

## Service Info No. 112/23 L´Hotellier rotule

Subject : L´Hotellier rotule

Effectivity DG-100 - DG-400

Accomplishment : When exchanging rotules

Reason : Since some time the manufacturer L´Hotellier supplies rotules with modified thread runout. The runout is so long that it is not possible to tighten the rotule up to it´s flange.  
The affected parts are:

1. DG-100, 200, 400: The rotule which shall assembled into the airbrake pushrod at the wing root.
2. DG-200, 300, 400: The rotule which shall be assebled into the aileron. This rotule is equipped with a fixed nut which is tightened up to it´s flange enabling you to assemble the rotule into the aileron with a 10 mm socket wrench.

Instructions : 1. Airbrake pushrod: To enable the rotule to be screwed in completely, there must be an adequate chamfer in the pushrod. Screw in the rotule with care to check if it can be screwed in completely. If not, enlarge the chamfer at the pushrod with a 45° countersink tool (not with a drill which has only 30°). Use a new serrated (spring) lock washer when screwing in the rotule.

2. New rotules will be supplied by DG equipped with a fixed modified nut. These parts can be screwed in as usual, use a new securing washer.

**Caution:** Tighten the rotules firmly.

**Note:** In other areas (Aileron bellcrank, Elevator connection at older DG-100Gs and DG-200s) the new rotules may be used without any modifications.

Material : Instruction 1  
60000143 Rotule 961  
52060030 serrated (spring) lock washer 6,4 DIN6798 I.

40050960 Rotule with fixed nut M6 DIN 936, drawing no. S96  
52060055 Securing washer 6,4 DIN 463

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