

New

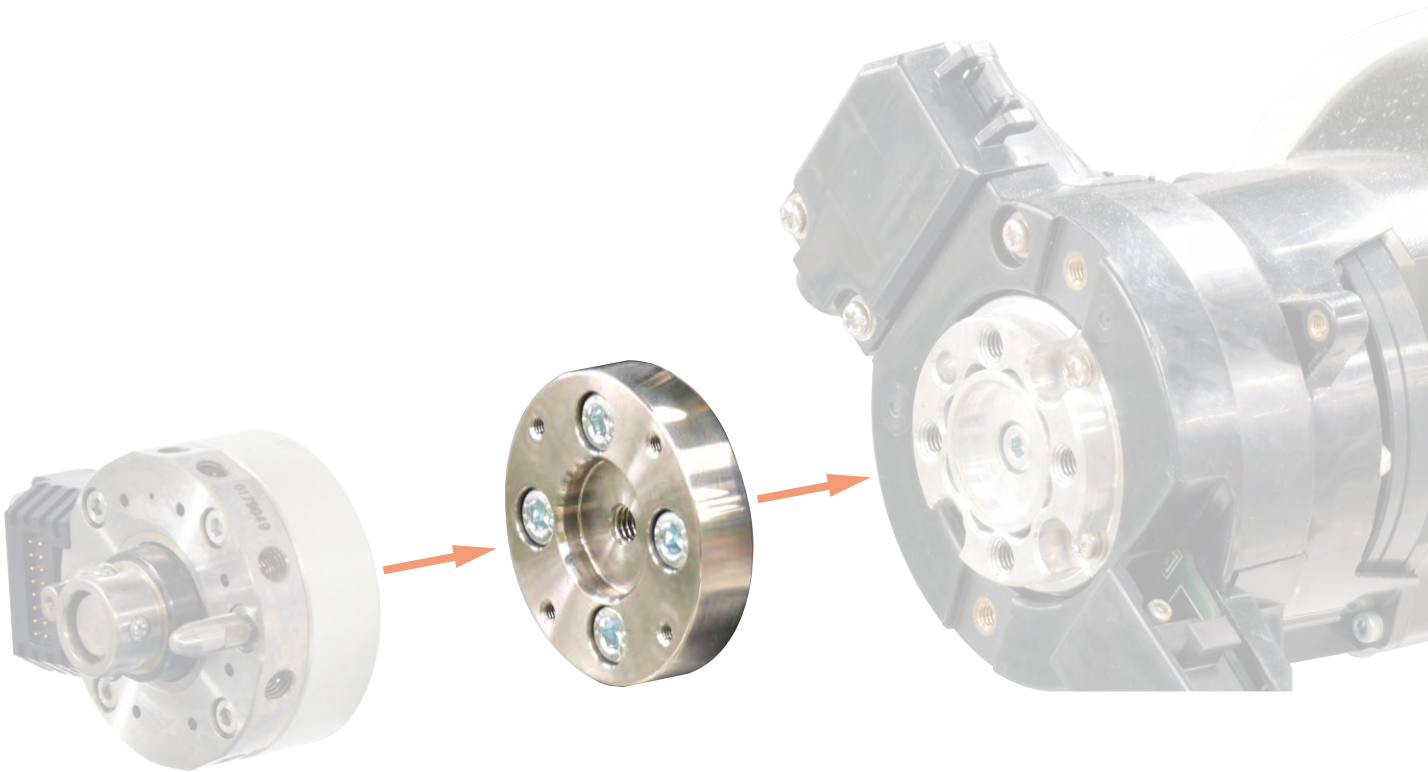
Adapter Plate

for KOSMEK Robotic Hand Changer (model SWR)

Connect Robot and Robotic Hand Changer !

Saves Design Time and Costs !

Based on ISO Mounting Pattern



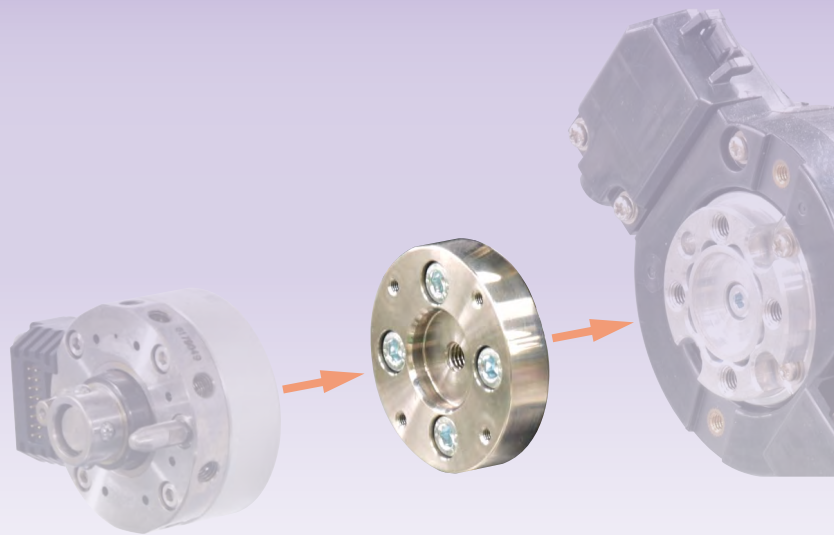
Model SWRZ

Robot Application

Adapter Plate

for SWR Robotic Hand Changer

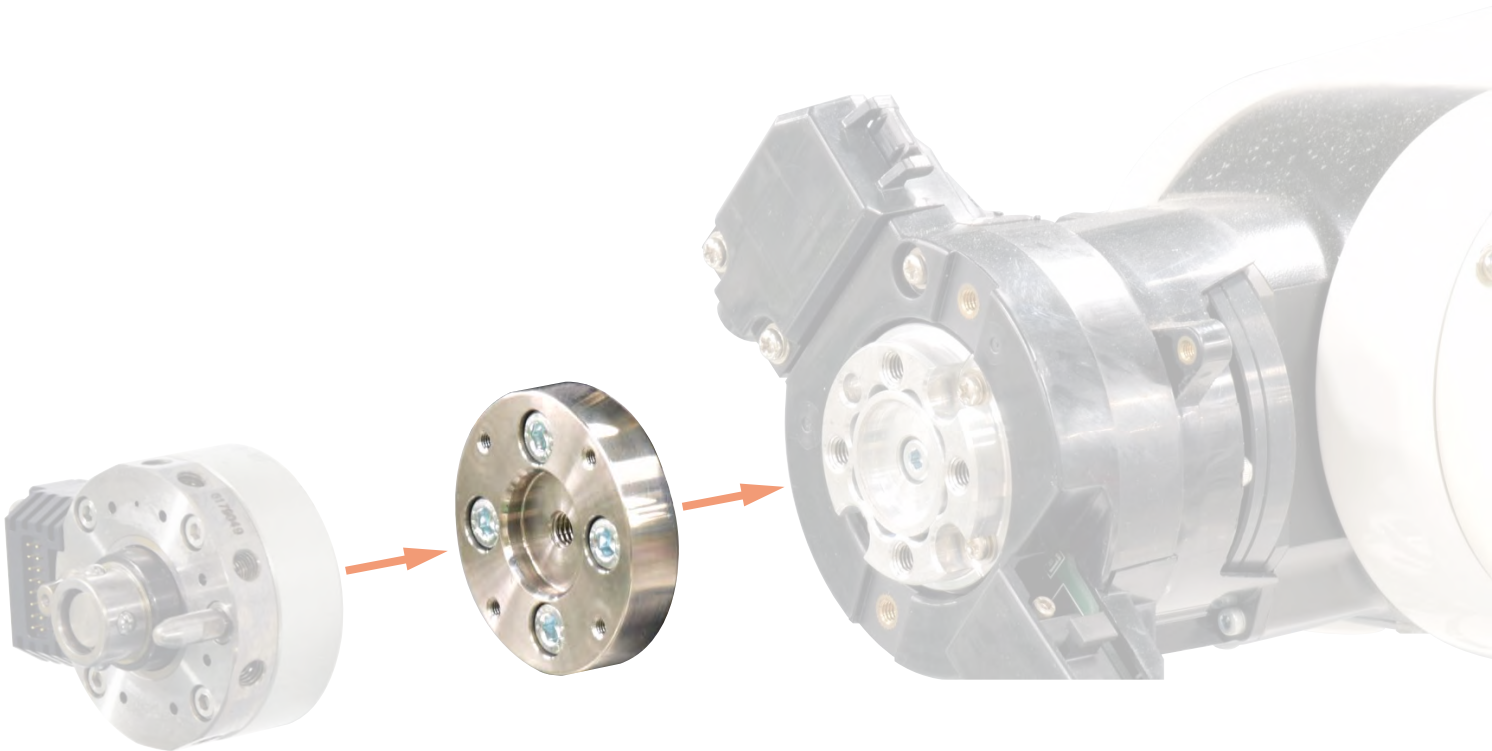
Model **SWRZ**



Connect Robot and Robotic Hand Changer ! Designing Not Required !
Applicable to ISO Mounting Pattern

Simple & Convenient !

Not required to design or make an adapter plate!



Applicable to ISO Mounting Pattern

Model No. Indication

SWRZ 007 0 - MF 2

1 2 3

1 Robotic Hand Changer (SWR) Applicable Model

003 : SWR003
007 : SWR007
012 : SWR012
025 : SWR025
Y01 : SWRY001

SWR / ISO Mounting Pattern Application Table

Robotic Hand Changer Model No.	ISO Mounting Pattern Number					
	1	2	3	4	5	6
SWR003		●				
SWR007		●	●			
SWR012			●		●	
SWR025			●		●	
SWRY001		●				

※ Please contact us for the models not marked with ●.

2 Design No.

0 : Revision Number

3 Applicable Mounting Pattern Number

2 : ISO Mounting Pattern Number 2
3 : ISO Mounting Pattern Number 3
5 : ISO Mounting Pattern Number 5

※ Please contact us when using ISO mounting pattern number other than shown above.

Attachable SWR Option Application Table

Robotic Hand Changer Model No.	Option Symbol			
	D : D-sub Connector	J : Resin Connector	S : with Check Valve	W : Compact Waterproof Electrode
SWR003	—	●	—	●
SWR007	—	●	●	●
SWR012	—	●	●	●
SWR025	●	●	●	●
SWRY001	—	●	—	●

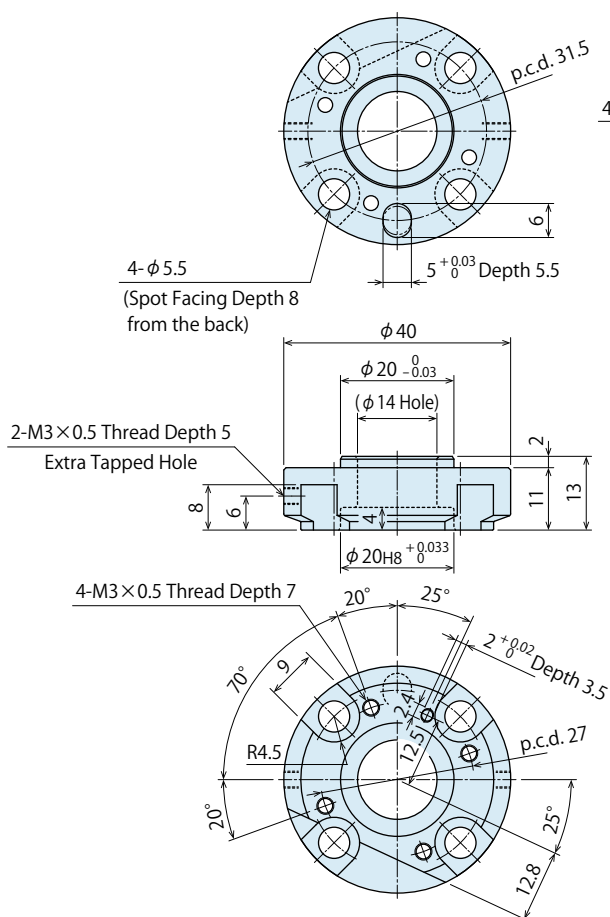
※ Please note that depending on operating condition, cables and pipes of an option that are projected from the end surface of the option to the robot flange side may affect robot cables and pipes when operating a robot.

Weight

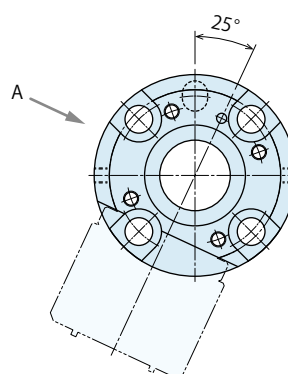
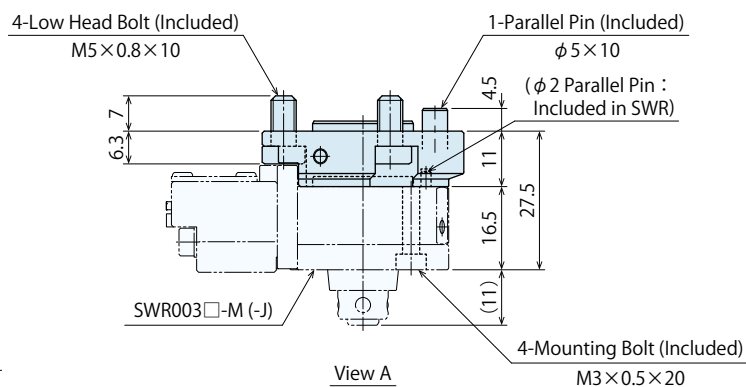
Conversion Plate Model No.	Weight (g)
SWRZ0030-MF2	23
SWRZ0070-MF2	39
SWRZ0070-MF3	59
SWRZ0120-MF3	62
SWRZ0120-MF5	135
SWRZ0250-MF3	126
SWRZ0250-MF5	128
SWRZY010-MF2	55

※ It shows the weight of adapter plate only.
 Bolts and pins are not included.

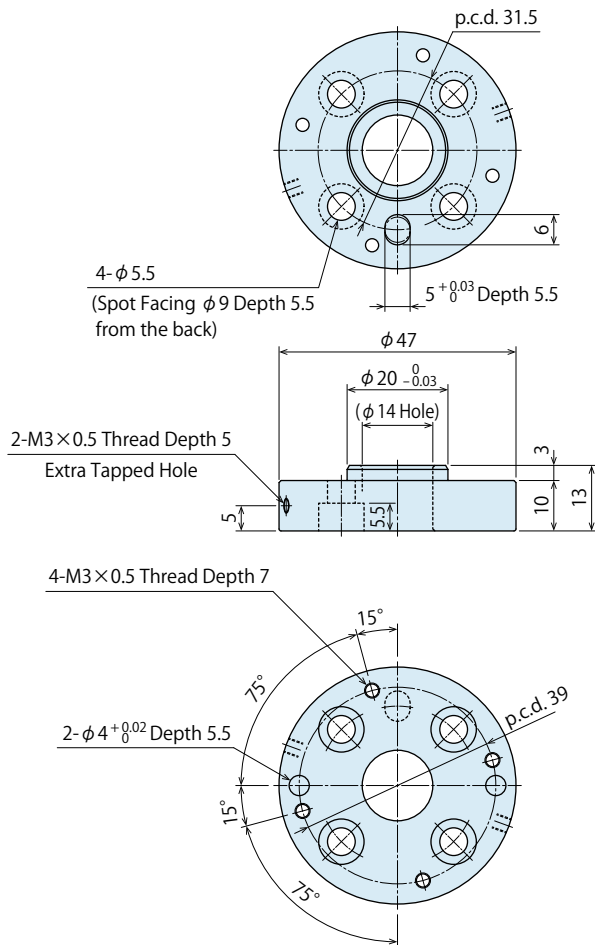
External Dimensions : SWRZ0030-MF2



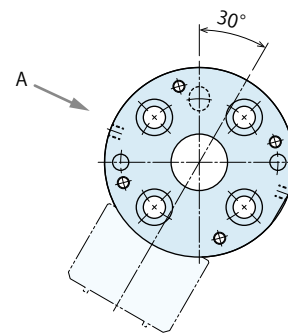
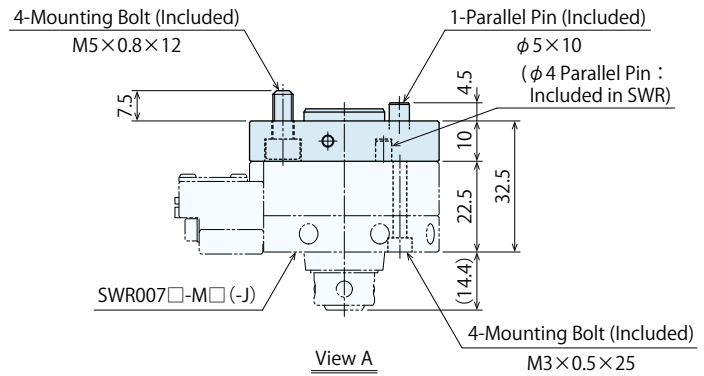
Robotic Hand Changer Applicable Model No.	Applicable Mounting Pattern No.
SWR003□-M	2



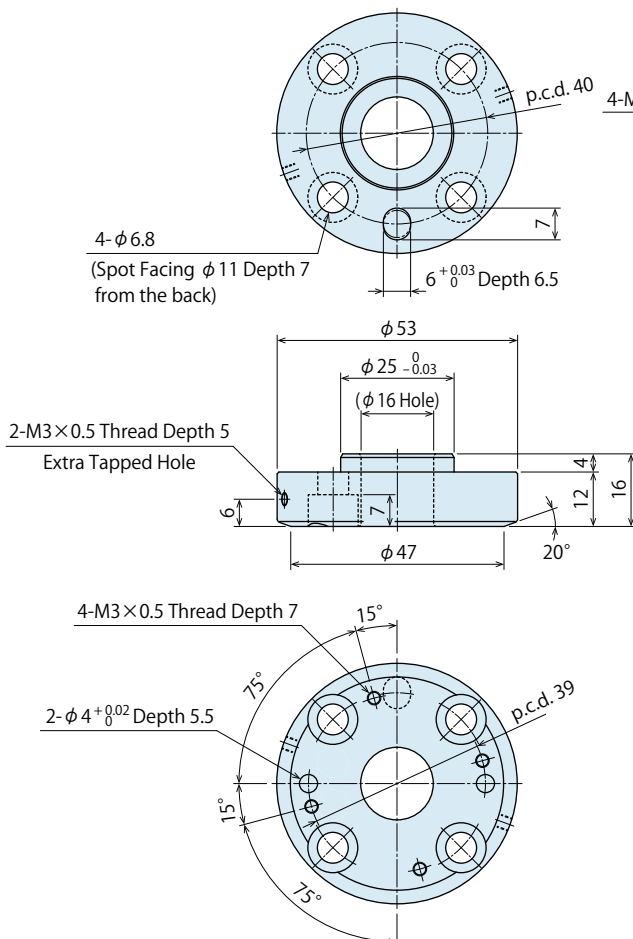
External Dimensions : SWRZ0070-MF2



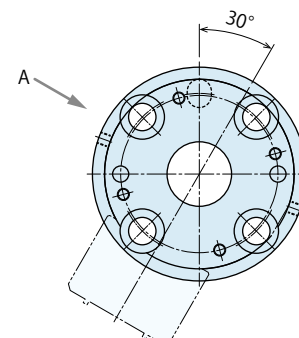
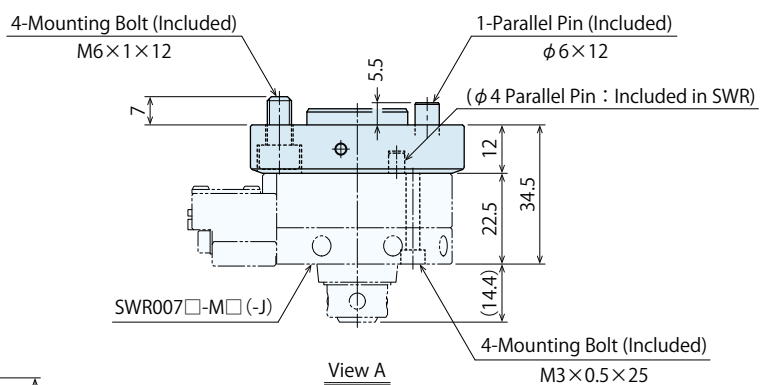
Robotic Hand Changer Applicable Model No.	Applicable Mounting Pattern No.
SWR007□-M□	2



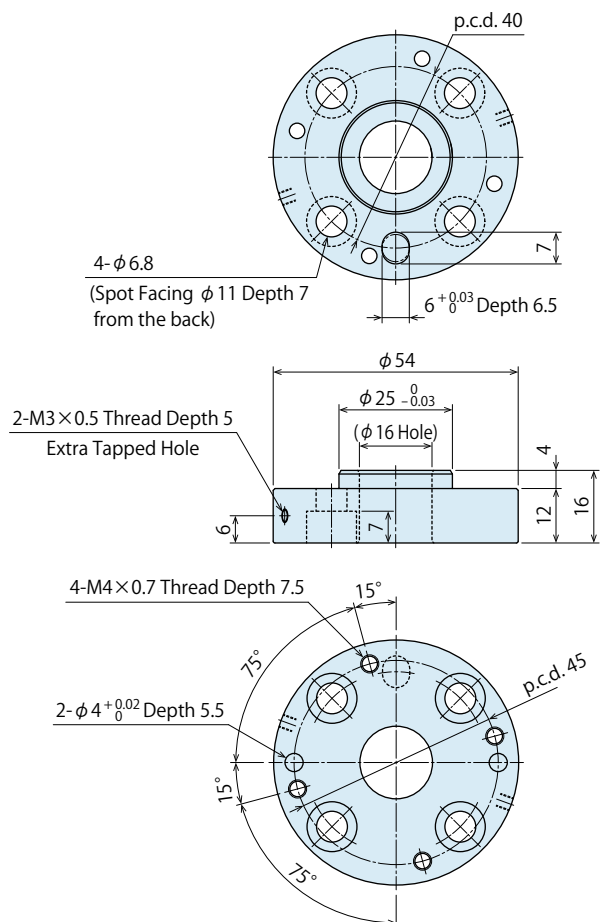
External Dimensions : SWRZ0070-MF3



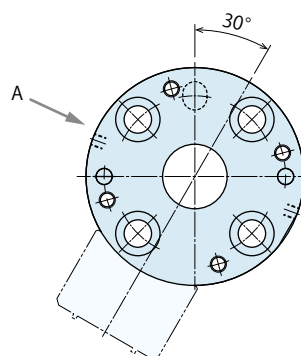
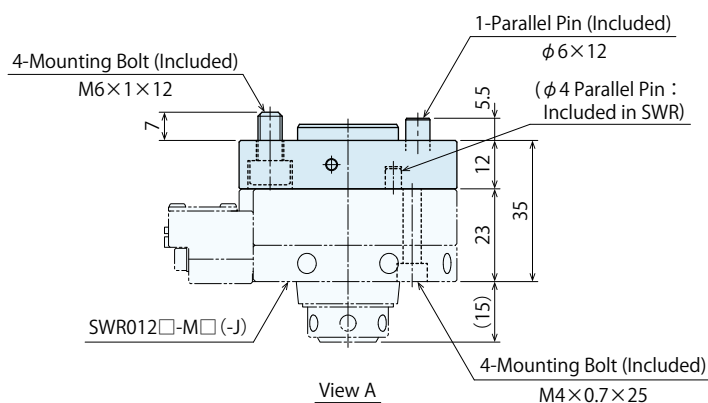
Robotic Hand Changer Applicable Model No.	Applicable Mounting Pattern No.
SWR007□-M□	3



External Dimensions : SWR0120-MF3

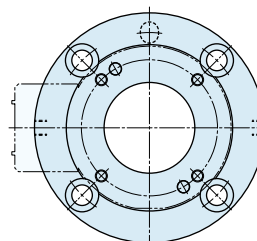
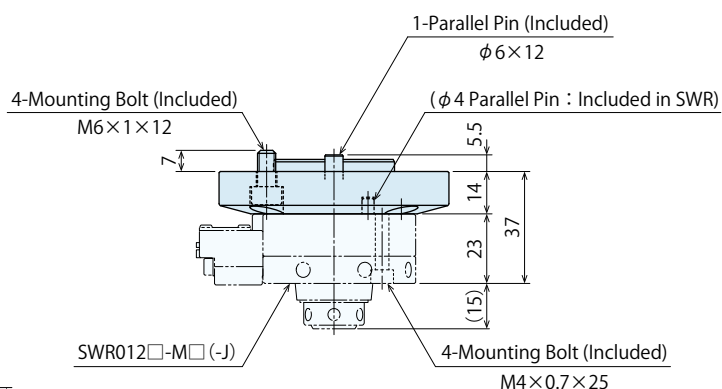
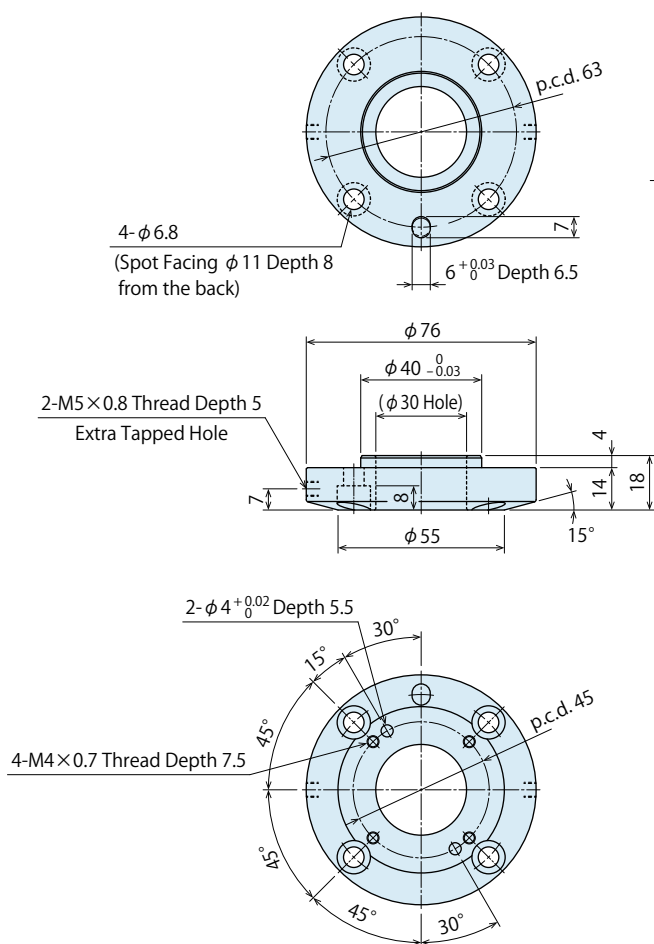


Robotic Hand Changer Applicable Model No.	Applicable Mounting Pattern No.
SWR012□-M□	3

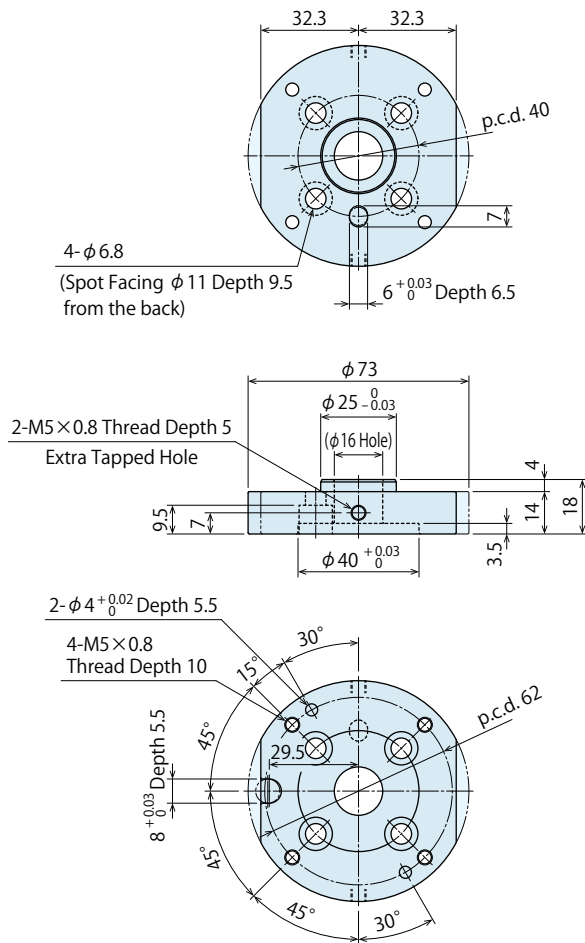


External Dimensions : SWRZ0120-MF5

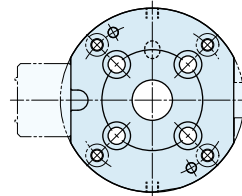
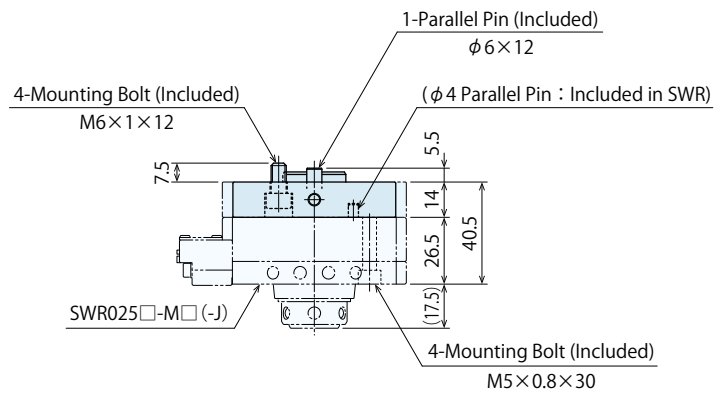
Robotic Hand Changer Applicable Model No.	Applicable Mounting Pattern No.
SWR012□-M□	5



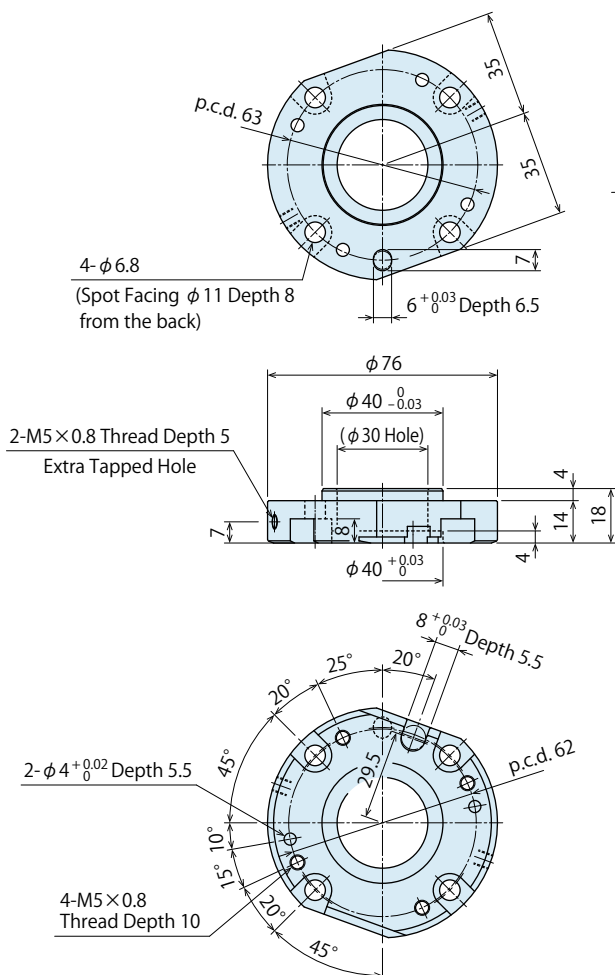
External Dimensions : SWRZ0250-MF3



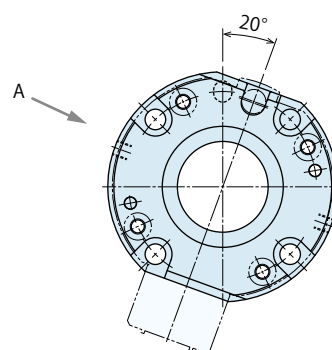
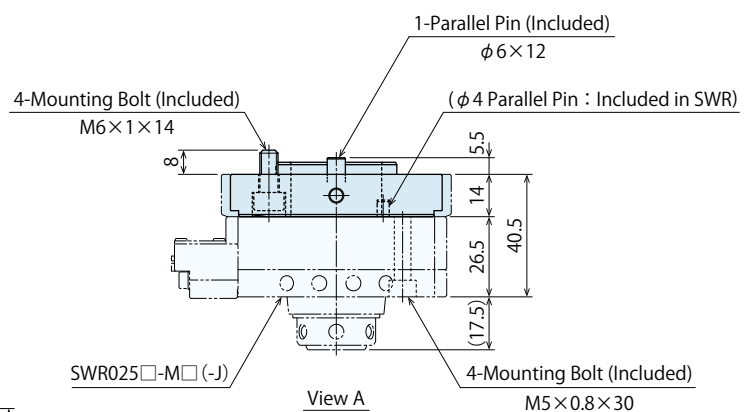
Robotic Hand Changer Applicable Model No.	Applicable Mounting Pattern No.
SWR025□-M□	3



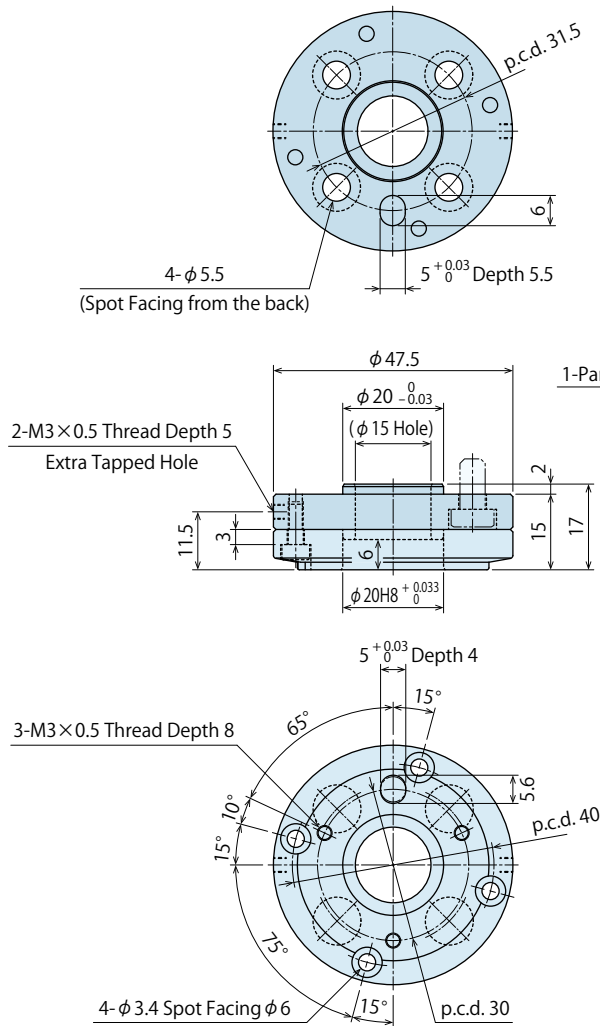
External Dimensions : SWRZ0250-MF5



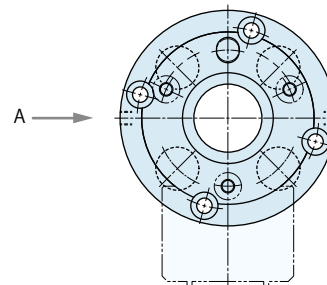
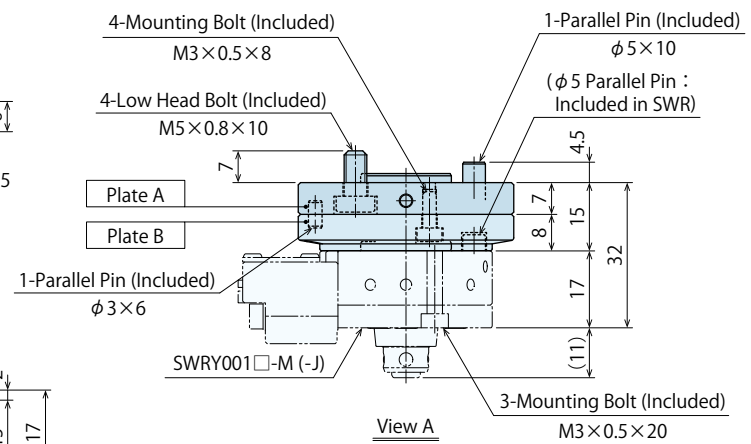
Robotic Hand Changer Applicable Model No.	Applicable Mounting Pattern No.
SWR025□-M□	5



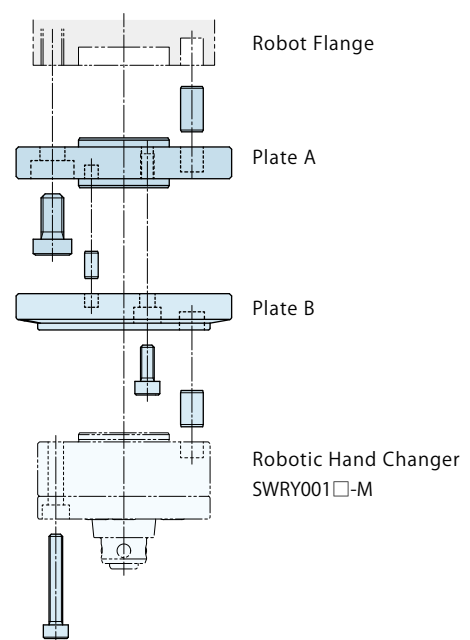
External Dimensions : SWRZY010-MF2



Robotic Hand Changer Applicable Model No.	Applicable Mounting Pattern No.
SWRY001□-M	2



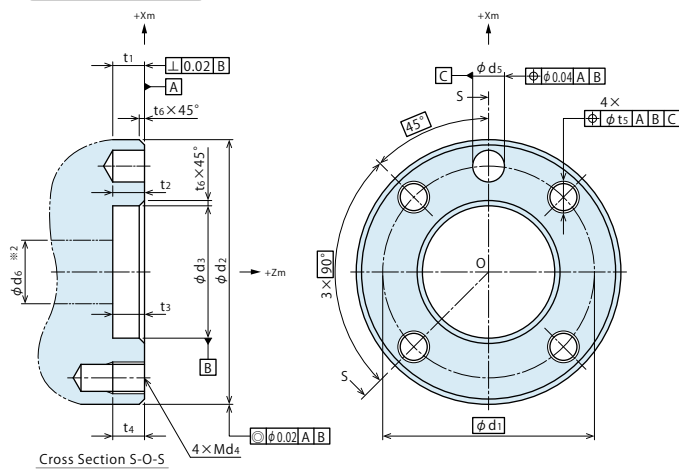
Installation Image



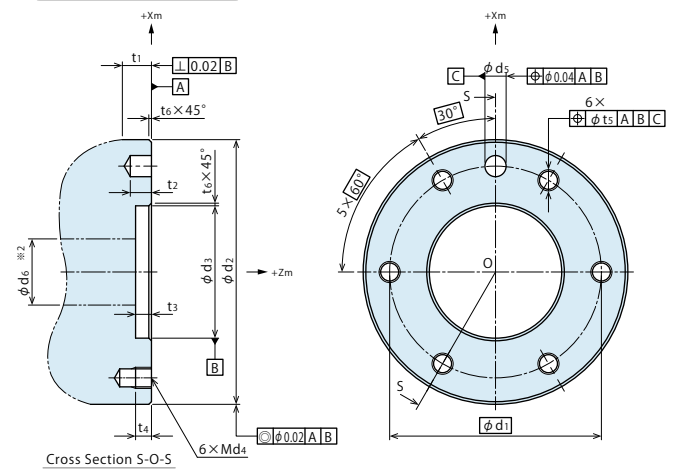
● Reference : Standard Dimensions of ISO Mounting Pattern

Extracted from JIS B 8436 : 2005 (ISO9409-1 : 2004)

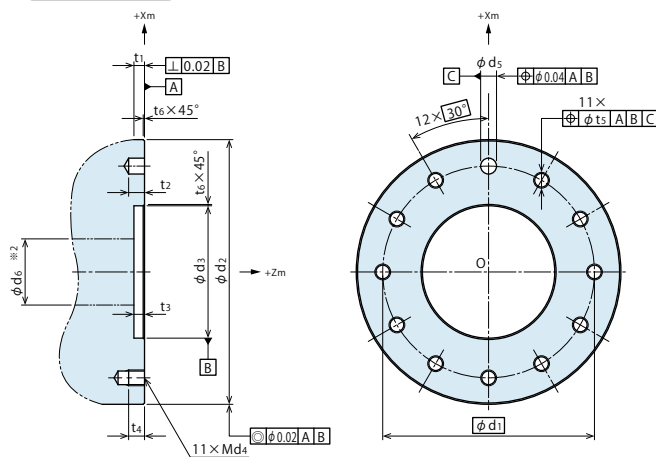
Number : 1 ~ 5



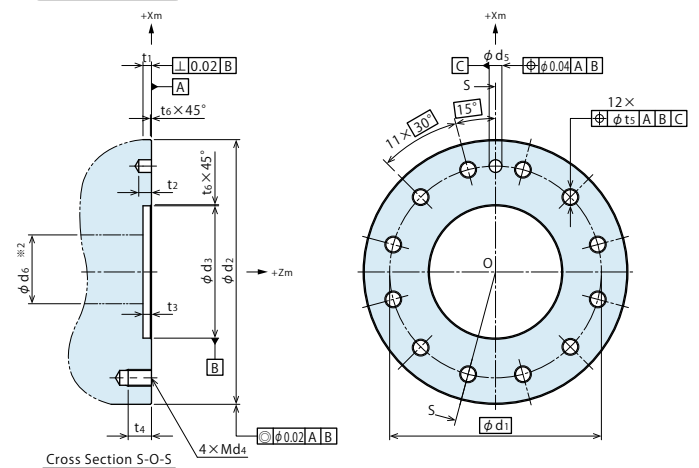
Number : 6 ~ 9, 11



Number : 10



Number : 12



● Dimensions of Flange Mounting Pattern

Unit : mm

Number	Pitch Circle Diam.*1 d ₁	d ₂ h8	d ₃ H7	d ₄	d ₅ H7	t ₁ Min.	t ₂ Min.	t ₃ Min.	t ₄	t ₅	t ₆ Min.	Number of Tapped Holes N
	Series 1											
1	25	34	16	M4	4	6	4	4	※1	0.2	0.5	4
2	31.5	40	20	M5	5	6	5	4	※1	0.2	0.5	4
3	40	50	25	M6	6	6	6	6	※1	0.2	1	4
4	50	63	31.5	M6	6	6	6	6	※1	0.2	1	4
5	63	80	40	M6	6	6	6	6	※1	0.2	1	4
6	80	100	50	M8	8	6	8	6	※1	0.4	1	6
7	100	125	63	M8	8	6	8	6	※1	0.4	1	6
8	125	160	80	M10	10	8	10	8	※1	0.4	1	6
9	160	200	100	M10	10	8	10	8	※1	0.4	1	6
10	160	200	100	M12	12	8	12	8	※1	0.4	1	11
11	200	250	125	M12	12	8	12	8	※1	0.4	1	6
12	200	250	125	M16	12	8	12	8	22	0.4	1	11

Notes :

※1. Please determine the minimum depth of a tapped hole (t₄) considering the material of the end effector mounting part.

※2. Preparation for wiring and piping of dimension (d₆) : A through hole can be machined at the center of the flange.

Diameter of the center hole (d₆) should be less than d₃.

1. Please refer to JIS B 8436 : 2005 (ISO 9409-1 : 2004) for further information.

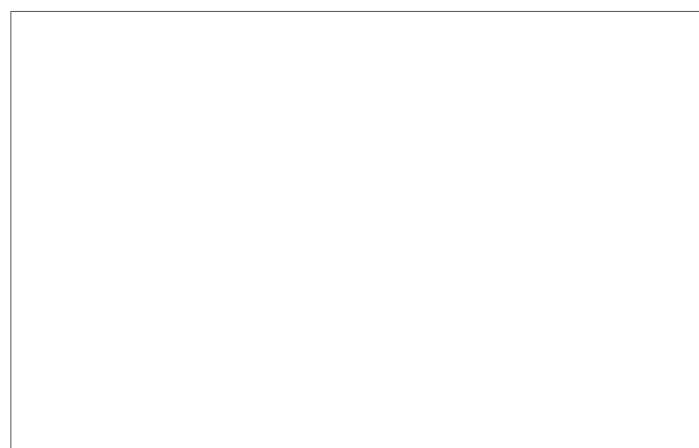


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- For Further Information on Unlisted Specifications and Sizes, Please call us.
- Specifications in this Leaflet are Subject to Change without Notice.

