M1.4 Screws

M1.4 × 3 mm metric screws with Phillips head (10 pcs)
User manual



Small parts – risk of inhalation or swallowing. Keep out of reach of children.

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1. Product description

1.1 Intended use

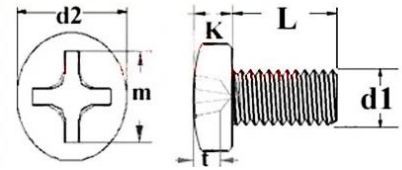
The package contains ten screws with a **metric M1.4 thread**, a length of **3 mm** and a **Phillips (cross) recess** in a pan head. The screws are made of stainless steel.

The screws are intended primarily for **mounting motors on Tinywhoop-type drones** and other small builds that use motors with M1.4 threaded mounting holes. They are suitable as a replacement for lost or damaged screws.



M1.4 × 3 mm screws

1.2 Technical data and package contents



Screw dimensions (values in the table)

Product designation	M1.4 metric screws (10 pcs), size 3 mm
Screw type	pan head, Phillips recess
Thread (d1)	M1.4 metric, pitch 0.3 mm, tolerance 6g
Shank length (L)	3 mm
Head	diameter (d2) 2.5 mm, height (k) 0.8 mm
Recess	Phillips size 0 (PH0); width (m) 1.6 mm, depth (t) 0.7 mm
Material	stainless steel SUS 304, class A2-70, polished finish
Package contents	10 × M1.4 × 3 mm screw Not included: screwdriver, motors, nuts or washers

2. Use

2.1 Installation

The M1.4 screw fastens the motor to the frame or motor mount: the screw passes through the hole in the frame and is screwed into the thread in the motor base.

① Before any work on the motors, **disconnect the battery** from the drone.

② **Check the screw length.** The thickness of the frame (mount) plus the thread depth in the motor base must match the 3 mm shank length. Once tightened, the screw must not reach into the windings or touch the motor bearing – damaged winding insulation can cause a short circuit and destroy the motor or the electronic speed controller (ESC).

③ Use a **PH0 Phillips screwdriver**. Hold it perpendicular and insert the whole tip into the recess; an unsuitable or worn screwdriver easily damages the recess.

④ First lightly screw in all screws, then **tighten them gently in a crosswise pattern**. The M1.4 thread is very fine – excessive force will strip the thread in the motor base or snap the screw.

⑤ After installation, turn the motor bell by hand – it must rotate freely without rubbing. Then perform a **motor test without propellers**.

※ Do not use a threadlocker that is not expressly intended for plastics on plastic frames and parts – it can damage the plastic (cracking).

2.2 Safety, inspection and storage

- The screws are **small parts** – inhaling or swallowing them may cause choking. Keep them out of reach of children and pets.
- After a crash and regularly during maintenance, check that the motor screws are tight. A loose motor causes vibration and unstable flight.
- Replace a screw with a stripped recess or damaged thread with a new one.
- Store unused screws in a closed bag or box so that they do not get lost.

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 screws are made of stainless steel. Hand over unneeded or damaged screws to **metal recycling** (e.g. at a municipal collection yard).
- The product is not electrical equipment; take-back of electrical equipment does not apply to it.
- Sort the packaging according to its material.
- When disposing of the product, follow the regulations of the municipality and country in which you use it.

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.