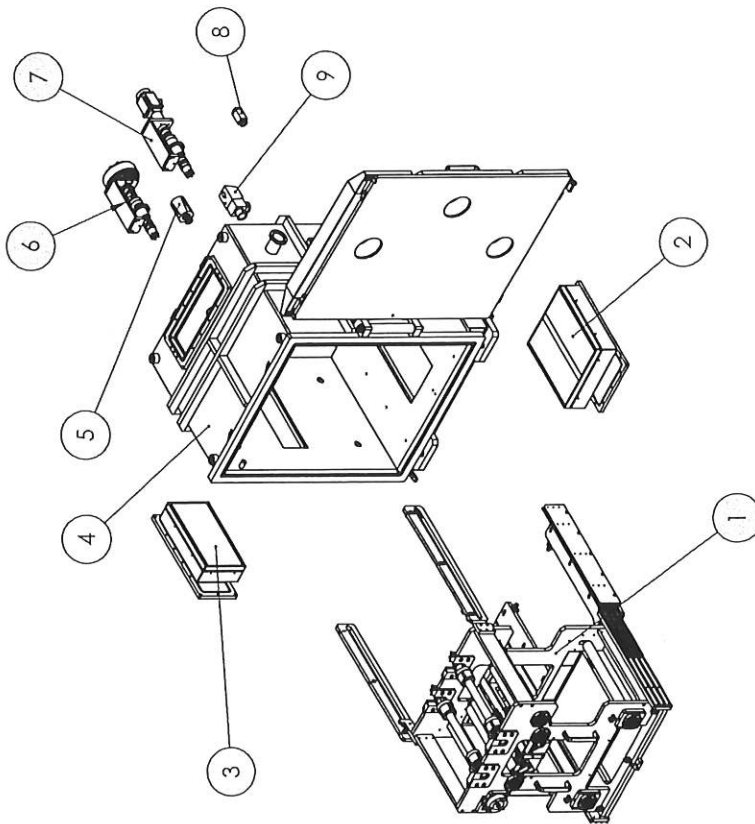
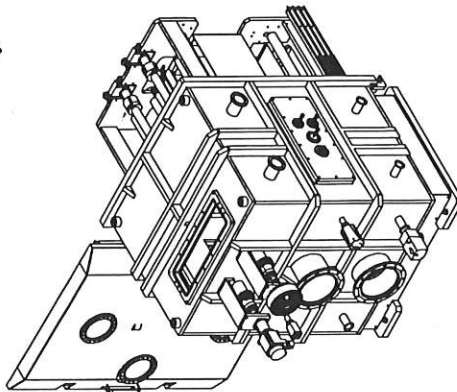
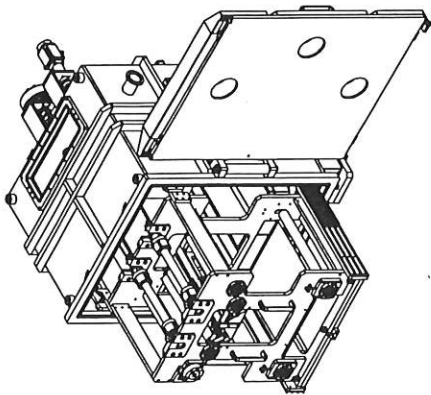


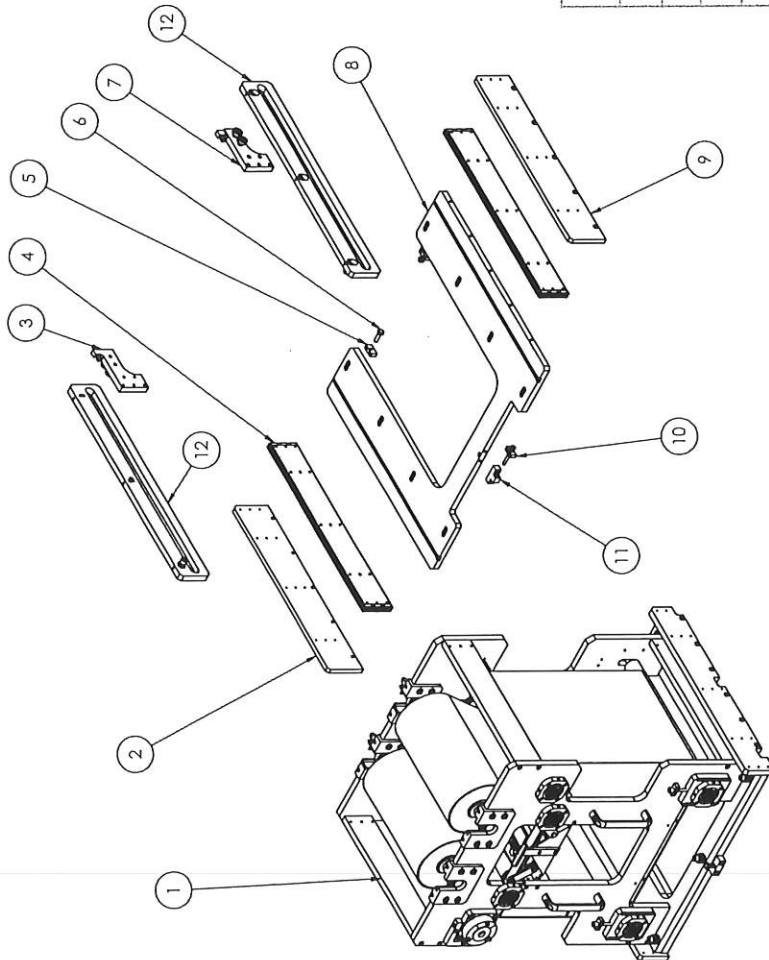
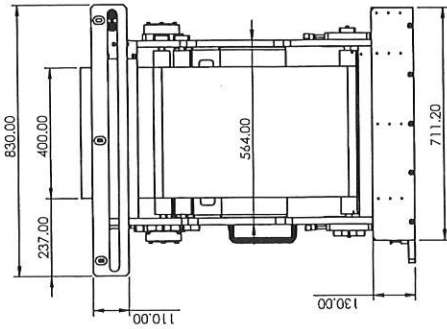
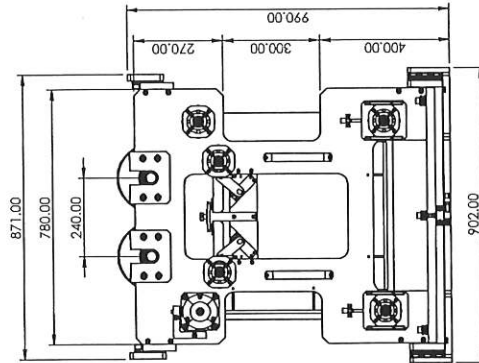
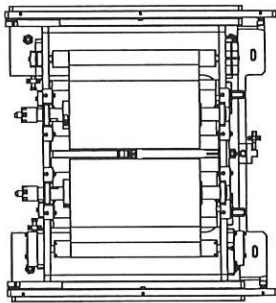
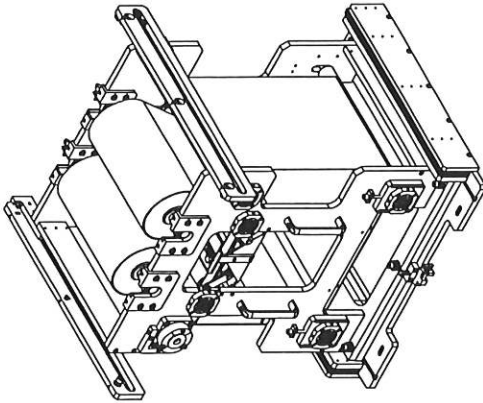


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DLC_R2R_Daiichi_VacRollSet V.2 + Slide rail_(260420)	-SLRL_R2R_DAI-CHI_Roll_690043_A -SLRL_R2R_DAI-CHI_Roll_690044_A -SLRL_R2R_DAI-CHI_Roll_690049_A	1
2	02_Coating power electrode_NS.STEP	-SLRL_R2R_DAI-CHI_PE_COA_690042_A	1
3	01_Treatment power electrode_NS.STEP	-SLRL_R2R_DAI-CHI_PE_COA_690043_A	1
4	DLC_R2R_1Batch_Chamber_(Blank_(260420)	-SLRL_R2R_DAI-CHI_CB_690001_A	1
5	CMX-0-XXX-2-3_Vacuum gauge DN25KF_(260420)	Standard part	1
6	DLC_R2R_1Batch_Rotary feedthrough set+Break_(260420)	-SLRL_R2R_DAI-CHI_Roll_690052_A	1
7	DLC_R2R_1Batch_Rotary feedthrough set+Motor_(260420)	-SLRL_R2R_DAI-CHI_Roll_690051_A	1
8	4923-PT03140010_wide range gauge DN25KF_(260420)	Standard part	1
9	Angle valve_DN40_(260420)	Standard part	1

APPROVAL		SIGN	DATE	สถานวิจัยแสงซินโครตรอน (องค์การมหาชน) Synchrotron Light Research Institute (Republic Organization)	
DESIGN	mongkol		20260527	TITLE: DLC_R2R_Daiichi_Main chamber - brake down assembly	
DRAWN	mongkol		20260527	- Rev.01	
CHECKED	Krekrit S.			LIFE CYCLE	
RELEASED				SCALE 1:25	
APPROVED				MATERIAL See each detail drawing	
GENERAL TOLERANCES ISO 2768-MK STANDARD DRAWING ISO 5457			PROJECTION 	Revision DRAWING NO. SLRL_R2R_DAI-CHI_Roll_690053_A	SHEET 1 / 1
SIZE A3			Revision 01	UNIT: mm	

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DLC_R2R_Daiichi_VacRollSet V.2_(260420)	SLRL_R2R_DAI-CHI_Rail_690044_A	1
2	DLC_R2R_Daiichi_VacRollSet V.2_L-outer support for slide rail_(260420)	Sheet 2	1
3	DLC_R2R_Daiichi_VacRollSet V.2_R-outer support for slide rail_(260420)	Sheet 3	1
4	KC-1411-28_(260420)	Standard part	2
5	TSBS10-13_Threated stopper block_(260420)	Standard part	2
6	Bolt M10x35_(260420)	Standard part	2
7	MirrorDLC_R2R_Daiichi_VacRollSet_Top guide support set_(260420)	Sheet 4	1
8	DLC_R2R_Daiichi_VacRollSet V.2_Bottom base_(260420)	Sheet 5	1
9	DLC_R2R_Daiichi_VacRollSet V.2_R-outer support for slide rail_(260420)	Sheet 6	1
10	DLC_R2R_1Batch_Push-pull M8x40 set_(260420)	Standard part	1
11	DLC_R2R_Daiichi_VacRollSet V.2 + Slide rail_H-Adjusting block_(260420)	Sheet 7	1
12	DLC_R2R_Daiichi_VacRollSet_Top bearing-guide support_(260420)	Sheet 8	2



APPROVAL		SIGN	DATE	Siam Photon สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน) Synchrotron Light Research Institute (Republic Organization)	
DESIGN	mongkol	20260508	20260508	TITLE: DLC_R2R_Daiichi_VacRollSet V.2 + Slide rail_(260420)	
DRAWN	mongkol	20260508		SCALE 1:15	
CHECKED	Kerkrit S.			MATERIAL See the details of each sheet.	
RELEASED				DRAWING NO. SLRL_R2R_DAI-CHI_Rail_690043_A	
APPROVED				SHEET 1 / 8	
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457		PROJECTION	SIZE A3	Revision 01	
			UNIT: mm		

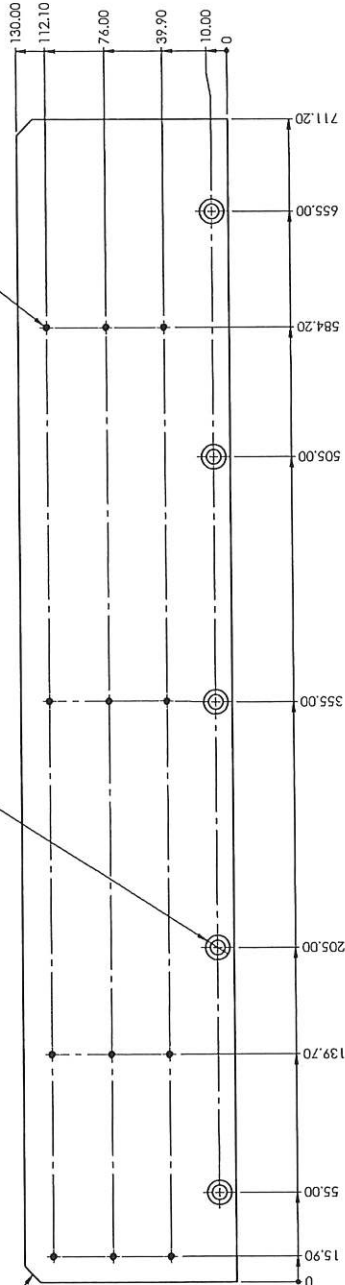
01	Revised item no.3&7 to add Stopper	Mongkol P. 260609	EDITOR	DATE	APPROVAL	DATE
REV.	DESCRIPTION					

Item No = 2
QTY. = 1 pc.

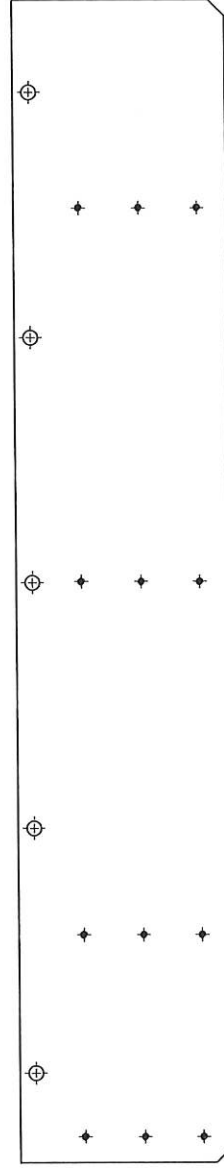
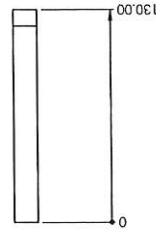
12 x Ø 3.30 THRU ALL
M4x0.7 - 6H THRU ALL

5 x Ø 9.00 ± 19.75
Ø 15.00 ± 8.00

10.00 X 45.00°



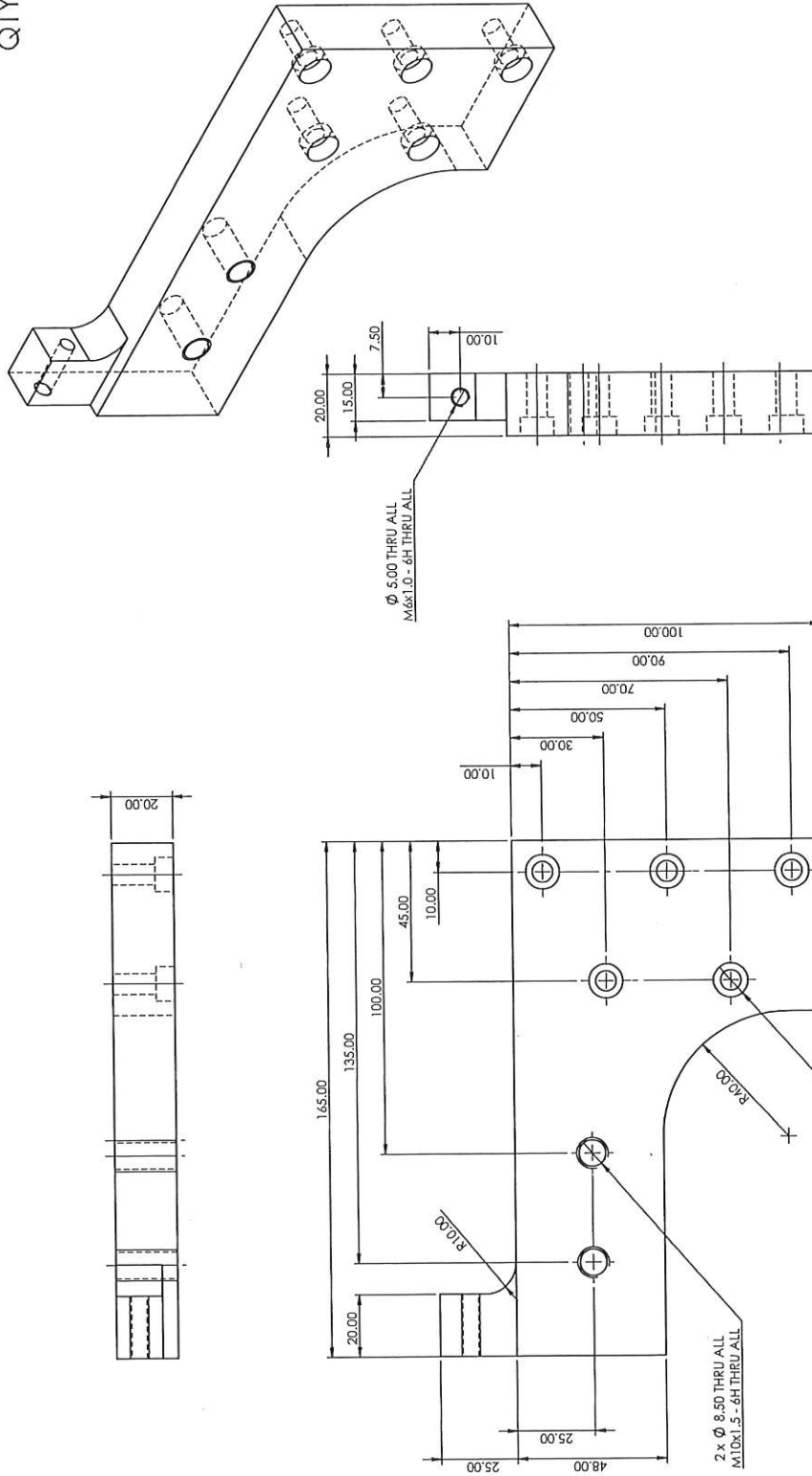
15.00



DESIGN	APPROVAL	SIGN	DATE	สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน) Synchrotron Light Research Institute (Republuc Organization)		
DRAWN	mongkol	etc.	20260508	DLC_R2R_Daiichi_VacRollSet V.2_L-outer support for slide rail (260420)		
CHECKED	mongkol	etc.	20260508	TITLE		
RELEASED	Krerkrit S.			LIFE CYCLE		
APPROVED				MATERIAL		
GENERAL TOLERANCES ISO 2768-mS STANDARD DRAWING ISO 5457				DRAWING NO.		
PROJECTION				SCALE		
SIZE				1:3		
REVISION				SHEET		
A3				2 / 8		
01				SLRI_R2R_DAI-ICHI_Roll_690043_A		

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

Item No = 3
QTY.= 1 pc.



สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Republic Organization)

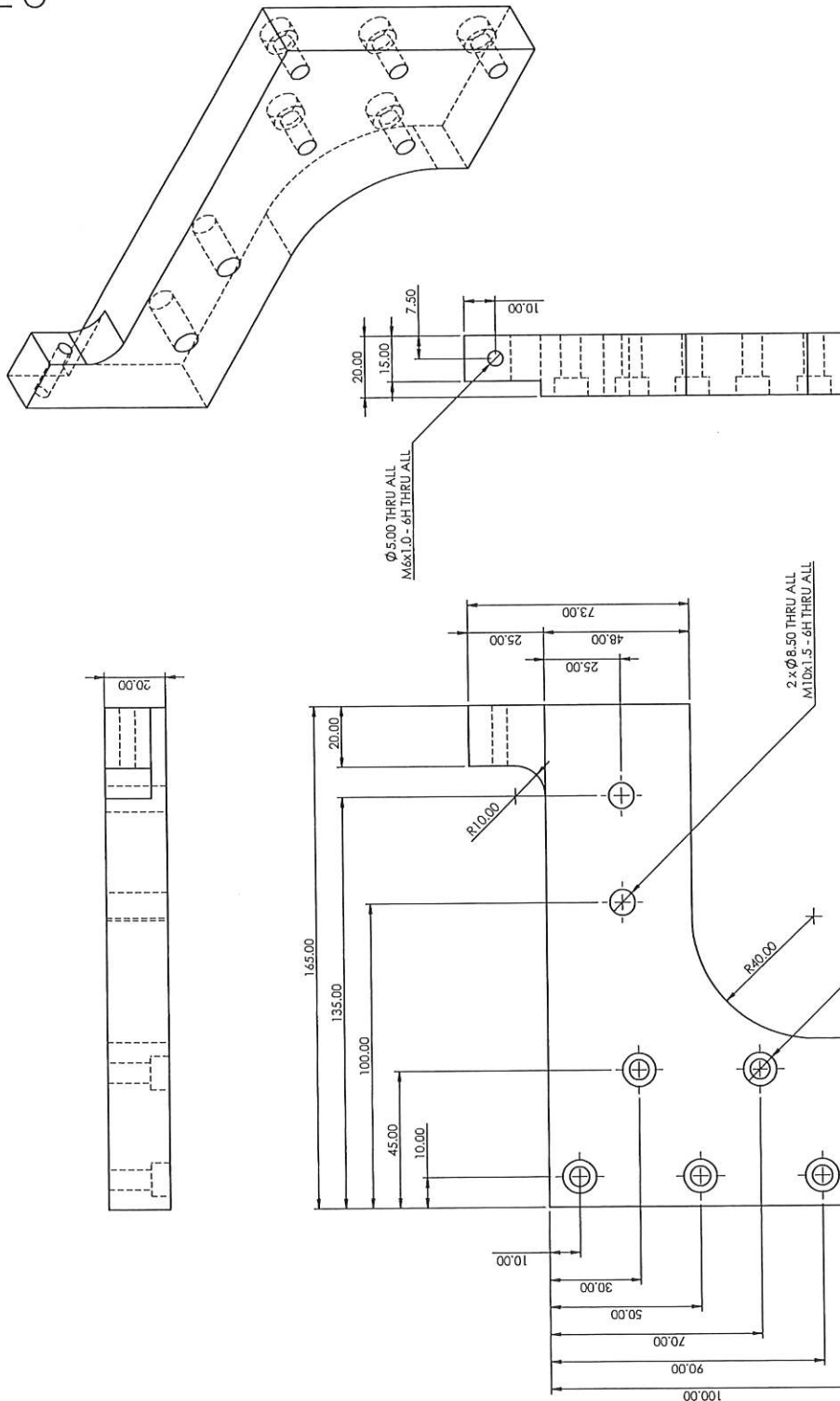
APPROVAL	SIGN	DATE
DESIGN	mongkol	20260508
DRAWN	mongkol	20260508
CHECKED	Kierkrit S.	
RELEASED		
APPROVED		

TITLE:
DLC_R2R_Daiichi_VacRollSet_Top guide
support_rev01_(260420)

SCALE	DRAWING NO.	SHEET
2:3	SLRL_R2R_DAI-CHI_Roll_690043_A	3 / 8
SIZE	Revision	UNIT: mm
A3	01	3

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE
01	Revised part to add Stopper	Mongkol P.	260609		

Item No = 7
QTY.= 1 pc.



เอกสารแนบท้ายจากต้นเรื่อง

สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Republuc Organization)

APPROVAL	SIGN	DATE
DESIGN	mongkol	20260508
DRAWN	mongkol	20260508
CHECKED	Krerkrit S.	
RELEASED		
APPROVED		

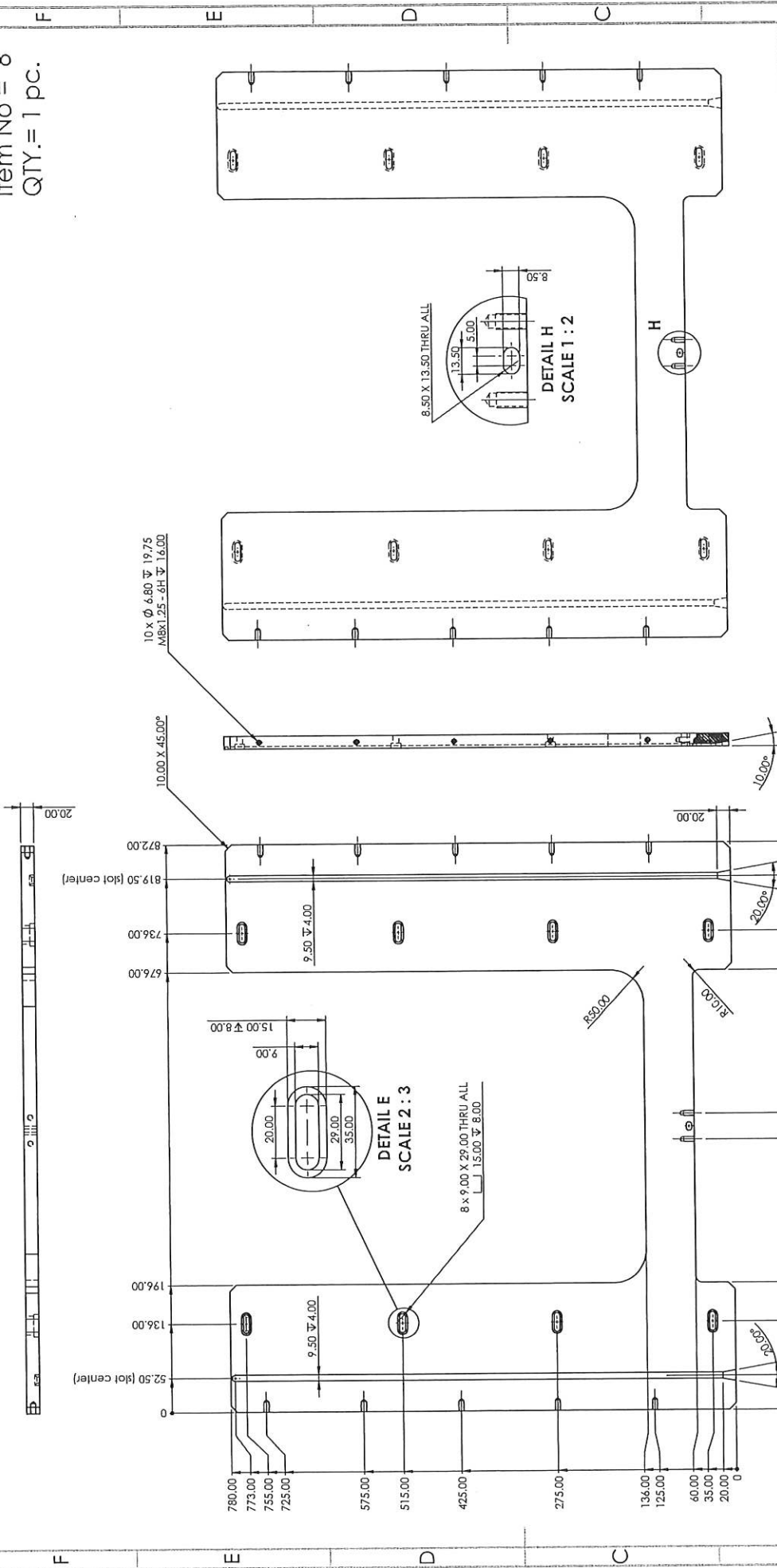
TITLE: MirrorDLC_R2R Daiichi_VacRollSet_Top guide
support_rev01_(260420)

SIZE	Revision	DRAWING NO.	SHEET
A3	01	SLRL_R2R_DAI-CHI_Roll_690043_A	4 / 8

GENERAL TOLERANCES	PROJECTION	UNIT
ISO 2768-mk STANDARD DRAWING ISO 5457		mm

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE
01	Revised part to add Stopper	Mongkol P.	260609		

Item No = 8
QTY.= 1 pc.

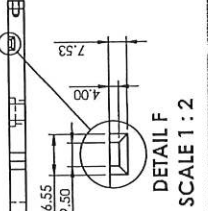


สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Republic Organization)

DESIGN	APPROVAL	SIGN	DATE
mongkol	mongkol		20260508
CHECKED	RELEASED	APPROVED	
Kerkrit S.			

TITLE:		DLC_R2R_Daiichi_VacRollSet V.2_Bottom base_(260420)	
LIFE CYCLE		SCALE	
		1:6	
MATERIAL		DRAWING NO.	
AISI304		SLRI_R2R_DAI-ICHI_Rol_690043_A	
Revision		SHEET	
01		5 / 8	

GENERAL TOLERANCES		PROJECTION	
ISO 2768-MK			
STANDARD DRAWING			
ISO 5457			

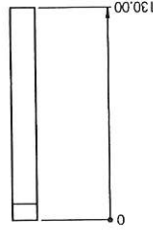
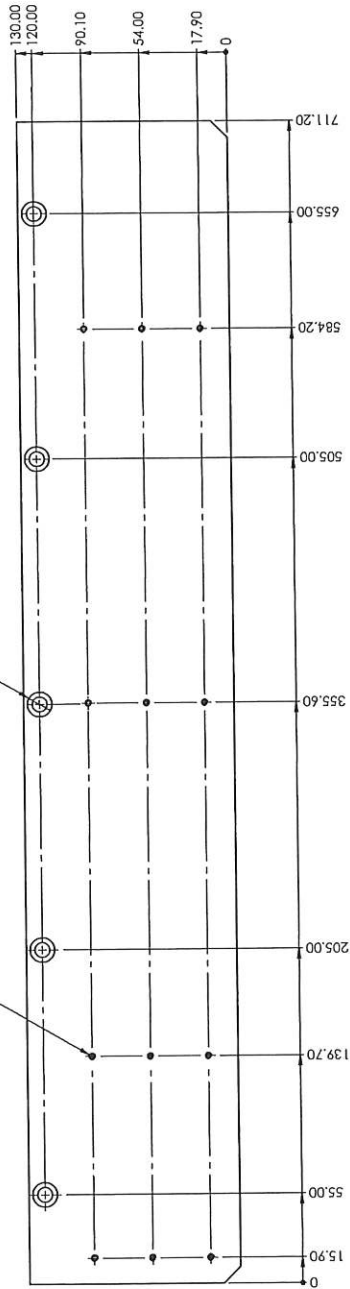


REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

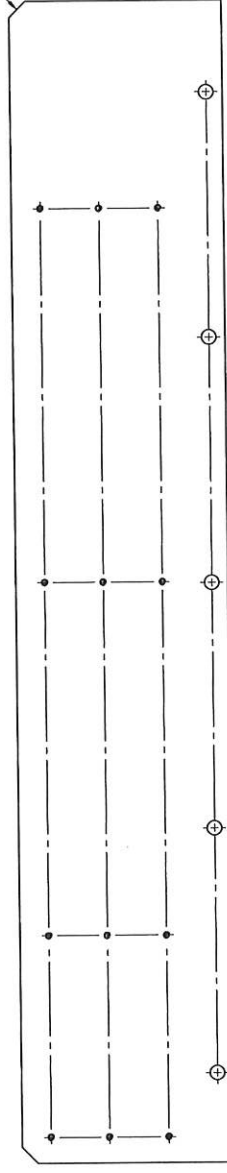
Item No = 9
QTY. = 1 pc.

5 x Ø9.00 THRU
Ø15.00 ± 8.00

12 x Ø3.30 THRU ALL
MAX 0.7 - 6H THRU ALL



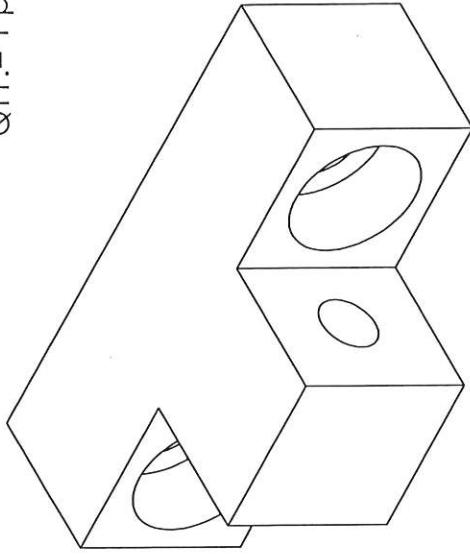
10.00 X 45.00°



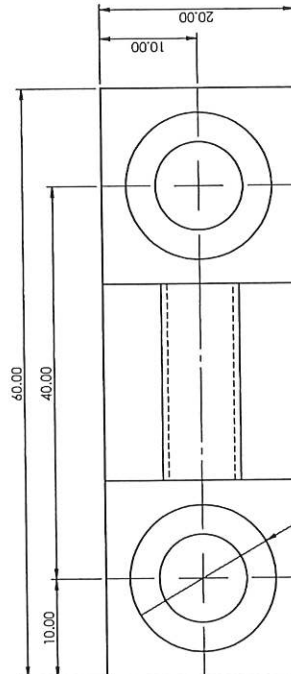
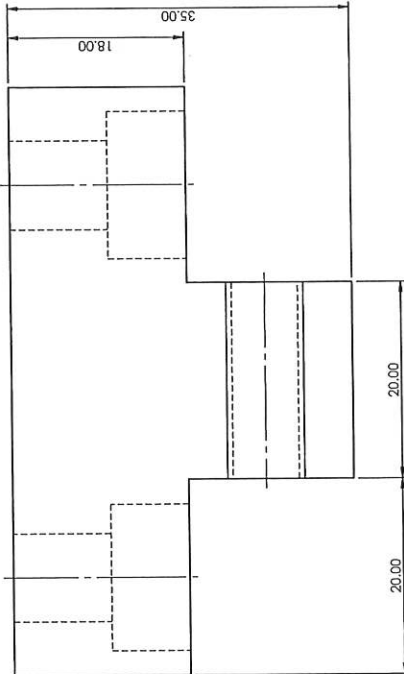
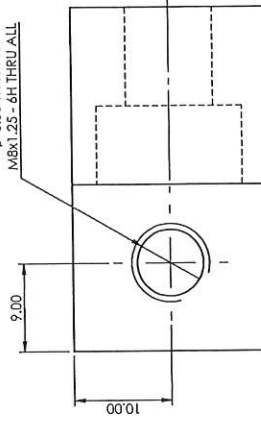
APPROVAL	SIGN	DATE
DESIGN	mongkol	20260320
DRAWN	mongkol	20260320
CHECKED	Kerkrit S.	
RELEASED		
APPROVED		
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457		
PROJECTION		
SIZE	Revision	DRAWING NO.
A3	01	SLRI_R2R_DAI-CHI_CB_690034_A/6/8
SHEET		
6 / 8		
TITLE:		
DLC_R2R_Daiichi_VacRollSet V.2_R-outer support for slide rail (260420)		
LIFE CYCLE		
MATERIAL		
AISI304		
SCALE		
1:15		
Siam Photon		
สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)		
Synchrotron Light Research Institute (Republuc Organization)		

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

Item No = 11
QTY.= 1 pc.



Ø 6.80 THRU ALL
MBX1.25 - 6H THRU ALL



2 x Ø 9.00 THRU ALL
L Ø 15.00 ± 8.00

DESIGN	APPROVAL	SIGN	DATE
DRAWN	mongkol	es.	20260320
CHECKED	mongkol	es.	20260320
RELEASED	Kierkrit S.		
APPROVED			

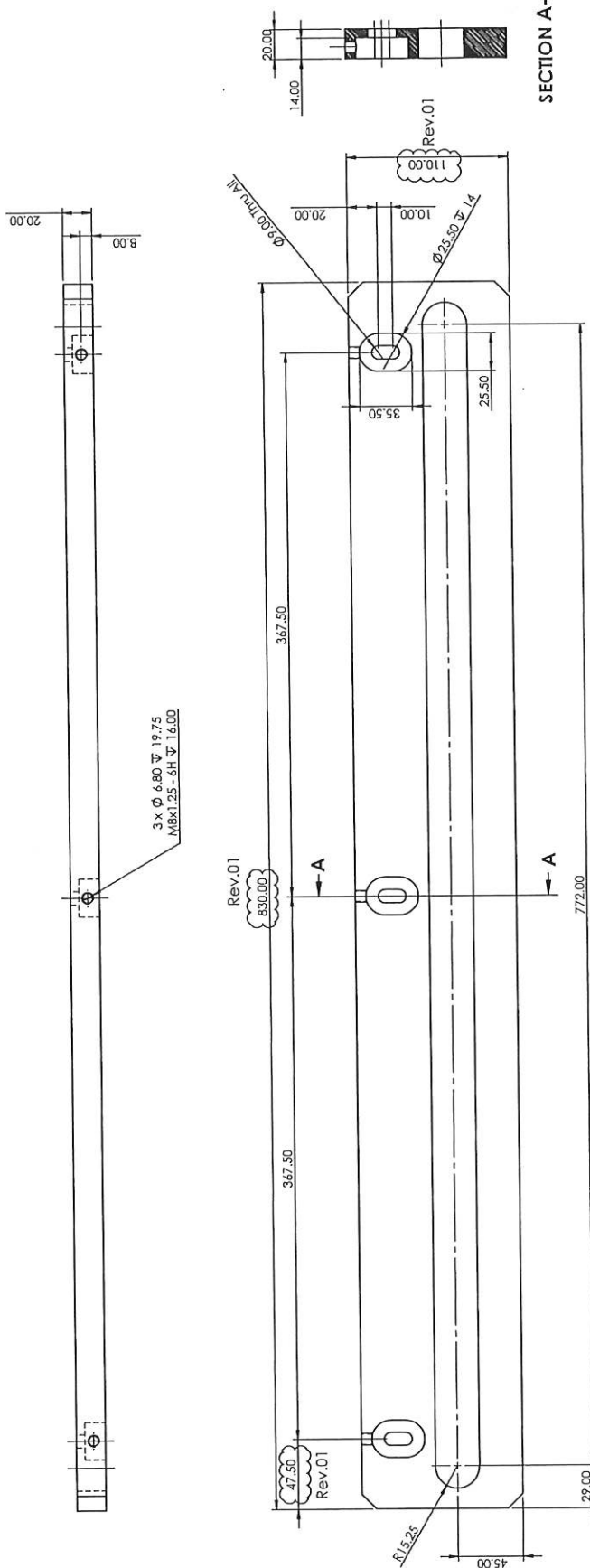
สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Republuc Organization)

TITLE:
DLC_R2R_Daiichi_VacRollSet V.2 + Slide rail_H-Adjusting
block_(260420)

DUECK 200420		LIFE CYCLE		MATERIAL		SCALE	
RELEASED				AIS304		2:1	
APPROVED							
GENERAL TOLERANCES		PROJECTION		DRAWING NO.		SHEET	
ISO 2768-mk				SLRI_R2R_DAI-CHI_CB_690034_A		7 / 8	
STANDARD DRAWING		SIZE		Revision			
ISO 5457		A3		01			
		UNIT: mm		3			

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

Item No = 12
QTY.= 2 pcs.



SECTION A-A

สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Republic Organization)

APPROVAL	SIGN	DATE
DESIGN	mongkol	20260508
DRAWN	mongkol	20260508
CHECKED	Krerkrit S.	
RELEASED		
APPROVED		

TITLE: DLC_R2R_Daiichi_VacRollSet_Top bearing-guide
support_260420

GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457	PROJECTION	SIZE A3	Revision 01	DRAWING NO. SLRL_R2R_DAI-ICHI_Roll_690043_A	SHEET 8 / 8

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE
01	-Changed the length dim. -Added the width dim.	Mongkol P.	260420		



สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Republic Organization)

TITLE:
DLC_R2R_Daiichi_VacRollSet V.2_(260420)

LIFE CYCLE MATERIAL See each detail sheet SCALE 1:20

DRAWING NO. SLRI_R2R_DAI-ICHI_Roll_690044_A 1 / 25

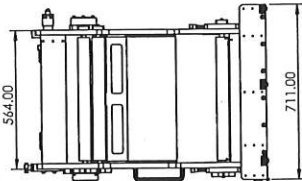
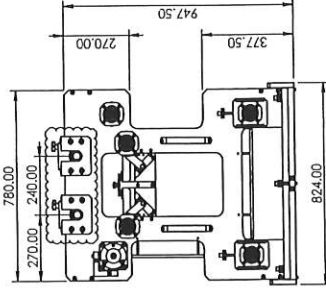
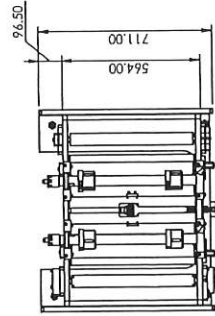
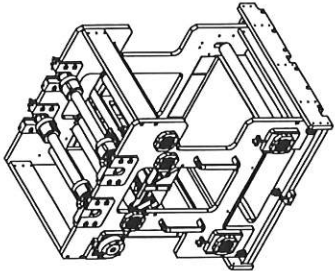
Revision 01 SIZE A3

PROJECTION

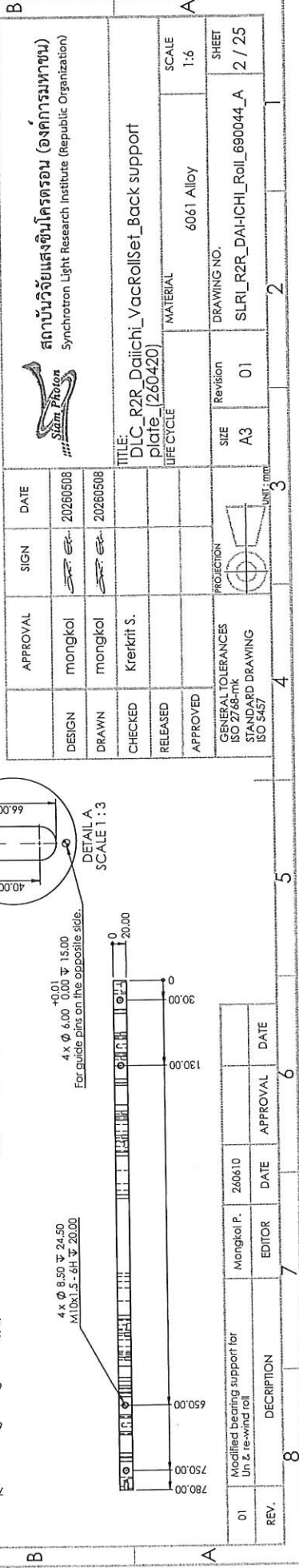
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457

APPROVAL	SIGN	DATE
DESIGN	mongkol	20260508
DRAWN	mongkol	20260508
CHECKED	Krerkrit S.	
RELEASED		
APPROVED		

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DLC_R2R_Daiichi_VacRollSet_Back support plate_(260420)	Sheet 2	1
2	DLC_R2R_Daiichi_Nib Roll set_(260420)	SLR_R2R_DAI-ICHI_Roll_690049_A	1
3	DLC_R2R_Daiichi_RollLoad cell set_(260420)	Sheet 3-6	1
4	DLC_R2R_Daiichi_VacRollSet_Ground plate for Treatment head_(260420)	Sheet 7	1
5	Unwind & Rewind roll set assembly_(260420)	Sheet 8-9	2
6	DLC_R2R_Daiichi_VacRollSet V.2_Side support_(260420)	Sheet 10	4
7	DLC_R2R_Daiichi_VacRollSet_Front support plate_(260420)	Sheet 11	1
8	AJKCS8-10_(260420)	Standard part	4
9	C-AJKN8-50_(260420)	Standard part	4
10	DLC_R2R_Daiichi_VacRollSet V.2_L-inner support for slide rail_(260420)	Sheet 12	1
11	DLC_Roll2Roll_SSA01_250829_(260420)	Standard part	5
12	BWP30-11-20_One-Sided Rollers_(260420)	Standard part	6
13	ELSMXYKS12.stp_(260420)	Standard part	1
14	DLC_R2R_Daiichi_VacRollSet V.2 + Slide rail_Slide locking block_(260420)	Sheet 13	1
15	DLC_R2R_Daiichi_VacRollSet V.2_Top base_(260420)	Sheet 14	1
16	DLC_R2R_Daiichi_VacRollSet V.2_Middle base_(260420)	Sheet 15	1
17	DLC_R2R_Daiichi_VacRollSet V.2_R-inner support for slide rail_(260420)	Sheet 16	1
18	DLC_R2R_Daiichi_VacRollSet_Ground plate for Coating head_(260420)	Sheet 17	1
19	DLC_R2R_Daiichi_Roll slide set with housing_(260420)	Sheet 18-21	2
20	DLC_R2R_Daiichi_Roll slide set with housing V.2_(260420)	Sheet 22	3
21	Hand-door_C-UADEL196_(260420)	Standard part	2
22	DLC_R2R_Daiichi_VacRollSet_Un&Re-wind bearing front support plate	Sheet 23	2
23	DLC_R2R_Daiichi_VacRollSet_Un&Re-wind bearing front support_Locking plate	Sheet 24	2
24	C-NWJMB-20-214.step	Standard part	2
25	DLC_R2R_Daiichi_VacRollSet_Un&Re-wind bearing back support plate	Sheet 25	2

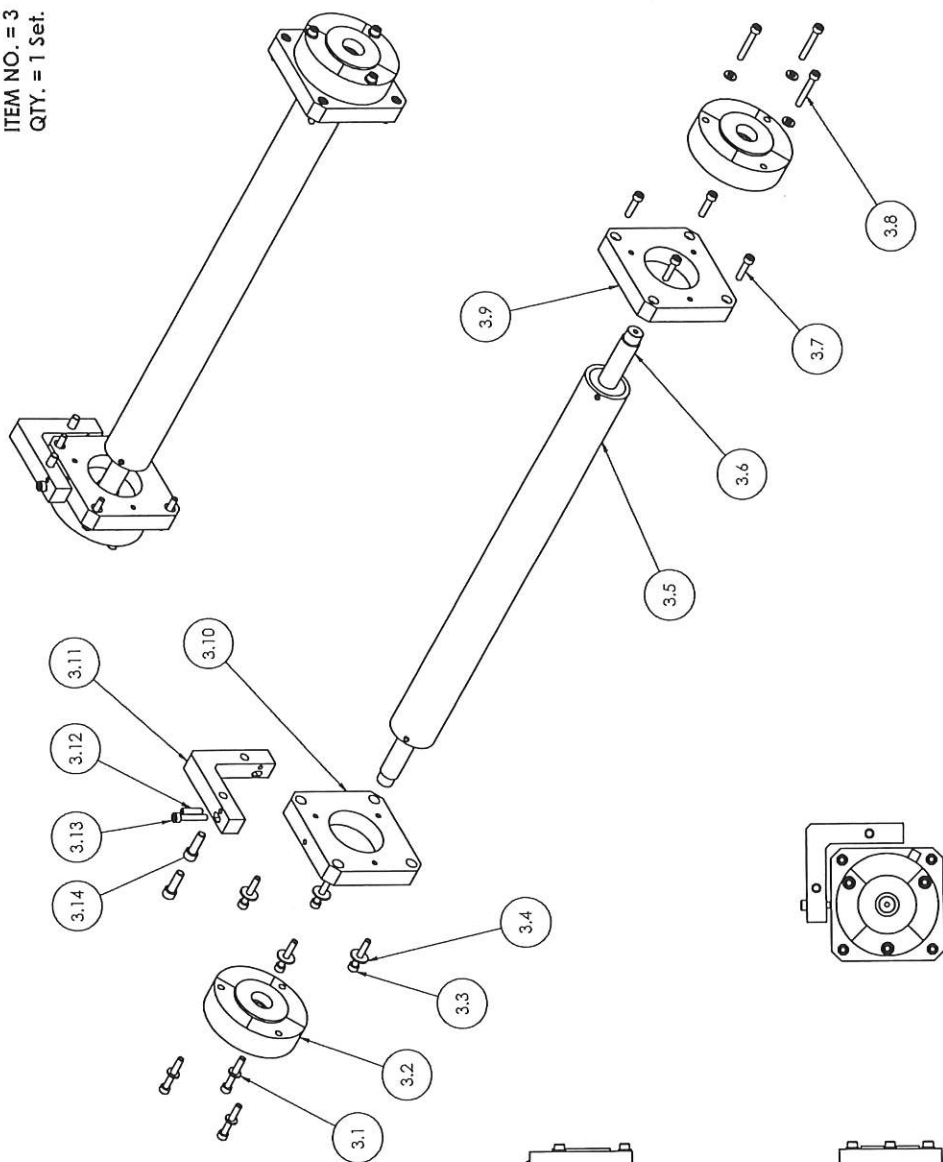


REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE
01	Modified bearing support for Un & re-wind roll	Mongkol P.	260610		

[illegible]

ITEM NO. = 3
QTY. = 1 Set.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
3.1	B18.22M - Plain washer, 6 mm, narrow	Standard part	6
3.2	Load cell_LX7-50FN17_(260420)	Standard part	2
3.3	Socket M6x35	Standard part	4
3.4	B18.22M - Plain washer, 6 mm, regular	Standard part	4
3.5	SH-ROUNLA50-20-L500_(260420)	Standard part	1
3.6	PSSFGH20-620-F12-P17-M6-T12_(260420)	Standard part	1
3.7	Socket M6x25	Standard part	4
3.8	Socket M6x40	Standard part	6
3.9	DLC_R2R_Daiichi_Roll+Load cell_Back plate_(260420)	Sheet 4	1
3.10	DLC_R2R_Daiichi_Roll+Load cell_Front plate_(260420)	Sheet 5	1
3.11	DLC_R2R_Daiichi_Roll+Load cell_Adjusting plate_(260420)	Sheet 6	1
3.12	socket set screw flat point_arn	Standard part	1
3.13	B18.3.1M - 6 x 1.0 x 35 Hex SHCS - 24NHX	Standard part	1
3.14	Socket M8x25	Standard part	2



สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
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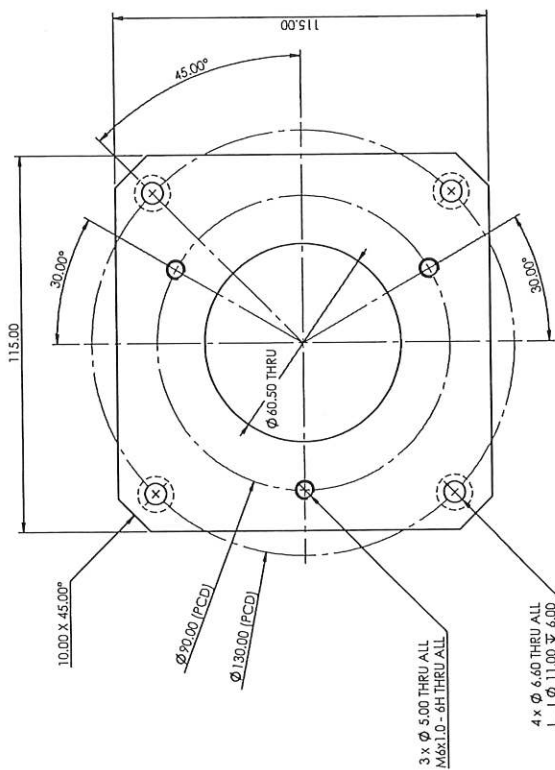
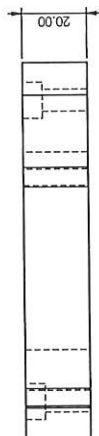
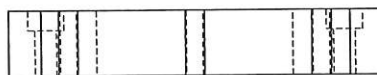
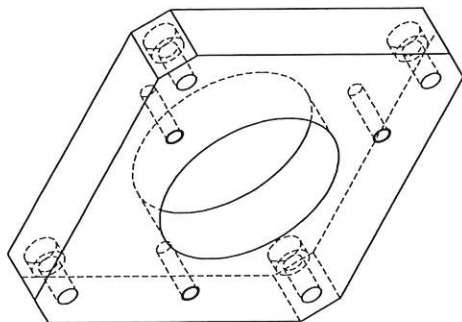
DESIGN	APPROVAL	SIGN	DATE
mongkol	mongkol	mongkol	20260508
DRAWN	mongkol	mongkol	20260508
CHECKED	Krerkrit S.		
RELEASED			
APPROVED			

TITLE: DLC_R2R_Daiichi_Roll+Load cell set_(260420)

LIFE CYCLE	MATERIAL	SCALE	SHEET
		1:5	3 / 25
		See each detail sheet	
		DRAWING NO.	
		Revision	
		SIZE	
		A3	
		01	
		SLRL_R2R_DAI-ICHI_Roll_690044_A	
		ISO 5457	

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

ITEM NO. = 3.9
QTY. = 1 pc.



เอกสารแนบท้ายจากต้นเรื่อง

สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Republic Organization)

TITLE: DLC_R2R_Daiichi_Roll+Load cell_Back plate_(260420)

LIFE CYCLE MATERIAL 6061 Alloy SCALE 2:3

DRAWING NO. SLR1_R2R_DAI-ICHI_Roll_690044_A SHEET 4 / 25

Revision 01

SIZE A3

UNIT: mm

APPROVAL	SIGN	DATE
DESIGN	mongkol	20260508
DRAWN	mongkol	20260508
CHECKED	Krerkrit S.	
RELEASED		
APPROVED		
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457		
PROJECTION		

3

4

5

6

7

8

DESCRIPTION

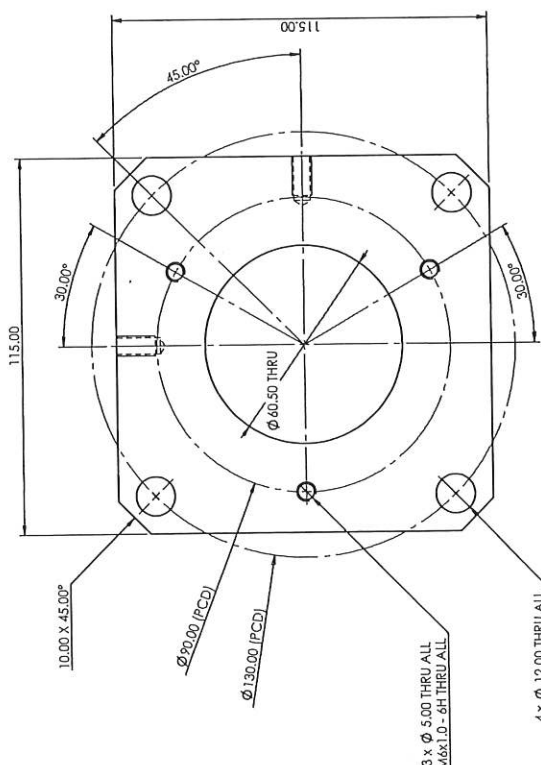
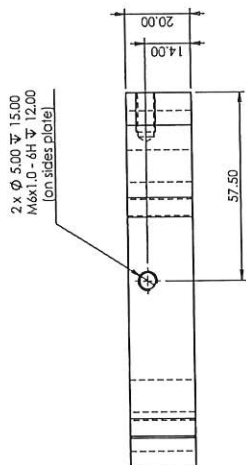
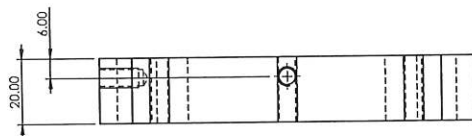
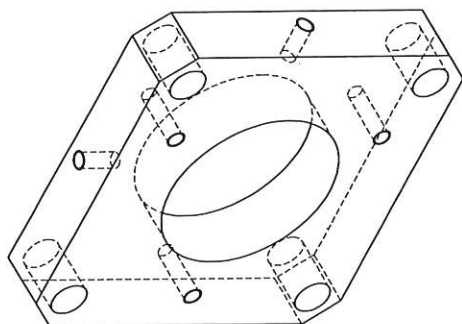
EDITOR

DATE

APPROVAL

DATE

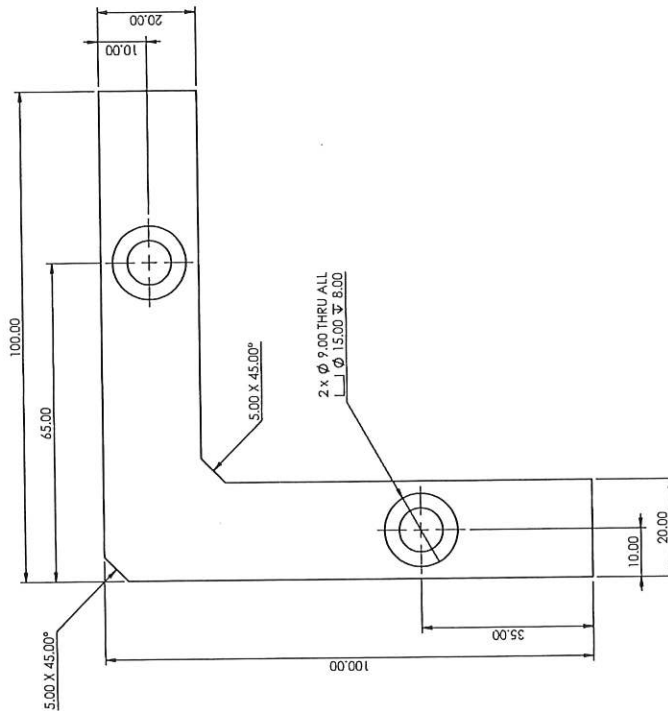
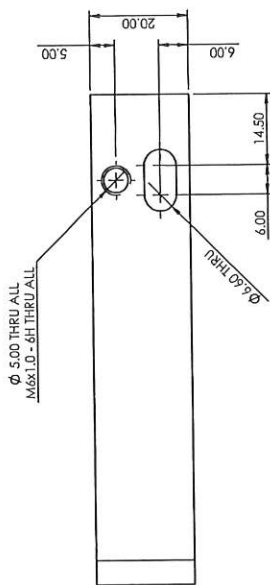
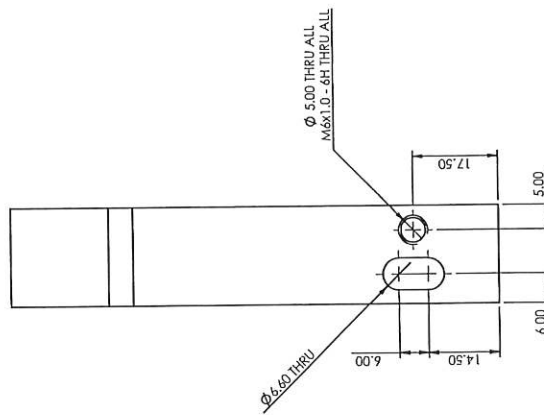
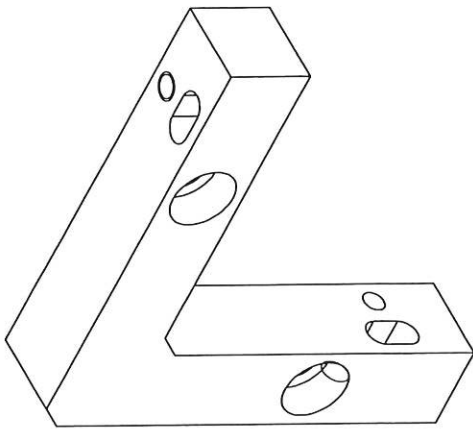
ITEM NO. = 3.10
QTY. = 1 pc.



		สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน) Synchrotron Light Research Institute (Republic Organization)		TITLE: DLC_R2R_Daiichi_Roll+Load cell_Front plate_(260420)	
DESIGN	mongkol	SIGN	20260508	DATE	20260508
DRAWN	mongkol	SIGN	20260508	DATE	20260508
CHECKED	Krekrut S.	SIGN		DATE	
RELEASED		SIGN		DATE	
APPROVED		SIGN		DATE	
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457		PROJECTION 		LIFE CYCLE MATERIAL 6061 Alloy	
SCALE 2:3		DRAWING NO. SLRL_R2R_DAI-ICHI_Roll_690044_A		SHEET 5 / 25	
SIZE A3		Revision 01		UNIT: mm	

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

ITEM NO. = 3.11
QTY. = 1 pc.



สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Republic Organization)

APPROVAL	SIGN	DATE
DESIGN	mongkol	20260508
DRAWN	mongkol	20260508
CHECKED	Krerkrit S.	
RELEASED		
APPROVED		

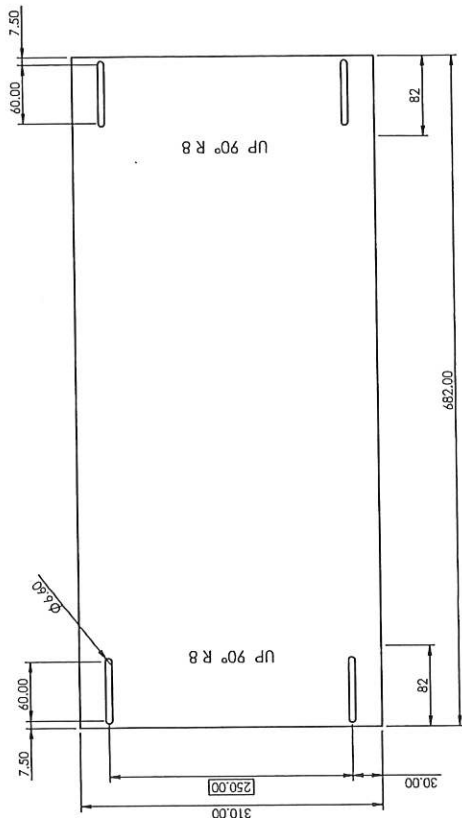
TITLE: DLC_R2R_Daiichi_Roll+Load cell_Adjusting
plate_260420

SCALE	MATERIAL	DRAWING NO.	SHEET
1:1	6061 Alloy	SLRI_R2R_DAI-ICHI_Rol_690044_A	6 / 25
SIZE	Revision		
A3	01		

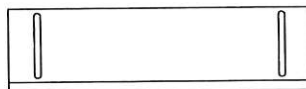
REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

Unit: mm

ITEM NO. = 4
QTY. = 1 pc.



FLAT PATTERN



สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Republic Organization)

APPROVAL	SIGN	DATE
DESIGN	mongkol	20260508
DRAWN	mongkol	20260508
CHECKED	Krerkrit S.	
RELEASED		
APPROVED		

TITLE:
DLC_R2R Daiichi VacRollSet_Ground plate for
Treatment head_260420

SCALE	1:5
MATERIAL	ASI 304
DRAWING NO.	SLRI_R2R_DAI-ICHI_Roll_690044_A
SHEET	7 / 25
SIZE	A3
Revision	01

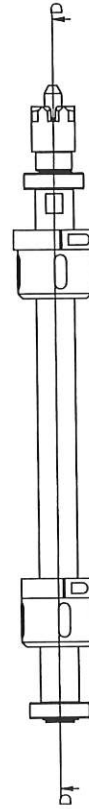
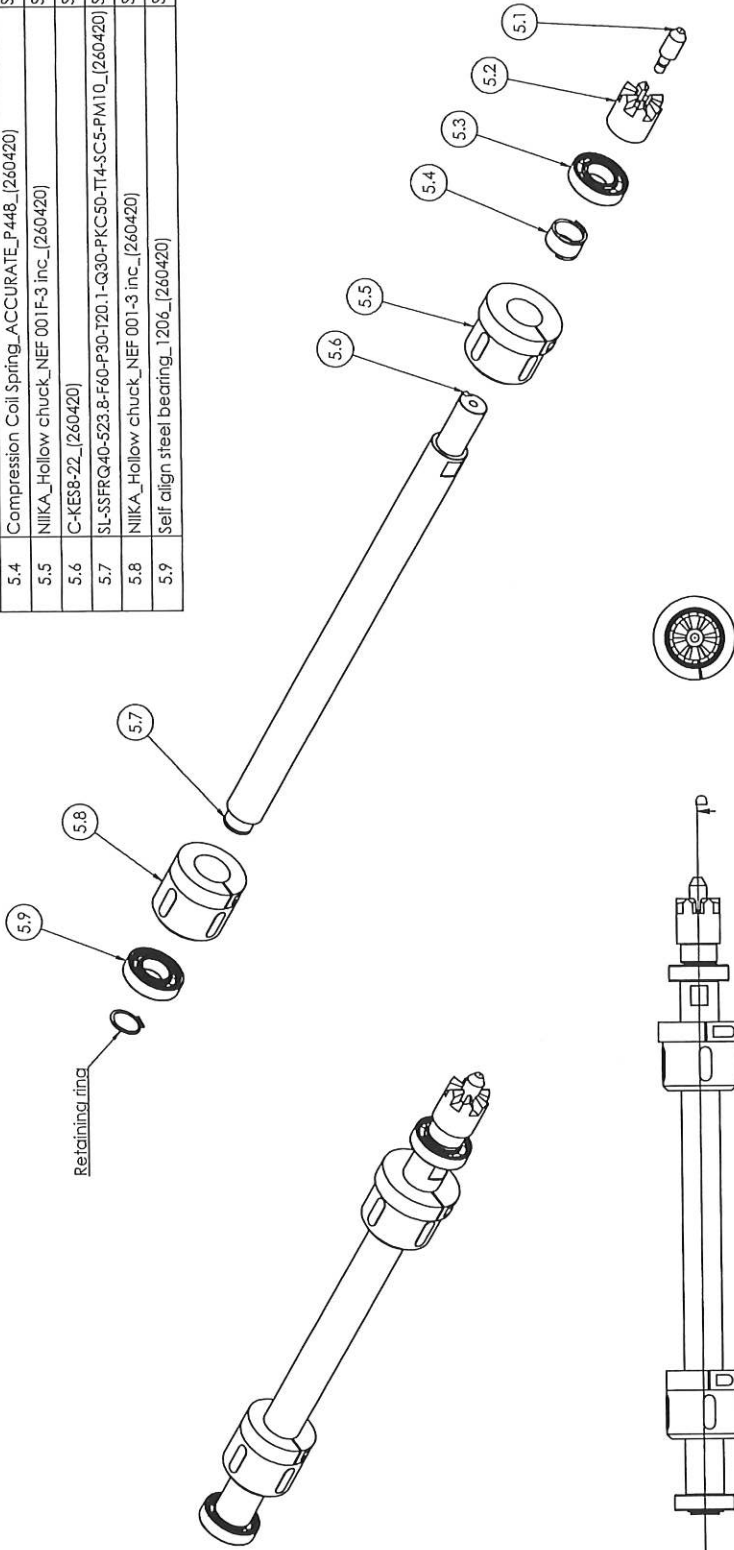


GENERAL TOLERANCES
ISO 2768-mk
STANDARD DRAWING
ISO 5457

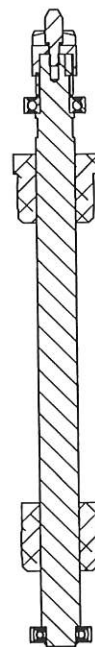
REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

ITEM NO. = 5
QTY. = 2 set

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
5.1	SELNAA10-P18_0-825-L12-A60-EB_(260420)	Standard part	1x2
5.2	Slide coupling#2_(260420)	Sheet 9	1x2
5.3	SS 6206_(260420)	Standard part	1x2
5.4	Compression Coil Spring_ACCURATE_P448_(260420)	Standard part	1x2
5.5	NIKA_Hollow chuck_NEF 001 F-3 inc_(260420)	Standard part	1x2
5.6	C-KES8-22_(260420)	Standard part	1x2
5.7	SL-SSFRQ40-523.8-F60-P30-T20.1-Q30-PKC50-TT4-SC5-PM10_(260420)	Standard part	1x2
5.8	NIKA_Hollow chuck_NEF 001-3 inc_(260420)	Standard part	1x2
5.9	Self align steel bearing_1206_(260420)	Standard part	1x2



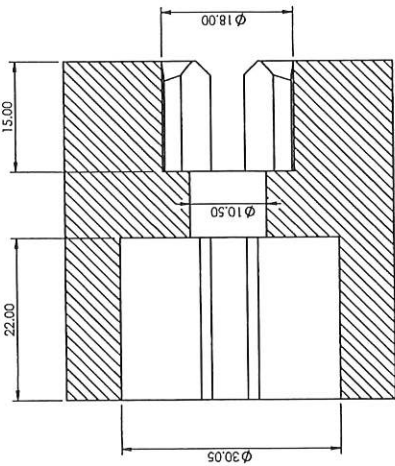
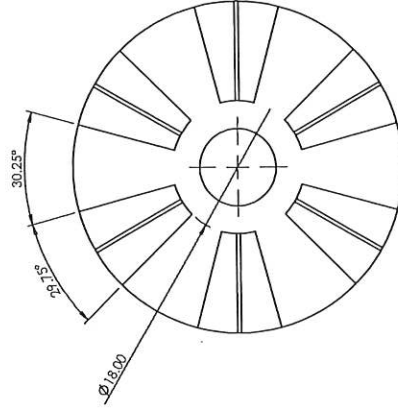
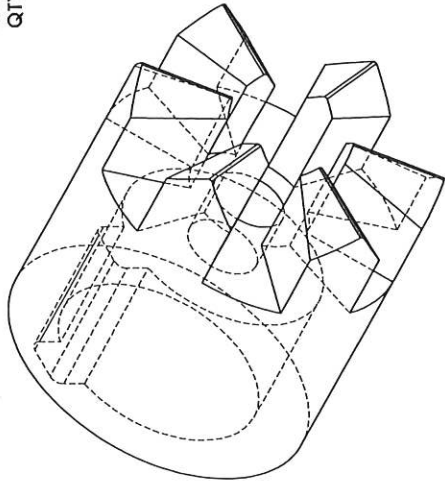
APPROVAL			SIGN	DATE	 สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน) Synchrotron Light Research Institute (Republic Organization)	TITLE: Unwind & Rewind roll set assembly_(260420)			SCALE		1:5			
DESIGN	mongkol		20200508						LIFE CYCLE		MATERIAL	See each detail sheet	SHEET	8 / 25
DRAWN	mongkol		20200508						SIZE		Revision	DRAWING NO.		
CHECKED	Krekrit S.								A3		01	SLRI_R2R_DAI-CHI_Roll_690044_A		
RELEASED														
APPROVED														
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457														
 UNIT: mm														



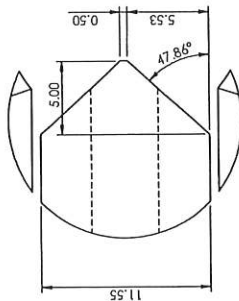
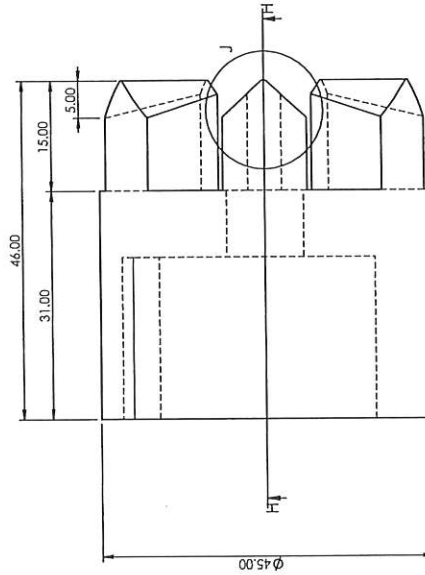
SECTION D-D

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

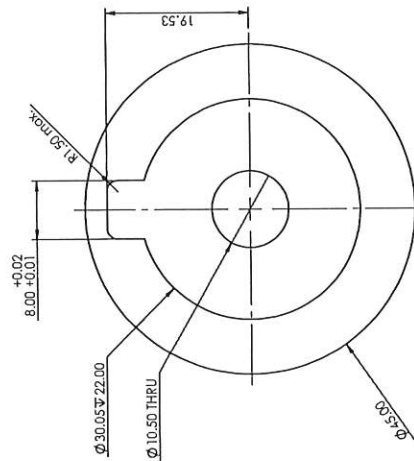
ITEM NO. = 5.2
QTY. = 1 set



SECTION H-H



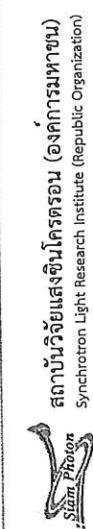
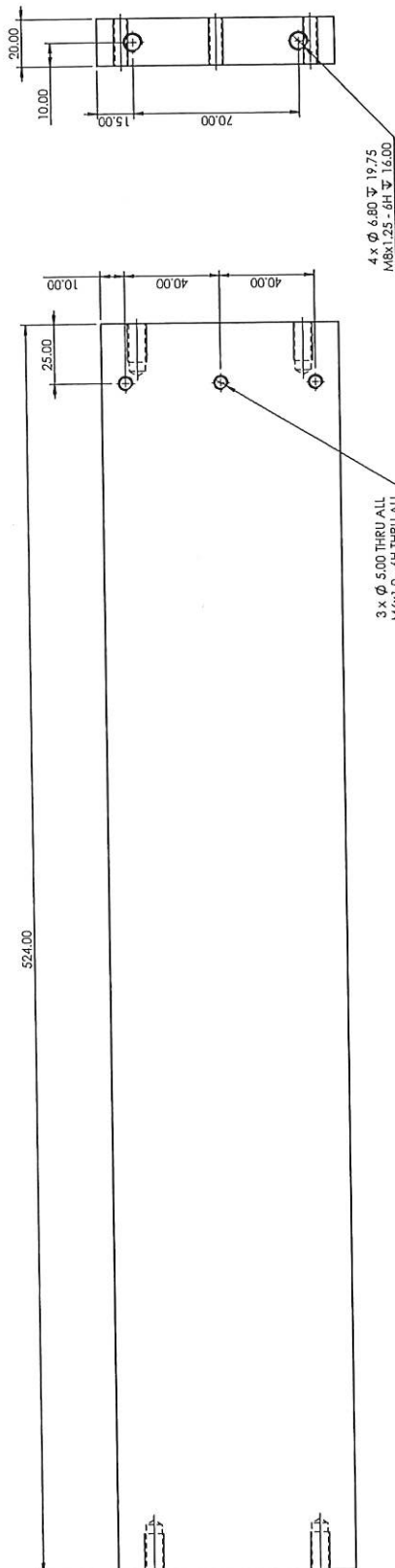
DETAIL J
SCALE 3:1



 สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน) Synchrotron Light Research Institute (Republuc Organization)		APPROVAL	SIGN	DATE
DESIGN	mongkol	20260508		
DRAWN	mongkol	20260508		
CHECKED	Krerkrit S.			
RELEASED				
APPROVED				
GENERAL TOLERANCES ISO 2768-HK STANDARD DRAWING ISO 5457		PROJECTION 		
TITLE: Slide coupling#2 (260420)		LIFE CYCLE		
SCALE 3:2		MATERIAL 6061 Alloy		
SHEET 9 / 25		DRAWING NO. SLRI_R2R_DAI-ICHI_Roll_690044_A		
SIZE A3		Revision 01		

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE
8					
7					
6					
5					
4					
3					

ITEM NO. = 6
QTY. = 4 pcs.



สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Public Organization)

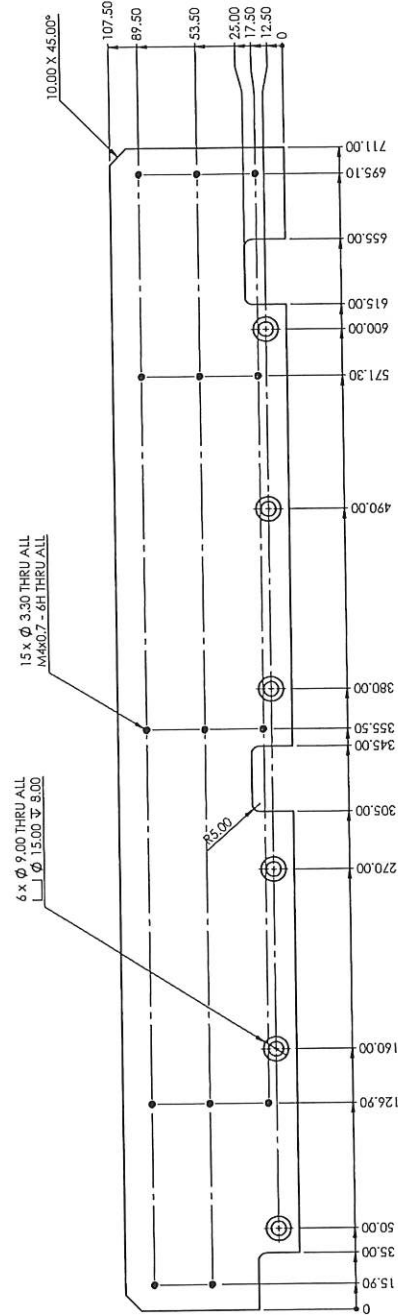
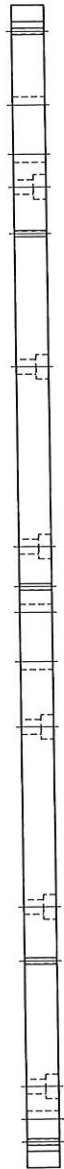
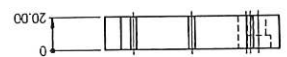
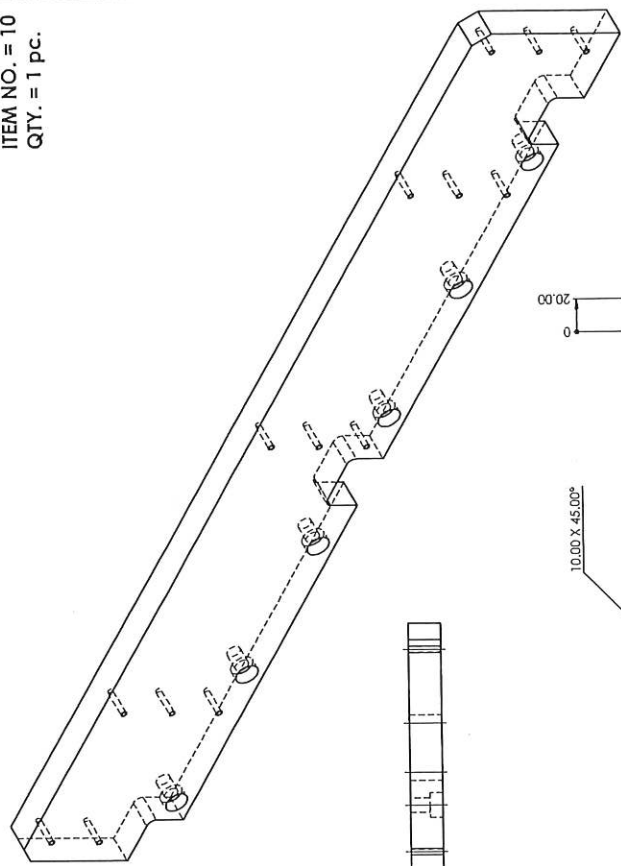
APPROVAL	SIGN	DATE
DESIGN	mongkol	20260508
DRAWN	mongkol	20260508
CHECKED	Kerkit S.	
RELEASED		
APPROVED		
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457		

PROJECTION	SIZE	Revision	DRAWING NO.	MATERIAL	SCALE	SHEET
	A3	01	SLRI_R2R_DAIHCHI_Roll_690044_A	6061 Alloy	1:2	10 / 25

TITLE: DLC_R2R_Daiichi_VacRollSet V.2_Side support_(260420)
LIFE CYCLE
UNIT: mm

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE
8					
7					
6					
5					
4					
3					

ITEM NO. = 10
QTY. = 1 pc.



6 x Ø 9.00 THRU ALL
Ø 15.00 ± 0.00

15 x Ø 3.30 THRU ALL
Ø 6.00 ± 0.00

10.00 X 45.00°

สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Republuc Organization)



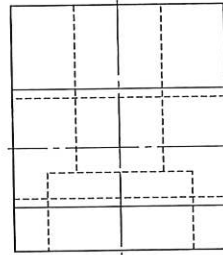
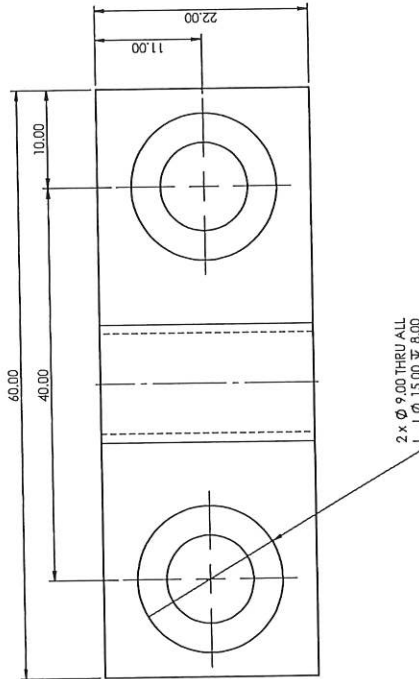
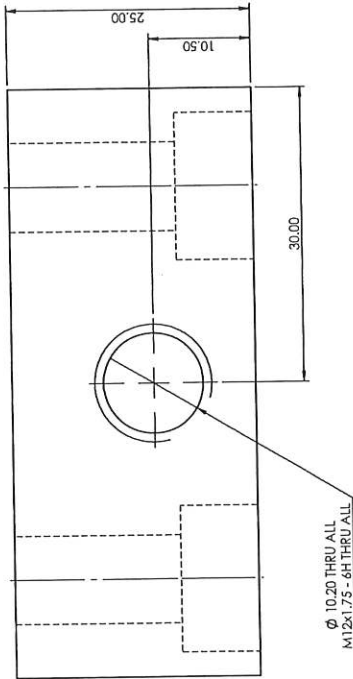
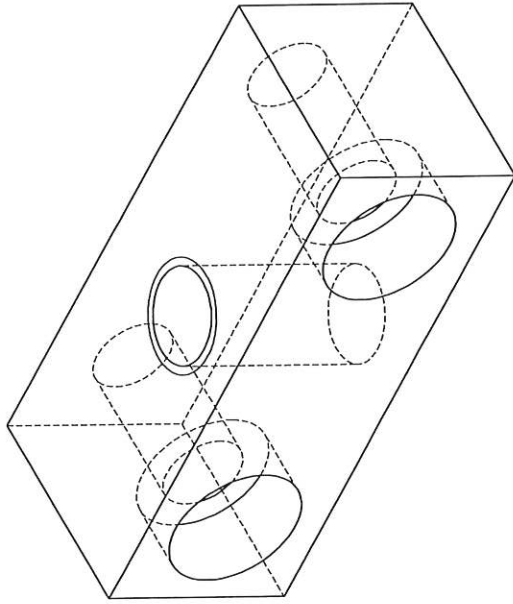
TITLE:
DLC_R2R_Daiichi_VacRollset V.2_L-inner support for
slide rail [260420]

SCALE	1:3	SHEET	12 / 25
MATERIAL	6061 Alloy	DRAWING NO.	SLRI_R2R_DAIICHI_Roll_690044_A
LIFE CYCLE		Revision	01
SIZE	A3		

DESIGN	APPROVAL	SIGN	DATE
mongkol			20260508
DRAWN			20260508
CHECKED			
RELEASED			
APPROVED			
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457			

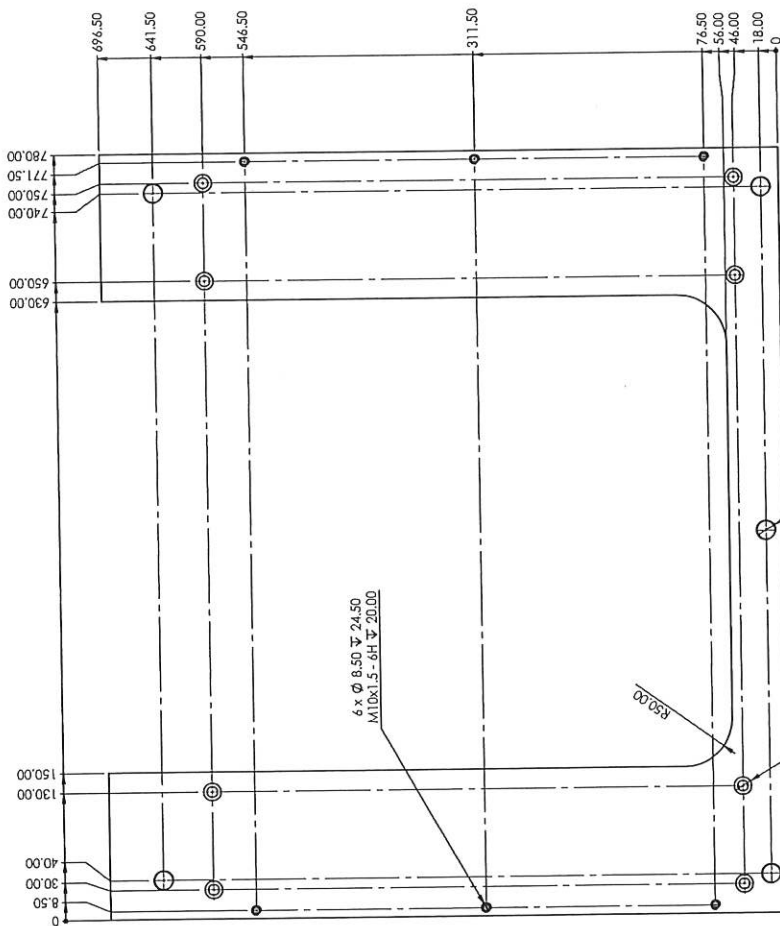
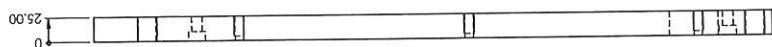
REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

ITEM NO. = 14
QTY. = 1 pc.



Siam Photon Synchrotron Light Research Institute (Republic Organization)		สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)	
DESIGN	APPROVAL	SIGN	DATE
mongkol	mongkol	20260508	20260508
DRAWN	checked	mongkol	20260508
RELEASED	checked	Krekit S.	
APPROVED	checked		
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457		PROJECTION	
UNIT: mm		3	
TITLE: DLC_R2R Daiichi VacRollSet V.2 + Slide rail_Slide locking block_(260420)		SCALE: 2:1	
LIFE CYCLE		MATERIAL: 6061 Alloy	
DRAWING NO. SLR1_R2R_DAI-CHI_Roll_690044_A		SHEET 13 / 25	
SIZE A3		Revision 01	
EDITOR		DATE	
DECEPTION		DATE	
APPROVAL		DATE	
REV.		8	

ITEM NO. = 15
QTY. = 1 pc.



สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Republic Organization)

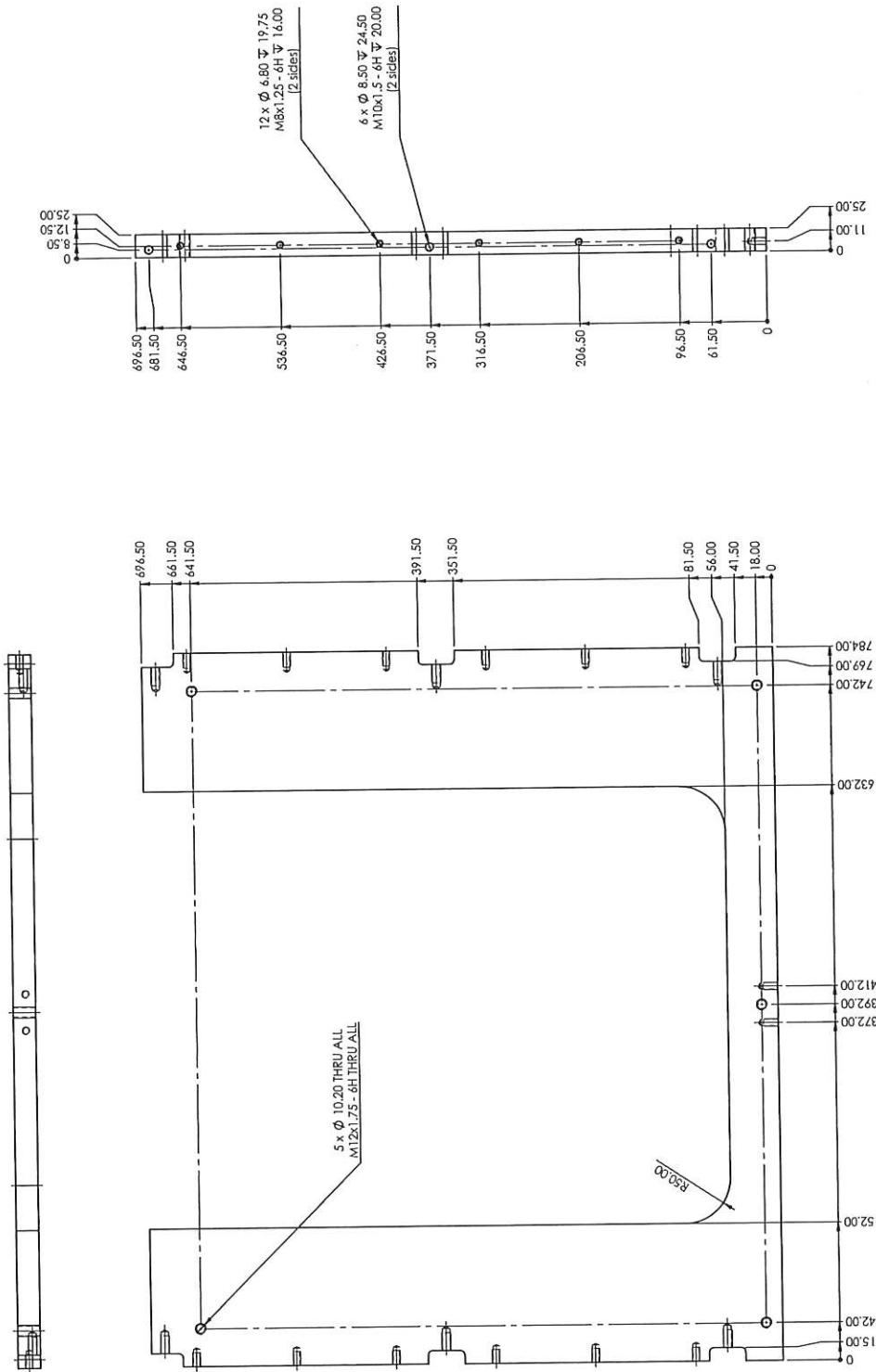
TITLE: DLC_R2R_Daiichi_VacRollSet V.2_Top base_(260420)

APPROVAL	SIGN	DATE	LIFE CYCLE	MATERIAL	SCALE
DESIGN	mongkol	20260508		6061 Alloy	1:5
DRAWN	mongkol	20260508			
CHECKED	Krerkrit S.				
RELEASED					
APPROVED					
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457			Revision	DRAWING NO.	SHEET
			A3	01	SLRI_R2R_DAI-CHI_Rol_690044_A 14 / 25

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE
8					
7					
6					

เอกสารแบบบ่งชี้เฉพาะตัว

ITEM NO. = 16
QTY. = 1 pc.



สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Republic Organization)

DATE
20260508

SIGN
[Signature]

APPROVAL
mongkol

DESIGN
mongkol

CHECKED
Kretkai S.

RELEASED

APPROVED

GENERAL TOLERANCES
ISO 2768-mk
STANDARD DRAWING
ISO 5457

PROJECTION
[Symbol]

SIZE
A3

Revision
01

DRAWING NO.
SLRI_R2R_DAIICHI_Roll_690044_A

SHEET
15 / 25

SCALE
1:5

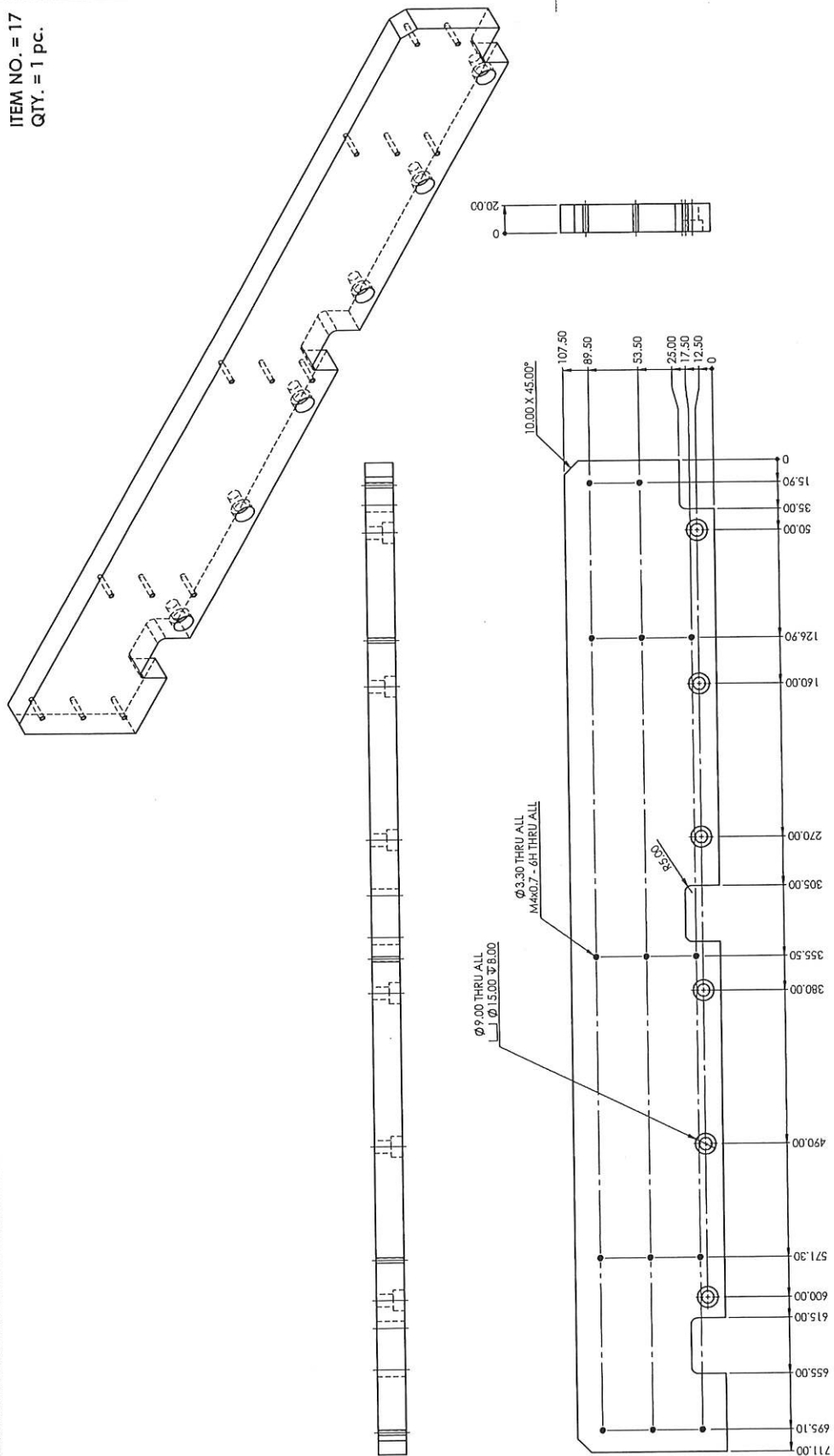
MATERIAL
6061 Alloy

TITLE
DLC_R2R_Daiichi_VacRollSet V.2_Middle base_(260420)

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

UNIT: mm

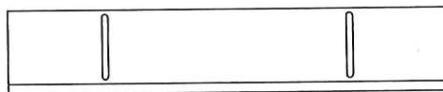
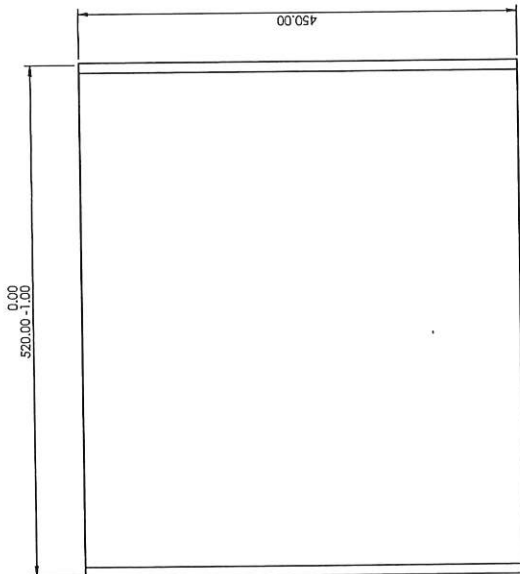
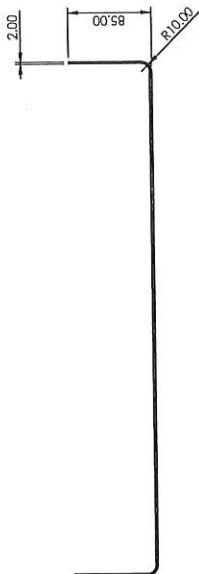
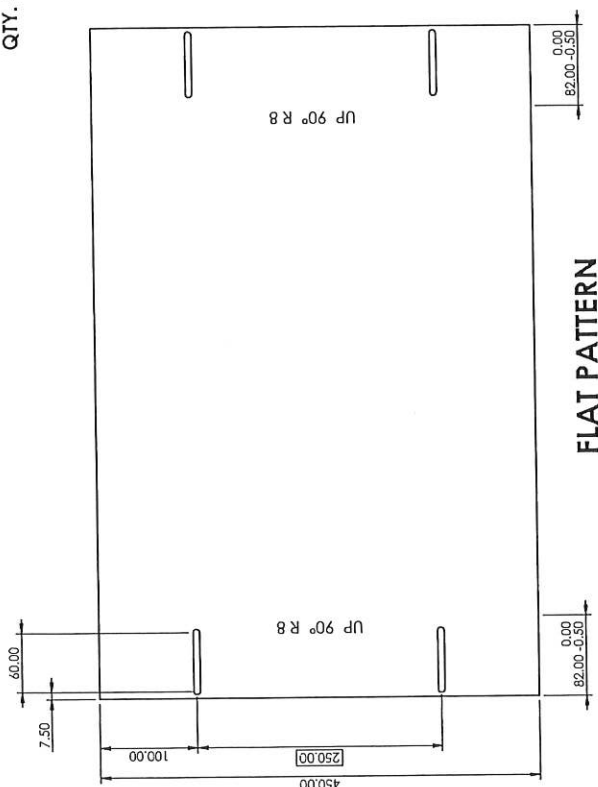
ITEM NO. = 17
QTY. = 1 pc.



APPROVAL		SIGN	DATE	สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน) Synchrotron Light Research Institute (Republuc Organization)	
DESIGN	mongkol		20260508	TITLE: DLC_R2R Daiichi VacRollSet V.2_Rinner support for slide rail [260420]	
DRAWN	mongkol		20260508		
CHECKED	Kretkri S.				
RELEASED					
APPROVED					
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457		PROJECTION 		SIZE A3	Revision 01
				MATERIAL 6061 Alloy	SCALE 1:3
				DRAWING NO. SLRL_R2R_DAI-HCHI_Roll_690044_A	SHEET 16 / 25

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE
8					
7					
6					

ITEM NO. = 18
QTY. = 1 pc.



สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Republuc Organization)



TITLE:
DLC_R2R_Daiichi_VacRollSet_Ground plate for Coating
head_(260420)

LIFE CYCLE

MATERIAL

SCALE

1:5

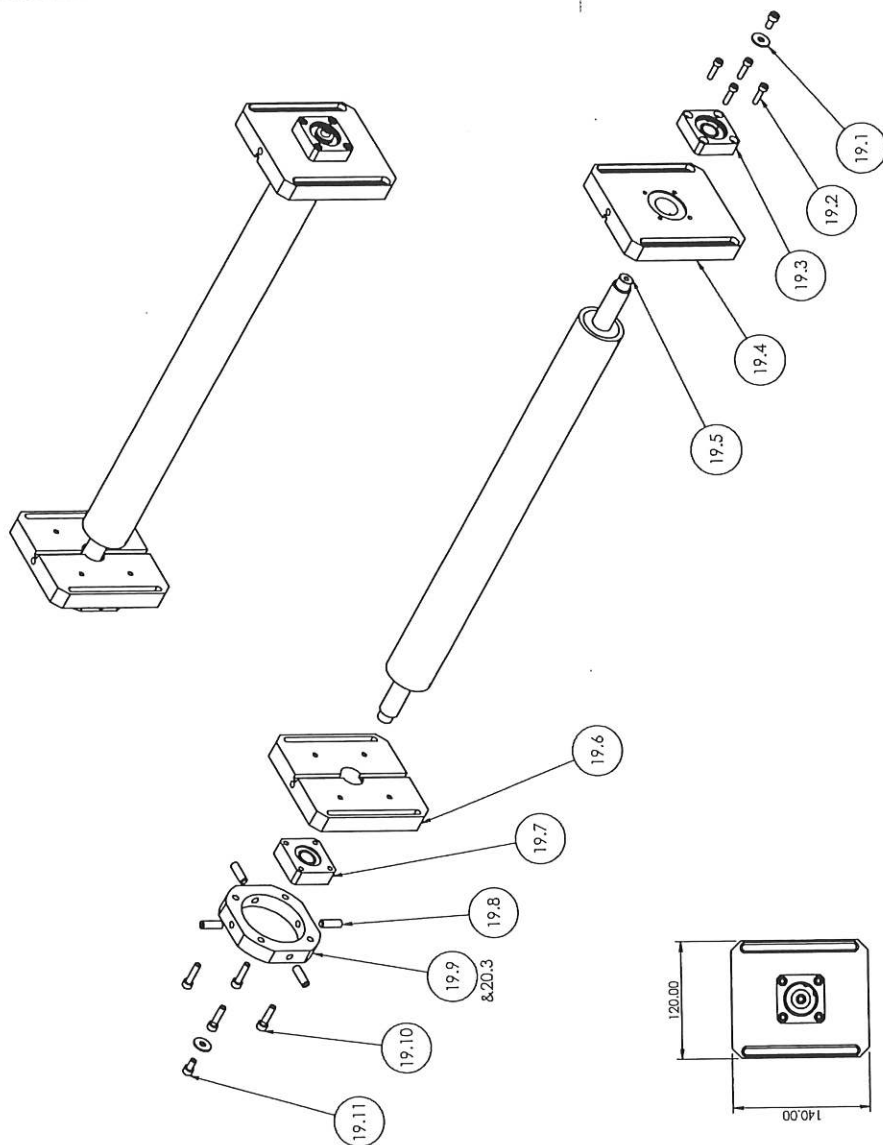
SHEET

17 / 25

APPROVAL	SIGN	DATE
DESIGN	mongkol	20260508
DRAWN	mongkol	20260508
CHECKED	Kretkai S.	
RELEASED		
APPROVED		
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457		
PROJECTION		
SIZE	Revision	DRAWING NO.
A3	01	SLRL_R2R_DAI-HCHI_Roll_690044_A

UNIT: mm

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

ITEM NO. = 19
QTY. = 2 set

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
19.1	B18.22M - Plain washer, 6 mm, regular	Standard part	2x2
19.2	B18.3.1M - 5 x 0.8 x 20 Hex SHCS -- 20NHX	Standard part	4x2
19.3	E-LSBGS6202ZL (260420)	Standard part	1x2
19.4	DLC_R2R_Daiichi_Roll slide set with housing_Slide plate-fixed shaft (260420)	Sheet 19	1x2
19.5	DLC_R2R_Daiichi_Roll+Shaft+Collar (260420)	Standard part	1x2
19.6	DLC_R2R_Daiichi_Roll slide set with housing_Slide plate-adjustable shaft (260420)	Sheet 20	1x2
19.7	E-LSBGS6202ZL (260420)	Standard part	1x2
19.8	B18.3.6M - M8 x 1.25 x 25 Hex Socket Flat Pt. SS -- N	Standard part	4x2
19.9	DLC_R2R_Daiichi_Roll set with housing V2_Adjusting ring (260420)	Sheet 21	1x2
19.10	B18.3.1M - 6 x 1.0 x 25 Hex SHCS -- 25NHX	Standard part	4x2
19.11	B18.3.1M - 6 x 1.0 x 12 Hex SHCS -- 12NHX	Standard part	2x2

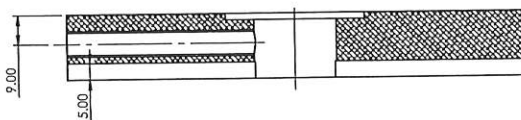
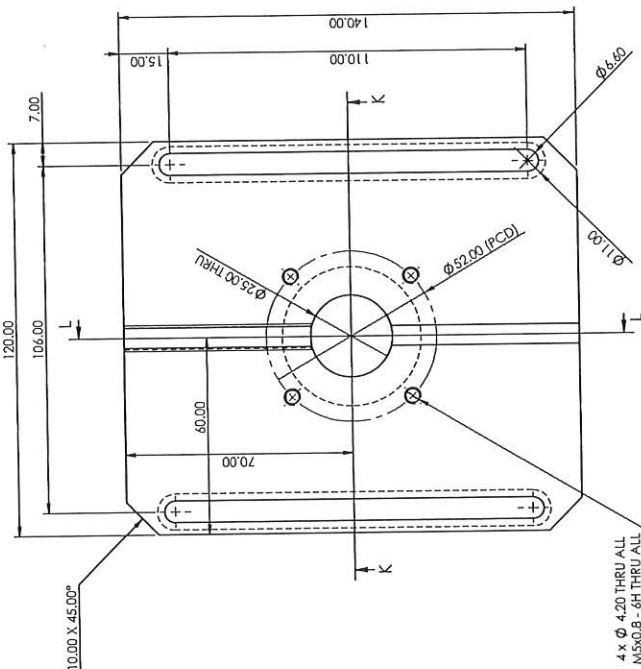
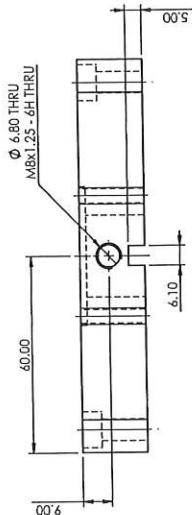
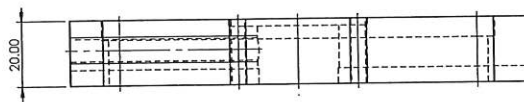
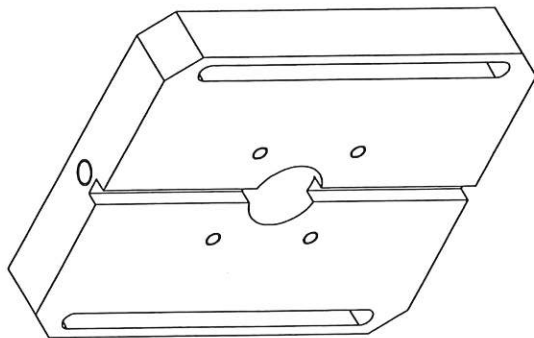
สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Republic Organization)

DESIGN	APPROVAL	SIGN	DATE
mongkol			20260508
DRAWN	APPROVED		
mongkol			20260508
CHECKED	RELEASED		
Kietkrit S.			
GENERAL TOLERANCES	PROJECTION	SCALE	SHEET
ISO 2768-mk		See each detail sheet	1:5
STANDARD DRAWING	SIZE	DRAWING NO.	REVISION
ISO 5457	A3	SLRI_R2R_DAI-ICHI_Roll_690044_A	01
			18 / 25

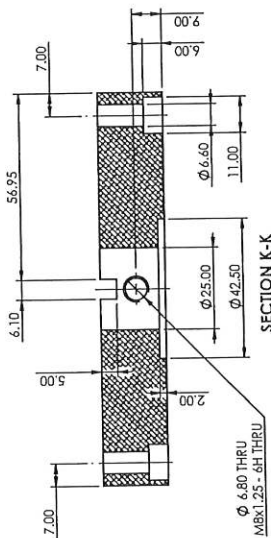
TITLE: DLC_R2R_Daiichi_Roll slide set with housing_(260420)

UNIT: mm	3	4	5	6
REV.				
DESCRIPTION				
EDITOR				
DATE				
APPROVAL				
DATE				

ITEM NO. = 19.4
QTY. = 2 Pcs.



SECTION L-L



SECTION K-K



สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Public Organization)

TITLE:
DLC_R2R_Daiichi Roll slide set with housing_Slide plate-
fixed shaft_(260420)

SCALE
2:3

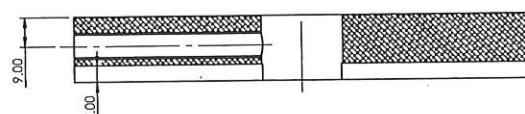
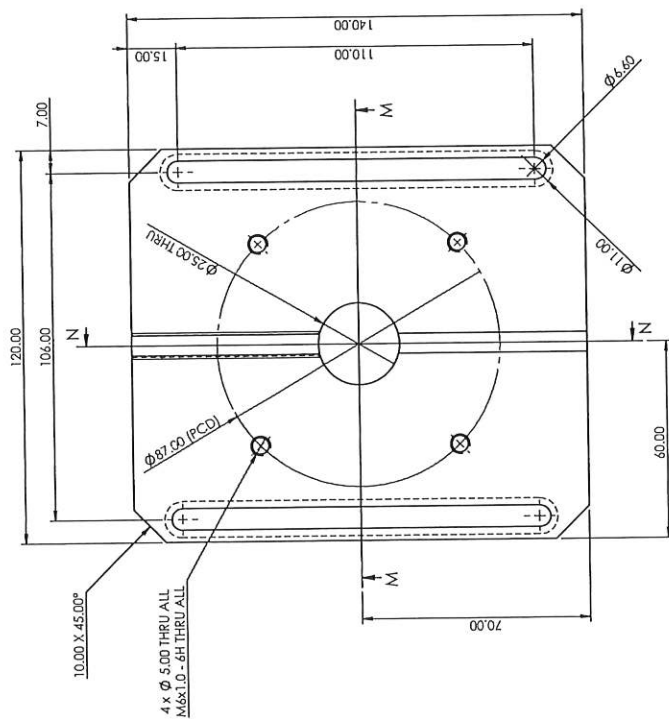
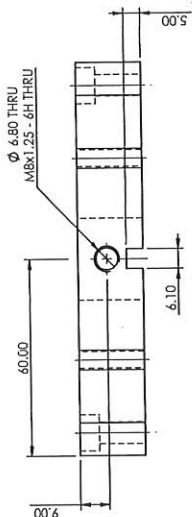
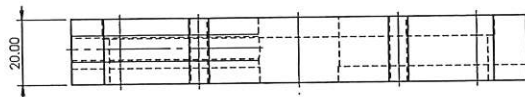
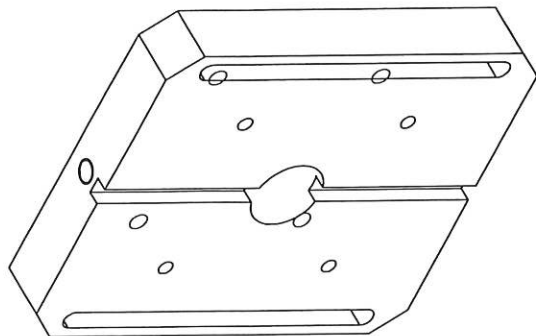
SHEET
19 / 25

DESIGN	DRAWN	CHECKED	RELEASED	APPROVED	GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457	PROJECTION	SIZE A3	Revision 01	DRAWING NO. SLRI_R2R_DAI-CHI_Roll_690044_A
	mongkol	mongkol		Ketkai S.					

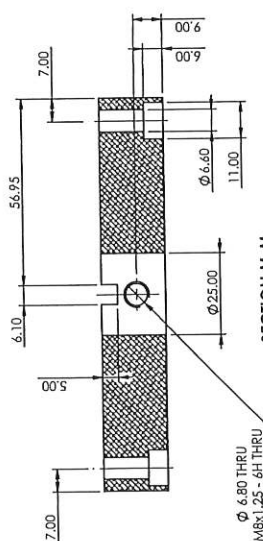
REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

เอกสารแบบภายในองค์กร

ITEM NO. = 19.6
QTY. = 2 Pcs.



SECTION N-N



SECTION M-M

สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Public Organization)

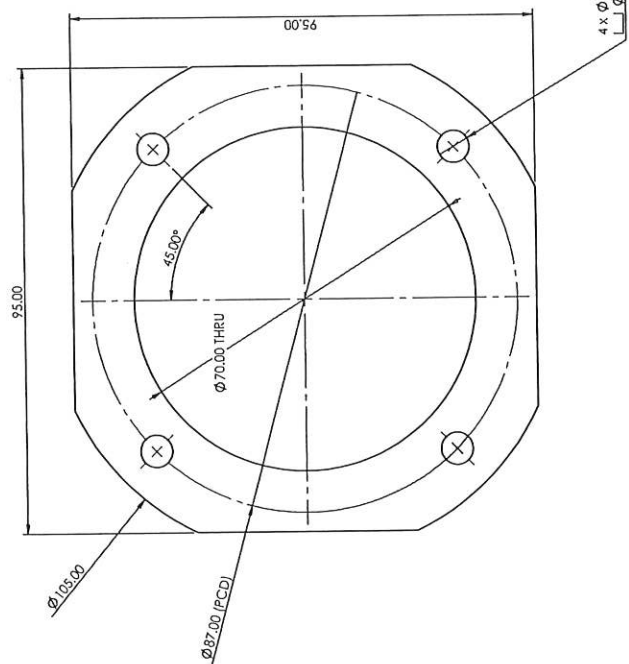
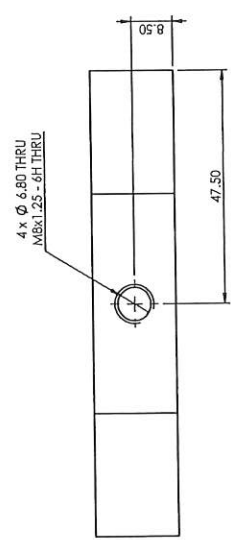
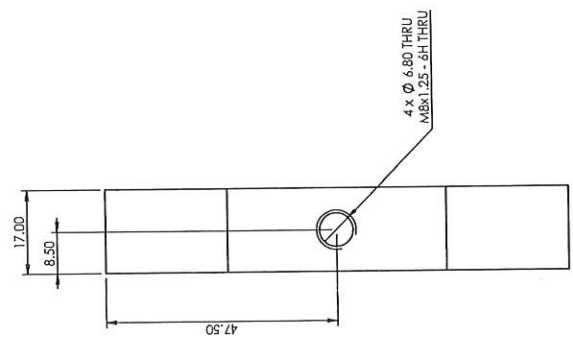
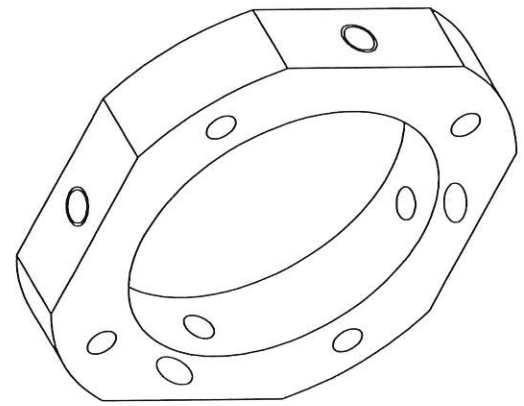
DESIGN	APPROVAL	SIGN	DATE
mongkol			20260508
DRAWN	CHECKED	RELEASED	APPROVED
mongkol	Krerkrit S.		
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457			

TITLE:
DLC_R2R_Daiichi_Roll slide set with housing_Slide plate-adjustable shaft_(260420)

SCALE	DRAWING NO.	SHEET
2:3	SLRI_R2R_DAI-ICHI_Roll_690044_A	20 / 25
REVISION	SIZE	UNIT
01	A3	mm

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

ITEM NO. = 19.9 & 20.3
QTY. = 5 Pcs.
(ITEM NO. = 19.9, 2 pcs., ITEM NO. = 20.3, 3 pcs.)

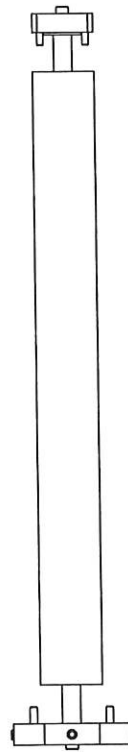
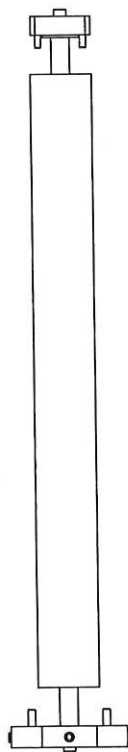
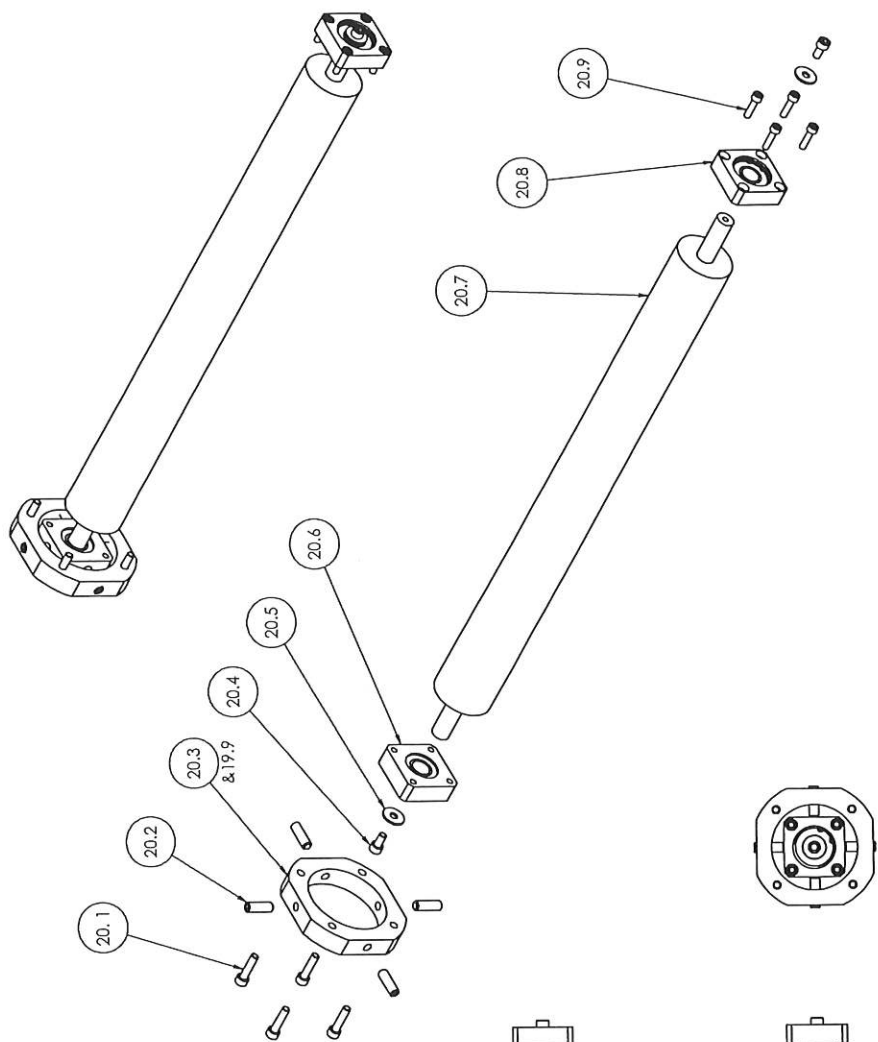


APPROVAL	SIGN	DATE
DESIGN	mongkol	20260508
DRAWN	mongkol	20260508
CHECKED	Kerkrut S.	
RELEASED		
APPROVED		
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457		
PROJECTION		
UNIT: mm		
TITLE: DLC_R2R_Daiichi_Roll set with housing V.2_Adjusting ring (260420)		
SYNCHROTRON Light Research Institute (Republic Organization)		
SCALE: 1:4		
MATERIAL: 6061 Alloy		
DRAWING NO. SLRL_R2R_DAI-CHI_Roll_690044_A		
SHEET 21 / 25		
Revision: 01		
SIZE: A3		

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE
8					
7					
6					
5					
4					
3					
2					
1					

ITEM NO. = 20
QTY. = 3 Sets.

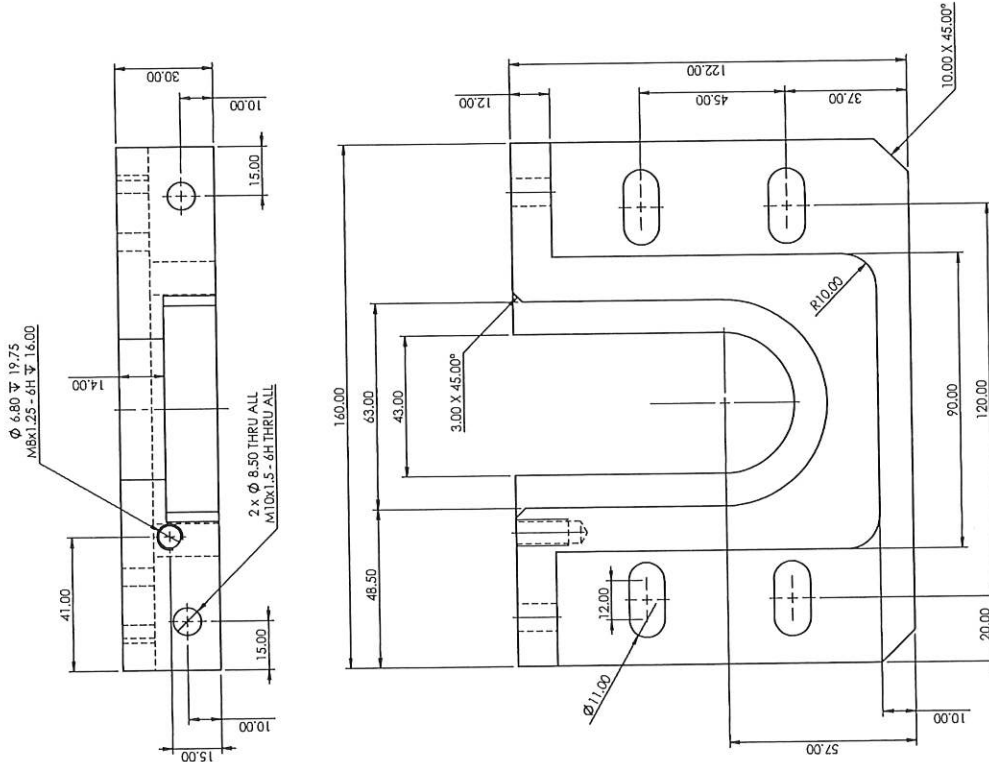
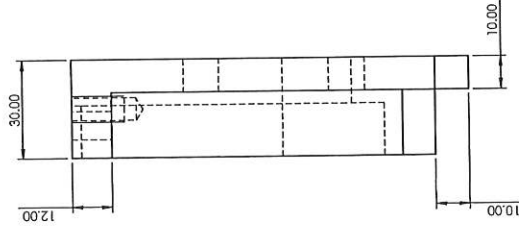
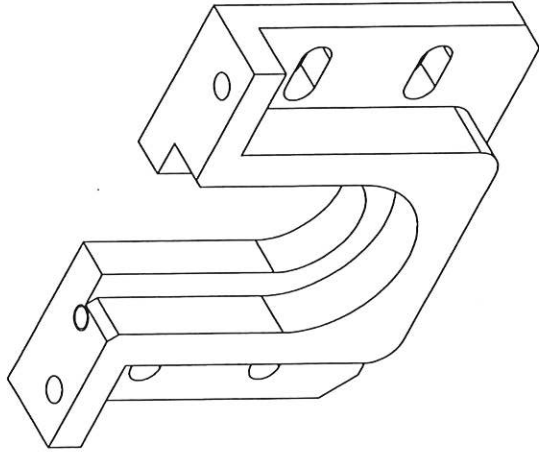
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
20.1	Socket M6x25	Standard part	4x3
20.2	B18.3.6M - M8 x 1.25 x 25 Hex Socket Flat Pt. SS -N	Standard part	4x3
20.3	DLC_R2R_Daiichi_Roll set with housing V.2_Adjusting ring_[260420]	Sheet 21	1x3
20.4	B18.3.1M - 6 x 1.0 x 12 Hex SHCS - 12NHX	Standard part	2x3
20.5	B18.22M - Plain washer, 6 mm, regular	Standard part	2x3
20.6	E-LSBGS46202Z_[260420]	Standard part	1x3
20.7	ROLIM50-1S-500-E4S-F43-M6-N6_[260420]	Standard part	1x3
20.8	E-LSBGS46202Z_[260420]	Standard part	1x3
20.9	Socket M5x20	Standard part	4x3



APPROVAL	SIGN	DATE	 สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน) Synchrotron Light Research Institute (Republic Organization)		
DESIGN	mongkol	20260508	TITLE: DLC_R2R_Daiichi_Roll set with housing V.2_[260420]		
DRAWN	mongkol	20260508	LIFE CYCLE		
CHECKED	Kretkai S.		MATERIAL		
RELEASED			6061 Alloy		
APPROVED			SCALE		
GENERAL TOLERANCES			1:4		
ISO 2768-mk			DRAWING NO.		
STANDARD DRAWING			SLRI_R2R_DAI-ICHI_Roll_690044_A		
ISO 5457			Revision		
			A3 01		
			SIZE		
			22 / 25		
			SHEET		
			2		

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE
8					
7					
6					

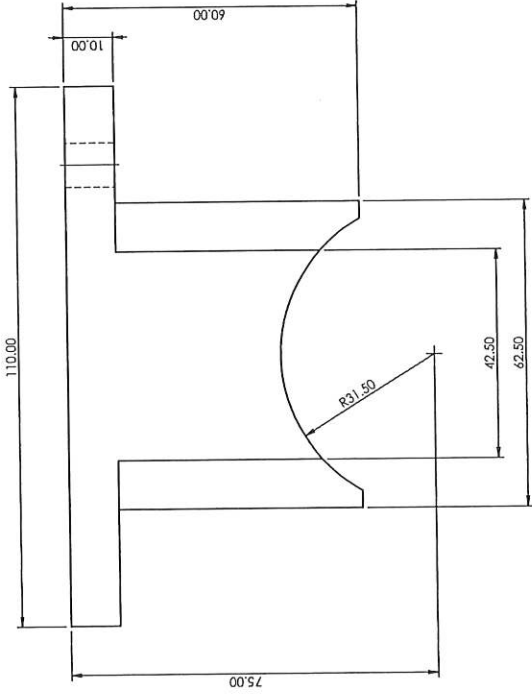
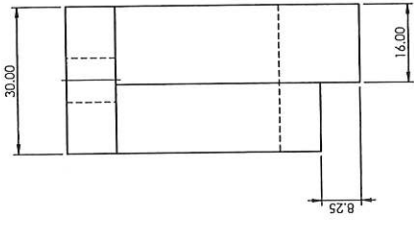
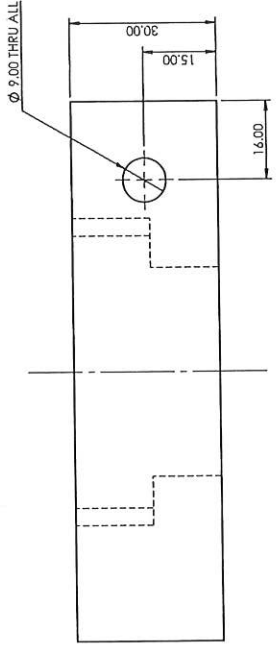
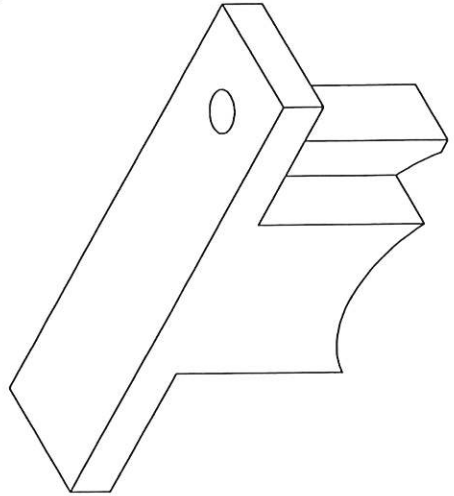
ITEM NO. = 22
QTY. = 2 Sets.



 สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน) Synchrotron Light Research Institute (Republic Organization)										DATE		SIGN		APPROVAL				
DESIGN		20260508				mongkol												
DRAWN		20260508				mongkol												
CHECKED						Krekrut S.												
RELEASED																		
APPROVED																		
TITLE: DLC_R2R_Daiichi_VacRollSet_Un&Re-wind bearing front support plate										LIFE CYCLE		MATERIAL 6061 Alloy		SCALE 2:3		SHEET 23 / 25		
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457		PROJECTION 		SIZE A3		Revision 01		DRAWING NO. SLRL_R2R_DAHCHI_Roll_690044_A		UNIT: mm 3		4		2				

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

ITEM NO. = 23
QTY. = 2 Sets.



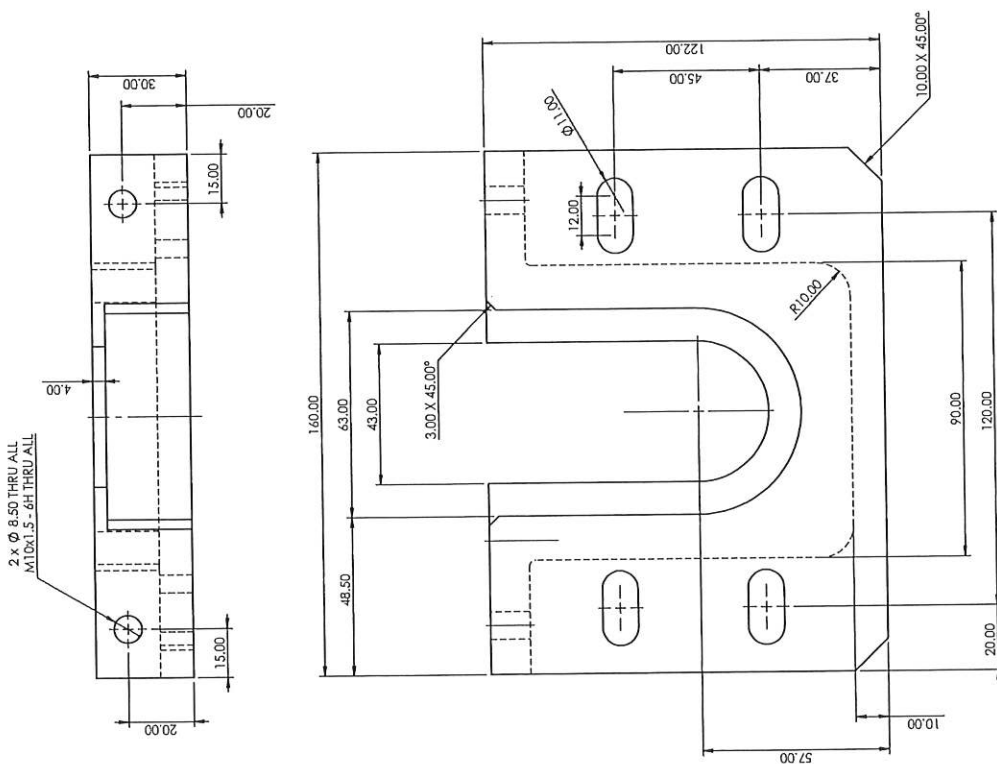
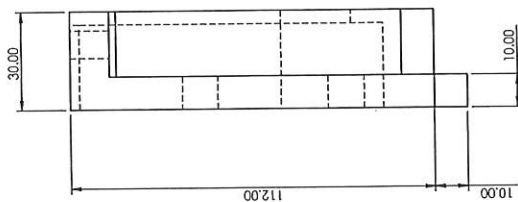
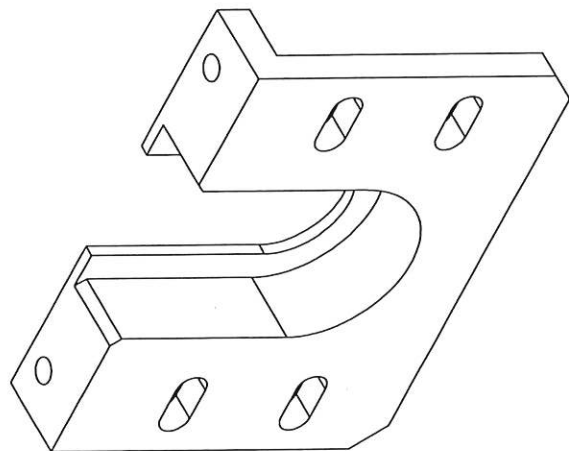
สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Public Organization)

DESIGN	APPROVAL	SIGN	DATE
DRAWN			
CHECKED			
RELEASED			
APPROVED			

TITLE: DLC_R2R_Daiichi_VacRollSet_Un&Re-wind bearing front support_Locking plate		SCALE 1:1		SHEET 24 / 25	
MATERIAL 6061 Alloy		DRAWING NO. SLRI_R2R_DAI-ICHI_Roll_690044_A		REVISION 01	
PROJECTION FIRST ANGLE		SIZE A3		UNIT: mm	
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457		APPROVAL		DATE	

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

ITEM NO. = 25
QTY. = 2 Sets.



สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Public Organization)



TITLE:
DLC_R2R_Daiichi_VacRollSet_Un&Re-wind bearing
back support plate

APPROVAL	SIGN	DATE
DESIGN	mongkol	20260508
DRAWN	mongkol	20260508
CHECKED	Krekrut S.	
RELEASED		
APPROVED		
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457		
PROJECTION		

SCALE	DRAWING NO.	SHEET
2:3	SLRI_R2R_DAI-ICHI_Roll_690044_A	25 / 25
LIFE CYCLE	REVISION	SIZE
MATERIAL 6061 Alloy	01	A3

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE
8					
7					
6					
5					
4					
3					
2					
1					

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DLC_R2R_Daiichi_Nib Roll_Slide lock set_Handle guide_(260420)	Sheet 2	1
2	C-NWJM5-15_(260420)	Standard part	1
3	B18.22M - Plain washer, 5 mm, regular	Standard part	1
4	BWP13-7-5_One-Sided Rollers_(260420)	Standard part	4
5	DLC_R2R_Daiichi_Nib Roll_Slide lock set_Handle_(260420)	Sheet 3	1
6	COBU38-513-513_(260420)	Standard part	2
7	DLC_R2R_Daiichi_Nib Roll_Slide lock set_Push-pull arm_(260420)	Sheet 4	2
8	DLC_R2R_Daiichi_Nib Roll_Slide lock set_Bearing guide base_(260420)	Sheet 5	2
9	DLC_R2R_Daiichi_Nib Roll_Slide lock set_Slide guide support_(260420)	Sheet 6	1
10	DLC_R2R_Daiichi_Nib Roll_Slide lock set_Middle support_(260420)	Sheet 7	1
11	DLC_R2R_Daiichi_Nib Roll_Slide support_(260420)	Sheet 8	2
12	B18.3.6M - M6 x 1.0 x 20 Hex Socket Flat Pt. SS - N	Standard part	2
13	BJKR20-110_(260420)	Standard part	1
14	BUKSW20-110-W1_(260420)	Standard part	1

Approval and Revision Table:

APPROVAL	SIGN	DATE
DESIGN	mongkol	20260522
DRAWN	mongkol	20260522
CHECKED	Krekrit S.	
RELEASED		
APPROVED		

General Tolerances:
ISO 2768-mk
STANDARD DRAWING
ISO 5457

Projection:

Scale: 1:8
Sheet: 1 / 8

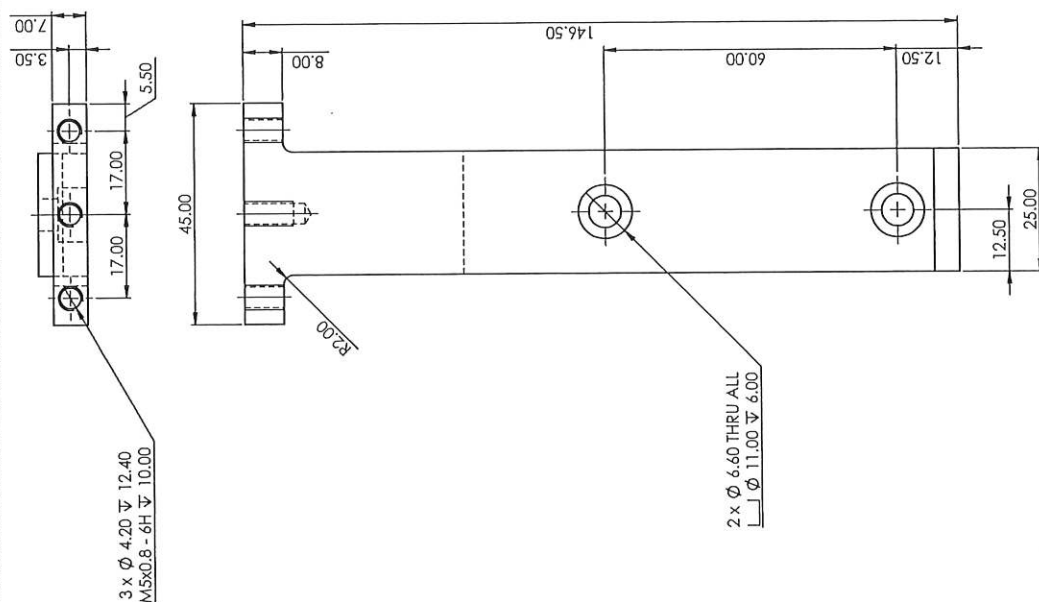
Material: See each sheet detail
Drawing No.: SLRI_R2R_DAI-ICHI_Roll_690049_A

Revision: 01
Size: A3

Life Cycle:

Unit: mm

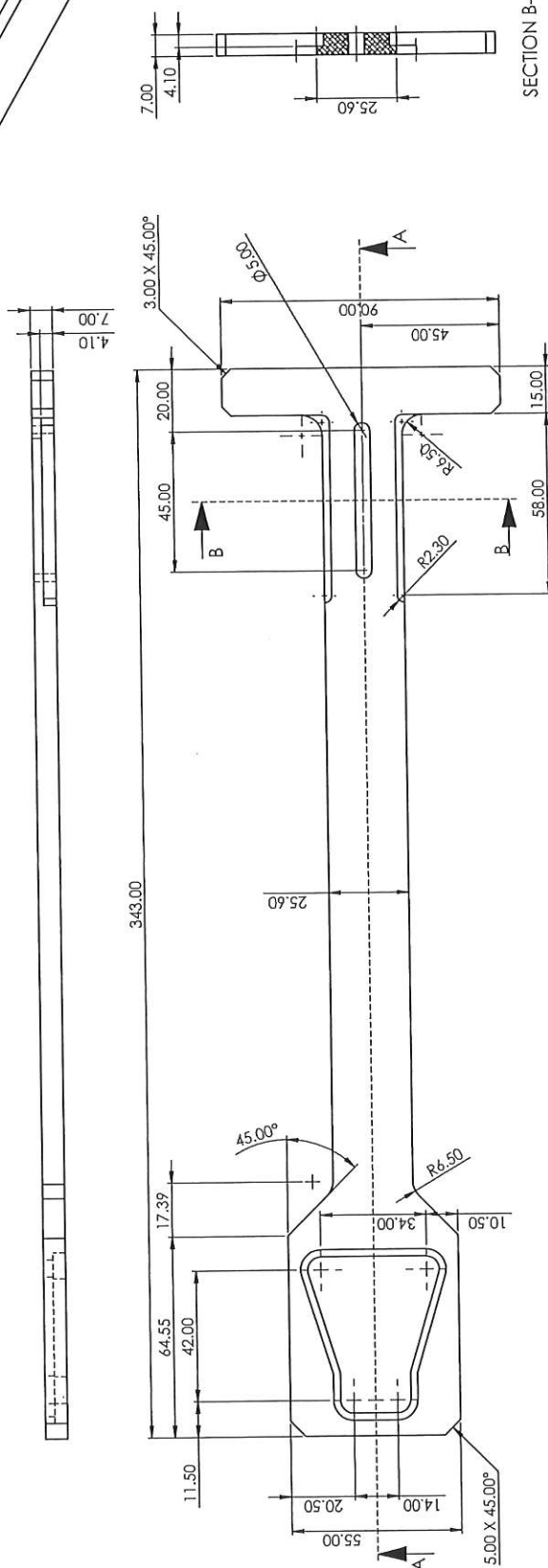
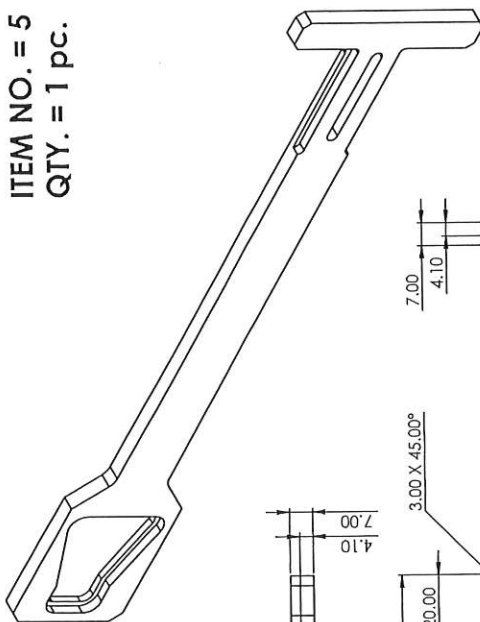
REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE



APPROVAL	SIGN	DATE	 สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน) Synchrotron Light Research Institute (Public Organization)		
DESIGN	mongkol	20260522	TITLE: DLC_R2R_Daiichi_Nib_Roll_Slide_lock_set_Handle guide_(260420)		
DRAWN	mongkol	20260522			
CHECKED	Krerkrit S.				
RELEASED					
APPROVED			LIFE CYCLE	MATERIAL	SCALE
				6061 Alloy	1:1
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457			SIZE	Revision	SHEET
			A3	01	2 / 8
			SLRL_R2R_DAH-CHI_Roll_690049_A		

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

ITEM NO. = 5
QTY. = 1 pc.



SECTION A-A

SECTION B-B

สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Republcan Organization)



TITLE:
DLC_R2R_Daiichi_Nib_Roll_Slide lock
set_Handle_260420

LIFE CYCLE MATERIAL 6061 Alloy SCALE 2:3

DRAWING NO. SLRI_R2R_DAI-ICHI_Roll_690049_A 3 / 8 SHEET

SIZE Revision 01 A3 UNIT: mm

APPROVAL	SIGN	DATE
DESIGN	mongkol	20260522
DRAWN	mongkol	20260522
CHECKED	Kerkit S.	
RELEASED		
APPROVED		

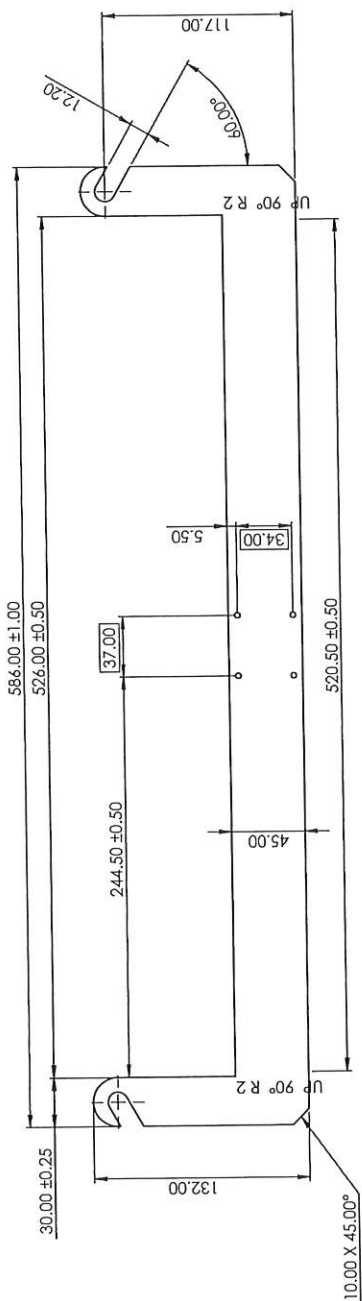


GENERAL TOLERANCES
ISO 2768-mk
STANDARD DRAWING
ISO 5457

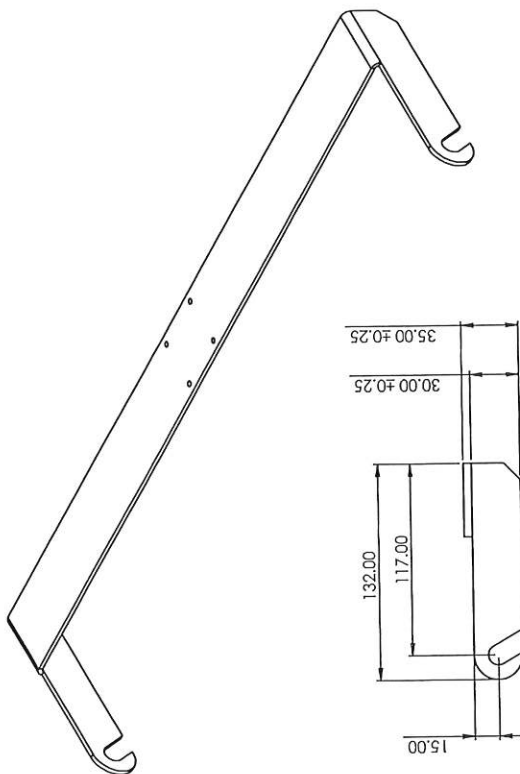
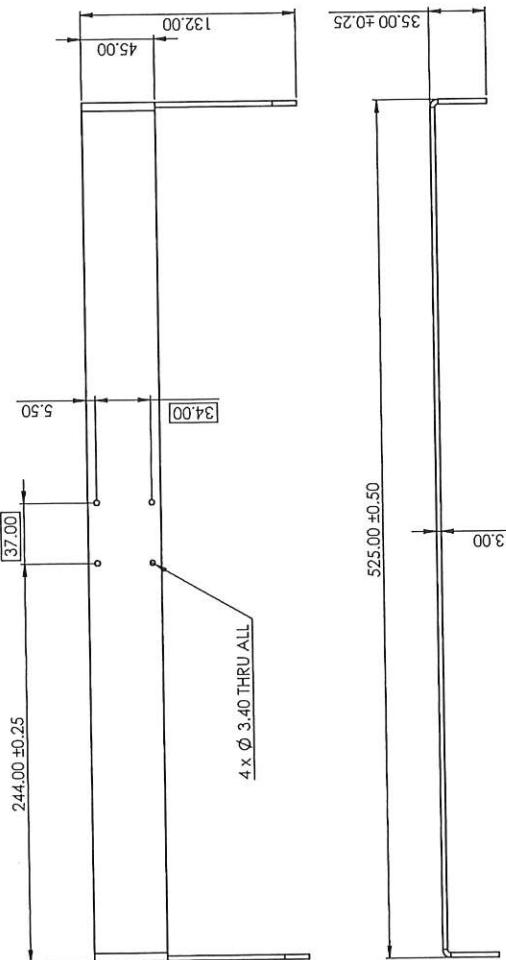
REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE
8					
7					
6					
5					
4					
3					

เอกสารฉบับนี้จัดทำขึ้นเพื่อ

ITEM NO. = 7
QTY. = 2 pcs.



FLAT PATTERN



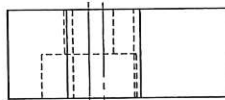
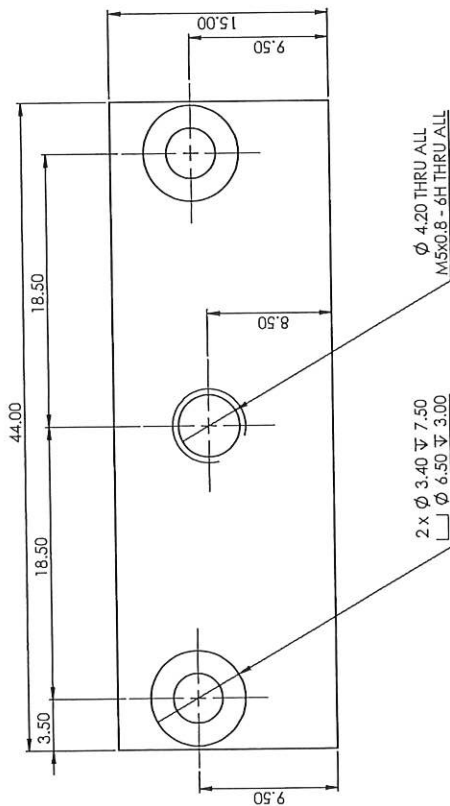
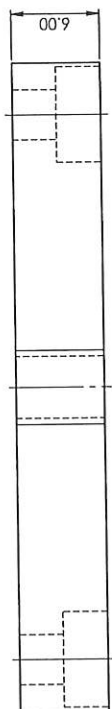
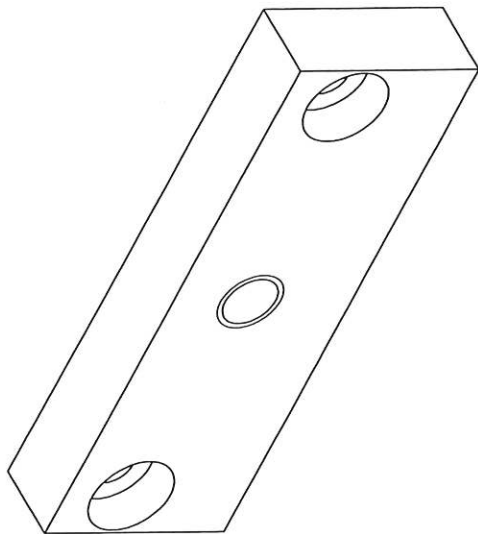
 สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน) Synchrotron Light Research Institute (Republic Organization)			TITLE: DLC_R2R_Daiichi_Nib_Roll_slide lock set_Push-pull arm_(260420)		SCALE 1:3		SHEET 4 / 8	
			LIFE CYCLE		MATERIAL AISI 304		DRAWING NO. SLRI_R2R_DAI-ICHI_Roll_690049_A	
			SIZE A3		Revision 01			
APPROVAL			SIGN		DATE			
DESIGN			mongkol		20260522			
DRAWN			mongkol		20260522			
CHECKED			Krerkit S.					
RELEASED								
APPROVED								
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457			PROJECTION					

TITLE: DLC_R2R_Daiichi_Nib Roll_Slide lock set_Push-pull
arm_(260420)

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE
6					
7					
8					

เอกสารนี้เป็นทรัพย์สินของสถาบันวิจัยแสงซินโครตรอน

ITEM NO. = 8
QTY. = 2 pcs.



เอกสารแบบแปลนเครื่อง

สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Repubic Organization)

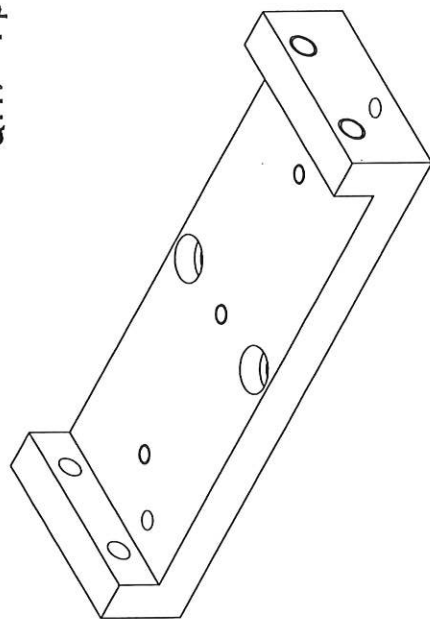
APPROVAL	SIGN	DATE
DESIGN	mongkol	20260522
DRAWN	mongkol	20260522
CHECKED	Krerkrit S.	
RELEASED		
APPROVED		
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457		
PROJECTION		
UNIT: mm		
SIZE A3		
Revision 01		
DRAWING NO. SLRL_R2R_DAI-CHI_Rol_690049_A		
SHEET 5 / 8		

TITLE: DLC_R2R_Daiichi_Nib Roll_Slide lock set_Bearing guide
base_(260420)

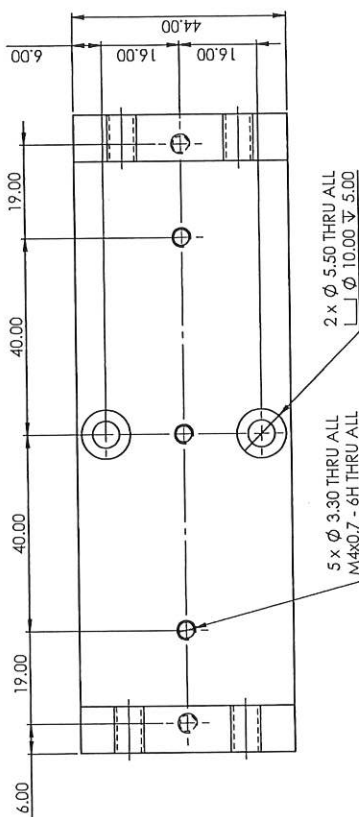
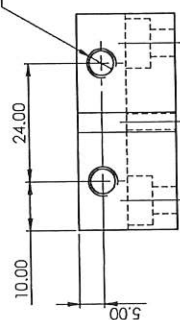
LIFE CYCLE MATERIAL 6061 Alloy SCALE 3:1

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

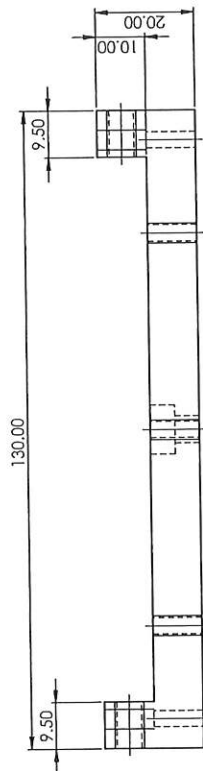
ITEM NO. = 9
QTY. = 1 pc.



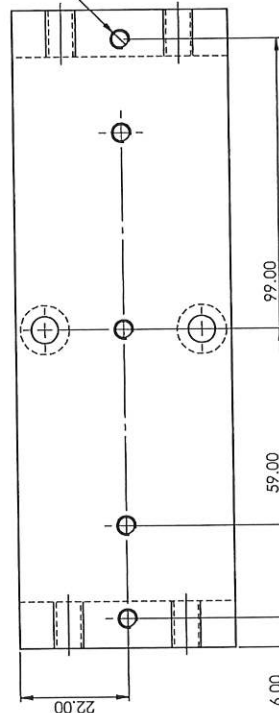
2 x ϕ 5.00 THRU ALL
M6x1.0 - 6H THRU ALL



5 x ϕ 3.30 THRU ALL
M4x0.7 - 6H THRU ALL



5 x ϕ 3.30 THRU ALL
M4x0.7 - 6H THRU ALL



สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Republic Organization)

DESIGN mongkol
DRAWN mongkol
CHECKED Kierkrit S.
RELEASED
APPROVED

DATE 20260522
20260522

SIGN
PROJECTION

APPROVAL

GENERAL TOLERANCES
ISO 2768-mk
STANDARD DRAWING
ISO 5457

UNIT: mm

SCALE 1:1

MATERIAL 6061 Alloy

DRAWING NO. SLRL_R2R_DAI-CHI_Rol_690049_A

REVISION 01

SIZE A3

SHEET 6 / 8

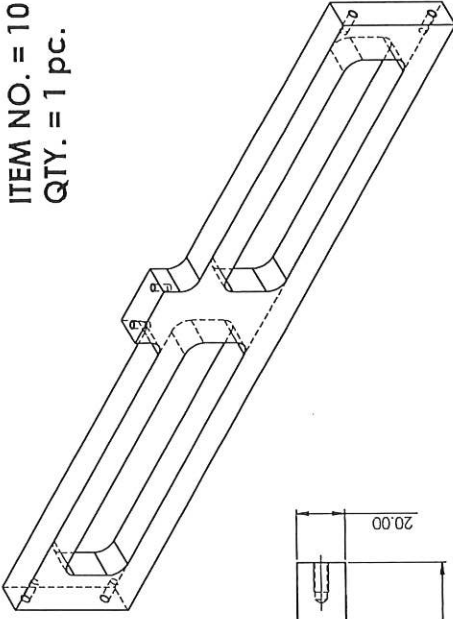
TITLE: DLC_R2R_Daiichi_Nib Roll_Slide lock set_Slide guide
support_(260420)

LIFE CYCLE

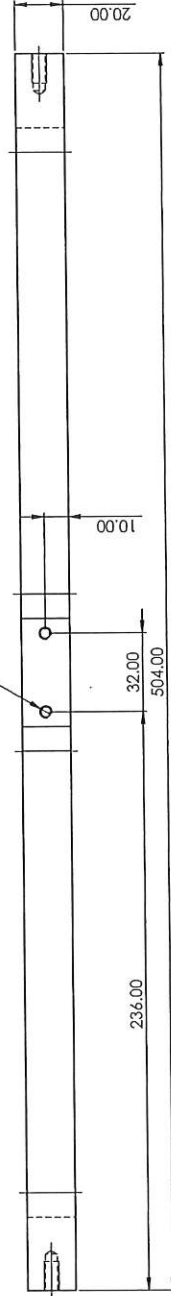
REV. DESCRIPTION EDITOR DATE APPROVAL DATE

REV. DESCRIPTION EDITOR DATE APPROVAL DATE

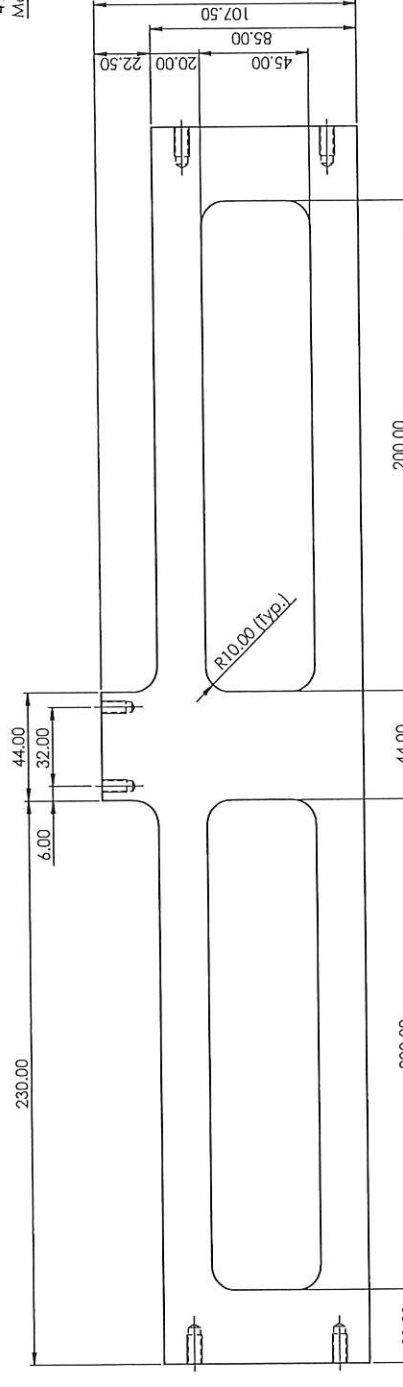
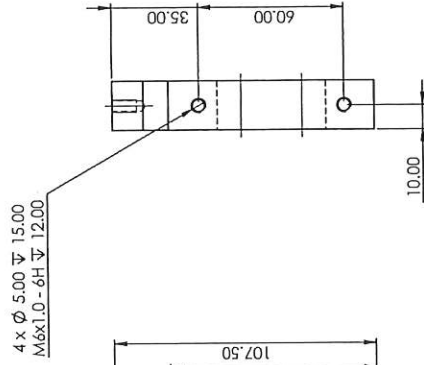
ITEM NO. = 10
QTY. = 1 pc.



2 x ϕ 4.20 ∇ 12.40
M5x0.8 - 6H ∇ 10.00

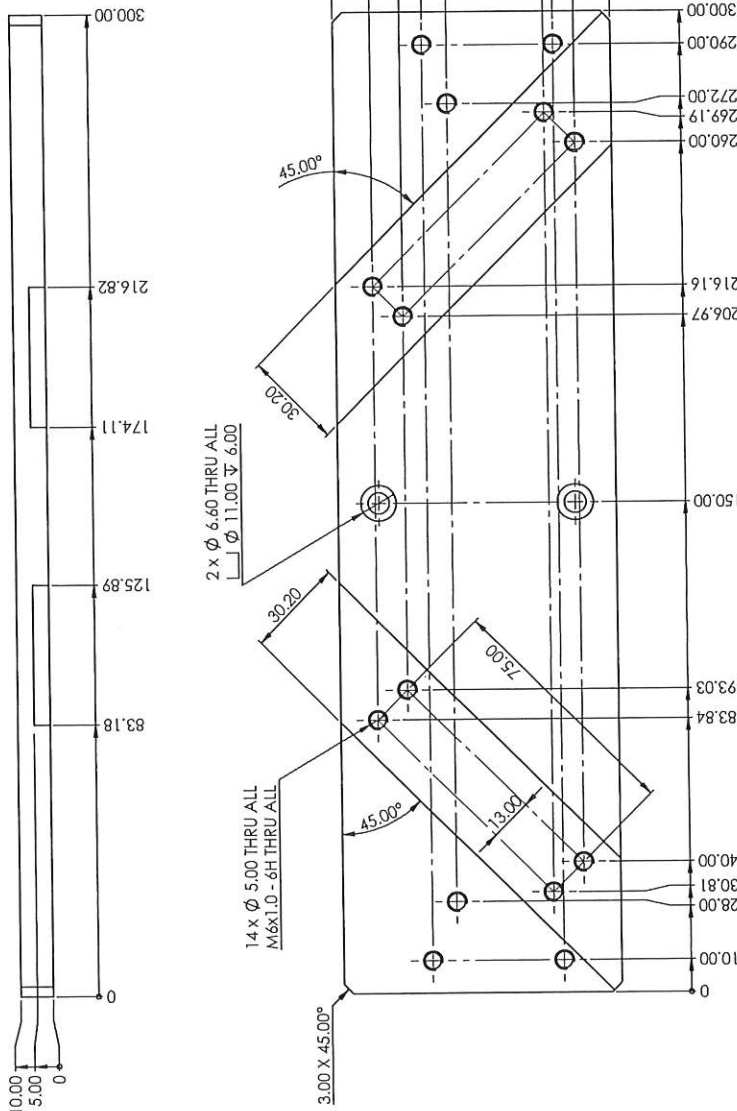
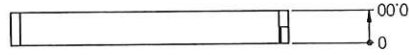
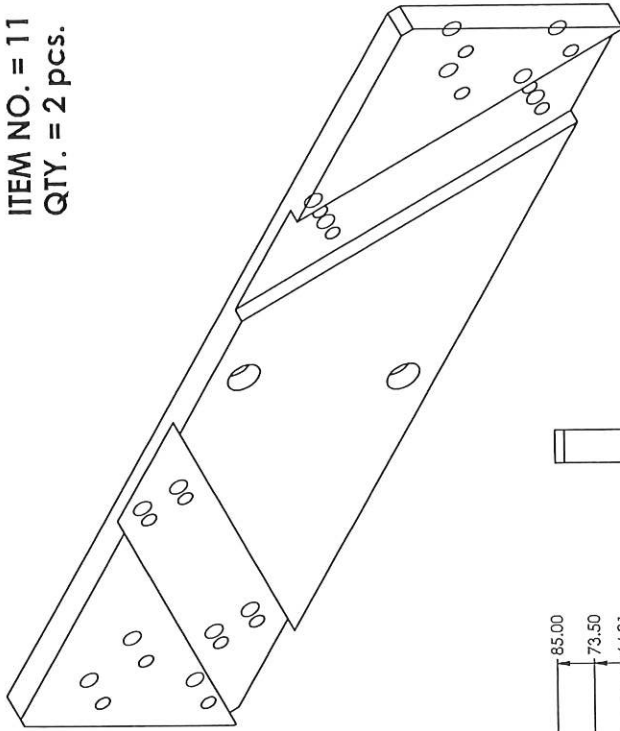


4 x ϕ 5.00 ∇ 15.00
M6x1.0 - 6H ∇ 12.00



APPROVAL		SIGN	DATE	 สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน) Synchrotron Light Research Institute (Republic Organization)	
DESIGN	mongkol		20260522	TITLE: DLC_R2R_Daiichi_Nib Roll_Slide lock set_Middle support_(260420) LIFE CYCLE	
DRAWN	mongkol		20260522		
CHECKED	Krerkrit S.				
RELEASED					
APPROVED					
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457				PROJECTION	 UNIT: mm
SIZE		Revision	DRAWING NO.		SHEET
A3		01	SLRL_R2R_DAI-ICHI_Roll_690049_A		7 / 8
REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE
8					

ITEM NO. = 11
QTY. = 2 pcs.

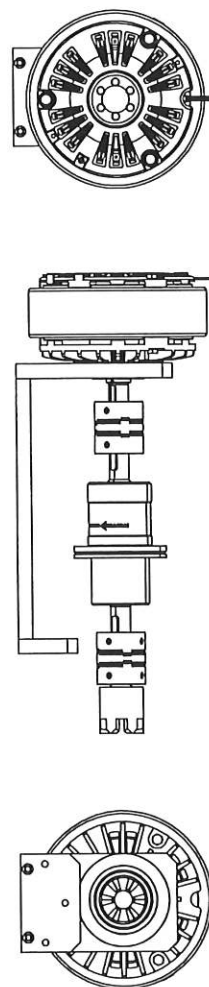
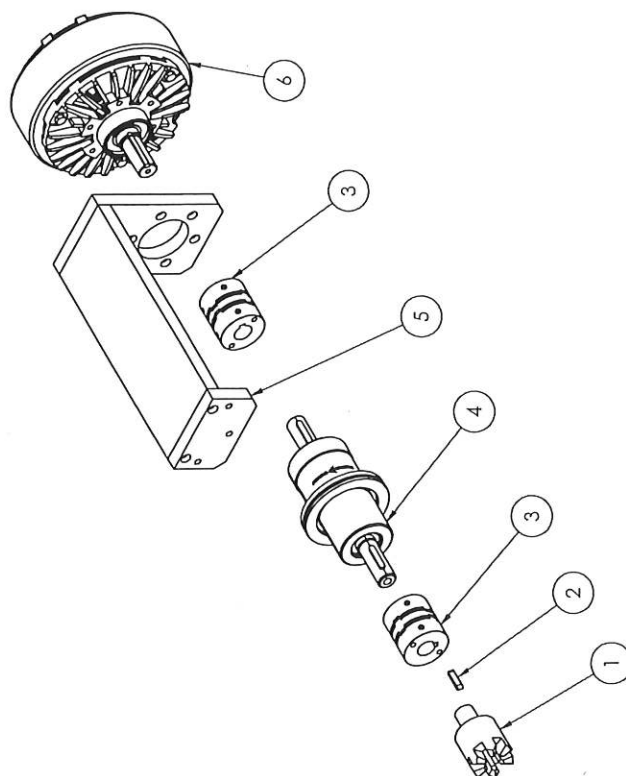


 สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน) Synchrotron Light Research Institute (Republic Organization)		APPROVAL	SIGN	DATE
DESIGN	mongkol	20260522		
DRAWN	mongkol	20260522		
CHECKED	Kerkrit S.			
RELEASED				
APPROVED				
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457		PROJECTION		
		 UNIT: mm		
TITLE: DLC_R2R_Daiichi_Nib Roll_Side support_(260420)		LIFE CYCLE		SCALE 2:3
		MATERIAL 6061 Alloy		SHEET 8 / 8
		DRAWING NO. SLRI_R2R_DAI-ICHI_Roll_690049_A		
		Revision 01		
		SIZE A3		

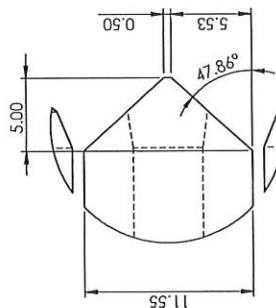
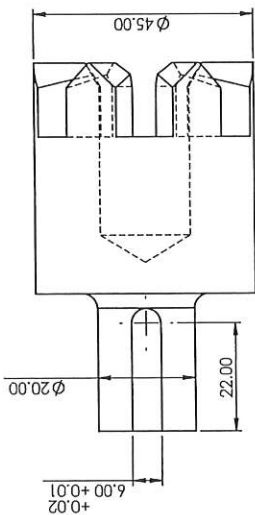
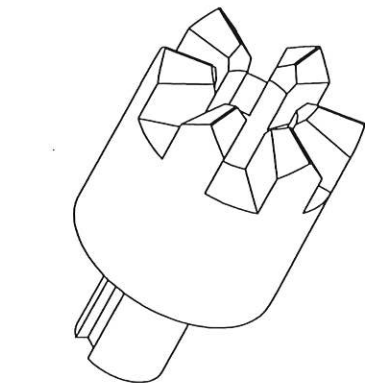
REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

 สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน) Synchrotron Light Research Institute (Republic Organization)			TITLE: DLC_R2R_1Batch_Rotary feedthrough set+Break_(260420)		LIFE CYCLE MATERIAL		SCALE 1:5		SHEET 1 / 6	
APPROVAL		SIGN	DATE	Revision 01		DRAWING NO. SLR_L2R2_DAL-CHI Roll_690052_A				
DESIGN	mongkol		20260522							
DRAWN	mongkol		20260522							
CHECKED	Krerkrit S.									
RELEASED										
APPROVED										
GENERAL TOLERANCES ISO 2768-mK STANDARD DRAWING ISO 5457				PROJECTION 		SIZE A3				

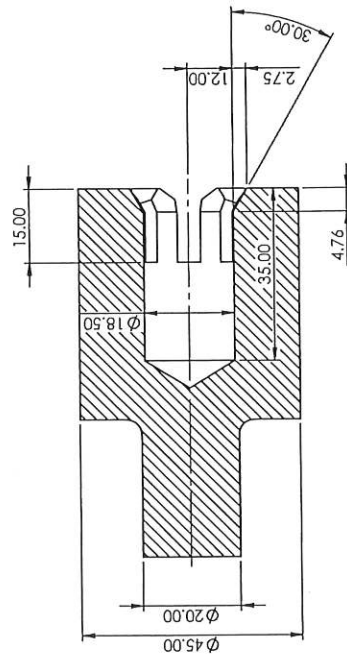
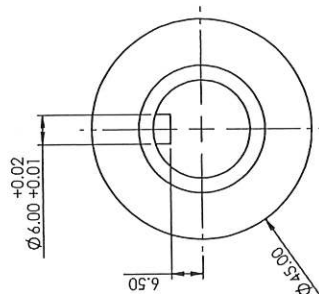
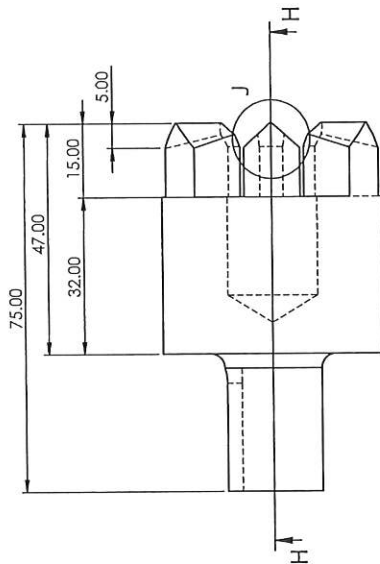
REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE
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ITEM NO. = 1
QTY. = 1 pc.



DETAIL J
SCALE 3 : 1



SECTION H-H

สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Republic Organization)

APPROVAL	SIGN	DATE
DESIGN	mongkol	20200522
DRAWN	mongkol	20200522
CHECKED	Krerkrit S.	
RELEASED		
APPROVED		

TITLE: Slide coupling# 1_(260420)

LIFE CYCLE	MATERIAL	SCALE
	Alloy 6061	1:1
SIZE	Revision	DRAWING NO.
A3	01	SLRI_R2R_DAI-ICHI_Roll_690052_A
		SHEET 2 / 6

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

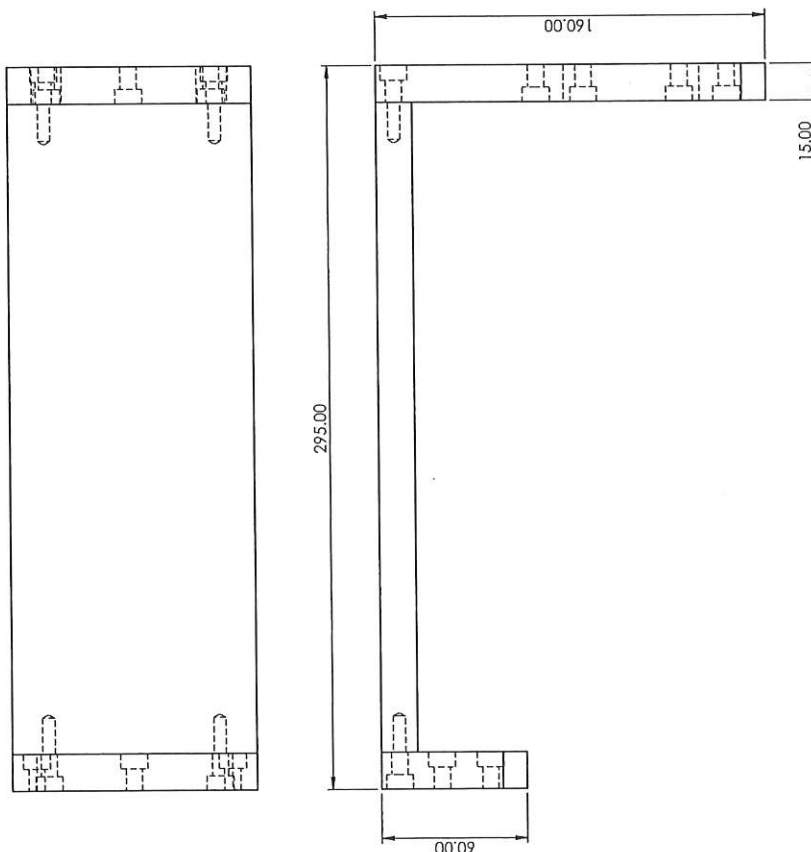
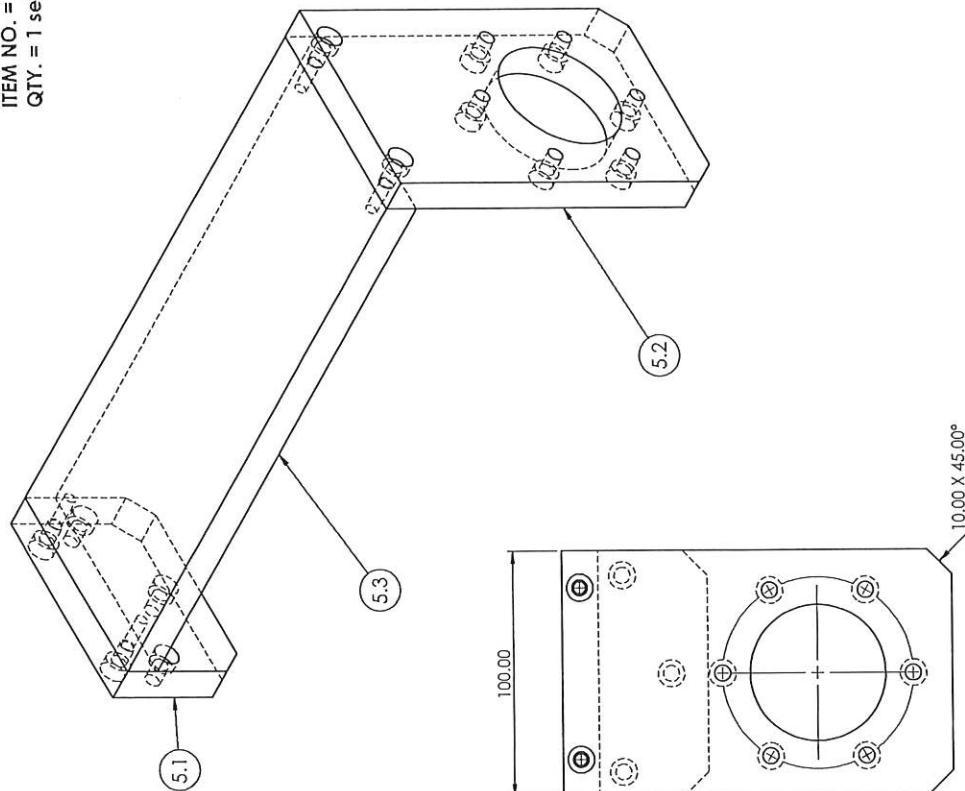
DESIGN	APPROVAL	SIGN	DATE
	mandal		20260522



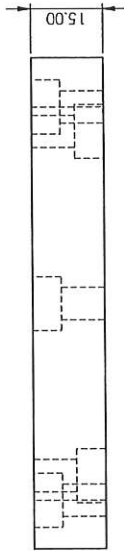
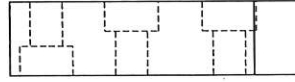
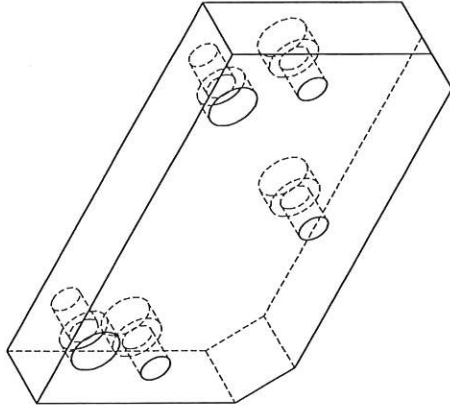
สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Public Organization)

CHECKED	Krirkrit S.	TITLE: DLC roll to roll Chamber_Powder brake support			
RELEASED					
APPROVED					
GENERAL TOLERANCES ISO 2768-mK STANDARD DRAWING ISO 5457		 PROJECTION 1st Ang. Proj.		SIZE A3	Revision 01
		LIFE CYCLE		MATERIAL AISI 304	SCALE 1:2
				DRAWING NO. SLRL_R2R_DAI-ICHI Roll_690052_A	SHEET 3 / 6

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

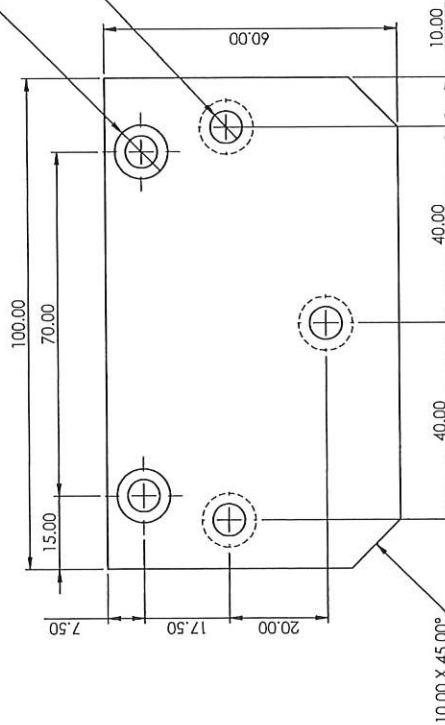


ITEM NO. = 5.1
QTY. = 1 pc



2 x ϕ 6.60 THRU
 ϕ 11.00 ∇ 6.00

3 x ϕ 6.60 THRU ALL
 ϕ 11.00 ∇ 6.00



DESIGN	APPROVAL	SIGN	DATE
mongkol			20260522
DRAWN			20260522
CHECKED			
RELEASED			
APPROVED			

สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Republic Organization)

TITLE: DLC roll to roll Chamber_Powder brake support_Part1

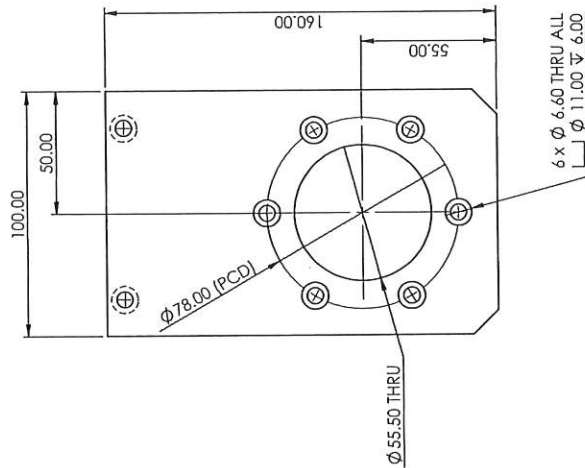
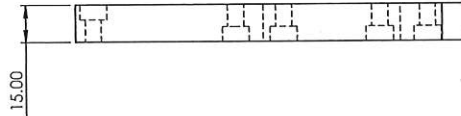
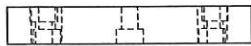
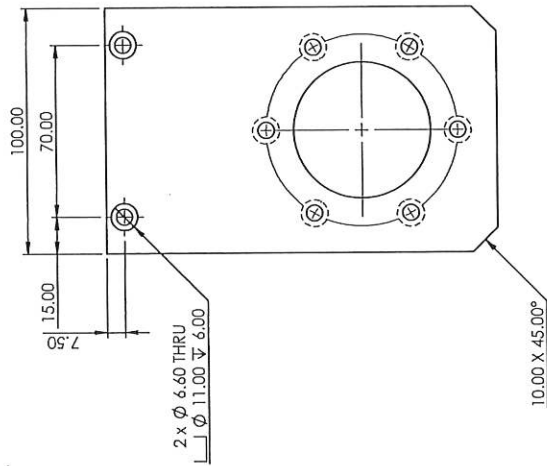
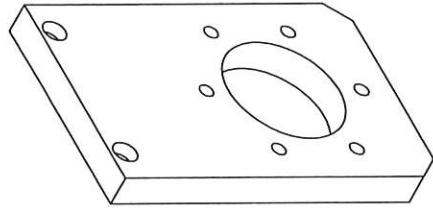
LIFE CYCLE	MATERIAL	SCALE	SHEET
	ASI 304	1:1	4 / 6
SIZE	Revision	DRAWING NO.	
A3	01	SLRI_R2R_DAI-ICHI Roll_890052_A	

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

Unit: mm

2 3 4 5 6 7 8

ITEM NO. = 5.2
QTY. = 1 pc



เอกสารแนบท้ายของ เทคนิคการวิจัย

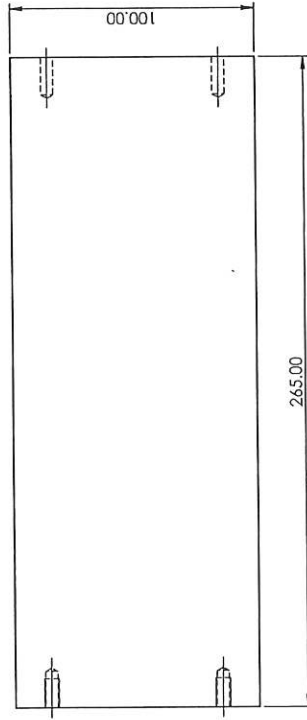
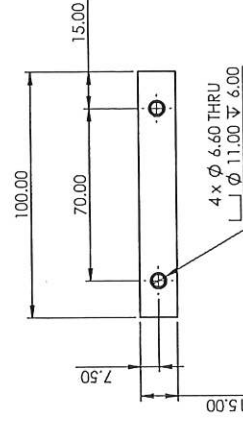
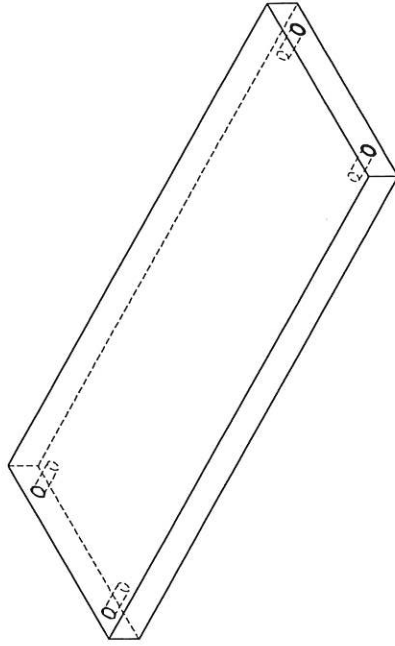
		สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน) Synchrotron Light Research Institute (Republic Organization)			
		TITLE: DLC roll to roll Chamber_Powder brake support_Part2			
		LIFE CYCLE		MATERIAL	
				AISI 304	
		SCALE		1:2	
		SHEET		5 / 6	
		DRAWING NO.		SLRI_R2R_DAI-ICHI Roll_690052_A	
		Revision		01	
		SIZE		A3	
		UNIT: mm		9	
				PROJECTION	
APPROVAL		SIGN		DATE	
DESIGN				20260522	
DRAWN				20260522	
CHECKED		Krerkrit S.			
RELEASED					
APPROVED					
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457					

TITLE: DLC roll to roll Chamber_Powder brake support_Part2

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

3 4 5 6 7 8

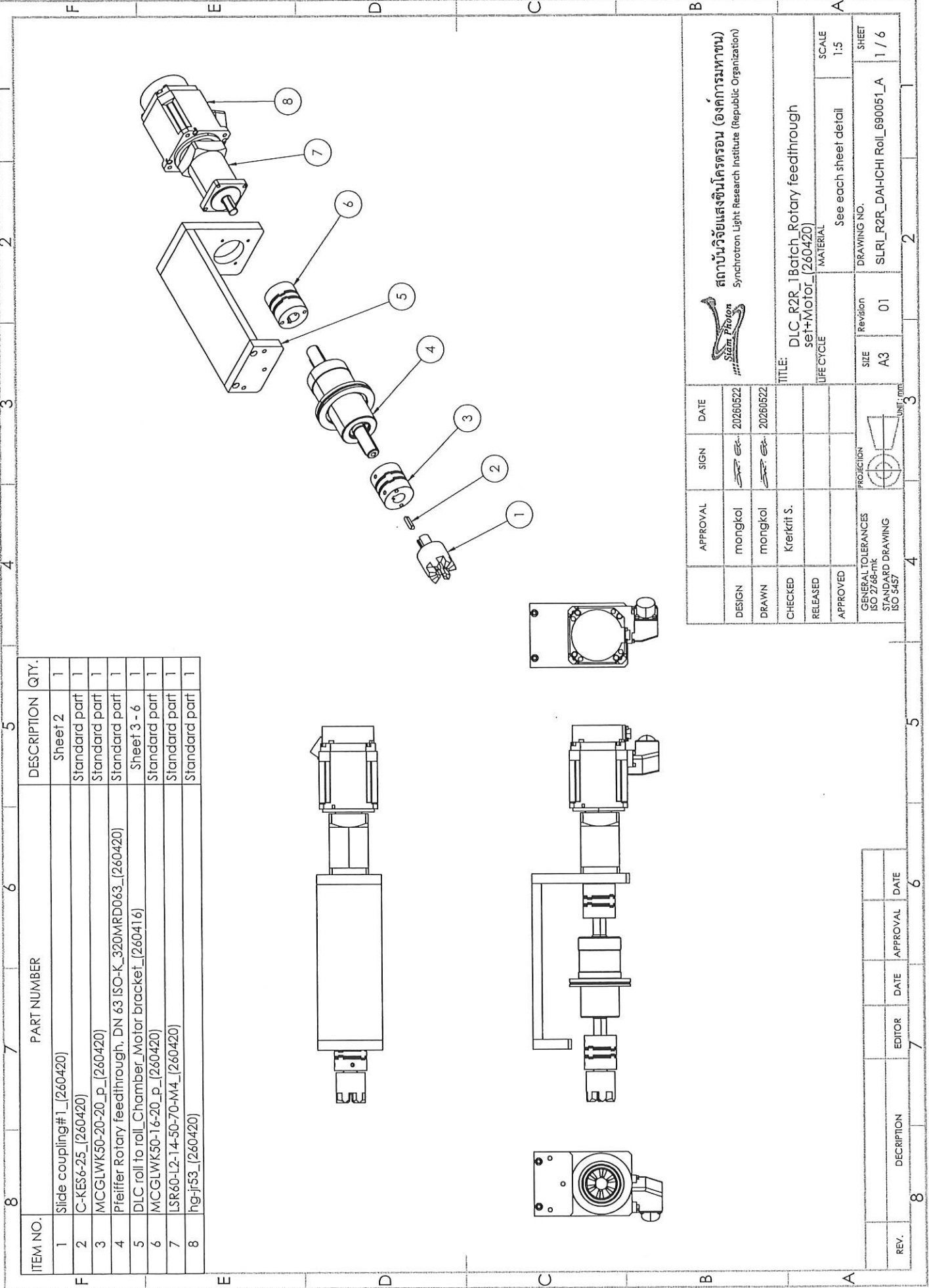
ITEM NO. = 5.3
QTY. = 1 pc



โครงการแบบร่างจากต้นแบบ

APPROVAL		SIGN	DATE	 สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน) Synchrotron Light Research Institute (Republic Organization)	
DESIGN	mongkol		20260522	TITLE: DLC roll to roll Chamber_Powder brake support_Part3	
DRAWN	mongkol		20260522	SCALE 1:2	
CHECKED	Krerkrit S.			MATERIAL AISI 304	
RELEASED				DRAWING NO. SLRI_R2R_DAI-ICHI_Roll_690052_A	
APPROVED				SHEET 6 / 6	
GENERAL TOLERANCES ISO 2768-MS STANDARD DRAWING ISO 5457		PROJECTION	SIZE A3	Revision 01	
			UNIT: mm		

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

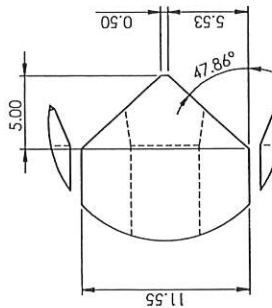
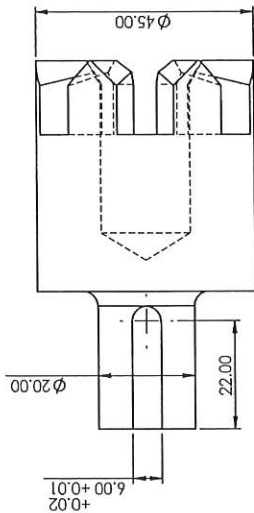
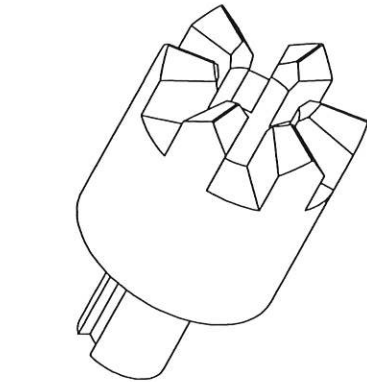


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Slide coupling# 1_(260420)	Sheet 2	1
2	C-ES6-25_(260420)	Standard part	1
3	MCGLWK50-20-20-P_(260420)	Standard part	1
4	Pfeifer Rotary feedthrough, DN 63 ISO-K_320MRD063_(260420)	Standard part	1
5	DLC roll to roll Chamber Motor bracket_(260416)	Sheet 3 - 6	1
6	MCGLWK50-16-20-P_(260420)	Standard part	1
7	LSR60-L2-14-50-70-M4_(260420)	Standard part	1
8	hg-j53_(260420)	Standard part	1

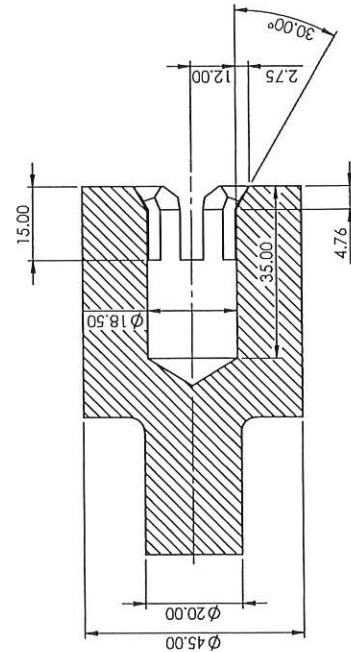
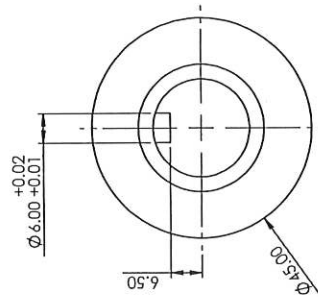
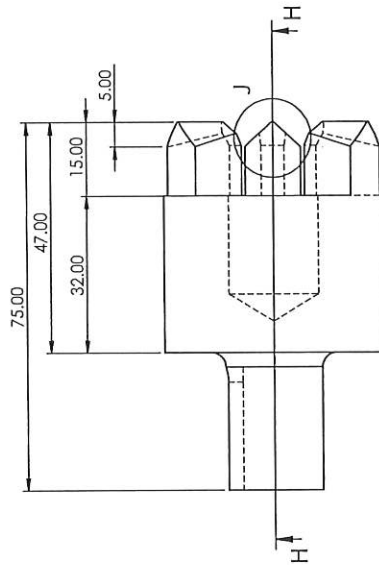
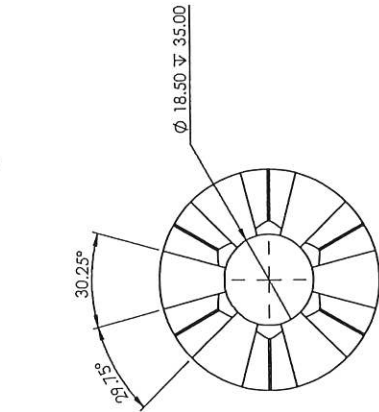
DESIGN		APPROVAL	SIGN	DATE	Siam Photon สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน) Synchrotron Light Research Institute (Republic Organization)
DRAWN		mongkol		20260522	TITLE: DLC_R2R_1Batch_Rotary feedthrough set+Motor_(260420)
CHECKED		mongkol		20260522	
RELEASED		Krekrit S.			
APPROVED					
GENERAL TOLERANCES ISO 2768-mk STANDARD DRAWING ISO 5457		PROJECTION		SIZE A3	REVISION 01
		UNIT: mm		DRAWING NO. SLRL_R2R_DAI-ICHI_Roll_690051_A	SHEET 1 / 6
				SCALE 1:5	
				See each sheet detail	

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE
8					

ITEM NO. = 1
QTY. = 1 pc.



DETAIL J
SCALE 3:1

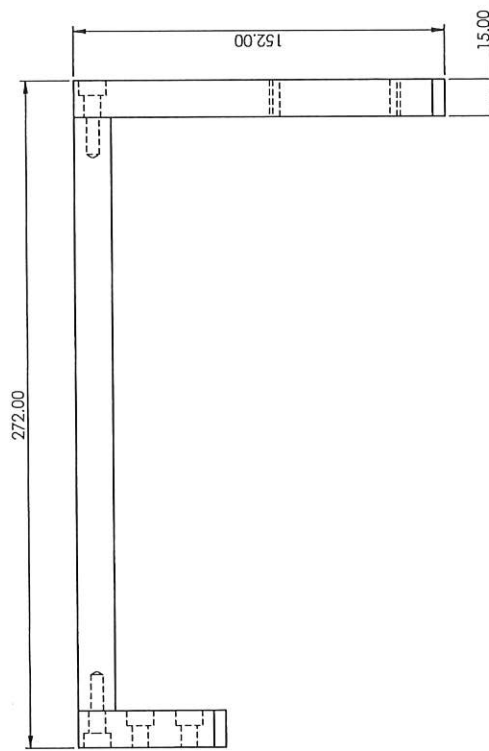
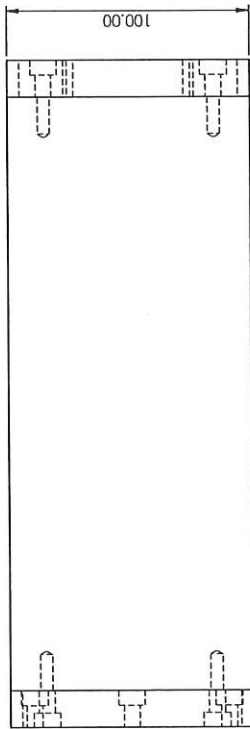
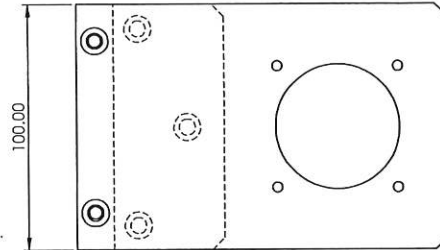
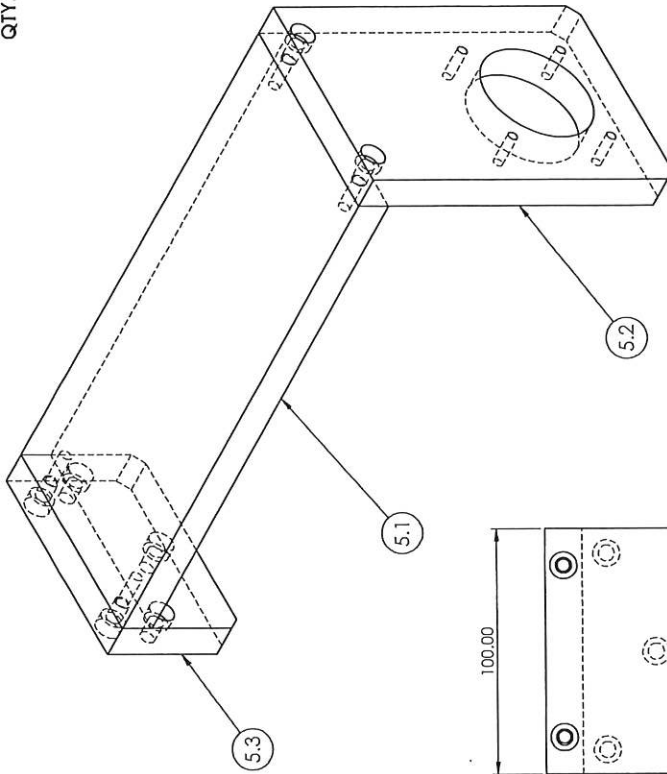


SECTION H-H

DESIGN	APPROVAL	SIGN	DATE	สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน) Synchrotron Light Research Institute (Republic Organization)			
DRAWN	mongkol	20260522	20260522	TITLE: Slide coupling#1_2(260420)			
CHECKED	mongkol			LIFE CYCLE			
RELEASED	Kreikrit S.			MATERIAL			
APPROVED				6061 Alloy			
GENERAL TOLERANCES ISO 2768-MK STANDARD DRAWING ISO 3457				SCALE 1:1			
PROJECTION				DRAWING NO.			
ISO 2768-MK				SLRI_R2R_DAI-CHI Roll_690051_A			
STANDARD DRAWING				SHEET			
ISO 3457				2 / 6			

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

ITEM NO. = 5
QTY. = 1 set



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
5.1	DLC roll to roll Chamber_Motor bracket_Part3		1
5.2	DLC roll to roll Chamber_Motor bracket_Part2	Sheet 5	1
5.3	DLC roll to roll Chamber_Motor bracket_Part1	Sheet 6	1

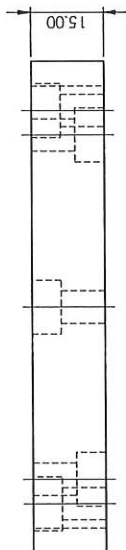
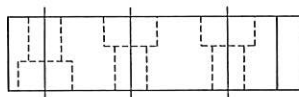
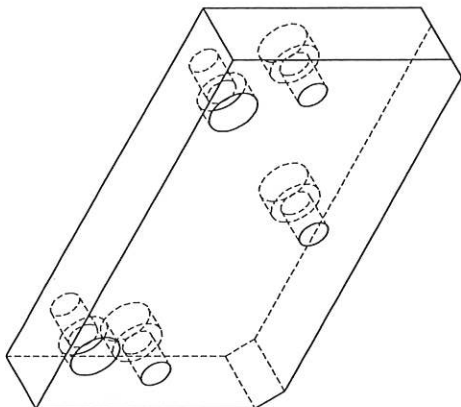
สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Repubic Organization)

DESIGN	APPROVAL	SIGN	DATE
20260522	mongkol		20260522
20260522	mongkol		20260522
CHECKED	Kerkrit S.		
RELEASED			
APPROVED			

TITLE:	LIFE CYCLE	MATERIAL	SCALE	SHEET
DLC roll to roll Chamber_Motor bracket assembly		AISI 304	1:2	3 / 6
		DRAWING NO.		
		Revision		
		SIZE		
		A3		
		01		
		SLRL_R2R_DAI-ICHI Roll_690051_A		

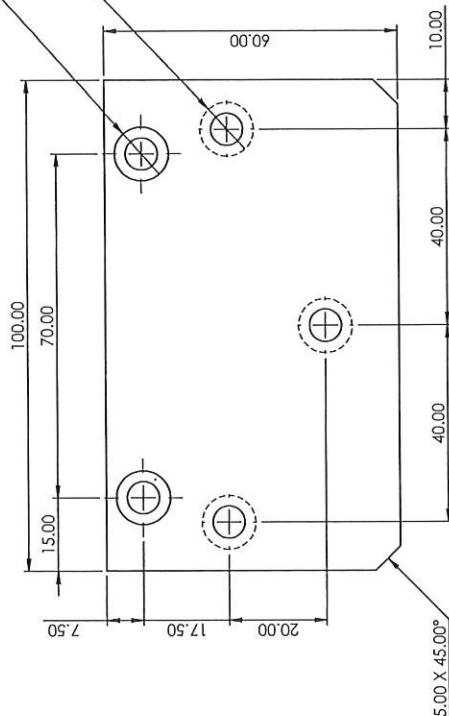
REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

ITEM NO. = 5.1
QTY. = 1 pc



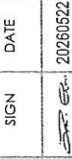
2 x $\varnothing$ 6.60 THRU
L $\varnothing$ 11.00 ∇ 6.00

3 x $\varnothing$ 6.60 THRU
L $\varnothing$ 11.00 ∇ 6.00



โครงการสนับสนุนวิจัยด้านฟิสิกส์

สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Repubic Organization)



TITLE: DLC roll to roll Chamber_Motor bracket_Part1

LIFE CYCLE	MATERIAL	SCALE	SHEET
	AIISI 304	1:1	4 / 6
Revision	DRAWING NO.	SIZE	
01	SLRL_R2R_DAI-ICHI_Rol_690051_A	A3	

APPROVAL	SIGN	DATE
DESIGN	mongkol	20260522
DRAWN	mongkol	20260522
CHECKED	Kerkrit S.	
RELEASED		
APPROVED		

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

Unit: mm

3

4

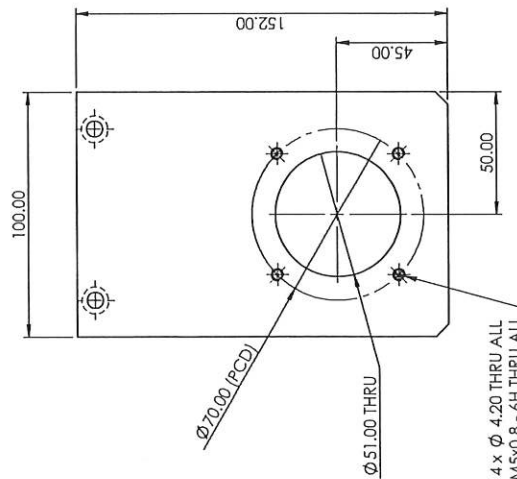
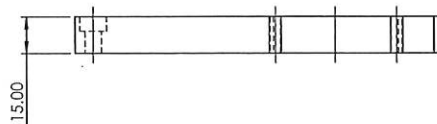
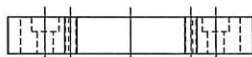
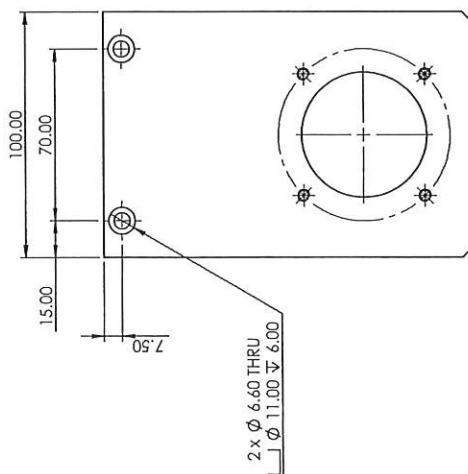
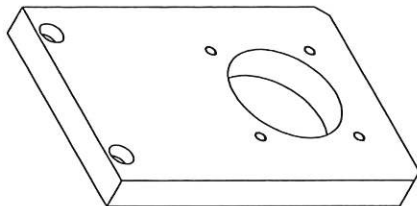
5

6

7

8

ITEM NO. = 5.2
QTY. = 1 pc



สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน)
Synchrotron Light Research Institute (Republic Organization)

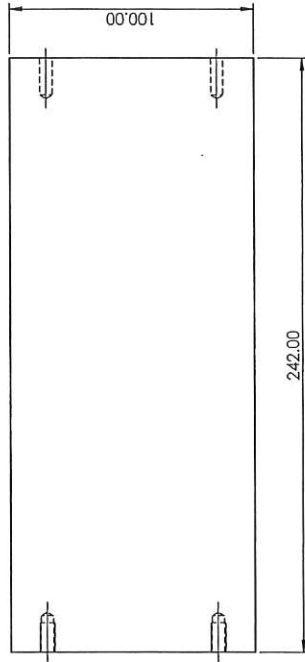
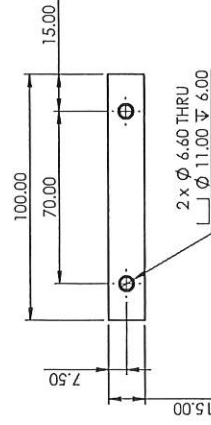
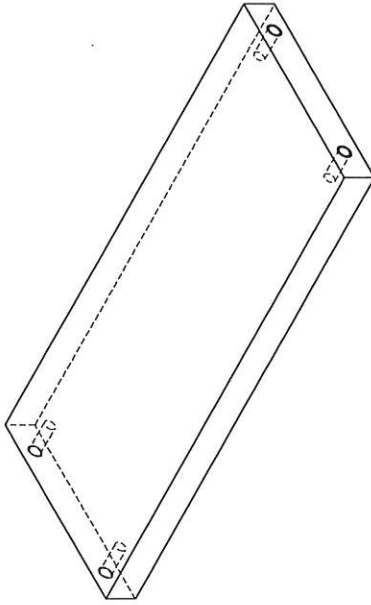
APPROVAL	SIGN	DATE
DESIGN	mongkol	20260522
DRAWN	mongkol	20260522
CHECKED	Krerkrit S.	
RELEASED		
APPROVED		

TITLE: DLC roll to roll Chamber_Motor bracket_Part2

RELEASED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														</
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REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE

ITEM NO. = 5.3
QTY. = 1 pc



เอกสารแนบท้ายจากต้นเรื่อง

 สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน) Synchrotron Light Research Institute (Republic Organization)		SLRI R2R_DAI-ICHI Roll_690051_A 6 / 6	
TITLE: DLC roll to roll Chamber_Motor bracket_Part3		SCALE: 1:2	
LIFE CYCLE		MATERIAL: AISI 304	
APPROVAL		Revision: 01	
DESIGN: mongkol		SIZE: A3	
DRAWN: mongkol		PROJECTION: 	
CHECKED: Kerkrit S.		STANDARD DRAWING: ISO 5457	
RELEASED:		UNIT: mm	
APPROVED:		SHEET: 6 / 6	

REV.	DESCRIPTION	EDITOR	DATE	APPROVAL	DATE