### 180° Screw-on torque hinge with adjustment function
**PROGRAM 1056**

#### Product benefits
- Adjustable torque
- Holds any position continuously at adequate load
- Constant torque across 180° adjustment range
- Same torque while opening and closing
- Compatible with all hinges of the 1056 program with identical cutout
- Can replace door stops, cover stays or gas springs depending on installation location

| 180° Screw-on torque hinge zinc-die black powder-coated for countersunk screw M5; friction cone polyacetal POM; screw and nut m.s. zinc-plated |
|---|---|
| Nm | max. tightening torque of screw in Nm |
| to ~ 2 | 0,5 |

180° Screw-on torque hinge zinc-die black powder-coated for countersunk screw M6 (2D nut can be used); friction cone polyacetal POM; screw and nut m.s. zinc-plated

<table>
<thead>
<tr>
<th>Nm</th>
<th>max. tightening torque of screw in Nm</th>
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</thead>
<tbody>
<tr>
<td>to ~ 4</td>
<td>0,75</td>
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Dimensioning / Calculation:
The number of hinges in case of covers depends on the size and the weight of the cover. We are pleased to help you with the dimensioning of the hinges on request.

Example

Opening angle $\alpha = 120^\circ$
Door length: $L = 0.8\ m$
Door mass: $m = 3.5\ kg$
Gravitational pull: $g = 9.81\ m/s^2$
Torque hinge: $M = 6.5\ Nm$
Number of hinges: $n = ?$

Formula:

$$M = \frac{L \times m \times g \times \sin \alpha}{2}$$

Result:
$11.9\ Nm = 2\ hinges\ of\ item\ no.\ 1056-U14-01$

Torque hinge
The hinge can be set continuously in any position. There it remains at the same position. The torque is similar when opening and closing.

Application
This torque hinge is suitable for doors and covers.