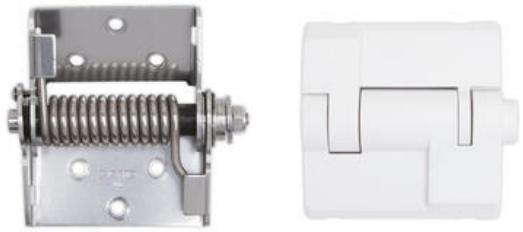
OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

HG-TLAJ TORQUE HINGE

HG-TLAJC
PBT Hinge Cover



- Adjustable Retaining Torque
- Optional Cover
- Hinge to support opening top heavy lids

PRODUCT DESCRIPTION

The HG-TLAJ is a stainless-steel, surface-mounted torque hinge featuring built-in spring assistance and adjustable retaining torque, ideal for top-opening lids and panels. Its lift-assist spring supports opening and closing within a 0–100° range, reducing effort and improving ergonomics. The hinge's retaining torque, ranging from 0–3.5 Nm, is easily tuned using a 10 mm hex key for tailored resistance. Made of stainless steel with polished finish and complemented by a 430 stainless or plastic cover (optional), it has been durability tested for 50,000 open/close cycles and operates between 0 °C and 40 °C.
In real-world applications, the HG-TLAJ excels in safety-critical and precision-focused industries such as medical devices, laboratory analysers, and factory-automation equipment where controlled lid motion is essential. By enabling free-stop positioning and effortless lift, it eliminates sudden drops and facilitates holistic cleaning and maintenance without removing lids.

TECHNICAL DATA

Material	PBT
Temperature range	0 °C~40 °C
Weight	41 g