

BUTT HINGE FOR ALUMINIUM FRAME AS-HG-AL



- Special hinges fitting perfectly with the mounting groove of aluminium frame. No additional washers are required.
- Plastic bushes provide smooth movement and prevent metal-to-metal friction.
- Aluminium alloy material, light weight and excellent design.
- Stainless steel hinge AS-HG-SUS **1** of the same type also available.

[Remarks]

- Load capacity is the value when using two hinges. For calculation conditions, please refer to INDEX **2**.

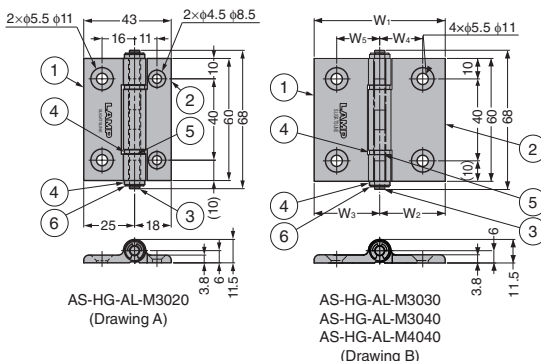
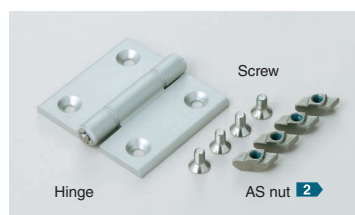
Selection Tool



Hinge Selection

No.	Part Name	Material	Finish / Colour
①	Body A	Aluminium Alloy	Anodised Silver
②	Body B		
③	Shaft	Stainless Steel (SUS303)	Plain
④	Bush	POM	Natural
⑤	Washer	PEEK	
⑥	E-type Retaining Ring	Stainless Steel (SUS304)	—

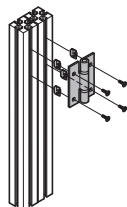
RoHS	CAD	Item Code	Item Name	Drawing	W ₁	W ₂	W ₃	W ₄	W ₅	Load Capacity N/2 pcs	Load Capacity kgf/2 pcs	Weight (g)
		170-011-679	AS-HG-AL-M3020	Drawing A	—	—	—	—	—	147	15	41
		170-011-680	AS-HG-AL-M3030	Drawing B	50	25	25	16	16			45
		170-011-681	AS-HG-AL-M3040		57	32	32	21	21			48
		170-011-682	AS-HG-AL-M4040		64	—	—	—	—			53

Refer to **1** : P.267, **2** : P.43Parts Set for Installing to Aluminium Frame Please refer to the series introduction page **1** for details about AS series.

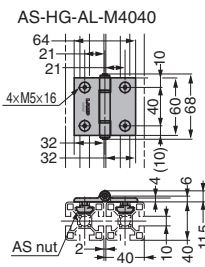
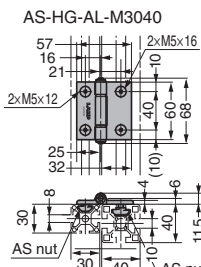
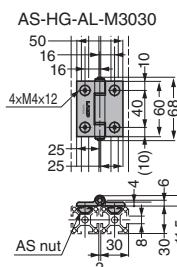
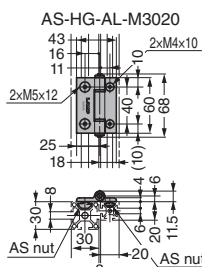
[AS Parts Set] Parts set of screws and AS nuts

RoHS	CAD	Item Code	Item Name	Aluminium Frame	Parts	Weight (g)
		170-041-810	AS-HG-AL-M3020-8	Groove Width 6 mm	Hinge AS-HG-AL-M3020 : 1pc AS Nut AS-8M5 : 2pcs Hexagon Socket Countersunk Head Screw M5×12 : 2pcs AS Nut AS-6M4 : 2pcs Hexagon Socket Countersunk Head Screw M4×10 : 2pcs	—
		170-041-811	AS-HG-AL-M3030-8	Groove Width 8 mm	Hinge AS-HG-AL-M3030 : 1pc AS Nut AS-8M5 : 4pcs Hexagon Socket Countersunk Head Screw M5×12 : 4pcs	—
		170-041-812	AS-HG-AL-M3040-10	Groove Width 8 mm Groove Width 10 mm	Hinge AS-HG-AL-M3040 : 1pc AS Nut AS-10M5 : 2pcs Hexagon Socket Countersunk Head Screw M5×16 : 2pcs AS Nut AS-8M5 : 2pcs Hexagon Socket Countersunk Head Screw M5×12 : 2pcs	—
		170-041-813	AS-HG-AL-M4040-8	Groove Width 8 mm	Hinge AS-HG-AL-M4040 : 1pc AS Nut AS-8M5 : 4pcs Hexagon Socket Countersunk Head Screw M5×16 : 4pcs	—
		170-041-814	AS-HG-AL-M4040-10	Groove Width 10 mm	Hinge AS-HG-AL-M4040 : 1pc AS Nut AS-10M5 : 4pcs Hexagon Socket Countersunk Head Screw M5×16 : 4pcs	—

[Installation]



[Dimensions]

Refer to **1** : P.20, **2** : P.526