← Trikka

Trikka Parts 1

Here are Trikka parts we made/posted.

KONTAKT
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All images and descriptions by Lara Zimmermann of Mifactori, CC-BY 4.0

01 flexible ball ~200-250mm

DESIGN UNDER CC4
Open Circularity

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Part Info

- What is it: A flexible ball
- Material: Invisible (for example vinyl)
- Measures: It is inflatable therefore the size can be adjusted. 200-250mm might center the range

Tolerance

- Size: standard tolerance
- Material: standard tolerance

Get the part

- Buy: You can get these balls basically everywhere online and offline
- Make: No instructions available

Introduced by

- Lara Zimmermann
- Open: I bought this part off the shelf. It might be prior art but I don't guarantee this.

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Update: It was added to the official Trikka parts catalog as part 011.1

02 Wire ~500mm

Part Info

- What is it: Wire
- Material: Invisible
- Measures: ~500mm long, 2mm thick

Tolerance

- Size: standard tolerance
- Material: standard tolerance

Get the part

- Buy: This is an off the shelf part. You can get wire like this in many different forms in every hardware store - online and offline. Sometimes you can get some wires with nice plastic or rubber covering.
- Make: No instructions available. But here is a tip: get some 2mm wire and then some plastic or silicone tubes to cover it up nicely.

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Update: It was added to the official Trooprjd parts catalog as part 006.1

03 Rock "Large Fist"

Part Info

- What is it: A rock
- Material: Stiff, heavy
- Measures: flexible, somewhere around the size of a male fist. ~10 to 120mm

Tolerance

- Size: standard tolerance
- Material: standard tolerance

Get the part

- Buy: If you search hard you'll probably find a source to buy this from. But it is probably way easier if you just pick one up you like at the beach or somewhere else.
- Make: No instructions available

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Update: It was added to the official Trooprjd parts catalog as part 007.1

04 Pipe big 300mm

Part info

- Offset: 0 Jahr
- Measures: 300mm high, inner ø 112mm
- Material: strong
- Holes: 2 holes ø 36mm in the center across from each other

Tolerance

- Size: Standard tolerance, except the diameter. This part connects exactly to a couple of other parts (011.1 Ca., dubs 003.4, 003.2)
- Material: Standard tolerance, but it should be pretty strong so it works for sitting and stacking.

Get the part

- Buy: Only on local make
- Make: This part is very easy to make! Our prototypes were made from standard 3D-Pipe shaped PVC from pipes Ordnung. You can cut these pipes with a metal saw and drill it like wood. Can you think of another way?

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Update: This part was added to the Trikka parts catalog as part number 004.1

05 seat large 270mm (Ringbein)

Part info

- a disk
- Measures: ø ~270 mm, thickness ~16 mm
- Material: strong
- Holes: One hole in the center ø 18mm

Tolerance

- Size: Standard tolerance
- Material: Standard tolerance

Get the part

- Buy: Only on local make.
- Make: No instructions available.

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Update: This part was added to the Trikka parts catalog as part number 005.1

06 Lid 152mm

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Part info

- A lid, self fixing
- material: strong or flexible
- measures: inner diameter 152mm, outer diameter > 168mm
- holes: none

Tolerance

- Size: the inner diameter should be 152mm as this lid is supposed to work in combination with the tube pieces 011_v2.1 and 012, the outer diameter and height is within standard tolerance (see some version also in the mode section)
- Material: standard tolerance as long as it works as a lid meaning it applies some pressure to the tube so the lid can stay in place.

Get the part

- Buy: Only at local make, but if you are lucky you can find a working lid in the market. We discovered that the lid of "Tefal/Rowenta steamachine kettle" fits and sits well.
- Make: You can easily 3D print this part! We share 4 different STL files for it under TPP 1.0: Download here.

Probably the best one.

Download STL files

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- Designer: Lars Zimmermann & Max Coppers
- Open: Shared under TPP 1.0.

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Update: This part was added to the Tribka parts catalog as part number 010.1

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07 clock disk 152mm

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Part info

- A disk with 12 holes
- material: strong
- measures: ø 152mm, thickness: 15mm
- holes: 12 holes of 15mm. The distance between the neighbour holes in the outer ring follows the Tribka grid of 30mm.

Tolerance

- Size: The ø of 152 is important because the disk is supposed to fit tightly into the tube pieces 011_v2.1 and 016.1. The thickness is within the standard tolerance.
- Material: standard tolerance

Get the part

- Buy: Only on local make
- Make: You can make this with your hands or laser cut it. We'll share laser cutter ready file for it. Download here.

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Update: This part was added to the Tribka parts catalog as part number 010.2

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08 spacer 40mm

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Part info

- A tube
- material: strong
- measures: height = 40 mm, ø = 35 mm - but the piece doesn't necessarily needs to be round
- holes: one center hole ø 16 mm

Tolerance

- Size: standard tolerance
- Material: standard tolerance

Get the part

- Buy: Only on local make.
- Make: No instructions available.

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- Designer: Lars Zimmermann
- Original post: original part backup.pdf
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Update: This part was added to the Tribka parts catalog as part number 006.1

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09 M6 washer

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Part info

- What Off the shelf M6 washer
- material: strong
- measures: ø ~20mm

Tolerance

- Size: standard tolerance
- Material: standard tolerance

Get the part

- Buy: Readily available in stores, search for: "M6 washer"
- Make: No instructions available.

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- Open: Price or (most likely)

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Update: This part was added to the Tribka parts catalog as part number 007.1

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10 M6 bolt ~70mm

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Part info

- What Off the shelf M6 bolt
- material: strong
- measures: ~70mm long

Tolerance

- Size: standard tolerance
- Material: standard tolerance

Get the part

- Buy: Readily available in stores, search for: "M6 bolt"
- Make: No instructions available.

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Update: This part was added to the Tribka parts catalog as part number 008.1

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11 M6 wingnut

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Part info

- What Off the shelf M6 wingnut
- material: strong

Tolerance

- Size: standard tolerance
- Material: standard tolerance

Get the part

- Buy: Readily available in stores, search for: "M6 wing nut"
- Make: No instructions available.

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Update: This part was added to the Tribka parts catalog as part number 009.1

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12 ring (for Ringbein)

Part info

- What: Off the shelf ring
- material: strong
- measures: inner ø 30 mm, outer ø ~46 mm

Tolerance

- Size: the inner diameter should is fixed to 30 mm, the outer diameter is flexible within the standard tolerance
- Material: standard tolerance

Get the part

- Buy: Readily available in stores, search for "wooden ring 30mm" or "ring 30 mm", Also available as local stocks.
- Make: No instructions available.

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- Open: Pitaw art (most likely)

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Update: This part was added to the Tribka parts catalog as part number 002.1

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13 rod 390mm

Part info

- What: Off the shelf rod
- material: strong
- measures: ø 10 mm, length ~ 390 mm

Tolerance

- Size: the diameter is fixed to 10mm, the length is flexible within the standard tolerance
- Material: standard tolerance

Get the part

- Buy: Readily available in stores, search for "rod 10mm" or something similar. (Also available as local stocks.
- Make: Just drag a rod and cut it to the correct length.

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- Open: Pitaw art (most likely)

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Update: This part was added to the Tribka parts catalog as part number 002.2

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14 tube ø 152 mm, 90 mm

Part info

- A short pipe
- material: strong
- measures: height ~ 90mm, inner diameter 152 mm
- holes: 2 holes ø 34 mm across from each other, 2 holes ø 16mm across from each other and in 90 to the center of the the larger holes. The center of the holes are in the center of the part height.

Tolerance

- Size: the inner diameter is fixed to 152 mm, all the is flexible within the standard tolerance
- Material: standard tolerance

Get the part

- Buy: Only on local stocks.
- Make: This part is very easy to make! Our prototypes were made from standard off the shelf PVC drain pipes (110mm). You can cut these pipes with a metal saw and drill it like wood. But maybe you can think of another way.

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Update: This part was added to the Tribka parts catalog as part number 003.1

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15 half pipe half

Part info

- Half pipe
- material: strong
- measures: ø 152mm, height ~ 90 mm
- holes: 9 holes ø 10mm in Tribka grid (see a step file TBA). to figure out the distance from center to select. The holes is the center are in the center of the pipe as well, facing W' downwards when the part stays on "In Size".

Tolerance

- Size: standard tolerance
- Material: standard tolerance

Get the part

- Buy: Only on local stocks.
- Make: This part is very easy to make! Our prototypes were made from standard off the shelf PVC drain pipes (110mm). You can cut these pipes with a metal saw and drill it like wood. But maybe you can think of another way!

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Update: This part was added to the Tribka parts catalog as part number 003.2

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16 Thread insert M10

- Size: standard tolerance
- Material: standard tolerance

Get the part

- Buy: Readily available in stores. Usually as 2 different parts: a E14 bulb holder and cable (with or without switch). Try to get a bulb holder that allows to get the cable out again (no click but screw). You can combine this part also with 084.1 and 085.1. Here is a video about the assembly.
- Make: No instructions available.

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Update: This part was added to the Trikka parts catalog as part number 010.1

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19 pipe 60mm ⌀152mm

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Part info

- A pipe
- material: strong
- measures: inner ⌀ 152mm, height ~60mm, thickness: ~16mm
- holes: 1 hole, center of ring, ⌀ 10mm

Tolerance

- Size: the inner diameter is fixe to 152mm. All the rest is flexible within the standard tolerance.
- Material: standard tolerance

Get the part

- Buy: Only as local make.
- Make: This part is very easy to make! Our prototypes were made from standard off the shelf PVC drain pipes (160mm). You can cut these pipes with a metal saw and drill it like wood.

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Update: This part was added to the Trikka parts catalog as part number 048.1

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20 name

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← VORHER
The Globe

NÄCHSTES →
Felix the stool

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