Pushrod connector

Threaded pushrod connector (10 pcs)
User manual



Small parts – keep out of the reach of children. This product is not a toy.

www.rotorama.com

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1. Product description

1.1 What it is for

The threaded connector is used to attach a pushrod to a servo arm of an RC model quickly and easily. The connector has a pin with an M2 thread, which is fixed into a hole in the servo arm. The pushrod is passed through the cross hole in the connector body and secured with an M3 locking screw.

Compared with a bent pushrod end, the connector has the advantage that the pushrod length, and thus the neutral position of the control surface, can be fine-tuned at any time simply by loosening and retightening the locking screw – without bending the wire. The package contains 10 connectors.



Connectors with locking screws and nuts (illustrative photo)

1.2 Specifications and package contents

Product designation	Threaded pushrod connector (10 pcs)
Pin thread for mounting to the arm	M2
Pushrod locking screw	M3
Weight	1.1 g
Pushrod hole diameter	not specified – check the fit of your pushrod by trying it
Package contents	10× connector with locking screw; the product photo also shows nuts for mounting to the arm
Not included	servo, servo arm, pushrod, tools, adhesive

2. Use

2.1 What you will need

- a servo arm with a hole matching the M2 thread (carefully drill out a smaller hole),
- a pushrod (wire) that fits through the cross hole of the connector,
- a Phillips screwdriver and a small wrench or flat pliers for the nut,
- recommended: threadlocker.

2.2 Mounting the connector to the servo arm

① Choose a hole in the servo arm. The further the hole is from the servo axis, the larger the control surface deflection, but the lower the force acting on it.

② Push the threaded pin of the connector through the hole in the arm and screw the nut on from the other side.

③ Tighten the nut so that the connector has no play but can still rotate freely in the arm – it must swivel with the pushrod, otherwise the pushrod binds and bends.

④ Secure the nut with a drop of threadlocker. Make sure the adhesive does not run between the connector and the arm.

2.3 Connecting and adjusting the pushrod

① Set the servo to its neutral position (RC system switched on, transmitter stick and trim centred) and hold the control surface in its neutral position.

② Pass the end of the pushrod through the cross hole of the connector.

③ Tighten the M3 locking screw – the screw presses against the pushrod and holds it in place. Do not overtighten, so as not to strip the thread.

④ Check the full range of deflection. The pushrod must not bend, and neither the arm nor the control surface may hit an end stop.

※ To fine-tune the neutral position, loosen the screw, slide the pushrod and retighten. To prevent the pushrod from slipping, you can grind a small flat spot on the wire where the screw seats.

2.4 Safety and inspection

- Before every use of the model, check that the locking screw and the nut are tight, especially after a hard landing or impact. A loose pushrod means loss of control surface control and a crash of the model.
- When adjusting with the RC system switched on, make sure the motor cannot start unexpectedly; on electric models remove the propeller if possible.
- Replace a connector with a stripped thread or damaged body with a new one.
- Keep small parts out of the reach of children – they may be inhaled or swallowed.

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 is not electrical equipment and contains no batteries.
- Hand in unneeded metal connectors, screws and nuts for metal recycling (e.g. at a municipal collection point) or dispose of them according to your local waste rules.
- Dispose of the packaging in separated waste according to the type of material.
- The waste regulations of the country in which you use and dispose of the product apply.

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.