

Low Profile Air Gripper
Series MHF2

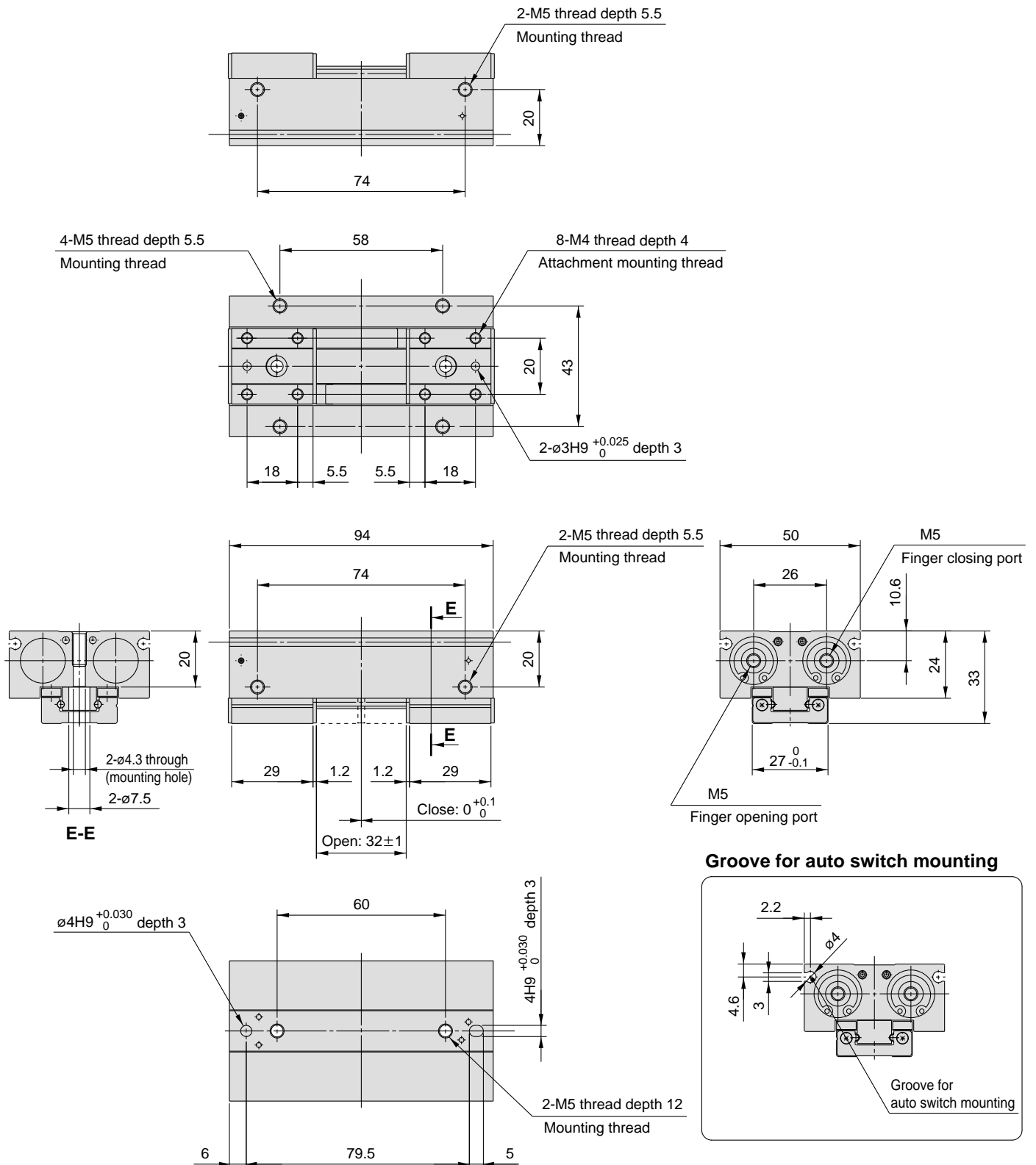


Low profile air gripper with space-saving design is newly released.

Dimensions

MHF2-16D1

Scale: 50%



Specifications

Finger stroke adjustable width for opening/closing position

(mm)

Model	Full stroke	Adjustable stroke width	A: Adjustable finger opening/closing position type		B: Adjustable finger opening position type	C: Adjustable finger closing position type
			Adjustable stroke width		Adjustable stroke width for opening position	Adjustable stroke width for closed position
			Closed position	Opening position		
MHF2-8D□	8	4	0 to 4	4 to 8	4 to 8	0 to 4
		8	0 to 8	0 to 8	0 to 8	0 to 8
MHF2-8D1□	16	6	0 to 6	10 to 16	10 to 16	0 to 6
		10	0 to 10	6 to 16	6 to 16	0 to 10
MHF2-8D2□	32	12	0 to 12	20 to 32	20 to 32	0 to 12
		22	0 to 22	10 to 32	10 to 32	0 to 22
MHF2-12D□	12	8	0 to 8	4 to 12	4 to 12	0 to 8
		12	0 to 12	0 to 12	0 to 12	0 to 12
MHF2-12D1□	24	8	0 to 8	16 to 24	16 to 24	0 to 8
		14	0 to 14	10 to 24	10 to 24	0 to 14
MHF2-12D2□	48	18	0 to 18	30 to 48	30 to 48	0 to 18
		28	0 to 28	20 to 48	20 to 48	0 to 28
MHF2-16D□	16	10	0 to 10	6 to 16	6 to 16	0 to 10
		14	0 to 14	2 to 16	2 to 16	0 to 14
MHF2-16D1□	32	8	0 to 8	24 to 32	24 to 32	0 to 8
		18	0 to 18	14 to 32	14 to 32	0 to 18
MHF2-16D2□	64	16	0 to 16	48 to 64	48 to 64	0 to 16
		36	0 to 36	28 to 64	28 to 64	0 to 36
MHF2-20D□	20	8	0 to 8	12 to 20	12 to 20	0 to 8
		18	0 to 18	2 to 20	2 to 20	0 to 18
MHF2-20D1□	40	10	0 to 10	30 to 40	30 to 40	0 to 10
		20	0 to 20	20 to 40	20 to 40	0 to 20
MHF2-20D2□	80	20	0 to 20	60 to 80	60 to 80	0 to 20
		40	0 to 40	40 to 80	40 to 80	0 to 40

Note) Specifications and details other than above are the same as standard type.

How to Adjust Finger Stroke

After adjusting the opening/closing width adjustment thread, tighten the nut to fix.

Nut tightening torque

Part no.	Thread size	Tightening torque N·m
MHF2-8D□-X83□□	M4 x 0.7	1.5
MHF2-8D□R-X83□□		
MHF2-12D□-X83□□	M5 x 0.8	3.0
MHF2-12D□R-X83□□		
MHF2-16D□-X83□□	M6 x 1.0	5.2
MHF2-16D□R-X83□□		
MHF2-20D□-X83□□	M8 x 1.25	12.5
MHF2-20D□R-X83□□		

Warning

1. Adjust the stroke adjustment screw within the adjustable width.

If you adjust the adjustment screw beyond the maximum value, the adjustment screw may fall out and may cause damage to human bodies or equipment/devices.

2. Do not adjust stroke when air pressure is applied to the adjustment screw side.

If air pressure is applied to the adjustment screw, the adjustment screw may fall out in some adjustment statuses. When applying pressure, make sure the adjustment screw is tightened enough.