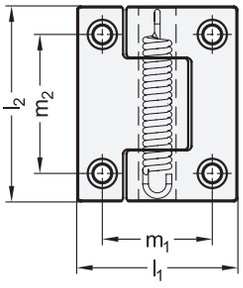
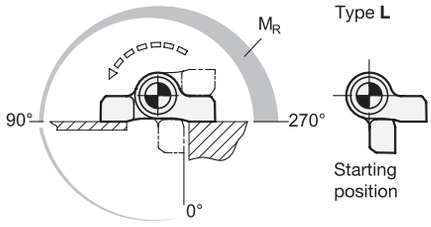
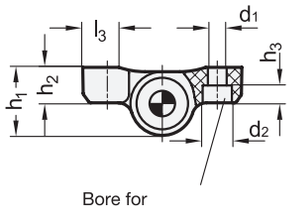
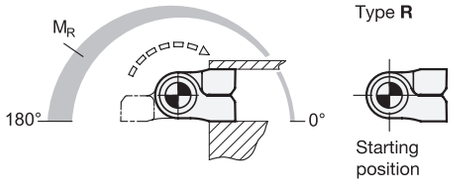






Bore for
socket cap screw DIN 912



Metric

elesa
Original design CFMR.

3 Type

O Without spring-loaded return
L Spring-loaded return, closing
R Spring-loaded return, opening

4 Identification no.

1 Light spring-load
2 Heavy spring-load

Metric table

Dimensions in: millimeters - *inches*

1 l_1	2 l_2	d_1	d_2	h_1	h_2	h_3	l_3	m_1	m_2	Max. torque M_R in Nm Identification no. 1	Identification no. 2
55 *2.17*	67 *2.64*	6.5 *0.26*	10 *0.39*	24 *0.94*	12.5 *0.49*	6.3 *0.25*	12.5 *0.49*	38 *1.50*	48 *1.89*	0.35	0.7

Specification

5

- Body
  Plastic
  Technopolymer (Polyamide PA-HP)
  - Glass fiber reinforced
  - Temperature resistant up to 140 °F (60 °C)
  - Black, matte finish ● SW
- Pin
  Aluminum
- Shaft cover
  Plastic
  Technopolymer (Polyacetal POM)
  Black
- Torsion spring
  Stainless steel
- *Load Rating Information* → *page 2095*
- *Plastic Characteristics* → *page 2135*
- RoHS compliant

Information

EN 233.3 hinges with spring-loaded return allow doors to be automatically opened and closed by means of the torsion spring.

The return torque varies with the opening angle of the hinge. Endurance tests have shown that the torque does not change even after 100,000 opening / closing cycles.

The following table shows the relationship between the opening angle and the return torque. The indicated maximum opening angle should not be exceeded.

Return torque M_R in Nm (Type L)			
Identification. no.	0°	90°	270°
1	0	0.12	0.35
2	0	0.25	0.7

Return torque M_R in Nm (Type R)		
Identification. no.	0°	180°
1	0.12	0.35
2	0.25	0.7

see also...
• *List of Hinge Types* → *page 1324*

How to order (Without spring-loaded return)

1 2 3 5
EN 233.3-55-67-O-SW

1	Width l_1
2	Length l_2
3	Type
5	Color

How to order (With spring-loaded return)

1 2 3 4 5
EN 233.3-55-67-R-1-SW

1	Width l_1
2	Length l_2
3	Type
4	Identification no.
5	Color