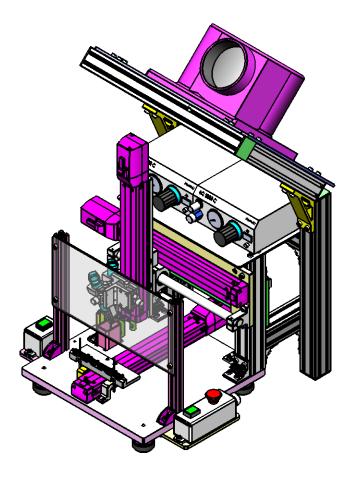


	Material	,
_	Treatment	
	Hardness	-
	Q'ty	1 Pcs.

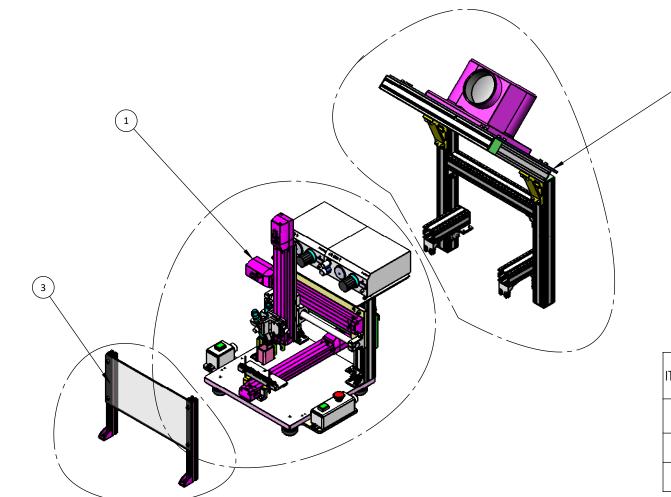


Remark: If not specified, all edge Chamfer to about C 0.5 mm.

			Usual Size Allowance Difference (mm.)				Surface T		Drawing Ratio	Model	BO-36	Size A4
			Size Division 1 < L < 4	Precise 0.05 /	Middle 0.1	Rough 0.3		(12.5)	1:7	Nama	TT57 FILM GUIDE FRAME I	
			4 <l≤ 16<="" th=""><th>0.07</th><th>0.2</th><th>0.5</th><th>Design</th><th>Checke</th><th>d Approved</th><th>Part Namo</th><th>FILM GUIDE FRAME bonding machine</th><th>(00)</th></l≤>	0.07	0.2	0.5	Design	Checke	d Approved	Part Namo	FILM GUIDE FRAME bonding machine	(00)
			16 <l≤ 36<br="">36 <l≤ 250<="" th=""><th>0,1 0.2</th><th>0.3 0.5</th><th>0⁄.7 /1.2</th><th>D.Nakarin</th><th></th><th></th><th>Drawing Number</th><th></th><th>Rev.00</th></l≤></l≤>	0,1 0.2	0.3 0.5	0⁄.7 /1.2	D.Nakarin			Drawing Number		Rev.00
			250 <l<u>< 1000</l<u>		0.8	2.0						1
Mark	Date	Revision Detail	Angle Allowance Differance ±						Date Design	17-NOV-2023	2	



RAWING	Material	;
	Treatment	
	Hardness	-
	Q'ty	1 Pcs.



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	TT57-01-100	Film Guide Frame bonding	1
2	TT57-02-200	Exhaust fan set	1
3	TT57-03-300	Cover Safety	1

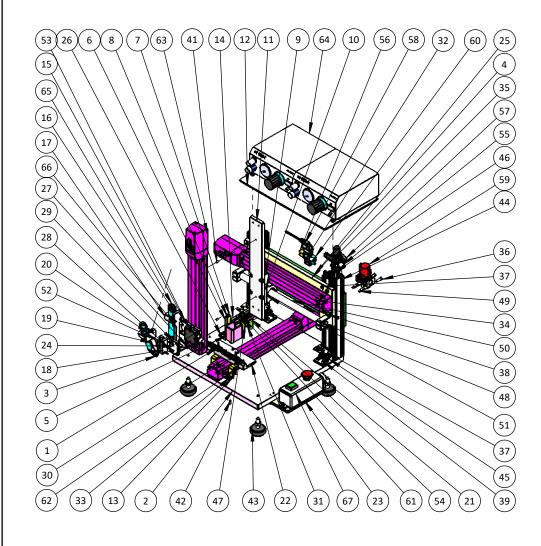
Remark: If not specified, all edge Chamfer to about C 0.5 mm.

			Usual Size Allowance Difference (mm.)				Surface 1	уре	Drawing Ratio	Model	BO-36	Size A4
			Size Division		Middle		<u> </u>	(12.5)	1.7	Name	TT57 FILM GUIDE FRAME b	
			1 <l<u>< 4</l<u>	0.05 /	0.1	0.3 /	⊕€	-	1.7	IVAIIIC	machine.	
			4 <l<u>< 16</l<u>	0.07	0.2	0.5	Design	Checked	d Approved		FILM GUIDE FRAME	(00)
_			16 <l<u>< 36</l<u>	0,1	0.3	9⁄.7	D. Maliania				bonding machine	
			36 <l<u>< 250</l<u>	0.2	0.5	/1.2	D.Nakarin			Drawing Number	TT57	Rev.00
			250 <l≤ 1000<="" td=""><td>/ 0.3</td><td>0.8</td><td>/ 2.0</td><td></td><td></td><td></td><td></td><td></td><td> </td></l≤>	/ 0.3	0.8	/ 2.0						
Mark	Date	Revision Detail	Angle Allo	wance Diffe	rance ±	•				Date Design	17-NOV-2023	$\frac{2}{2}$

FM-12-008 Rev.01



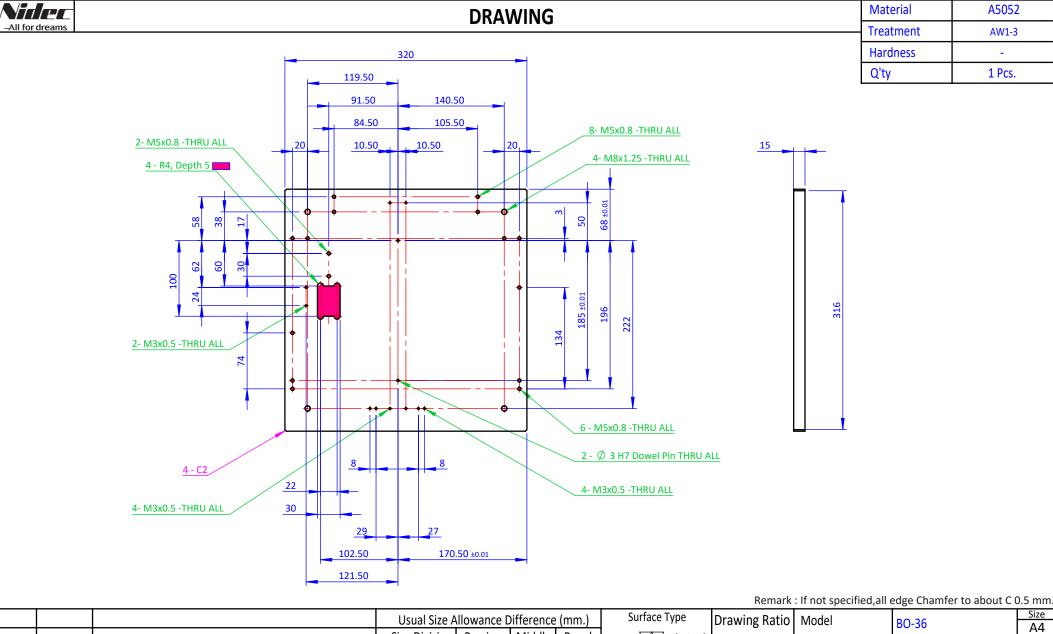
Material	
Treatment	
Hardness	-
Q'ty	1 Pcs.



ITEM NO.	PART NUMBER	DESCRIPTION	PART TYPE	QTY.	ITEM NO.	PART NUMBER	DESCRIPTION	PART TYPE	QTY.
1	BO-36_FILM_GUIDE_FRAME	Model	Part Model	2	36	SCB4-15	Socket Head Cap Screws	Misumi	2
2	TT57-01-101	Base Plate	Part Making	1	37	SCB5-10	Socket Head Cap Screws	Misumi	32
3	TT57-01-102	Syringe Lock Plate 1	Part Making	2	38	SCB5-15	Socket Head Cap Screws	Misumi	4
4	TT57-01-103	Robot Plate 1	Part Making	1	39	SCB5-20	Socket Head Cap Screws	Misumi	12
5	TT57-01-104	Tray	Part Making	1	40	MSHS3-6	Dowel pin	Misumi	4
6	TT57-01-105	Guide Support Plate	Part Making	1	41	MSHS3-8	Dowel pin	Misumi	4
7	TT57-01-106	Guide Plate 1	Part Making	1	42	MSHS3-12	Dowel pin	Misumi	2
8	TT57-01-107	Guide Plate 2	Part Making	1	43	NFBG40-8-30-B	Leveling Mounts	Misumi	4
9	TT57-01-108	Robot Connector Plate	Part Making	1	44	HFS5-4040-260.0-LTP	Aluminum Frame	Misumi	2
10	TT57-01-109	Housing Units Plate	Part Making	1	45	HBLTD5	Aluminum Brackets	Misumi	4
11	TT57-01-110	Robot Plate 2	Part Making	1	46	SHNTU5-5	Nuts for Aluminum Frames	Misumi	16
12	TT57-01-111	Dispensor Plate	Part Making	1	47	PETGR10-40	Circular Posts	Misumi	2
13	TT57-01-112	Sensor Plate	Part Making	2	48	SHA16	Shaft Supports	Misumi	2
14	TT57-01-113	Cleaning Plate	Part Making	2	49	SETGS6-25-SC5-M4-N41	Circular Posts	Misumi	2
15	TT57-01-114	Manual Stages Plate 1	Part Making	1	50	SSFJ16-330	Linear Shafts	Misumi	1
16	TT57-01-115	Syringe Plate 1	Part Making	1	51	LHBBF16	Housing Units	Misumi	1
17	TT57-01-116	Syringe Lock Plate 2	Part Making	2	52	XFES25	X-Axis Stage	Misumi	1
18	TT57-01-117	Stages Connector Plate	Part Making	1	53	XFES40	X-Axis Stage	Misumi	1
19	TT57-01-118	Syringe Plate 2	Part Making	1	54	AS1201F-M3-04	Speed Controller	SMC	2
20	TT57-01-119	Manual Stages Plate 2	Part Making	1	55	KQ2S06-M5A	One-Touch Fitting	SMC	3
21	TT57-01-120	Cylinder Support Plate	Part Making	1	56	KQ2S04-M5A	One-Touch Fitting	SMC	2
22	TT57-01-121	Jig	Part Making	1	57	AW10-M5BG	Filter Regulator	SMC	1
23	TT57-01-122	Plate Switch R	Part Making	1	58	SY3120-5MZ-M5	Solenoid Valve	SMC	1
24	TT57-01-123	Plate Switch L	Part Making	1	59	VHS20-02A	Valve	SMC	1
25	TT57-01-124	Pneumatic Plate	Part Making	1	60	BSLM5	Silencer	AIRTAC	2
26	TT57-01-125	Guide Adjust Plate	Part Making	1	61	HFZ6	Gripper Cylinder	AIRTAC	1
27	SCB2-5	Socket Head Cap Screws	Misumi	12	62	FU-35FZ	Sensor	Keyence	2
28	SCB2-10	Socket Head Cap Screws	Misumi	4	63	RCA-SA4D-A-20-10-200-A1-P	Robot Actuator	IAI	3
29	SCB3-5	Socket Head Cap Screws	Misumi	15	64	DISPENSOR AC 2000 C	Dispensor	Musashi	2
30	SCB3-8	Socket Head Cap Screws	Misumi	4	65	Syringe+Needle	Syringe 10 ml	Musashi	2
31	SCB3-10	Socket Head Cap Screws	Misumi	6	66	AIO-M104	Switch Box	SUS BKK	1
32	SCB3-12	Socket Head Cap Screws	Misumi	2	67	AIO-M201	Switch Box	SUS BKK	1
33	SCB3-15	Socket Head Cap Screws	Misumi	8	1				
34	SCB3-35	Socket Head Cap Screws	Misumi	12	1				
35	SCB4-8	Socket Head Cap Screws	Misumi	2	1				

			Usual Size Allowance Difference (mm.)				Surface ⁻	Гуре	Drawing Ratio	Model	BO-36	Size A4
			Size Division	Precise	Middle	Rough	$\overline{}$	(12.5)	4.40		TT57 FILM GUIDE FRAME b	
			1 <l<u>< 4</l<u>	0.05 /	0.1	0.3 /	⊕(-	1	1:10	i Mamo	machine.	
			4 <l<u>≤ 16</l<u>	0.07	0.2	0.5⁄	Design	Checke	d Approved	Part Name	TT57-01-100	(01)
			16 <l≤ 36<="" td=""><td>0,1</td><td>0.3</td><td>9⁄.7</td><td>D Makaria</td><td></td><td><u> </u></td><td>Tarentame</td><td>1137 01 100</td><td></td></l≤>	0,1	0.3	9⁄.7	D Makaria		<u> </u>	Tarentame	1137 01 100	
			36 <l<u>< 250</l<u>	0.2	0.5	/1.2	D.Nakarin			Drawing Number	TT57-01-100	Rev.00
			250 <l<u>< 1000</l<u>	/ 0.3	0.8	/ 2.0						
Mark	Date	Revision Detail	Angle Allo	wance Diffe	erance ±					Date Design	17-NOV-2023	$\frac{1}{1}$

FM-12-008 Rev.01

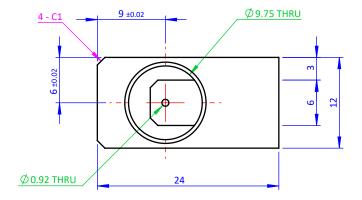


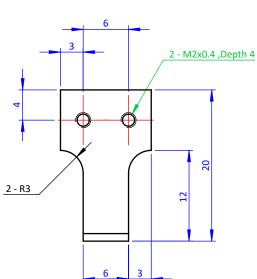
			Usual Size Allowance Difference (mm.)				Surface ⁻	Гуре	Drawing Ratio	Model	BO-36	Size A4
			Size Division	Precise	Middle	Rough	\bigvee	(12.5)	1.5	Nama	TT57 FILM GUIDE FRAME b	
			1 <l<u>< 4</l<u>	0.05 /	0.1	0.3 /	●€	}	1:5	Name	machine.	
			4 <l≤ 16<="" td=""><td>0.07</td><td>0.2</td><td>0.5</td><td>Design</td><td>Checke</td><td>d Approved</td><td>Part Name</td><td>TT57-01-101</td><td>$\left \begin{array}{c} 1 \end{array} \right$</td></l≤>	0.07	0.2	0.5	Design	Checke	d Approved	Part Name	TT57-01-101	$\left \begin{array}{c} 1 \end{array} \right $
			16 <l≤ 36<="" td=""><td>0,1</td><td>0.3</td><td>9⁄.7</td><td>D.Nakarin</td><td></td><td></td><td></td><td></td><td>+</td></l≤>	0,1	0.3	9⁄.7	D.Nakarin					+
			36 <l<u>< 250</l<u>	0.2	0.5	/1.2	D.INGKGIIII			Drawing Number	TT57-01-101	Rev.00
			250 <l<u>< 1000</l<u>	/ 0.3	0.8	/ 2.0						
Mark	Date	Revision Detail	Angle Allowance Differance ±							Date Design	17-NOV-2023	1 1

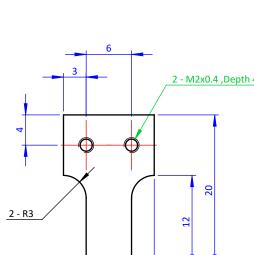
FM-12-008 Rev.01

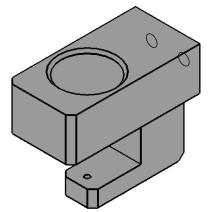


	Material	A5052
_	Treatment	AW1-3
	Hardness	-
	O'tv	2 Pcs.



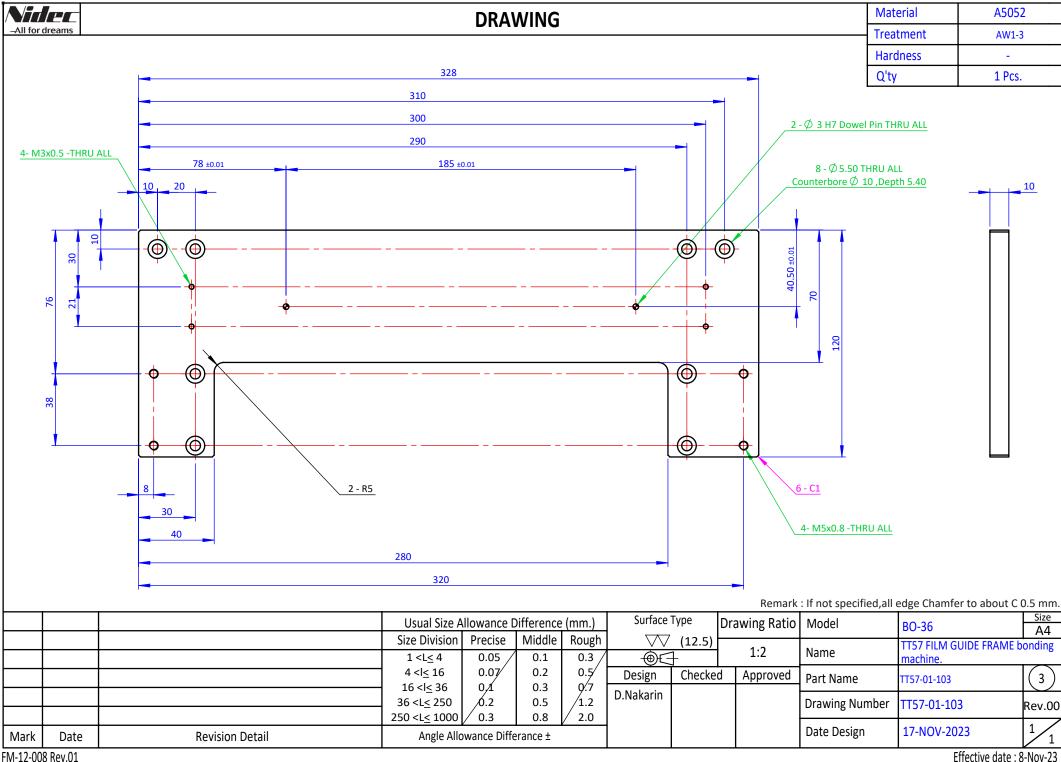






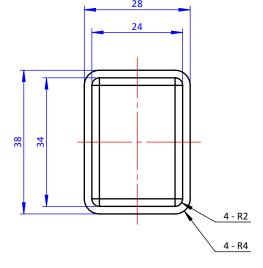
Remark: If not specified all edge Chamfer to about C 0.5 mm.

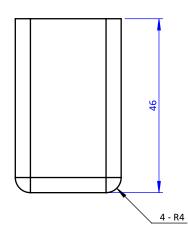
										cage enaimer to about e		
			Usual Size Allowance Difference (mm.)				Surface 1	уре	Drawing Ratio	Model	BO-36	Size A4
			Size Division	Precise	Middle	Rough	\bigvee	(12.5)	2.1	Nama	TT57 FILM GUIDE FRAME	
			1 <l<u>< 4</l<u>	0.05 /	0.1	0.3 /	\[\]	_	2:1		machine.	
			4 <l≤ 16<="" th=""><th>0.07</th><th>0.2</th><th>0.5</th><th>Design</th><th>Checked</th><th>d Approved</th><th>Part Name</th><th>TT57-01-102</th><th> (2) </th></l≤>	0.07	0.2	0.5	Design	Checked	d Approved	Part Name	TT57-01-102	(2)
\vdash			16 <l≤ 36<="" th=""><th>0,1</th><th>0.3</th><th>0⁄.7</th><th>D. Mallanda</th><th></th><th></th><th></th><th></th><th>\perp</th></l≤>	0,1	0.3	0⁄.7	D. Mallanda					\perp
			36 <l<u>< 250</l<u>	0.2	0.5	1.2	D.Nakarin			Drawing Number	TT57-01-102	Rev.00
			250 <l<u>< 1000</l<u>	/ 0.3	0.8	/ 2.0						
Mark	Date	Revision Detail	Angle Allowance Differance ±							Date Design	17-NOV-2023	1 1

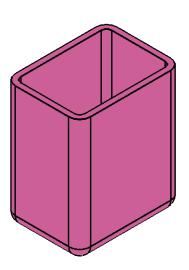




Material	SUS 304
Treatment	
Hardness	-
Q'ty	1 Pcs.







Remark: If not specified, all edge Chamfer to about C 0.5 mm.

			Oddar Size / ino wance Directione (minn)			Surface T	Туре	Drawing Ratio	Model	BO-36	Size A4	
			Size Division	Precise	Middle	Rough		(12.5)	1.1	Nama	TT57 FILM GUIDE FRAME I	
			1 <l<u>< 4</l<u>	0.05 /	0.1	0.3 /	⊕	_	1.1	Mame	machine.	
			4 <l≤ 16<="" td=""><td>0.07</td><td>0.2</td><td>0.5</td><td>Design</td><td>Checked</td><td>d Approved</td><td>Part Name</td><td>TT57-01-104</td><td> (4) </td></l≤>	0.07	0.2	0.5	Design	Checked	d Approved	Part Name	TT57-01-104	(4)
_			16 <l≤ 36<="" td=""><td>0,1</td><td>0.3</td><td>0⁄.7</td><td>D. Mallanda</td><td></td><td></td><td></td><td></td><td>\perp</td></l≤>	0,1	0.3	0⁄.7	D. Mallanda					\perp
			36 <l<u>< 250</l<u>	0.2	0.5	/1.2	D.Nakarin			Drawing Number	TT57-01-104	Rev.00
1		<u> </u>	250 <l< 1000<="" td=""><td>/ 0.3</td><td>0.8</td><td>/ 2.0</td><td></td><td></td><td></td><td></td><td></td><td></td></l<>	/ 0.3	0.8	/ 2.0						
Mark	Date	Revision Detail		wance Diffe		y				Date Design	17-NOV-2023	$\frac{1}{1}$

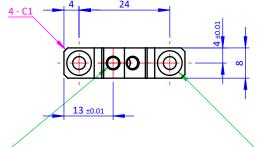
FM-12-008 Rev.01



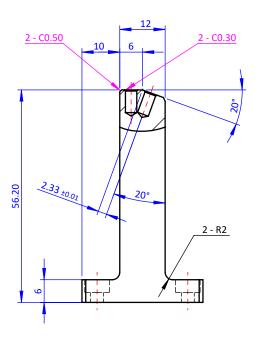
2 - \emptyset 3 Depth 6 H7 Dowel Pin THRU ALL

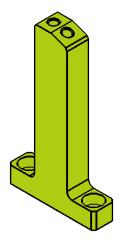
DRAWING

Material	A5052
Treatment	AW1-3
Hardness	-
O'tv	1 Pcs.



 $2 - \emptyset$ 3.40 THRU ALL Counterbore \emptyset 6.50 ,Depth 3.40



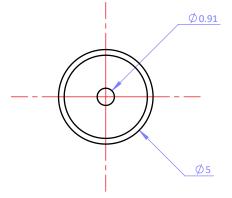


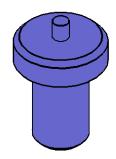
Remark: If not specified, all edge Chamfer to about C 0.5 mm.

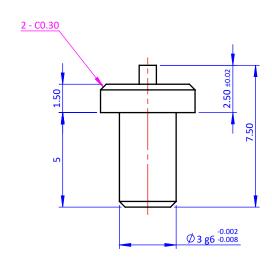
				Usual Size Allowance Difference (mm.)			Surface 7		Drawing Ratio	Model	BO-36	Size A4
			Size Division 1 < L≤ 4	Precise 0.05 /	Middle 0.1	Rough 0.3	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	(12.5) -	1:1		TT57 FILM GUIDE FRAME machine.	bonding
			4 <l≤ 16<br="">16 <l≤ 36<="" th=""><th>0.07 0.4</th><th>0.2 0.3</th><th>0.5 0.7</th><th>Design</th><th>Checked</th><th>d Approved</th><th></th><th>TT57-01-105</th><th>5</th></l≤></l≤>	0.07 0.4	0.2 0.3	0.5 0.7	Design	Checked	d Approved		TT57-01-105	5
			36 <l<u>< 250</l<u>	0.2	0.5 0.8	1.2	D.Nakarin			Drawing Number	TT57-01-105	Rev.00
Mark	Date	Revision Detail	250 < L≤ 1000 / 0.3 0.8 / 2.0 Angle Allowance Difference ±					Date Design	17-NOV-2023	1 1		



Material	SUS440C
Treatment	
Hardness	-
Q'tv	1 Pcs.





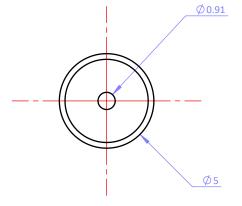


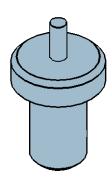
Remark: If not specified, all edge Chamfer to about C 0.5 mm.

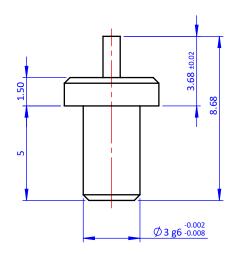
				Usual Size Allowance Difference (mm.)			Surface 7	Гуре	Drawing Ratio	Model	BO-36	Size A4
			Size Division 1 < L≤ 4	Precise 0.05 /	Middle 0.1	Rough 0.3	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	(12.5) -	5:1		TT57 FILM GUIDE FRAME machine.	bonding
			4 <l≤ 16<br="">16 <l≤ 36<="" th=""><th>0.07 0.4</th><th>0.2 0.3</th><th>0.5 0.7</th><th>Design</th><th>Checked</th><th>d Approved</th><th></th><th>TT57-01-106</th><th>(6)</th></l≤></l≤>	0.07 0.4	0.2 0.3	0.5 0.7	Design	Checked	d Approved		TT57-01-106	(6)
			36 <l<u>< 250</l<u>	0.2	0.5	1.2	D.Nakarin			Drawing Number	TT57-01-106	Rev.00
Mark	Date	Revision Detail	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$					Date Design	17-NOV-2023	1 1		



Material	SUS440C
Treatment	
Hardness	-
Q'ty	1 Pcs.





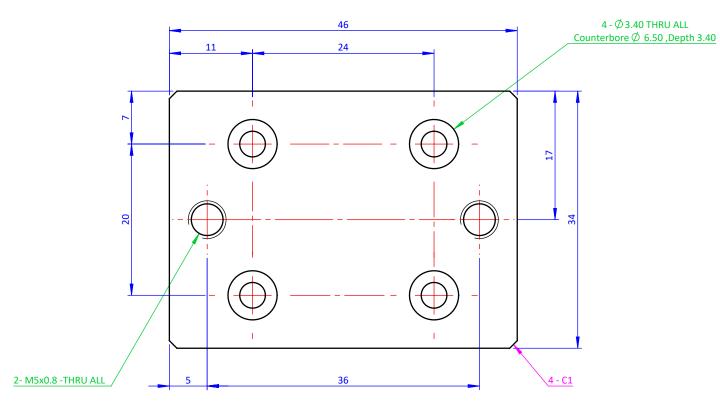


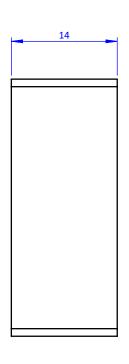
Remark: If not specified, all edge Chamfer to about C 0.5 mm.

				Usual Size Allowance Difference (mm.)			Surface 7	Гуре	Drawing Ratio	Model	BO-36	Size A4
			Size Division 1 < L < 4	Precise 0.05 /	Middle 0.1	Rough 0.3	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	(12.5) -	5:1		TT57 FILM GUIDE FRAME machine.	_
			- 4 <l<u>< 16 16 <l<u>< 36</l<u></l<u>	0.07 0.4	0.2 0.3	0.5 0.7	Design	Checked	d Approved		TT57-01-107	7
			36 <l<u>< 250</l<u>	0.2	0.5	1.2	D.Nakarin			Drawing Number	TT57-01-107	Rev.00
Mark	Date	Revision Detail	250 <l≤ 0.3="" 0.8="" 1000="" 2.0="" allowance="" angle="" differance="" td="" ="" ±<=""><td></td><td></td><td></td><td>Date Design</td><td>17-NOV-2023</td><td>1 1</td></l≤>						Date Design	17-NOV-2023	1 1	



Material	A5052
Treatment	AW1-3
Hardness	-
Q'ty	1 Pcs.





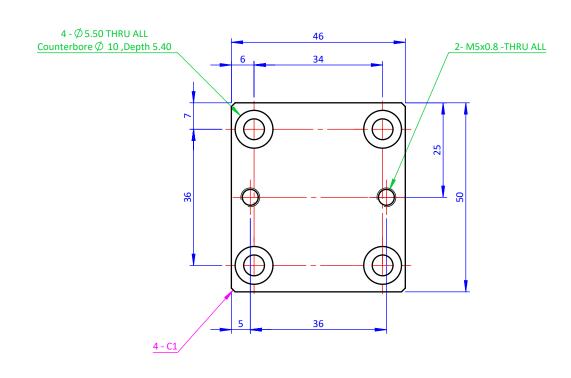
Remark: If not specified, all edge Chamfer to about C 0.5 mm.

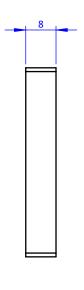
			Usual Size Allowance Difference (mm.)			Surface 1	Гуре	Drawing Ratio	Model	BO-36	Size A4	
			Size Division	Precise	Middle	Rough	\bigvee	(12.5)	2.1	News	TT57 FILM GUIDE FRAME	
			1 <l<u>< 4</l<u>	0.05 /	0.1	0.3 /	●€	}	2:1	Name	machine.	
			4 <l≤ 16<="" td=""><td>0.07</td><td>0.2</td><td>0.5</td><td>Design</td><td>Checked</td><td>l Approved</td><td>Part Name</td><td>TT57-01-108</td><td> (8) </td></l≤>	0.07	0.2	0.5	Design	Checked	l Approved	Part Name	TT57-01-108	(8)
\vdash			16 <l≤ 36<="" td=""><td>0,1</td><td>0.3</td><td>0⁄.7</td><td>5</td><td></td><td></td><td></td><td></td><td></td></l≤>	0,1	0.3	0⁄.7	5					
			36 <l<u>< 250</l<u>	0.2	0.5	1.2	D.Nakarin			Drawing Number	TT57-01-108	Rev.00
			250 <l< 1000<="" td=""><td>/ 0.3</td><td>0.8</td><td>/ 2.0</td><td></td><td></td><td></td><td></td><td></td><td></td></l<>	/ 0.3	0.8	/ 2.0						
Mark	Date	Revision Detail		wance Diffe		/				Date Design	17-NOV-2023	1 1

FM-12-008 Rev.01



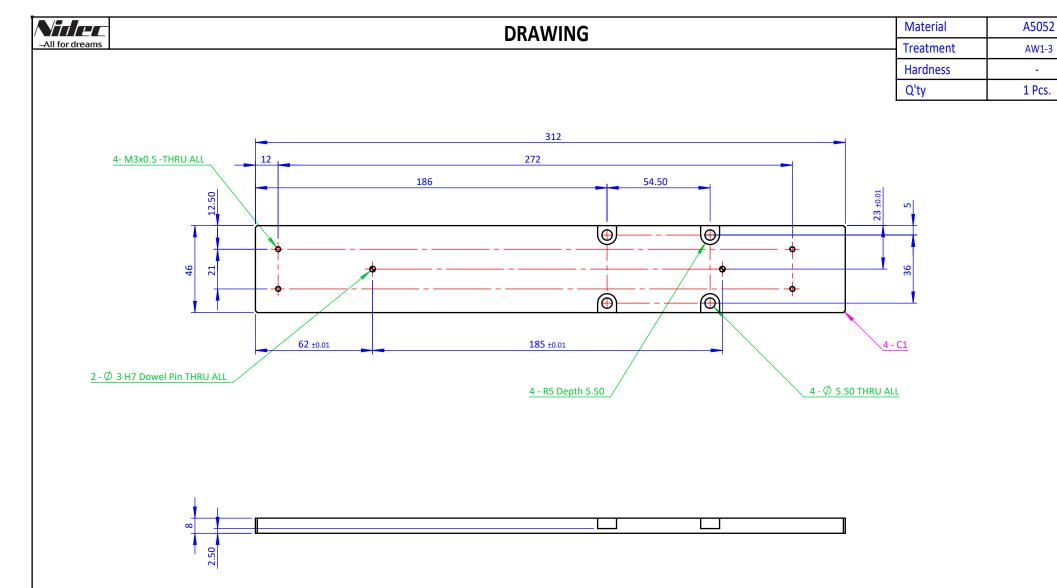
Material	A5052
Treatment	AW1-3
Hardness	-
Q'ty	1 Pcs.





Remark: If not specified, all edge Chamfer to about C 0.5 mm.

										. ,		
			Usual Size A			` 	Surface T		Drawing Ratio	Model	BO-36	Size A4
			Size Division	Precise	Middle	Rough	\bigvee	(12.5)	1.1	Maria	TT57 FILM GUIDE FRAME I	
			1 <l<u>< 4</l<u>	0.05 /	0.1	0.3 /		_	1:1	Name	machine.	
			4 <l≤ 16<="" td=""><td>0.07</td><td>0.2</td><td>0.5</td><td>Design</td><td>Checke</td><td>d Approved</td><td>Part Name</td><td>TT57-01-109</td><td>(9)</td></l≤>	0.07	0.2	0.5	Design	Checke	d Approved	Part Name	TT57-01-109	(9)
			16 <l≤ 36<="" th=""><th>0,1</th><th>0.3</th><th>9⁄.7</th><th>D.Nakarin</th><th></th><th></th><th></th><th></th><th>+ -</th></l≤>	0,1	0.3	9⁄.7	D.Nakarin					+ -
			36 <l<u>< 250</l<u>	0.2	0.5	/1.2	D.I.Valkariii			Drawing Number	TT57-01-109	Rev.00
			250 <l<u>< 1000</l<u>	/ 0.3	0.8	/ 2.0					47.1101/.0000	1_
Mark	Date	Revision Detail	Angle Allo	wance Diffe	erance ±					Date Design	17-NOV-2023	1
EN 4 4 2 . 0.07	0 D 04			I							ECC 11 1 1	<u> </u>

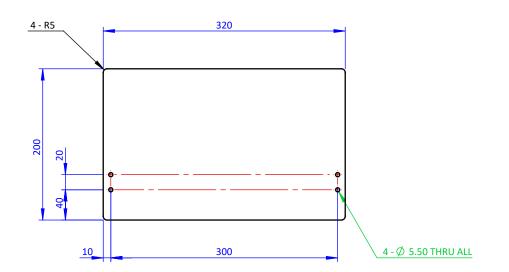


Remark: If not specified, all edge Chamfer to about C 0.5 mm.

				Usual Size Allowance Difference (mm.)			Surface 7	Гуре	Drawing Ratio	Model	BO-36	Size A4
			Size Division 1 < L < 4	Precise 0.05 /	Middle 0.1	Rough 0.3	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	(12.5) -	1:2	Mame	TT57 FILM GUIDE FRAME machine.	bonding
			- 4 <l<u>≤ 16 16 <l<u>≤ 36</l<u></l<u>	0.07 0.1	0.2 0.3	0.5 0.7	Design	Checked	d Approved		TT57-01-110	(10)
			36 <l<u>< 250</l<u>	0.2	0.5	1.2	D.Nakarin			Drawing Number	TT57-01-110	Rev.00
Mark	Date	Revision Detail	250 <l<u>< 1000 Angle Allo</l<u>	/ 0.3 wance Diffe	0.8 erance ±	/ 2.0				Date Design	17-NOV-2023	1 1



Material	SUS304
Treatment	
Hardness	-
Q'ty	1 Pcs.

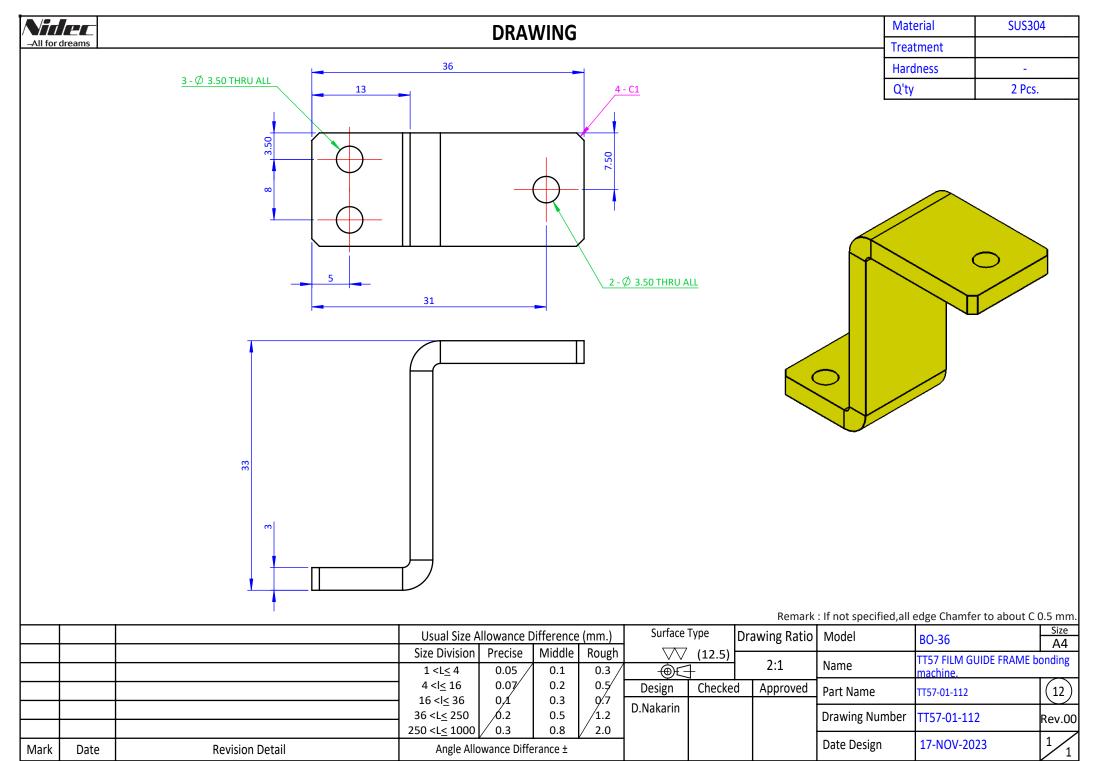


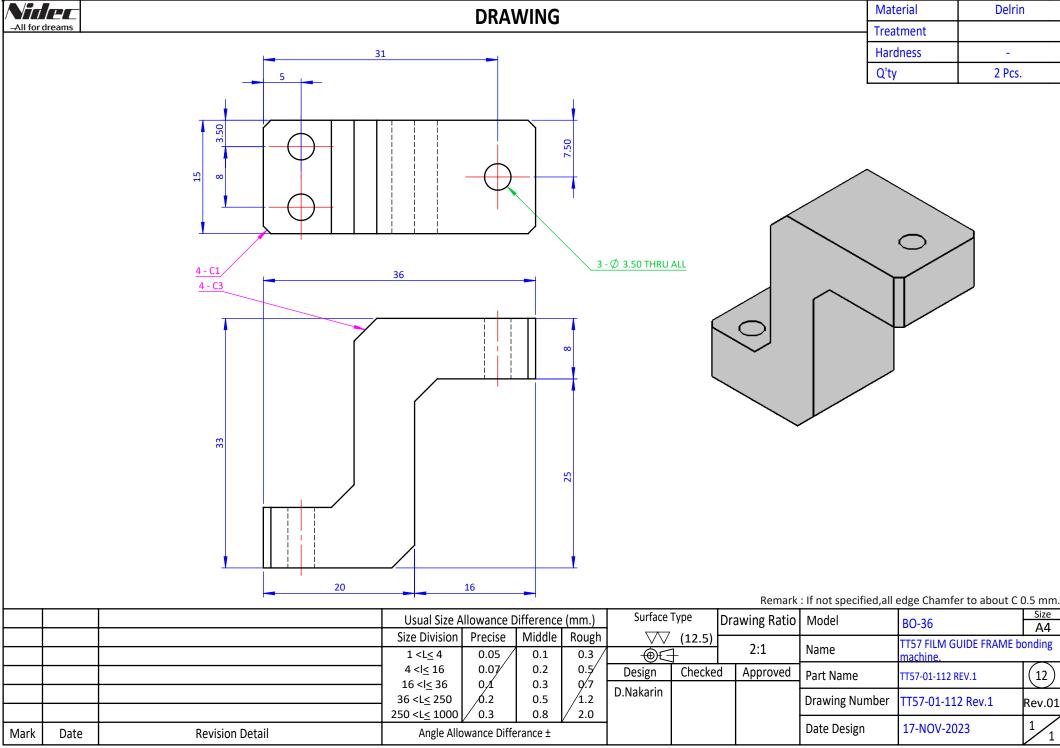


Remark: If not specified, all edge Chamfer to about C 0.5 mm.

									Remark	· ii iiot specificajaii	euge Chaimer to about C	
			Usual Size Allowance Difference (mm.)				Surface 1	Гуре	Drawing Ratio	Model	BO-36	Size A4
			Size Division	Precise	Middle	Rough	\bigvee	(12.5)	1.5	NI	TT57 FILM GUIDE FRAME I	
			1 <l<u>< 4</l<u>	0.05 /	0.1	0.3 /	\[\]	_	1:5	Name	machine.	
			4 <l<u>< 16</l<u>	0.07	0.2	0.5⁄	Design	Checke	d Approved	Part Name	TT57-01-111	(11)
H			16 <l≤ 36<="" td=""><td>0,1</td><td>0.3</td><td>9⁄.7</td><td>D. Nadanda</td><td></td><td></td><td></td><td></td><td>\perp</td></l≤>	0,1	0.3	9⁄.7	D. Nadanda					\perp
			36 <l<u>< 250</l<u>	0.2	0.5	/1.2	D.Nakarin			Drawing Number	TT57-01-111	Rev.00
			250 <l< 1000<="" td=""><td>/ 0.3</td><td>0.8</td><td>/ 2.0</td><td></td><td></td><td></td><td></td><td></td><td>+</td></l<>	/ 0.3	0.8	/ 2.0						+
Mark	Date	Revision Detail	Angle Allowance Differance ±							Date Design	17-NOV-2023	1 1

FM-12-008 Rev.01

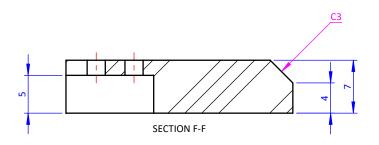


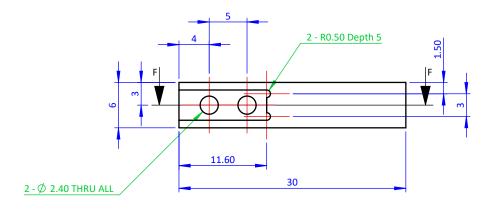


FM-12-008 Rev.01

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-All for dreams

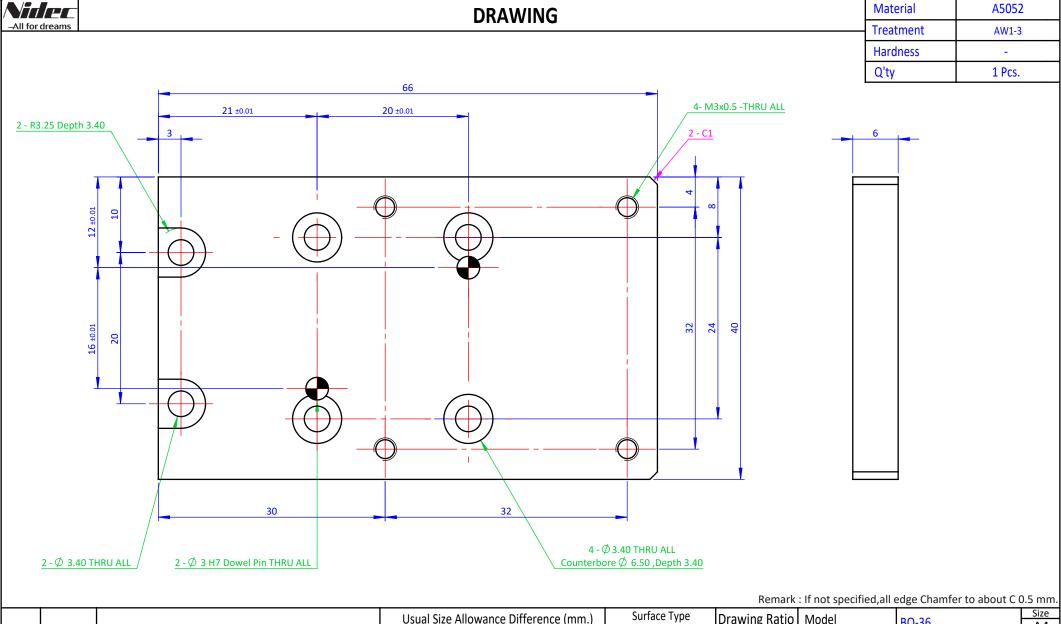
Material	A5052
Treatment	AW1-3
Hardness	-
Q'ty	2 Pcs.



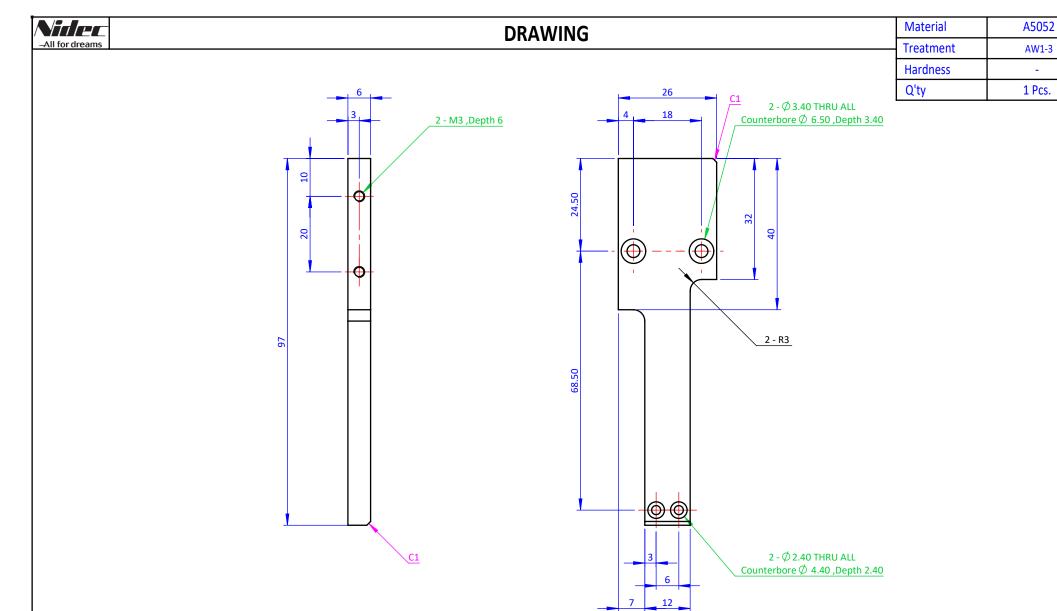


Remark: If not specified, all edge Chamfer to about C 0.5 mm.

											eage chairner to about e	
			Usual Size Allowance Difference (mm.)			Surface 1	Гуре	Drawing Ratio	Model	BO-36	Size A4	
			Size Division	Precise	Middle	Rough	\bigvee	(12.5)	2.1	Mana	TT57 FILM GUIDE FRAME I	
			1 <l<u>< 4</l<u>	0.05 /	0.1	0.3 /	\[\]		2:1	Name	machine.	
			4 <l<u>< 16</l<u>	0.07	0.2	0.5⁄	Design	Checked	d Approved	Part Name	TT57-01-113	(13)
			16 <l≤ 36<="" td=""><td>0,1</td><td>0.3</td><td>0⁄.7</td><td>D. Niel e. de</td><td></td><td></td><td></td><td></td><td></td></l≤>	0,1	0.3	0⁄.7	D. Niel e. de					
			36 <l<u>< 250</l<u>	0.2	0.5	1.2	D.Nakarin			Drawing Number	TT57-01-113	Rev.00
		1	250 <l< 1000<="" td=""><td>/ 0.3</td><td>0.8</td><td>/ 2.0</td><td></td><td></td><td></td><td></td><td></td><td>+</td></l<>	/ 0.3	0.8	/ 2.0						+
Mark	Date	Revision Detail	Angle Allowance Differance ±							Date Design	17-NOV-2023	$\begin{vmatrix} 1 \\ 1 \end{vmatrix}$



Usual Size Allowance Difference (mm.) Drawing Ratio | Model BO-36 Α4 Size Division Precise Middle Rough **▽** (12.5) TT57 FILM GUIDE FRAME bonding 2:1 Name 1 < L < 4 0.05 0.3 **®**£1 machine. 0.1 4 <l≤ 16 0.07/ 0.5/ 0.2 Design Checked Approved (14 Part Name TT57-01-114 16 <l≤ 36 9.7 0.1 0.3 D.Nakarin 0.2 /1.2 36 <L< 250 0.5 **Drawing Number** TT57-01-114 Rev.00 250 <L≤ 1000 0.3 8.0 2.0 Date Design 17-NOV-2023 Mark Angle Allowance Differance ± Date **Revision Detail**



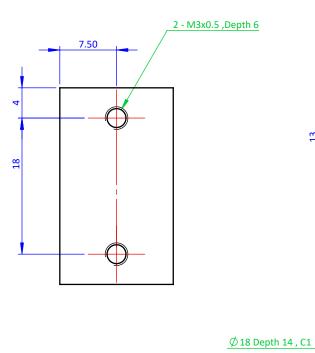
Remark: If not specified, all edge Chamfer to about C 0.5 mm.

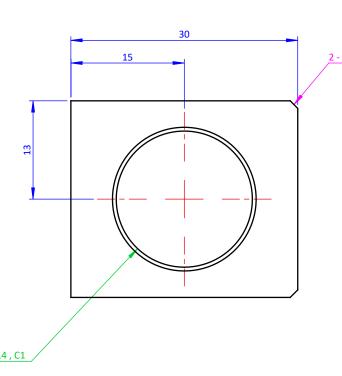
			Usual Size Allowance Difference (mm.)			Surface 7	Гуре	Drawing Ratio	Model	BO-36	Size A4	
			Size Division		Middle		\bigvee	(12.5)	1.1	Name	TT57 FILM GUIDE FRAME b	
			1 <l<u>< 4</l<u>	0.05 /	0.1	0.3 /	(_	1.1	IVAIIIC	machine.	
			4 <l≤ 16<="" td=""><td>0.07</td><td>0.2</td><td>0.5</td><td>Design</td><td>Checked</td><td>d Approved</td><td>Part Name</td><td>TT57-01-115</td><td>(15)</td></l≤>	0.07	0.2	0.5	Design	Checked	d Approved	Part Name	TT57-01-115	(15)
			16 <l≤ 36<="" td=""><td>0,1</td><td>0.3</td><td>9⁄.7</td><td>D.Nakarin</td><td></td><td></td><td></td><td></td><td>+</td></l≤>	0,1	0.3	9⁄.7	D.Nakarin					+
			36 <l≤ 250<="" td=""><td>0.2</td><td>0.5</td><td>1.2</td><td>2a.a.</td><td></td><td></td><td>Drawing Number</td><td>TT57-01-115</td><td>Rev.00</td></l≤>	0.2	0.5	1.2	2a.a.			Drawing Number	TT57-01-115	Rev.00
			250 <l<u>< 1000</l<u>	/ 0.3	0.8	2.0						1 /
Mark	Date	Revision Detail	Angle Allowance Differance ±							Date Design	17-NOV-2023	1

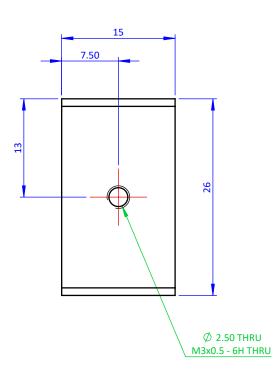
FM-12-008 Rev.01



	Material	A5052
_	Treatment	AW1-3
	Hardness	-
	Q'ty	2 Pcs.







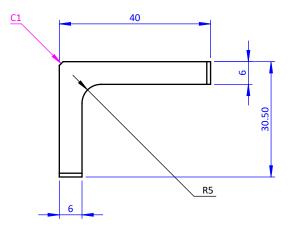
Remark: If not specified, all edge Chamfer to about C 0.5 mm.

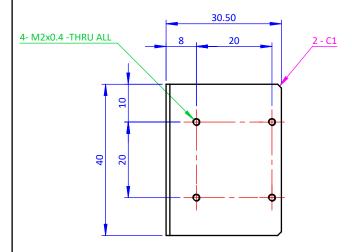
			Usual Size Allowance Difference (mm.)			Surface 1	Туре	Drawing Ratio	Model	BO-36	Size A4	
			Size Division	Precise	Middle	Rough	∇	(12.5)	2.1		TT57 FILM GUIDE FRAME b	
			1 <l<u>< 4</l<u>	0.05 /	0.1	0.3 /	●€	-	2:1		machine.	
			4 <l<u>≤ 16</l<u>	0.07	0.2	0.5	Design	Checked	d Approved	Part Name	TT57-01-116	(16)
			16 <l≤ 36<="" td=""><td>0,1</td><td>0.3</td><td>9⁄.7</td><td>D. Makarin</td><td></td><td></td><td></td><td></td><td></td></l≤>	0,1	0.3	9⁄.7	D. Makarin					
			36 <l<u>< 250</l<u>	0.2	0.5	/1.2	D.Nakarin			Drawing Number	TT57-01-116	Rev.00
			250 <l<u>< 1000</l<u>	/ 0.3	0.8	/ 2.0						+
Mark	Date	Revision Detail	Angle Allowance Differance ±							Date Design	17-NOV-2023	$\left \frac{1}{1} \right $

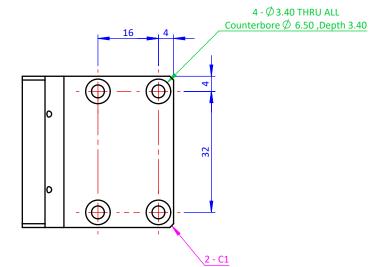
FM-12-008 Rev.01

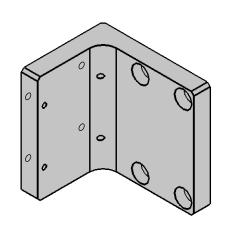


Material	A5052
Treatment	AW1-3
Hardness	-
Q'ty	1 Pcs.



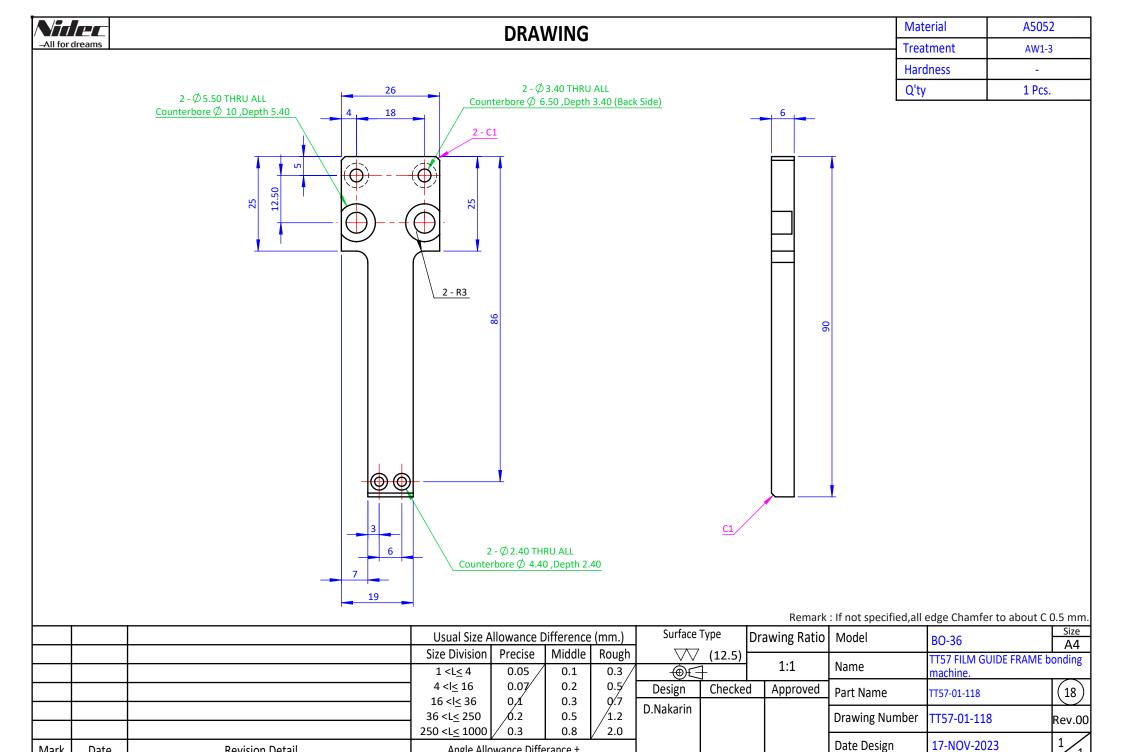






Remark: If not specified, all edge Chamfer to about C 0.5 mm.

			Usual Size Allowance Difference (mm.)			Surface 7	··	Drawing Ratio	Model	BO-36	Size A4	
			Size Division 1 < L < 4	Precise 0.05 /	Middle 0.1	Rough 0.3		(12.5)	1:1	Mama	TT57 FILM GUIDE FRAME b	_
			4 <l≤ 16<="" td=""><td>0.03</td><td>0.1</td><td>0.5</td><td></td><td>Checked</td><td>d Approved</td><td></td><td>machine. TT57-01-117</td><td>(17)</td></l≤>	0.03	0.1	0.5		Checked	d Approved		machine. TT57-01-117	(17)
			16 <l≤ 36<br="">36 <l≤ 250<="" td=""><td>0,1 ,0.2</td><td>0.3 0.5</td><td>0/.7 /1.2</td><td>D.Nakarin</td><td></td><td></td><td>Drawing Number</td><td></td><td>+</td></l≤></l≤>	0,1 ,0.2	0.3 0.5	0/.7 /1.2	D.Nakarin			Drawing Number		+
			250 <l<u>< 1000</l<u>	/	0.8	2.0						Rev.00
Mark	Date	Revision Detail	Angle Allowance Differance ±						Date Design	17-NOV-2023	1 1	



FM-12-008 Rev.01 Effective date: 8-Nov-23

Angle Allowance Differance ±

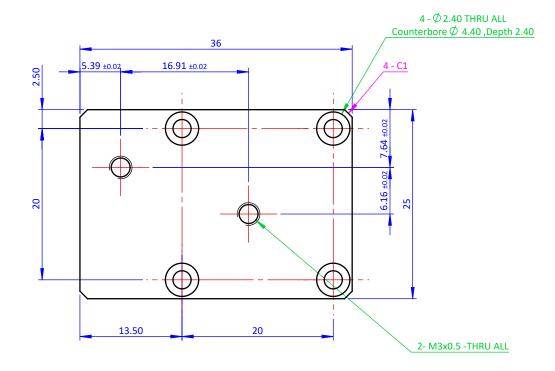
Mark

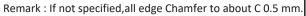
Date

Revision Detail



	Material	A5052
_	Treatment	AW1-3
	Hardness	-
	Q'ty	1 Pcs.

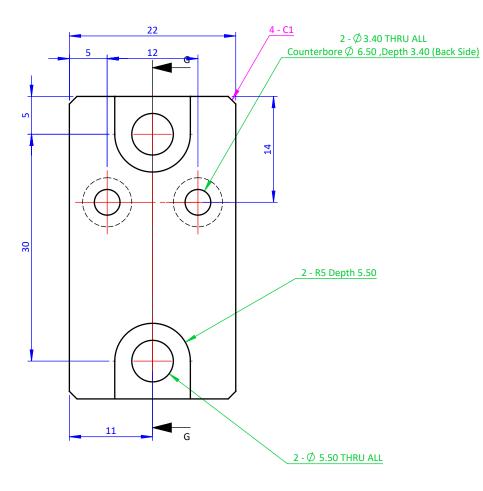


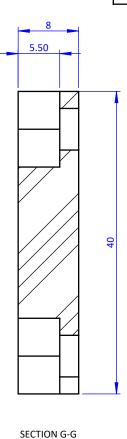


			Usual Size Allowance Difference (mm.)			Surface T		Drawing Ratio	Model	BO-36	Size A4	
			Size Division	Precise	Middle	Rough		(12.5)	2.1	Maria	TT57 FILM GUIDE FRAME I	
			1 <l<u>< 4</l<u>	0.05 /	0.1	0.3 /	⊕€	_	2:1	Mame	machine.	
			4 <l≤ 16<="" td=""><td>0.07</td><td>0.2</td><td>0.5</td><td>Design</td><td>Checke</td><td>d Approved</td><td>Part Name</td><td>TT57-01-119</td><td>(19)</td></l≤>	0.07	0.2	0.5	Design	Checke	d Approved	Part Name	TT57-01-119	(19)
			16 <l≤ 36<="" td=""><td>0,1</td><td>0.3</td><td>9⁄.7</td><td>D.Nakarin</td><td></td><td></td><td></td><td></td><td>+</td></l≤>	0,1	0.3	9⁄.7	D.Nakarin					+
			36 <l<u>< 250</l<u>	0.2	0.5	/1.2	D.Nakariii			Drawing Number	TT57-01-119	Rev.00
			250 <l<u>< 1000</l<u>	/ 0.3	0.8	/ 2.0						1 7
Mark	Date	Revision Detail	Angle Allowance Differance ±						Date Design	17-NOV-2023	1	
FN 4 4 2 . 0.00	0 D 04										ECC 11 1 1	0 NJ 00



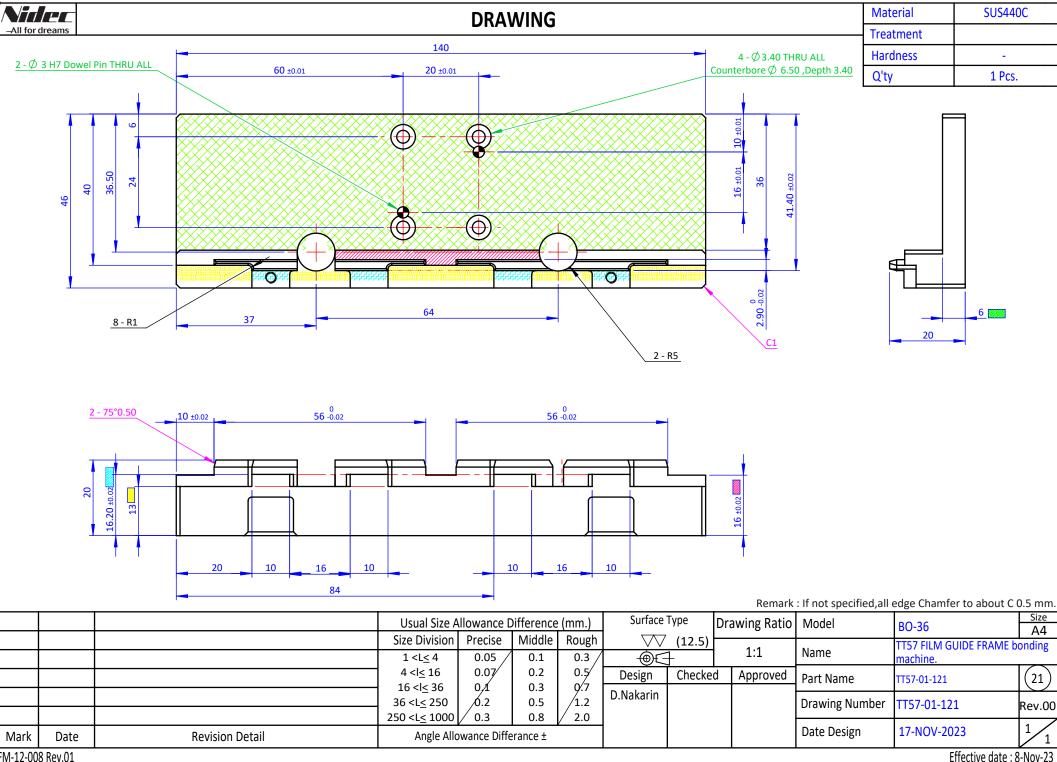
_		
	Material	A5052
	Treatment	AW1-3
	Hardness	-
	Q'ty	1 Pcs.





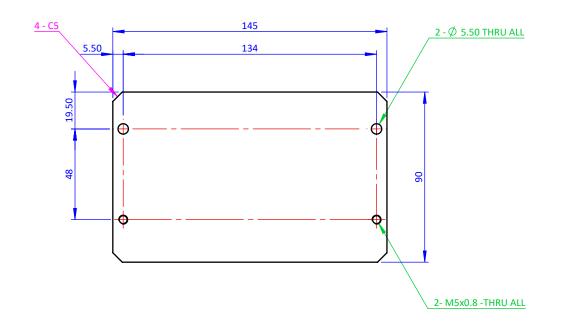
Remark: If not specified, all edge Chamfer to about C 0.5 mm.

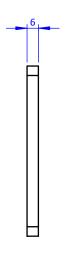
			Usual Size A			` '	Surface T	уре	Drawing Ratio	Model	BO-36	Size A4
			Size Division 1 < L < 4	Precise 0.05 /	Middle 0.1	Rough 0.3		(12.5)	2:1	Mame	TT57 FILM GUIDE FRAME I	bonding
			4 <l≤ 16<="" td=""><td>0.07</td><td>0.2</td><td>0.5</td><td>Design</td><td>Checked</td><td>d Approved</td><td></td><td>TT57-01-120</td><td>(20)</td></l≤>	0.07	0.2	0.5	Design	Checked	d Approved		TT57-01-120	(20)
			16 <l≤ 36<br="">36 <l≤ 250<="" td=""><td>0,1 ,0.2</td><td>0.3 0.5</td><td>0⁄.7 /1.2</td><td>D.Nakarin</td><td></td><td></td><td>Drawing Number</td><td></td><td>Rev.00</td></l≤></l≤>	0,1 ,0.2	0.3 0.5	0⁄.7 /1.2	D.Nakarin			Drawing Number		Rev.00
				0.3	0.8	2.0						1
Mark	Date	Revision Detail	Angle Allowance Differance ±						Date Design	17-NOV-2023	1	





Material	A5052
Treatment	AW1-3
Hardness	-
Q'ty	1 Pcs.



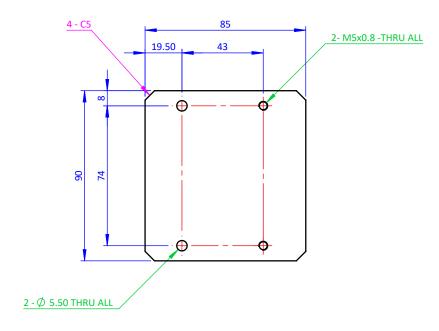


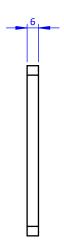
Remark: If not specified, all edge Chamfer to about C 0.5 mm.

										eage charmer to about e		
			Usual Size Allowance Difference (mm.)			Surface 1	Гуре	Drawing Ratio	Model	BO-36	Size A4	
			Size Division	Precise	Middle	Rough	\bigvee	(12.5)	1.2	Maria	TT57 FILM GUIDE FRAME I	
			1 <l<u>< 4</l<u>	0.05 /	0.1	0.3 /	\[\]		1:2		machine.	
			4 <l<u>< 16</l<u>	0.07	0.2	0.5⁄	Design	Checked	d Approved	Part Name	TT57-01-122	(22)
			16 <l≤ 36<="" td=""><td>0,1</td><td>0.3</td><td>0⁄.7</td><td>D. Niel e. de</td><td></td><td></td><td></td><td></td><td>\perp</td></l≤>	0,1	0.3	0⁄.7	D. Niel e. de					\perp
			36 <l<u>< 250</l<u>	0.2	0.5	1.2	D.Nakarin			Drawing Number	TT57-01-122	Rev.00
			250 <l< 1000<="" td=""><td>/ 0.3</td><td>0.8</td><td>/ 2.0</td><td></td><td></td><td></td><td></td><td></td><td>+</td></l<>	/ 0.3	0.8	/ 2.0						+
Mark	Date	Revision Detail	Angle Allowance Differance ±						Date Design	17-NOV-2023	1 1	



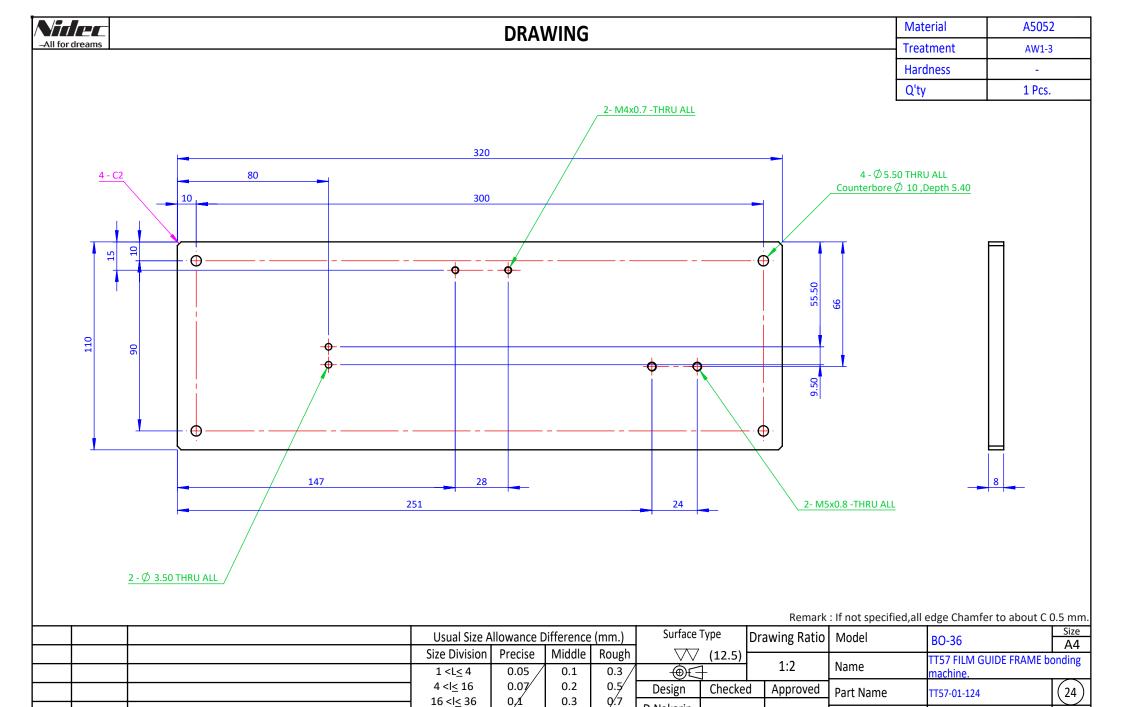
Material	A5052
Treatment	AW1-3
Hardness	-
Q'ty	1 Pcs.





Remark: If not specified, all edge Chamfer to about C 0.5 mm.

								Remark	. Il liot specifica, all	euge Chailler to about C		
			Usual Size Allowance Difference (mm.)			Surface T	Гуре	Drawing Ratio	Model	BO-36	Size A4	
			Size Division	Precise	Middle	Rough	\bigvee	(12.5)	1.2	NI	TT57 FILM GUIDE FRAME I	_
			1 <l<u>< 4</l<u>	0.05 /	0.1	0.3	\ <u>\</u>	L	1:2	Mame	machine.	
			4 <l≤ 16<="" td=""><td>0.07</td><td>0.2</td><td>0.5</td><td>Design</td><td>Checke</td><td>d Approved</td><td>Part Name</td><td>TT57-01-123</td><td>(23)</td></l≤>	0.07	0.2	0.5	Design	Checke	d Approved	Part Name	TT57-01-123	(23)
 			16 <l≤ 36<="" td=""><td>0,1</td><td>0.3</td><td>9⁄.7</td><td>D. Makarin</td><td></td><td></td><td></td><td></td><td>+</td></l≤>	0,1	0.3	9⁄.7	D. Makarin					+
			36 <l≤ 250<="" td=""><td>0.2</td><td>0.5</td><td>1.2</td><td>D.Nakarin</td><td></td><td></td><td>Drawing Number</td><td>TT57-01-123</td><td>Rev.00</td></l≤>	0.2	0.5	1.2	D.Nakarin			Drawing Number	TT57-01-123	Rev.00
			250 <l<u>< 1000</l<u>	/ 0.3	0.8	/ 2.0			•			+/
Mark	Date	Revision Detail	Angle Allowance Differance ±						Date Design	17-NOV-2023	1 1	



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0.5

8.0

0.2

0.3

Angle Allowance Differance ±

36 <L< 250

250 <L≤ 1000

Mark

Date

Revision Detail

D.Nakarin

Drawing Number

Date Design

TT57-01-124

17-NOV-2023

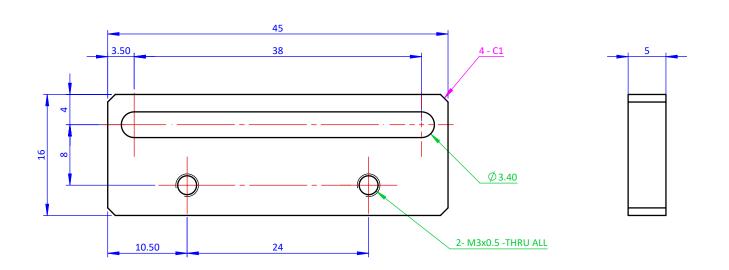
Rev.00

/1.2

2.0



Material	A5052
Treatment	AW1-3
Hardness	-
Q'ty	1 Pcs.

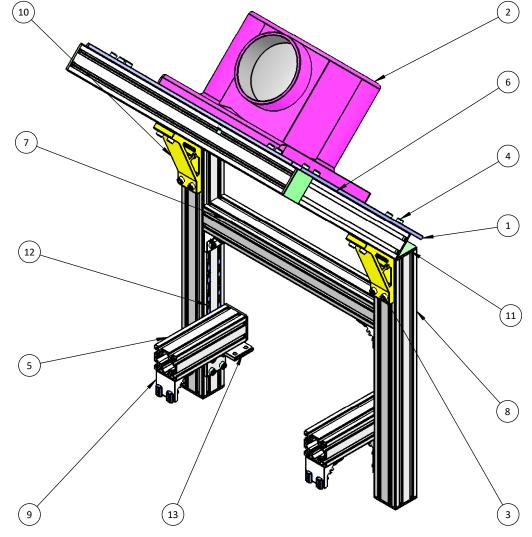


Remark: If not specified, all edge Chamfer to about C 0.5 mm.

			Usual Size Allowance Difference (mm.)			Surface Ty	уре	Drawing Ratio		BO-36	Size A4	
			Size Division Precise Middle Rough			(12.5)	2:1	Name	TT57 FILM GUIDE FRAME			
			1 < L ≤ 4 0.05 / 0.1 0.3 /		\bigoplus	F Z:1		Name	machine.			
			4 <l≤ 16<="" td=""><td>0.07</td><td>0.2</td><td>0.5</td><td>Design</td><td>Checked</td><td>d Approved</td><td>Part Name</td><td>TT57-01-125</td><td>(25)</td></l≤>	0.07	0.2	0.5	Design	Checked	d Approved	Part Name	TT57-01-125	(25)
			16 <l≤ 36<="" td=""><td>0,1</td><td>0.3</td><td>9⁄.7</td><td>D.Nakarin</td><td></td><td></td><td></td><td></td><td>+</td></l≤>	0,1	0.3	9⁄.7	D.Nakarin					+
			36 <l≤ 250<="" td=""><td>0.2</td><td>0.5</td><td>1.2</td><td>D.Nakariii</td><td></td><td></td><td>Drawing Number</td><td>TT57-01-125</td><td>Rev.00</td></l≤>	0.2	0.5	1.2	D.Nakariii			Drawing Number	TT57-01-125	Rev.00
			250 <l<u>< 1000</l<u>	/ 0.3	0.8	/ 2.0						1
Mark	Date	Revision Detail	Angle Allowance Differance ±						Date Design	17-NOV-2023	1	



Material
Treatment
Hardness Q'ty 1 Pcs.



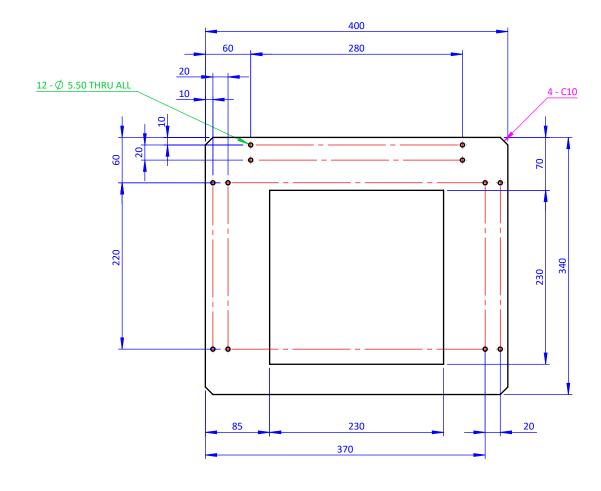
ITEM NO.	PART NUMBER	DESCRIPTION	Unit	QTY.
1	TT57-02-201	Fans Base Plate	Part Making	1
2	Lucky Misu LM 15A	Exhaust fans	Lucky Misu	1
3	SCB5-15	Socket Head Cap Screws	Misumi	8
4	SCB5-10	Socket Head Cap Screws	Misumi	45
5	HFS5-4040-130-LTP	Aluminum Frame	Misumi	2
6	HFS5-4040-260.0-LTP	Aluminum Frame	Misumi	2
7	HFS5-4040-320-LTP	Aluminum Frame	Misumi	1
8	HFS5-4040-400-LTP	Aluminum Frame	Misumi	3
9	HBLTD5	Bracket Aluminum	Misumi	5
10	HBL135TD5	Bracket Aluminum	Misumi	2
11	HFC5-4040-B	Frame End Caps	Misumi	10
12	SHNTU5-5	Nuts for Aluminum Frames	Misumi	52
13	HBLTDW5	Bracket Aluminum	Misumi	2

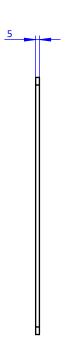
			Usual Size Allowance Difference (mm.)			Surface 7	Гуре	Drawing Ratio	Model	BO-36	Size A4	
			Size Division	Precise	Middle	Rough	\bigvee	(12.5)	1.10	NI	TT57 FILM GUIDE FRAME b	
			1 < L≤ 4	0.05 /	0.1	0.3 /	⊕€	_	1:10	Name	machine.	
			4 <l≤ 16<="" td=""><td>0.07</td><td>0.2</td><td>0.5</td><td>Design</td><td>Checked</td><td>d Approved</td><td>Part Name</td><td>TT57-02-200</td><td>(02)</td></l≤>	0.07	0.2	0.5	Design	Checked	d Approved	Part Name	TT57-02-200	(02)
			16 <l≤ 36<="" td=""><td>0,1</td><td>0.3</td><td>9⁄.7</td><td>D. Nakaria</td><td></td><td></td><td></td><td></td><td></td></l≤>	0,1	0.3	9⁄.7	D. Nakaria					
			36 <l<u>< 250</l<u>	0.2	0.5	/1.2	D.Nakarin			Drawing Number	TT57-02-200	Rev.00
			250 <l≤ 1000<="" td=""><td>0.3</td><td>0.8</td><td>/ 2.0</td><td></td><td></td><td></td><td></td><td></td><td></td></l≤>	0.3	0.8	/ 2.0						
Mark	Date	Revision Detail	Angle Allowance Differance ±						Date Design	17-NOV-2023	$\begin{vmatrix} 1 \\ 1 \end{vmatrix}$	

FM-12-008 Rev.01



Material	Acrylic Clear
Treatment	
Hardness	-
Q'tv	1 Pcs.



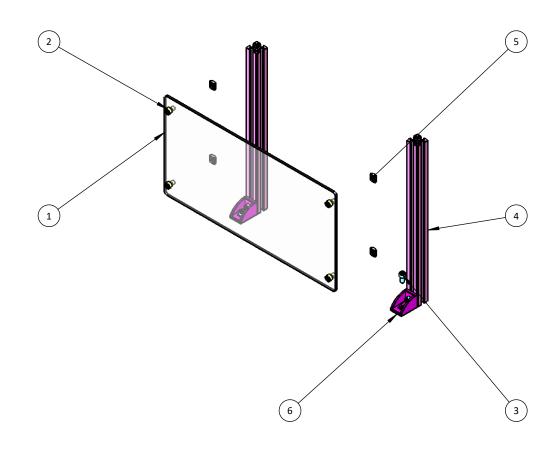




			Usual Size Allowance Difference (mm.)			Surface T	Туре	Drawing Ratio	Model	BO-36	Size A4	
			Size Division	Precise	Middle		\bigvee	(12.5)	1:5	Name	TT57 FILM GUIDE FRAME b	
			1 <l<u>< 4</l<u>	0.05 /	0.1	0.3 /	⊕€	-	1.5	Ivallie	machine.	
			4 <l≤ 16<="" td=""><td>0.07</td><td>0.2</td><td>0.5</td><td>Design</td><td>Checke</td><td>d Approved</td><td>Part Name</td><td>TT57-02-201</td><td>$\left \begin{array}{c} 1 \end{array} \right$</td></l≤>	0.07	0.2	0.5	Design	Checke	d Approved	Part Name	TT57-02-201	$\left \begin{array}{c} 1 \end{array} \right $
			16 <l≤ 36<="" td=""><td>0,1</td><td>0.3</td><td>9⁄.7</td><td>D.Nakarin</td><td></td><td></td><td></td><td></td><td>+</td></l≤>	0,1	0.3	9⁄.7	D.Nakarin					+
			36 <l≤ 250<="" td=""><td>0.2</td><td>0.5</td><td>/1.2</td><td>D.Nakaiiii</td><td></td><td></td><td>Drawing Number</td><td>TT57-02-201</td><td>Rev.00</td></l≤>	0.2	0.5	/1.2	D.Nakaiiii			Drawing Number	TT57-02-201	Rev.00
			250 <l<u>< 1000</l<u>	/ 0.3	0.8	/ 2.0]					1 7
Mark	Date	Revision Detail	Angle Allo	wance Diffe	erance ±					Date Design	17-NOV-2023	1 1
FM-12-00	-12-008 Rev.01 Effective date : 8-Nov-23											



Material	·
Treatment	
Hardness	-
Q'ty	1 Pcs.

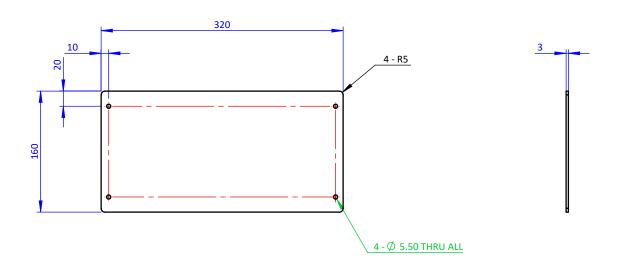


ITEM NO.	PART NUMBER	DESCRIPTION	PART TYPE	QTY.
1	TT57-03-301	Cover Plate	Part Making	1
2	SCB5-8	Socket Head Cap Screws	Misumi	4
3	SCB5-10	Socket Head Cap Screws	Misumi	4
4	NFS5-2020-260	Aluminum Frame	Misumi	2
5	HNTT5-5	Nut Aluminum	Misumi	6
6	HBLFSNF5	Bracket Aluminum	Misumi	2

			Usual Size Allowance Difference (mm.)			Surface ¹	· ·	Drawing Ratio	Model	BO-36	Size A4	
			Size Division	Precise	Middle	Rough	\bigvee	(12.5)	1.5	NI	TT57 FILM GUIDE FRAME b	
			1 <l<u>< 4</l<u>	0.05 /	0.1	0.3 /	●€	-	1:5	Name	machine.	
			4 <l<u>< 16</l<u>	0.07	0.2	0.5	Design	Checked	l Approved	Part Name	TT57-03-300	(03)
_			16 <l≤ 36<="" td=""><td>0,1</td><td>0.3</td><td>9⁄.7</td><td>D. Nakaria</td><td></td><td></td><td></td><td></td><td></td></l≤>	0,1	0.3	9⁄.7	D. Nakaria					
			36 <l<u>< 250</l<u>	0.2	0.5	/1.2	D.Nakarin			Drawing Number	TT57-03-300	Rev.00
			250 <l<u>< 1000</l<u>	/ 0.3	0.8	/ 2.0						
Mark	Date	Revision Detail	Angle Allowance Differance ±						Date Design	17-NOV-2023	$\begin{vmatrix} 1 \\ 1 \end{vmatrix}$	

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	Material	Acrylic Clear
_	Treatment	
	Hardness	-
	Q'ty	1 Pcs.



Remark: If not specified, all edge Chamfer to about C 0.5 mm.

	Remark . If not specified, all edge challier to about C 0.5 min.											
			Usual Size Allowance Difference (mm.)			Surface 1	Гуре	Drawing Ratio	Model	BO-36	Size A4	
			Size Division	Precise	Middle	Rough	\bigvee	(12.5)	1.5	NI	TT57 FILM GUIDE FRAME I	
			1 <l<u>< 4</l<u>	0.05 /	0.1	0.3	\[\]		1:5	Mame	machine.	
			4 <l≤ 16<="" td=""><td>0.07</td><td>0.2</td><td>0.5</td><td>Design</td><td>Checke</td><td>d Approved</td><td>Part Name</td><td>TT57-03-301</td><td> (1) </td></l≤>	0.07	0.2	0.5	Design	Checke	d Approved	Part Name	TT57-03-301	(1)
			16 <l<u>< 36</l<u>	0,1	0.3	9⁄.7	D. Makarin					+
			36 <l<u>< 250</l<u>	0.2	0.5	/1.2	D.Nakarin			Drawing Number	TT57-03-301	Rev.00
			250 <l< 1000<="" td=""><td>/ 0.3</td><td>0.8</td><td>/ 2.0</td><td></td><td></td><td></td><td></td><td></td><td>+</td></l<>	/ 0.3	0.8	/ 2.0						+
Mark	Date	Revision Detail	Angle Allo	wance Diffe	erance ±	/				Date Design	17-NOV-2023	1 1

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