



Aluminium Standoffs M2

User Manual

Pack of 10 · lengths 14 mm, 20 mm and 28 mm



Contains small parts. Keep out of the reach of children.

www.rotorama.com

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1. Product description

1.1 Intended use

The M2 aluminium standoffs are black spacer posts with a round profile and an M2 thread. They are used on FPV drone and model frames – they connect the top and bottom frame plates or other parts and keep a fixed distance between them.

The standoffs come in packs of 10 in lengths of 14 mm, 20 mm and 28 mm. They are suitable as replacements for damaged or lost standoffs as well as for building a new frame.



M2 aluminium standoffs (illustrative photo)

1.2 Specifications and package contents

Product designation	Hliníkové sloupky M2 10ks (Aluminium Standoffs M2, 10 pcs)
Variants (length)	14 mm, 20 mm, 28 mm
Material	aluminium
Colour	black
Profile	round
Thread	M2
Outer diameter	4 mm
Package contents	10× standoff (of one selected length)
Not included	M2 screws, nuts, washers, tools, frame

2. Use

2.1 Choosing the length

The length of the standoff determines the distance between the connected frame plates. Choose the length specified by the manufacturer of your frame, or the same length as the original standoffs. Use standoffs of the same length within one frame; otherwise the top plate will not sit level and the resulting stress may damage the frame and the electronics.

2.2 Installation

- ① Disconnect the battery from the drone and remove the propellers.
- ② Loosen the screws of the original standoff and remove the standoff.
- ③ Place the new standoff between the frame plates so that its holes line up with the holes in the plates.
- ④ First drive the M2 screws (not included) only loosely into all standoffs so that the plates can still be aligned.
- ⑤ Then tighten the screws gradually in a crosswise pattern. Tighten with care – an M2 thread in aluminium strips easily if excessive force is applied.
- ⑥ Check that the top plate does not wobble and that no standoff has any play.
 - Use screws of a length that, once tightened, neither bottom out at the end of the thread nor meet the screw from the other side inside the standoff.
 - To prevent loosening due to vibration, you can apply a small drop of medium-strength threadlocker to the screw thread. Do not use high-strength threadlocker – the screw could not be removed later without damaging the standoff.

2.3 Inspection, safety and storage

- The standoffs are small parts that a child could inhale or swallow. Keep them out of the reach of children.
- Inspect the standoffs after every crash. Replace any bent, cracked or otherwise damaged standoff and any standoff with a stripped thread – do not straighten it.
- Check that the screws are tight during routine maintenance. Loose standoffs increase frame vibration and may come loose in flight.
- Store unused standoffs in a dry place, in the original bag or box, so that they do not get lost.

3. Information for the EU and Czech Market

The information in this chapter and in Chapter 4 describes the situation under the law of the European Union and the Czech Republic. If you use the product in another country, the regulations of the country in which you use it are decisive.

3.1 Importer and responsible person in the EU

The product is placed on the European Union market by the importer stated below, who is at the same time the responsible person within the meaning of Article 16 of Regulation (EU) 2023/988 of the European Parliament and of the Council on general product safety (GPSR).

Importer / responsible person in the EU	Rotorama, s.r.o.
Company ID (IČO)	051 57 692
VAT ID (DIČ)	CZ05157692
Registered office	Okrajová 1351, 674 01 Třebíč, Czech Republic
E-mail	info@rotorاما.cz
Phone	+420 252 252 098
Website	www.rotorاما.com

3.2 Disposal

- The product is not electrical equipment and contains no batteries or accumulators.
- The standoffs are made of aluminium, which can be recycled. Take unneeded or damaged standoffs to a scrap metal collection point, for example your municipal collection yard.
- Sort the packaging by material into the appropriate recycling containers.

4. Warranty and rights arising from defective performance

The rights and obligations of the contracting parties are governed by Czech law, in particular by Act No. 89/2012 Coll., the Civil Code, and Act No. 634/1992 Coll., on consumer protection.

- The seller is liable to the buyer for the product being free of defects on receipt. If the buyer is a consumer, a defect may be notified **within two years of receipt** of the product (Section 2165 of the Civil Code).
- If a defect appears within **one year** of receipt, the product is deemed to have been defective already at the time of receipt (Section 2161(5) of the Civil Code).
- When purchasing online, a consumer has the right to **withdraw from the contract within 14 days** of receiving the goods without giving a reason (Section 1829 of the Civil Code).
- Claims should be made with the retailer from whom you purchased the product. The importer's contact details are given in Chapter 3.1.
- The competent body for out-of-court settlement of consumer disputes is the **Czech Trade Inspection Authority**, Štěpánská 796/44, 110 00 Prague 1, www.coi.cz.