M3 aluminium washers

Conical washers for M3 screws (10 pcs)
User manual



Read this manual before use. Keep out of the reach of children – contains small parts.

Rotorama, s.r.o. · www.rotorama.com

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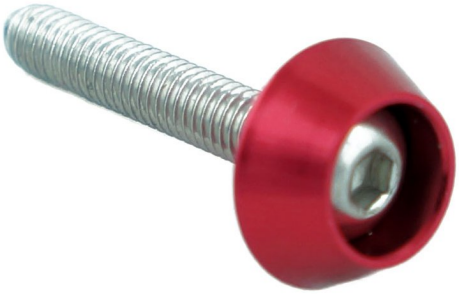
1. Product description

1.1 What it is for

The M3 aluminium washers are conical washers for M3 screws. The screw head sits in the recess on the wider side of the washer, and the narrower contact face of the washer, which is larger than the screw head itself, spreads the clamping force of the screw over a larger area of the part being fastened.

The washers are particularly useful when mounting 3D-printed parts, such as an HD camera mount. Thanks to the larger contact area, the screw does not sink deep into the soft print and the part holds better.



Washer fitted on an M3 screw (screw not included)

1.2 Technical data and package contents

Parameter	Value
Product designation	M3 aluminium washers (10 pcs)
Colour	red
Material	aluminium
Intended for	M3 screws
Height	3.5 mm
Outer diameter – wider side	9.6 mm
Outer diameter – narrower side	9 mm
Screw head recess diameter	5.7 mm
Package contents	10× washer

※ Screws, nuts and tools are not included. The screw shown in the photos is for illustration only.

2. Use

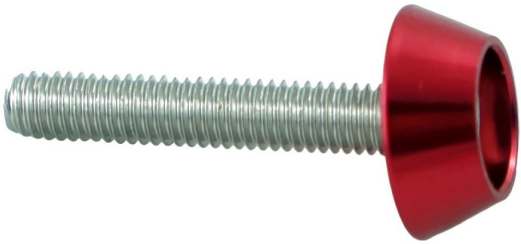
2.1 Installation

① Fit the washer onto the M3 screw so that the screw head sits in the recess on the wider side of the washer. The narrower side of the washer faces the part being fastened (see figure). The recess has a diameter of 5.7 mm – the screw head must fit into it freely.

② Make sure the screw is long enough – the washer increases the height of the joint, so the screw must still engage securely in the thread or nut with the washer fitted.

③ Drive the screw in with a suitable key and tighten it with care. With 3D-printed parts, do not overtighten the screw to avoid deforming or cracking the print.

④ After the first use of the model, check that the screw has not loosened and retighten it slightly if necessary.



Correct orientation: screw head in the recess on the wider side, narrower side towards the part

2.2 Safety notes and care

- The washers are small parts – keep them out of the reach of children, there is a risk of inhalation or swallowing.
- The washer does not increase the strength of the screw itself or of the thread. For load-bearing joints, use screws of appropriate length and strength.
- Do not continue to use a damaged, deformed or cracked washer; replace it.
- Store the washers in a dry place, in the original packaging or in a box for fasteners.

3. Information for the EU and Czech Market

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@rotorama.cz
Phone	+420 252 252 098
Website	www.rotorama.com

3.2 Disposal

- The product contains no electronics or batteries and is not subject to the take-back of electrical equipment.
- Hand in unwanted aluminium washers as metal waste at a collection yard or scrap metal dealer; do not dispose of them in mixed municipal waste.
- Sort the packaging by material into the appropriate container for separated waste.

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.