

## Aluminium spring hinge with concealed mechanism for heavy duty applications

The range of aluminium profile spring hinges combines an attractively-designed range of products with high performance characteristics.

Pinet offers a high performance spring hinge for heavy panels with a spring force up to 3.80 Nm.

### Main features :

- Automatic opening and closing of a door
- A completely invisible spring mechanism
- Possibility to move doors up to 90kg with 3 hinges
- No play in the hinge
- Attractive design
- Anodised clear or anodised black finish
- Can be combined with damping hinges for a soft close (please ask us for more details)
- Available without spring (free swinging)

### Application examples :

- Metal doors, metal furniture
  - Heavy panels
- Etc.

### Material :

Aluminium, black or clear anodised  
Plug in PA-6,6 30% FG  
Washer in POM  
Spring in steel (Bezinal®)

### Part numbers :

- **Spring force 3,80 Nm**  
72-1-4231, clear anodised  
72-1-4232, black anodised
- **Version without spring (free swinging)**  
72-1-4241, clear anodised  
72-1-4242, black anodised

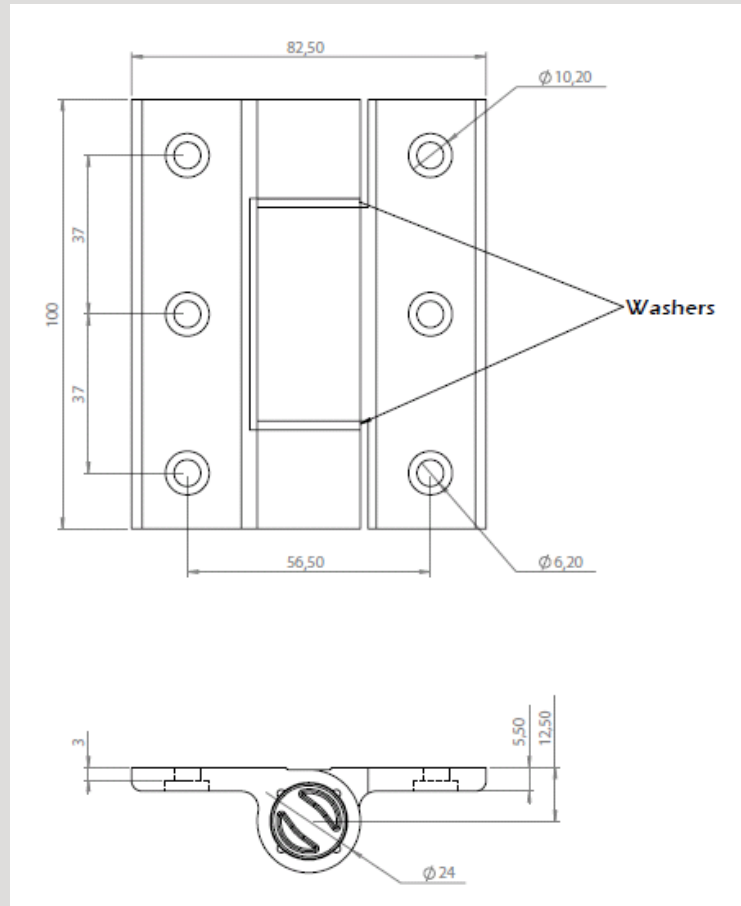


Clear anodised aluminium profile hinge 3,80 Nm (72-1-4231)  
(Free swinging version 72-1-4241)



Black anodised aluminium profile hinge 3,80 Nm (72-1-4232)  
(Free swinging version 72-1-4242)

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**Other information :**

Total swing : 270°

Recommended temperature range : -20°C / +80°C

Fixing screws : according to DIN 912 CHC M6

**Spring force :**

M(0°) : 3,80 N.m / M(90°) : 3,10 N.m / M(180°) : 2,40 N.m

**Performance test:**

Tested over 20 000 cycles (without drop of spring force value)

*Subject to technical changes*

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