

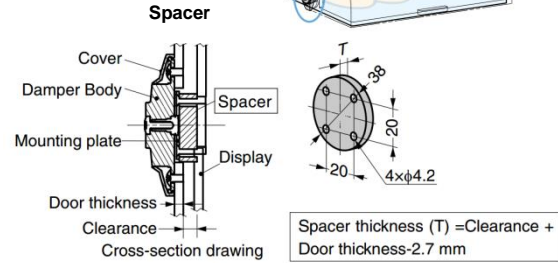
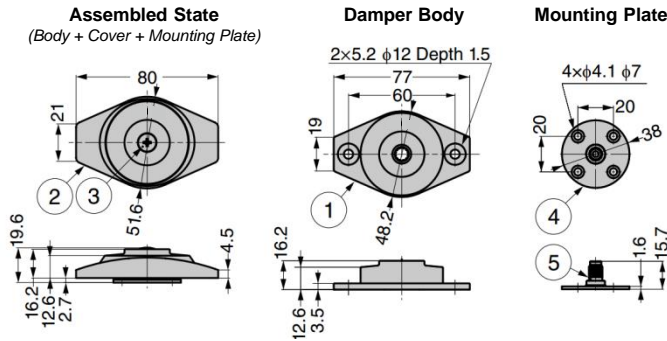
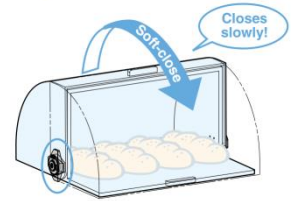
## GUDD Disk Damper

### Features

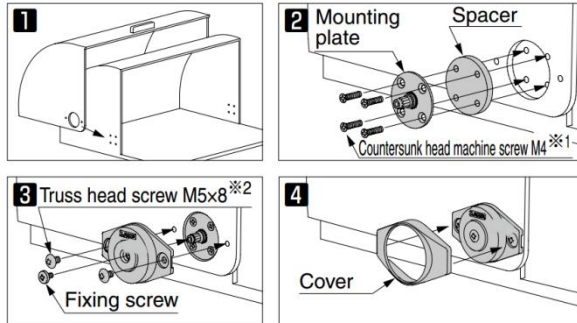
- Keeps lids/doors from slamming shut
- Simple design does not affect cabinet appearance
- Choose from 3 torques sizes (S, M, or H) according to door size
- Suitable for applications such as food showcases

### Notes

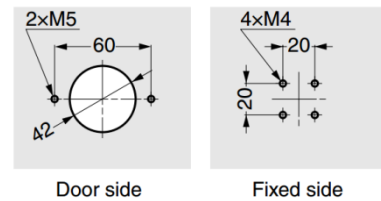
- Operating temperature: 5°C ~ 35°C
- For indoor usage, do not use in water splash environment
- Do not use impact screwdriver for mounting
- To be used as a pair
- Spacer or L-shaped bracket may be required depending on the shape of display



### Installation



### Cut Out Dimensions



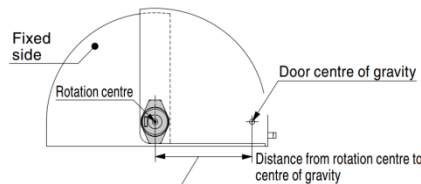
※1, ※2 screws not included.

In case of wooden display, please prepare countersunk head tapping screw 3.5 for ※1, and truss head tapping screw 5x12 for ※2.

### Selection of Damper

Choose from 3 types according to door moment.

Max. door moment = Door weight kg × 9.80665 × Distance from rotation centre to centre of gravity (m)



Door Moment	Type	Qty
1.0~2.0 N·m	S	2 pcs
2.0~4.0 N·m	M	2 pcs
4.0~6.0 N·m	H	2 pcs

### Damper Working Direction



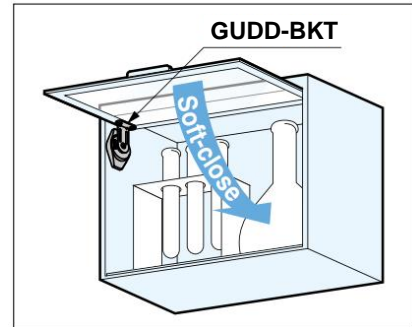
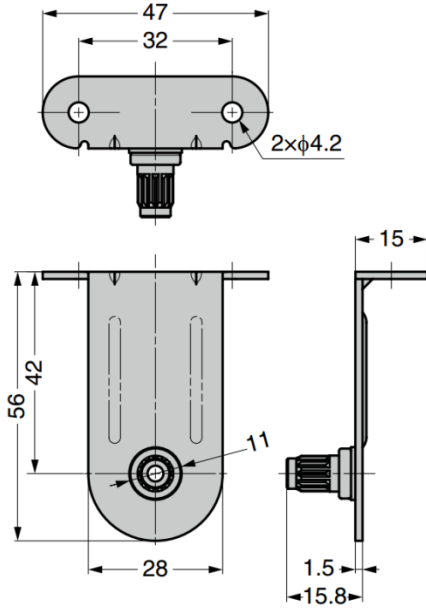
No.	Part Name	Material	Finish / Colour
①	Damper Body	-	-
②	Cover	ABS	Emboss/Light Grey
③	Screw	Steel	Nickel
④	Mounting Plate		
⑤	Shaft		Zinc Chromate

Part No.	Pipe	Torque (per piece)	
GUDD-S-L	Counter-clockwise	0.5 ~ 1.0 N.m	5.1 ~ 10.2 kgf.cm
GUDD-S-R	Clockwise		
GUDD-M-L	Counter-clockwise	1.0 ~ 2.0 N.m	10.2 ~ 20.4 kgf.cm
GUDD-M-R	Clockwise		
GUDD-H-L	Counter-clockwise	2.0 ~ 3.0 N.m	20.4 ~ 30.6 kgf.cm
GUDD-H-R	Clockwise		

## GUDD-BKT Bracket for Disk Damper

### Notes

- Bracket for disk damper GUDD for upward-opening doors
- Chamfer edge of top board to reduce the gap between the door and top board by referring to Fig.2 and Table 2  
Install a stopper on the cabinet (Fig.3)
- Catch is needed for holding door in opened position
- Face plate for glass doors (**GSDS**) and spacers (**GSDS-50G**) are available, contact your nearest [Gripwell](http://www.gripwell.com) team for assistance



### Installation

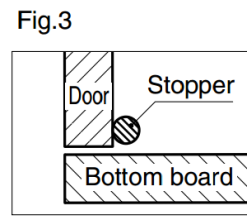
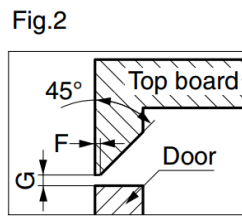
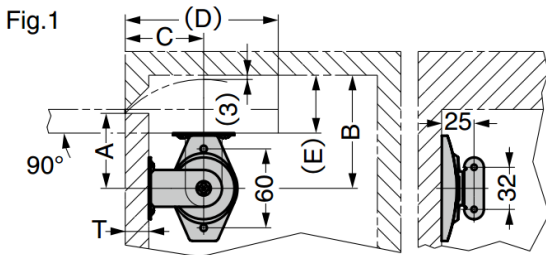


Table 1

No.	Door Thickness T	A	B	C	D	E
①	5	46	70	49	( 95)	(26)
②	15	54	82	57	(111)	(40)
③	18	57	86	60	(117)	(44)

Table 2

Chamfering Allowance F	Gap G
1	3
2	4
3	5

※① is the value when using acrylic or glass door with a door thickness of 5 mm, a face plate **GSDS** for glass door, and spacer **GSDS-50G**

②③ are the values when using wooden doors with door thicknesses given in the above table.

Part No.	Material	Finish
GUDD-BKT	Stainless Steel (SUS304)	Plain