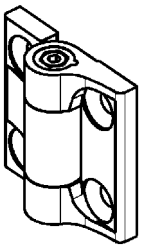
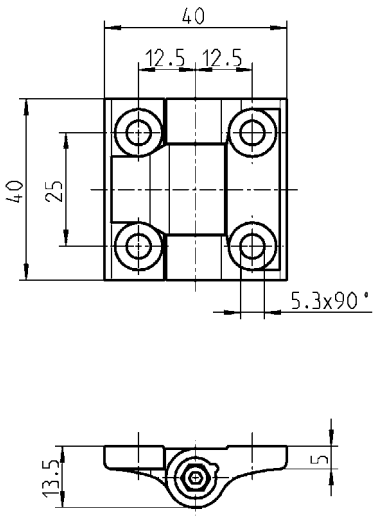
180° screw-on torque hinge with adjustment function

PROGRAM 1056

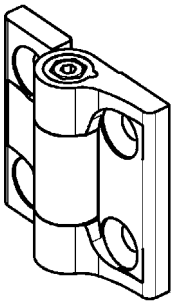
Product benefits

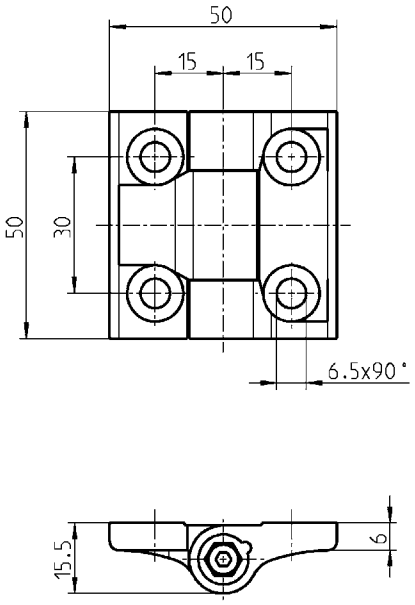
- adjustable torque
- holds any position continuously at adequate load
- constant torque across 180° adjustment range
- same torque while opening and closing
- compatible with all hinges of the 1056 program with identical cut out
- can replace door stops, cover stays or gas springs depending on installation location



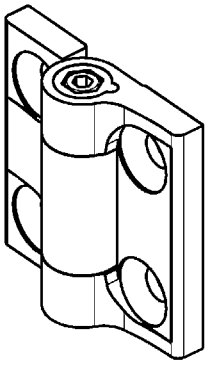


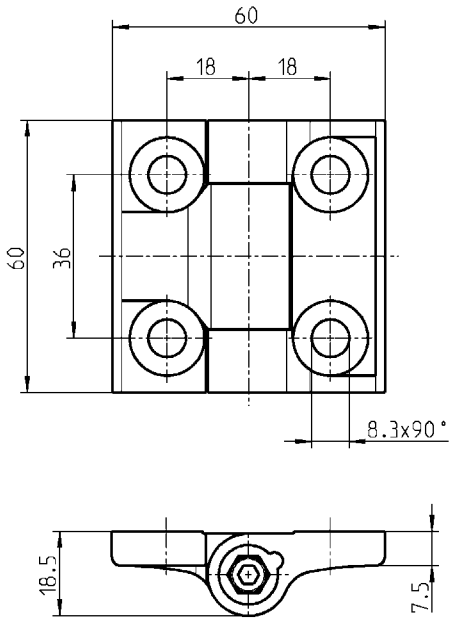
180° screw-on torque hinge zinc-die black powder-coated for countersunk screw M5; friction cone polyacetal POM; screw and nut m.s. zinc-plated		
Nm	**max. tightening torque of screw in Nm**	
2	0,5	1056-U6-01



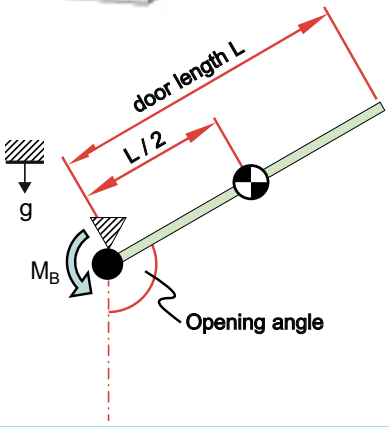


180° screw-on torque hinge zinc-die black powder-coated for countersunk screw M6 (2D nut can be used); friction cone polyacetal POM; screw and nut m.s. zinc-plated		
Nm	**max. tightening torque of screw in Nm**	
4	0,75	1056-U10-01





180° screw-on torque hinge zinc-die black powder-coated for countersunk screw M8; friction cone polyacetal POM; screw and nut m.s. zinc-plated		
Nm	max. tightening torque of screw in Nm	
6,5	1,5	1056-U14-01



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: . . . . . α = 120°
Door length: . . . . . L = 0,8 m
Door mass: . . . . . m = 3,5 kg
Gravitational pull: . . . . . g = 9,81 m/s²
Torque hinge: . . . . . M = 6,5 Nm
Number of hinges: . . . . . n = ?

Formula:

$$\text{Total } M = \left(\frac{L \times m \times g \times \sin \alpha}{2}\right)$$

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 in the same position.
The torque is the same during opening and closing.

Application:

This torque hinge is suitable for doors and covers.

Further parts see page
– 2D-nut 12E-120
(only for 1056-U10-01)