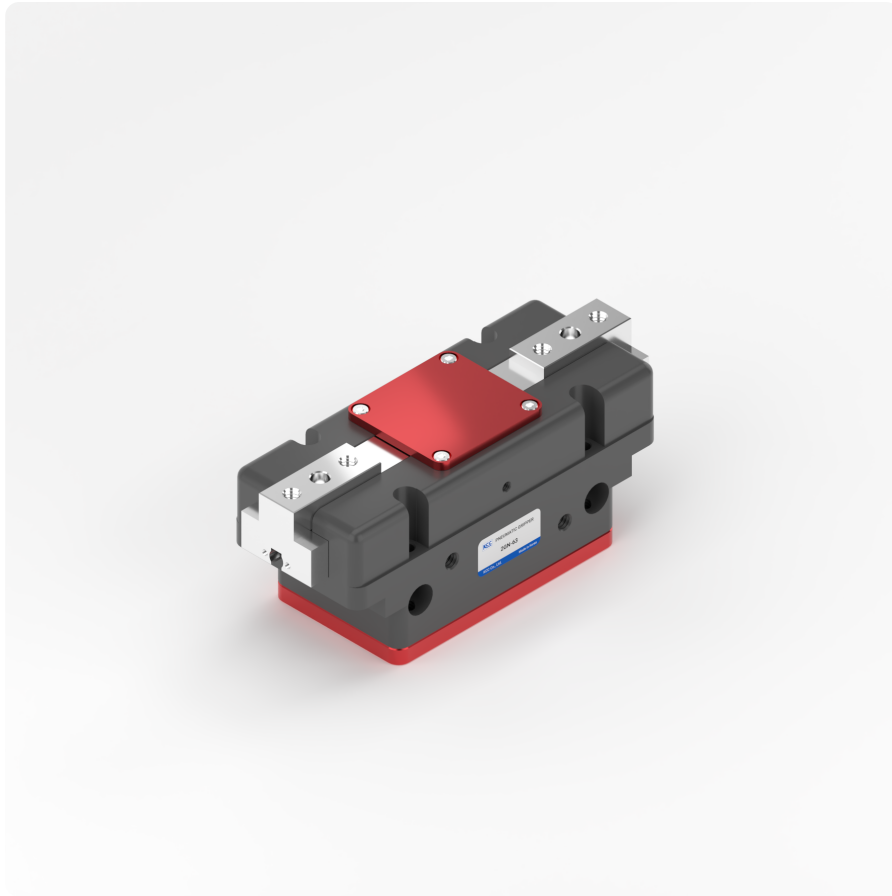


2GN

Parallel gripper



Wedge type, 2-jaw parallel gripper

Improved stability with longer gripping point between jaw & plunger

Improved function, stiffness and outer look

Made with flexible mounting

Sensor is applicable

Specifications

	Unit	2GN-25	2GN-30	2GN-42	2GN-50	2GN-63
Port	Rc(PT), G, NPT	M5	M5	1/8"	1/8"	1/8"
Fluid		Compressed air				
Operating Pressure	MPa	0.2 ~ 0.8				
Ambient Temperature	°C	0 ~ 60				
Stroke	mm	2 ~ 6	2 ~ 8	2 ~ 10	2 ~ 13	2 ~ 16
Air Consumption	cc/cycle	6.7	12.9	28.5	58.1	114.3
Max. Gripping Point	mm	56	72	90	110	146
Repeat Accuracy	mm	0.01			0.015	
Frequency	Cycle/min	60	60	50	50	40
Weight	kg	0.26	0.48	0.78	1.35	2.62

How to order

2GN	-		25	S		-						-	
1		2	3	4	5		6	7	8	9	10		11

1. Model

: Parallel gripper with 2 jaws

2. Port thread

: Rc(PT)

: G

: NPT

3. Port size

: Ø25

: Ø30

: Ø42

: Ø50

: Ø63

4. Type

: Standard

: With supporter ^{*1}

5. Optional air port

: Standard

: Additional port on base side

: Additional port on rear side

- 6. Sensor

: Without sensor

: Sensor with mount

: Mount only(without sensor)

7. Sensor body length

: 18mm

: 30mm

8. Sensor type

: NPN

: PNP

9. Sensor wire length

: 2m

: 3m

: 5m

10. Sensing part

: Adjustable type

: Manual fixed type

: Tapered fixed type

11. Quantity of sensor parts

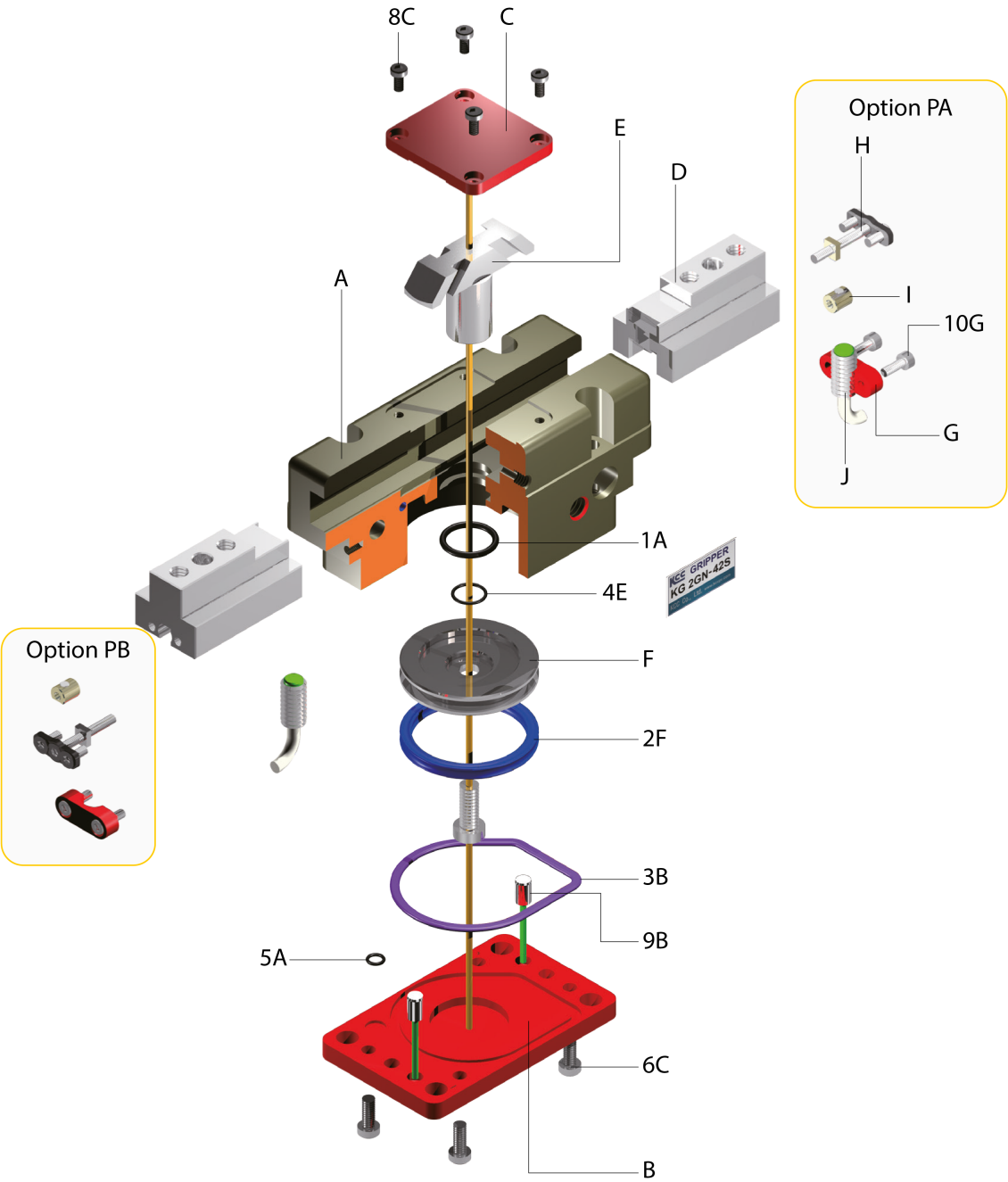
: 2set

: 1set

Remarks

1. Supporter prevent the finger to stuck during operation

Structure



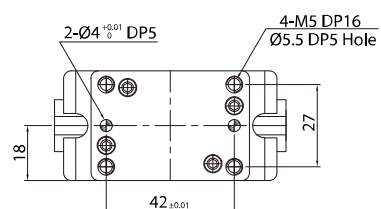
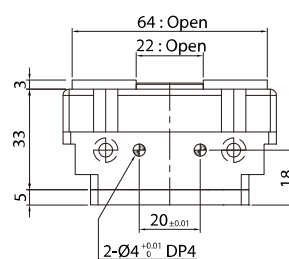
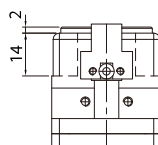
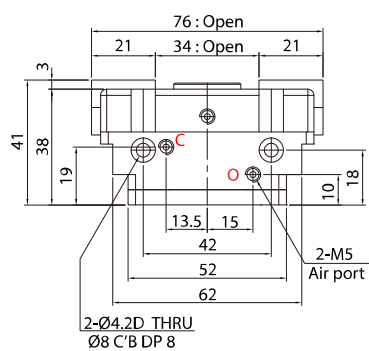
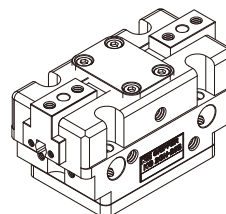
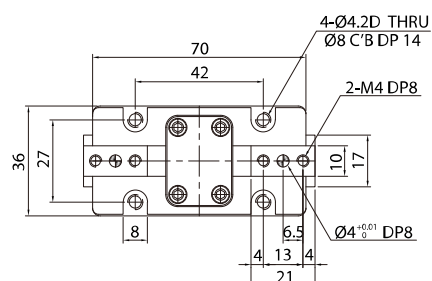
Parts

No	Parts	Material	Remark
A	Body	Aluminium alloy	
B	Base Cover	Aluminium alloy	
C	Dust Cover	Aluminium alloy	
D	Jaw	Carbon steel	
E	Plunger	Steel alloy	
F	Piston	Aluminium alloy	
G	Sensor bracket	Aluminium alloy	Option PA(B)
H	Adjustable sensing set	Optional	Option PA(B)
I	Manual sensing set	Optional	Option PA(B)
J	Sensor	M8x16(30)	Option PA

No	Parts	Material	2GN-25	2GN-30	2GN-42	2GN-50	2GN-63	Remark
1A	Rod O-ring	NBR	P-8	P-10	P-14	P-16	P-20	
2F	Piston packing	NBR	Q-4117	Q-4213	Q-4220	Q-4326A	Q-4330	
3B	Sealing O-ring	NBR	KCC-S28P	KCC-S36P	KCC-S48P	KCC-S56P	KCC-S71P	
4E	Piston O-ring	NBR	-	-	S-09	S-09	S-12	
5A	Joint O-ring	NBR	S-04	S-04	S-04	S-04	S-05	
6C	Fastner	Stainless steel	-	-	-	-	-	
7F	Fastner	Stainless steel	-	-	-	-	-	
8C	Fastner	Stainless steel	-	-	-	-	-	
9B	Dowel pin	Steel alloy	-	-	-	-	-	
10G	Fastner	Stainless steel	-	-	-	-	-	Option PA(B)

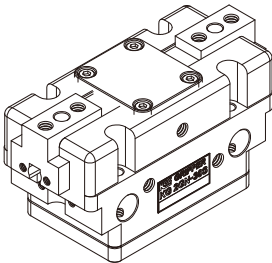
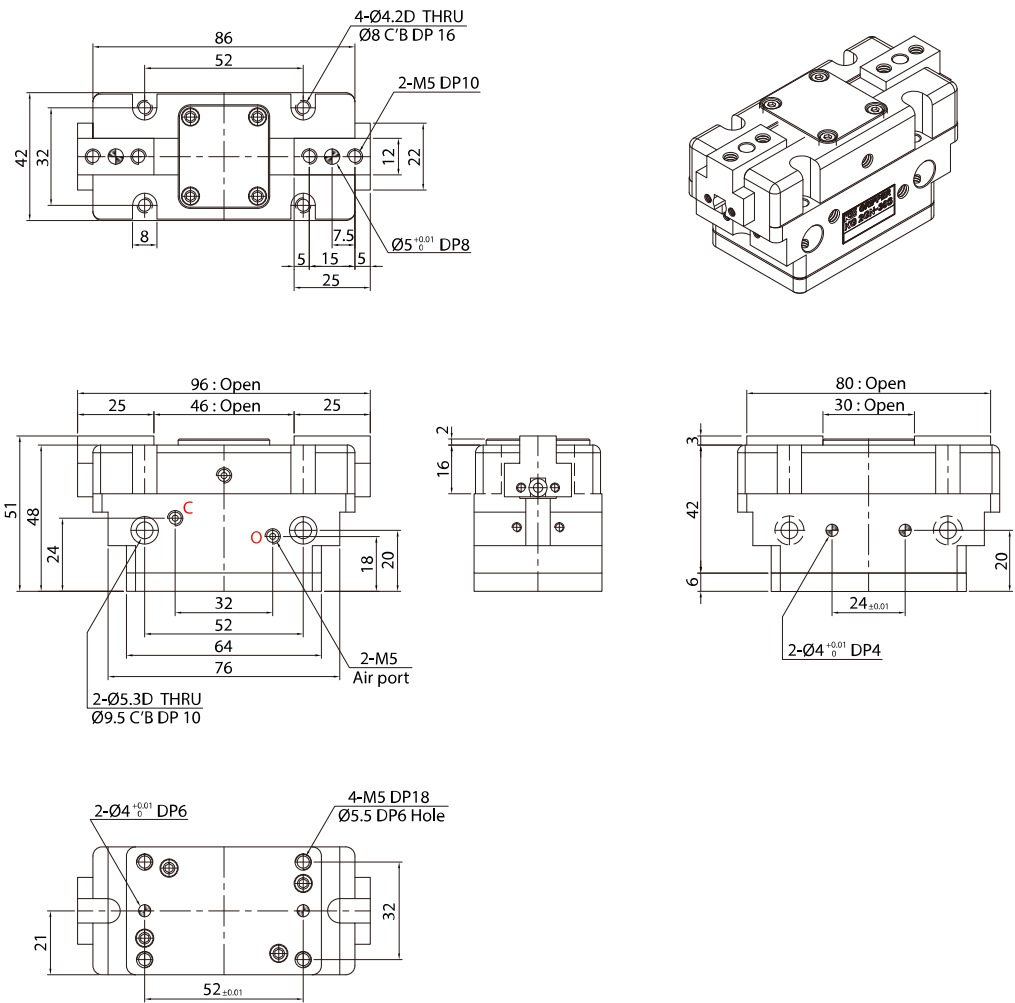
Dimensions

2GN-25S



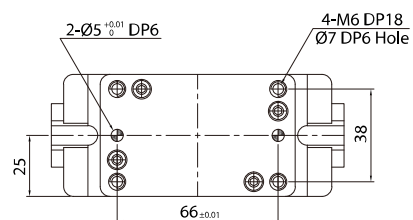
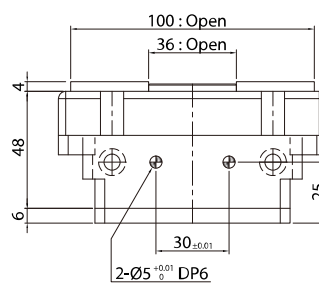
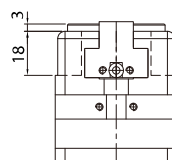
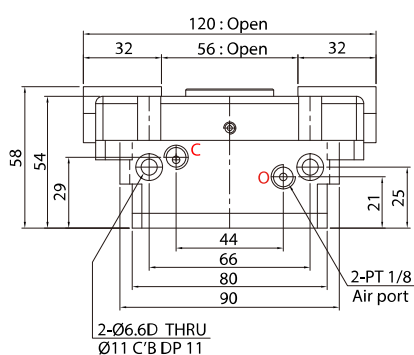
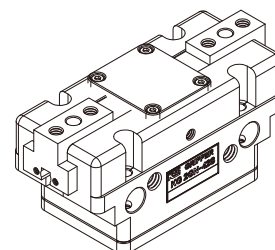
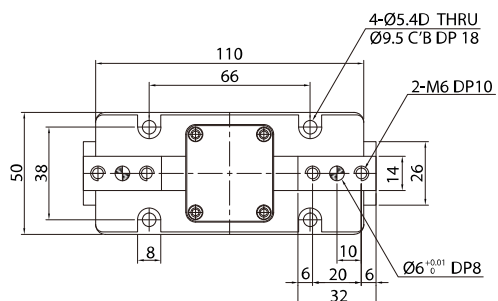
Dimensions

2GN-30S



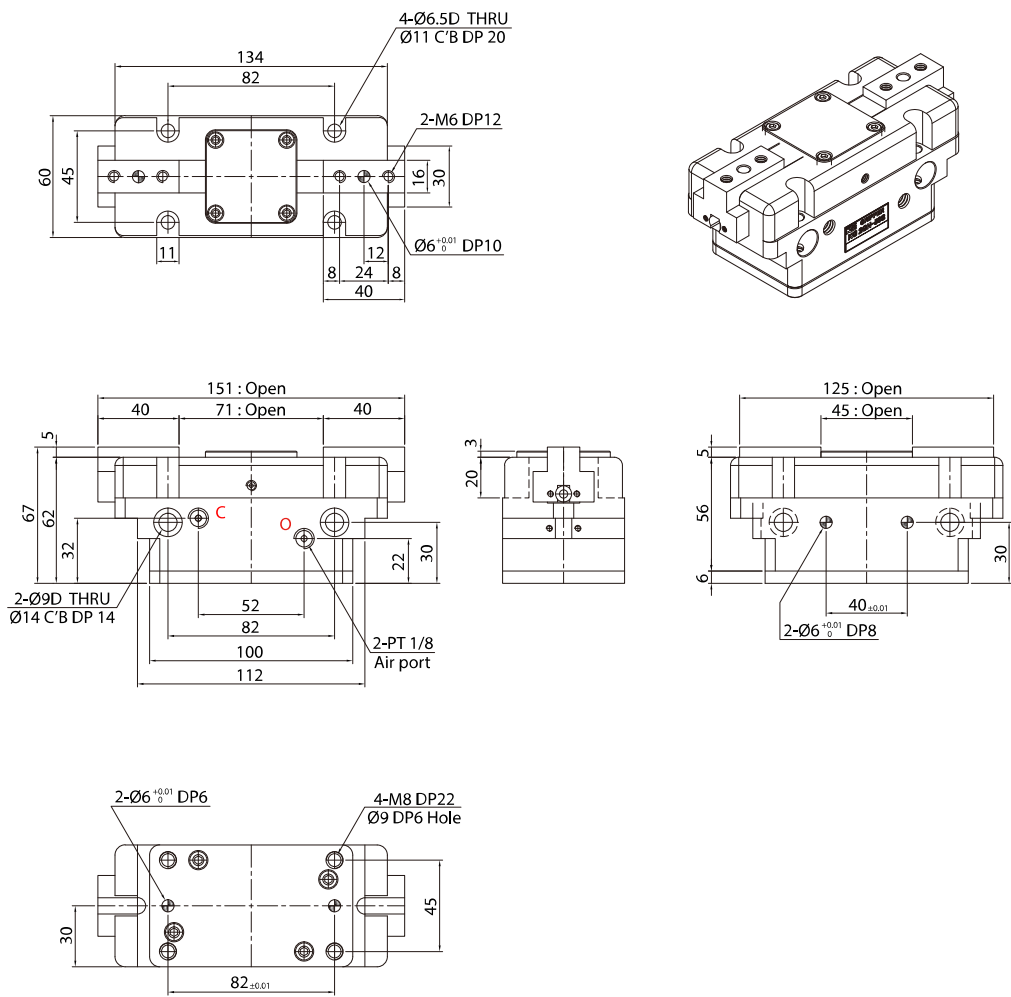
Dimensions

2GN-42S



Dimensions

2GN-50S



Dimensions

2GN-63S

