Nylon hinge 16×29 mm

Nylon hinge with metal pin (10 pcs)
User manual

Read this entire manual before installation and keep it for future reference.

www.rotorama.com

Contents

1. Product description

1.1 What it is for

1.2 Technical data and package contents

2. Use

2.1 Safety

2.2 Installing the hinge

2.3 Inspection and maintenance

3. Information for the EU and Czech Market

3.1 Importer and responsible person in the EU

3.2 Disposal

4. Warranty and rights arising from defective performance

1. Product description

1.1 What it is for

The nylon hinge with a metal pin is used to attach the moving parts of RC models so that they can pivot. It is intended mainly for RC aeroplanes, where it connects the control surfaces – ailerons, elevator and rudder – to the fixed part of the wing or tail surfaces, and also for other moving parts of the model.

The two leaves of the hinge are joined by a metal pin. Thanks to the pin, the hinge moves freely and without resistance, so the servo does not have to overcome any stiffness of the hinge line. The hinge leaves have holes into which the adhesive flows during gluing, so the hinge is anchored more firmly in the material of the model.



Nylon hinge with metal pin – opened flat

1.2 Technical data and package contents

Product designation	Nylonový pant 16x29mm (10ks)
Material	nylon, metal pin
Dimensions	16 × 29 mm (length along the pin × width of the opened hinge)
Weight	0.45 g (1 pc)
Package contents	10× hinge
Not included	adhesive, tools, model



Hinge dimensions

2. Use

2.1 Safety

- Hinges are small parts. Keep them out of the reach of small children – they could be swallowed or inhaled.
- When working with adhesives and cutting tools, follow their manufacturers' instructions, work in a well-ventilated area and protect your eyes and skin.
- A loose or damaged control surface can cause loss of control of the model. Therefore check that the hinges are firmly attached before every flight.

2.2 Installing the hinge

The procedure is general; always also follow the building instructions of your model.

① Mark the hinge positions on both the fixed part (wing, stabiliser) and the control surface. Choose the number and spacing of the hinges according to the length of the control surface and the model's instructions.

② Cut slots for the hinge leaves into the edge of the fixed part and of the control surface at the hinge positions.

③ Test-fit the hinges in the slots without adhesive. The axis of the pins must lie in one line with the pivot axis of the control surface; otherwise the control surface will bind.

④ Protect the knuckle with the pin from adhesive – adhesive could lock the pin. Apply adhesive to the hinge leaves only.

⑤ Glue the hinges in with an adhesive suitable for the material of the model, align the control surface and let the adhesive cure completely according to its manufacturer's instructions.

⑥ After curing, check that the control surface moves freely over its full range of deflection and that no hinge can be pulled out of the material.

2.3 Inspection and maintenance

- Before every flight, check that the control surfaces are held firmly and move freely, without play or binding.
- Replace a cracked, loose or seized hinge with a new one.
- After a crash, check all hinges on the affected control surface.

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 does not contain batteries.
- Dispose of unwanted hinges and the packaging according to local waste sorting rules – the hinge is made of plastic with a metal pin.
- Proper disposal helps prevent negative impacts on the environment and contributes to the reuse of secondary raw materials.

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.