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

# HG-TA TORQUE HINGE

HG-TA20R
Right Handed Torque Hinge, 2.0±20%, 30g, Stainless Steel



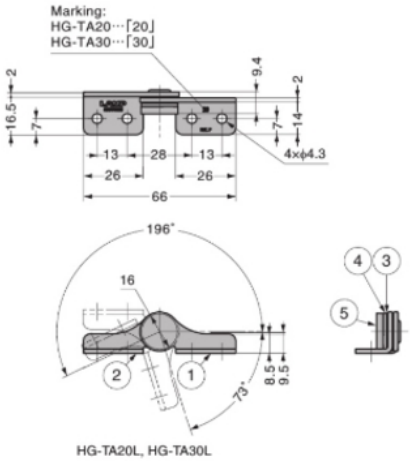
- Left and Right Facing Hinges
- Made From Stainless Steel
- Up to 4.5N Torque

### PRODUCT DESCRIPTION

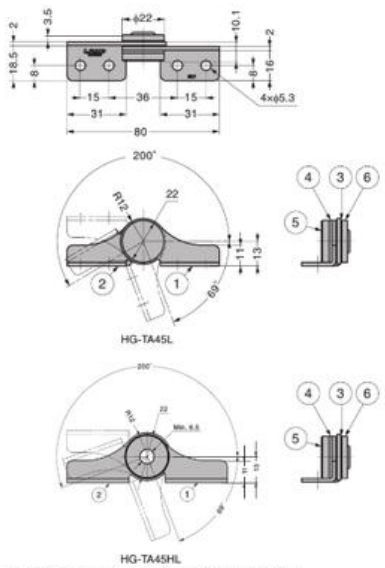
The Sugatsune HG-TA is a bracket-type torque (free-stop) hinge made from stainless steel with a plain finish, offering smooth and consistent friction torque throughout a full 0–180° swing. It provides reliable retention at any angle without additional catches and is engineered for durability. It functions within an ambient temperature range of 0–40 °C and requires M4 or #8 screws for mounting, with torque values tailored to different sizes.
In real-world usage, the HG-TA hinges are ideal for indoor applications like LCD monitor panels, stationary cameras, instrument covers, and control access doors—precisely where controlled positioning and hands-free functionality are critical. The constant-torque mechanism simplifies design by eliminating the need for extra stoppers or stays. A cited case study highlights how HG-TA hinges enhance operational efficiency and safety—such as holding wrap-machine panels securely open during loading, reducing the risk of slamming or accidental movement.

# TECHNICAL DATA

| | |
|---|---|
| **Feature** | Right Handed, Without Wire Hole |
| **Material** | Stainless steel, Bronze, Steel |
| **Surface finish** | Barrel Polished |
| **Temperature range** | 0 °C~40 °C |
| **Torque** | 2N±20% |
| **Weight** | 30 g |




HG-TA20L, HG-TA30L



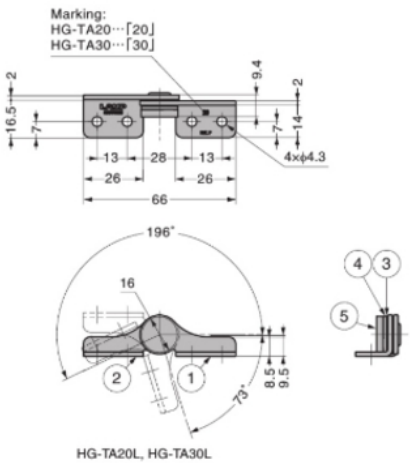

HG-TA45L



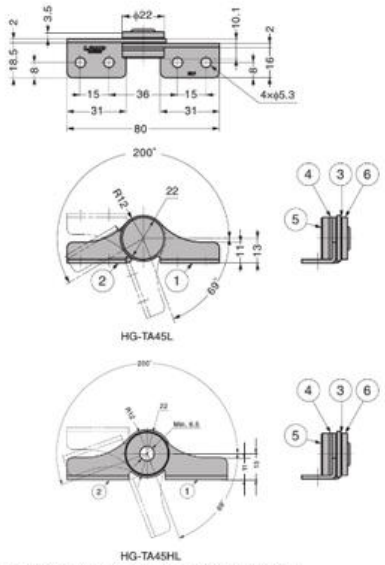

HG-TA45HL

Left-handed type shown. Right-handed type is symmetrical.

| No. | Part Name | Material | Finish |
|---|---|---|---|
| ① | Bracket | Stainless Steel (SUS430) | Barrel Polished |
| ② | Base | | |
| ③ | F Plate | Bronze | – |
| ④ | Spring Washer | Steel | |
| ⑤ | Shaft | Stainless Steel (SUS303) | |
| ⑥ | Washer | Stainless Steel (SUS430) | Barrel Polished |




HG-TA20L, HG-TA30L




HG-TA45L




HG-TA45HL

Left-handed type shown. Right-handed type is symmetrical.

| No. | Part Name | Material | Finish |
|---|---|---|---|
| ① | Bracket | Stainless Steel (SUS430) | Barrel Polished |
| ② | Base | | |
| ③ | F Plate | Bronze | – |
| ④ | Spring Washer | Steel | |
| ⑤ | Shaft | Stainless Steel (SUS303) | |
| ⑥ | Washer | Stainless Steel (SUS430) | Barrel Polished |