



Metric table

Dimensions in: millimeters - inches

¹ l ₁	² l ₂	d ₁	d ₂	h ₁	h ₂	h ₃	h ₄	l ₃	m ₁ ±0.25	m ₂ ±0.25	Max. friction torque in Nm
37 1.46	43 1.69	4.5 0.18	9 0.35	14 0.55	3.5 0.14	7.5 0.30	15 0.59	11.5 0.45	25.5 1.00	31.7 1.25	1.4
57 2.24	64 2.52	6.5 0.26	12.5 0.49	21 0.83	6.5 0.26	11.5 0.45	23 0.91	17.5 0.69	38 1.50	47.5 1.87	4

Specification

- Body
Plastic
Technopolymer (Polyacetal POM)
- Temperature resistant up to 149 °F (65 °C)
- Black, RAL 9005, matte finish **● SW**
- White, RAL 9002, matte finish **○ WS**
- Pin
Plastic
Technopolymer (Polycarbonate PC)
Black
- Phillips pan head screw
Stainless steel AISI 303
- [Load Rating Information](#) → page 2095
- [Plastic Characteristics](#) → page 2135
- [Stainless Steel Characteristics](#) → page 2143
- [RoHS compliant](#)

Information

The actuating torque of EN 233 hinges can be adjusted via a Phillips pan head screw, allowing doors and flaps to be kept open, partially open, or closed.

Endurance tests have shown that the friction torque does not alter even after 60,000 opening / closing cycles (at 0.8 Nm tightening torque of the Phillips pan head screw).

These hinges comply with flammability category UL 94-HB.

see also...

- [List of Hinge Types](#) → page 1324
- [Hinges GN 437 \(with Friction Adjustment\)](#) → page 1416

How to order	¹ Width l ₁
EN 233-¹37-²43-³SW	² Length l ₂
	³ Color

