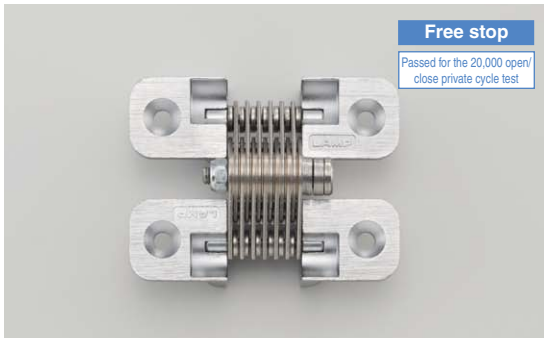


TORQUE HINGE (CONCEALED) HG-RT



- Hinge is completely hidden when the door is closed.
- Torque decreases as the opening angle increases, making easier to open the lid (refer to "Torque Curve" at the lower left).
- Use with top-opening lids (opening angle 0°~100°) (free stop range).
- Non-friction torque type also available [1](#) .

[Specifications]

- Operating temperature: 0°C ~40°C

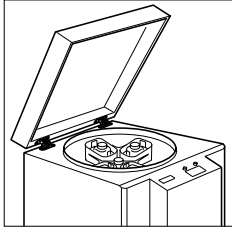
[Remarks]

- Be sure to read the "Cautions" [2](#) .
- Torque changes with the opening angle (refer to "Torque Curve" at the lower left).
- When selecting, ensure that the maximum torque of lid (door) is less than half of the torque at the hinge closed position (see the table below).
- Set a stopper in the Range where torque is not effective (refer to "Free Stop Range" at the left)
- When installing, ensure that both hinge shafts are levelled and aligned.

[Recommended Screws]

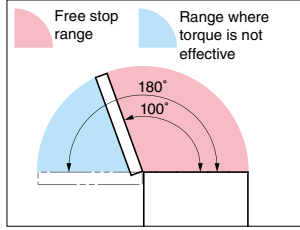
- Countersunk head tapping screw 4 or Countersunk head screw M4

[Application Example]



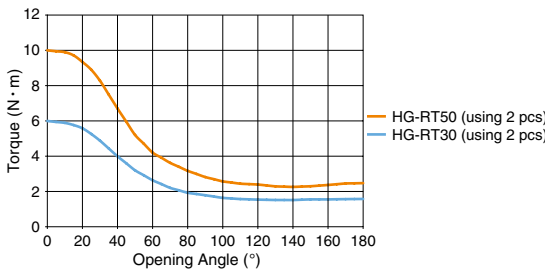
Use with top-opening lids (opening angle 0° ~100°).

[Free Stop Range]

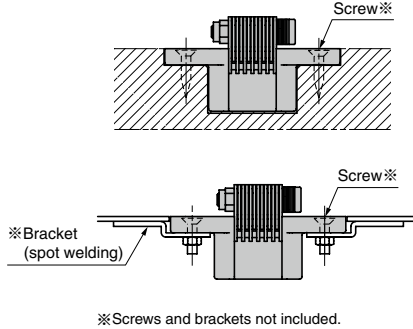


Install stopper to hold the door within the range where torque is not effective.

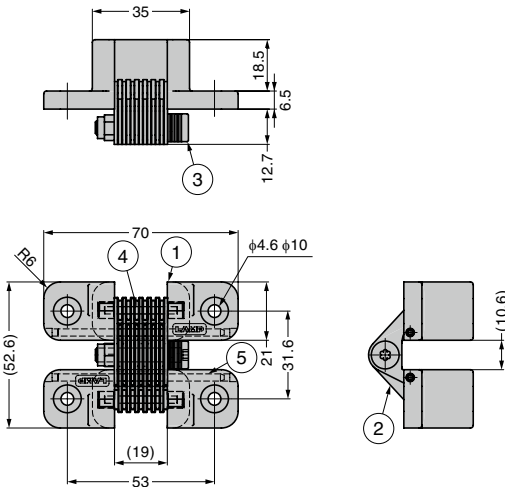
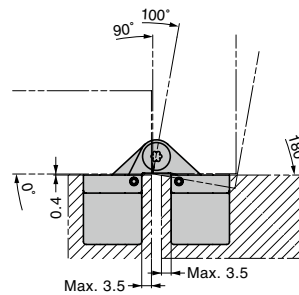
[Torque Curve]



[Installation]



[Locus Chart]



No.	Part Name	Material	Finish
①	Body	Zinc Alloy (ZDC)	Satin Chrome
②	Arm	Stainless Steel (SUS304)	Plain
③	Shaft 1		
④	Shaft 2		
⑤	Shaft 3		

RoHS	CAD	Item Code	Item Name	Max. Lid (Door) Moment		Torque N·m/2pcs (Closed Position)	Torque kgf·cm/2pcs (Closed Position)	Opening Angle	Weight (g)	Box (pcs)	Carton (pcs)
				Max. N·m/2 pcs	Max. kgf·cm/2 pcs						
		170-026-478	HG-RT30	3	31	3±20%	31±20%	180°	160	12	72
		170-021-889	HG-RT50	5	51	5±20%	51±20%			12	72

Refer to [1](#) : P.88, [2](#) : P.15