature Size T-Slot Profiles

MakerBeam adopted T-slot technology to offer you precision components for endless building possibilities in miniature size. This means 10mmx10mm profiles. The beams are made of aluminium. Making it the smallest and strongest T-slot system that is compatible with standard components. fischertechnik for example is 15x15mm and made of nylon. Everyone else is larger still, starting at 20mm.

MakerBeam Starter Kit (black or clean anodized)



Beams:

300mm	(4x)
200mm	(8x)
150mm	(6x)
100mm	(16x)
60mm	(8x)
40mm	(8x)

new: M3 threaded holes on all end faces

Brackets:

90degree	(12x)
60degree	(12x)
45degree	(12x)
90deg. corner	(12x)
90degree big	(12x)

Tools: Hex nut driver

Bolts & Nuts:

nuts	(M3, 250pcs)
bolts	(M3x6, 250pcs square headed)

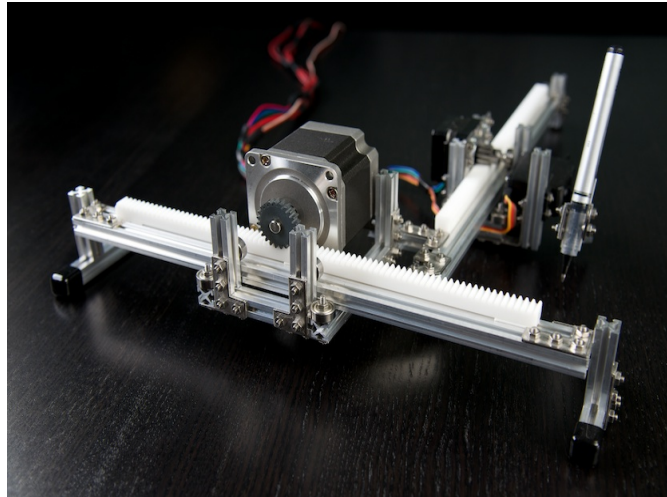


“Premium” Variant:

incl. versatile storage box, corner cubes (12x)

Professional Prototyping

T-slot is a popular technology widely used for industrial automation and machine enclosures. The compatible elements simplify machine building and give you enormous flexibility.

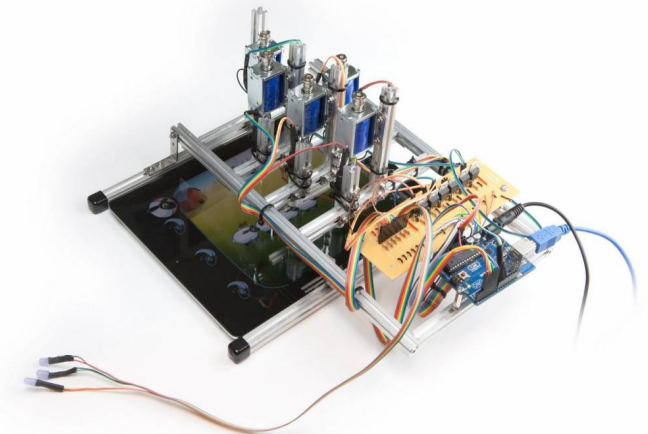


The MakerBeam system offers precise and strong miniature T-slot profiles to build robots and small machines. A wide variety of structural designs for machine and robotic frames is possible. The Mini-T technology gives you the freedom to both integrate mechanical and electronic components.

Prototyping also becomes easier using MakerBeam. No more improvised structures when you want to integrate various components into one machine. A wide variety of structural designs for machine frames and factory equipment is possible.

MakerBeam uses standard elements like M3 nuts and bolts. The design is tweaked to allow circuit boards to slot right into the sides. Stand-offs can bolt directly to the beams as well as motor mounts. You can mount servos with the use of brackets. There are no fixed positions for mounting giving you endless possibilities. Build a fire-breathing robot dinosaur, a miniature CNC machine or that perfect enclosure to hold the circuitry for your custom electronics project.

Without engagement - subject to change without notice.
Edition MB_EN_2018-09-10



Advantages

- Compatible Components available
- Shorter design and assembly times.
- All elements can be combined.
- Threaded M3 connections make for safe and easy assembly and dismantling.
- All elements can be reused. No welding is needed.
- Low weight structure with high loading capacity.
- Aluminium profiles provide attractive design.
- Black anodised beams can be useful in photography.

