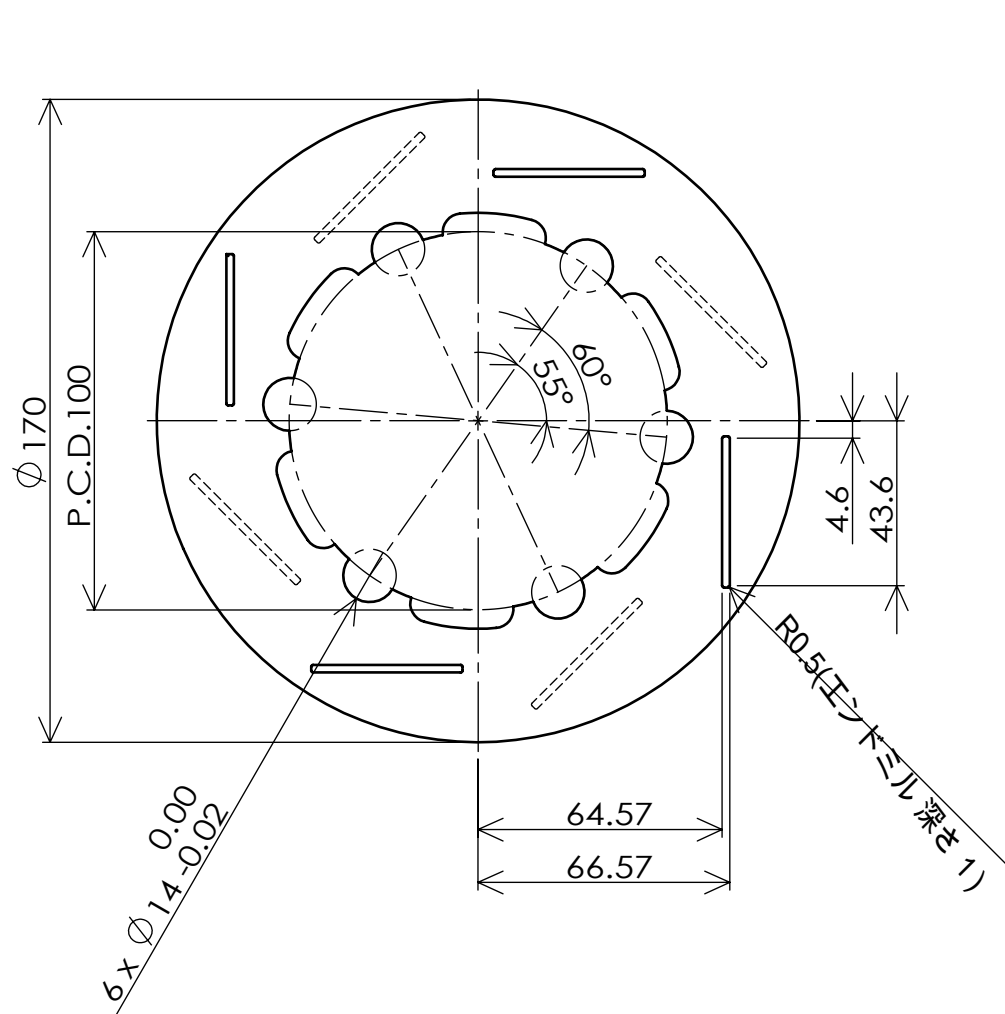
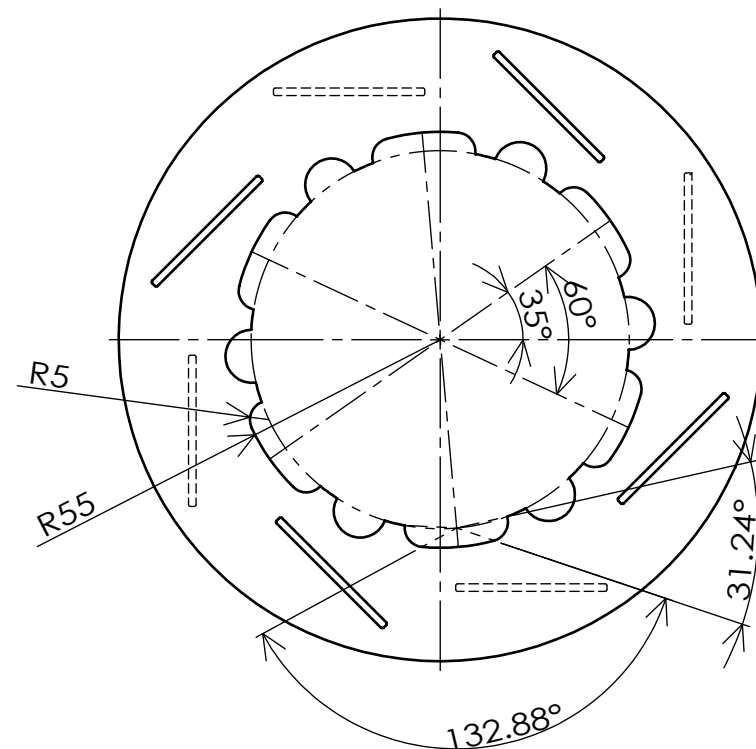


PR8でレーザーカットを用いて内側を除く
 周長：472.38mm

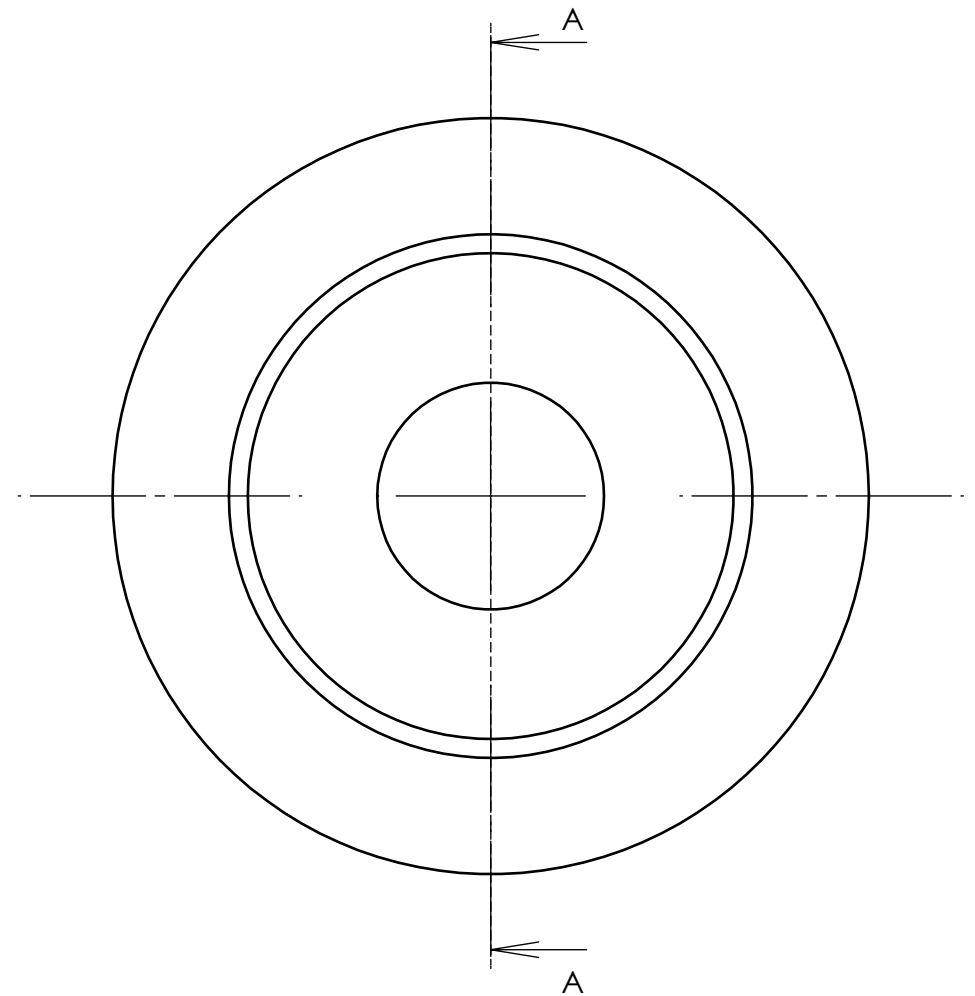
Projection : Third Angle	Car Number : 26	University : Kyoto University
Material : Iron	System : Brake System	
Scale : 1:2	Assembly : Brake Discs	
Date : 2019/01/11	Part : Front Brake Disc	
Amount : 1	ID : 10101	
Designer : 野口晴臣		



PR8でレーザーカットを用いて内側を除く
 周長：415.62mm




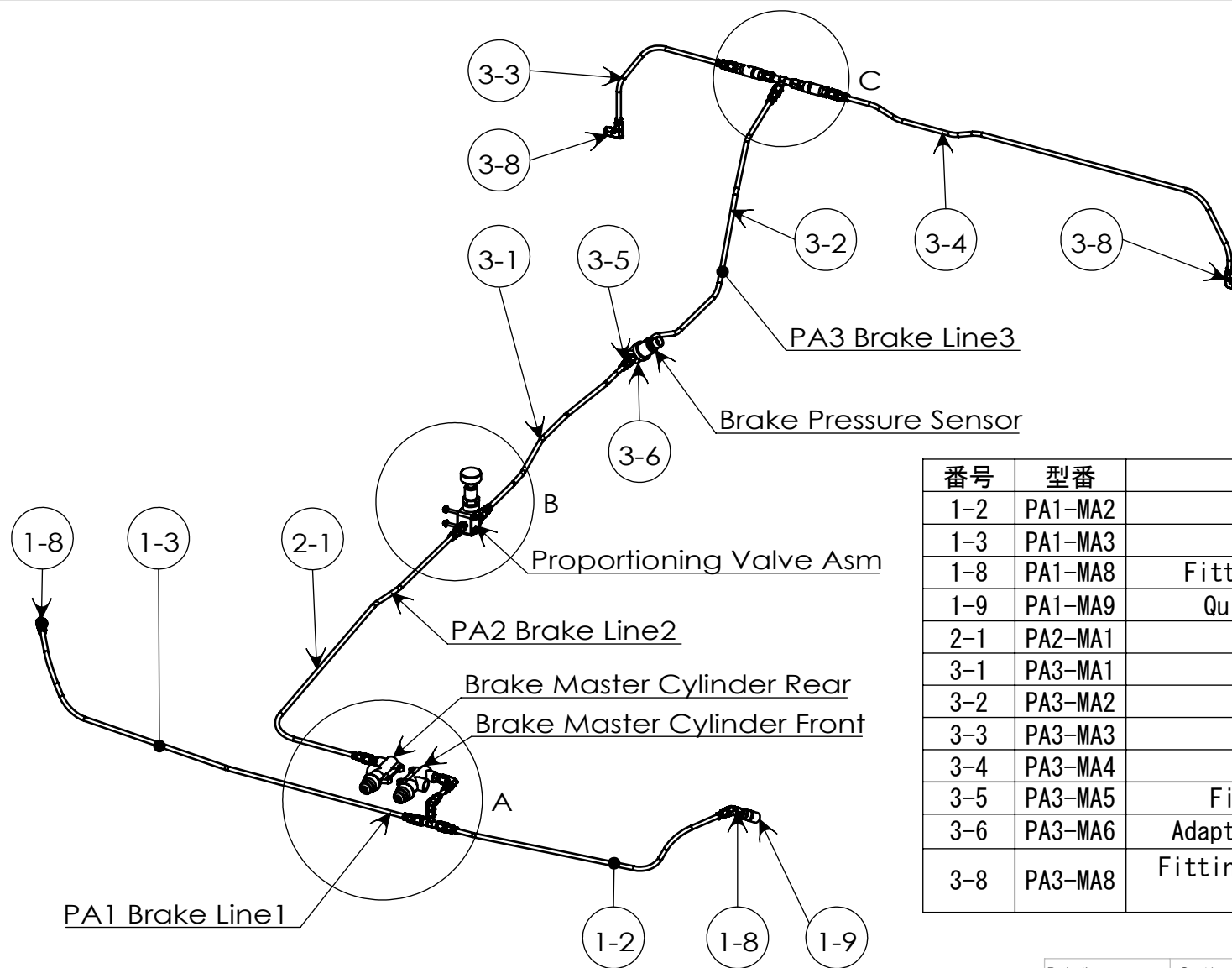
Projection :	Car Number :	University :
Third Angle	26	Kyoto University
Material :	System :	Brake System
Iron	Assembly :	Brake Discs
Scale :	Part :	Rear Brake Disc
1:2	ID :	10102
Date :		
2019/01/11		
Amount :		
1		
Designer :		
野口晴臣		



Projection : Third Angle	Car Number : 26	University : Kyoto University
Material : A7075	System : Brake System	Brake Discs
Scale : 5 : 1	Assembly :	
Date : 2019/01/11	Part : Floating Pin	10103
Amount : 10	ID :	
Designer : 野口晴臣		

University	Kyoto University
System	Brake System
Assembly	Brake Fluid
P/N Base	A1002
Suffix	AA
Details	裏付け資料

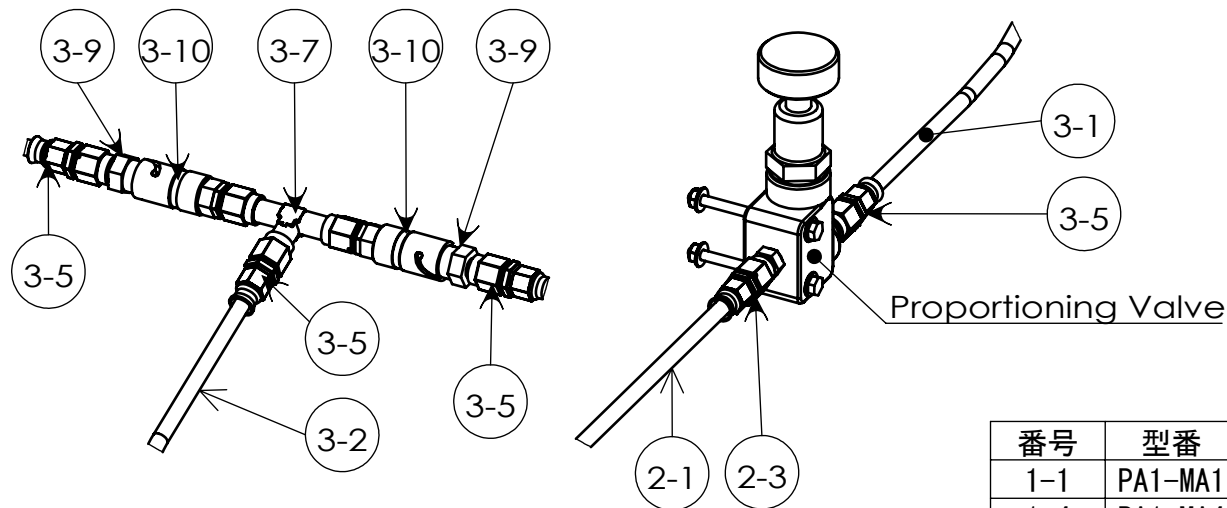
ItemOrder	Material	Use	Manufacturer	Model Number	Picture
MA1	Fluid, Oil	Brake Fluid	MOTUL	RBF600	



番号	型番	Use	個数
1-2	PA1-MA2	Brake Line Hose 1-2	1
1-3	PA1-MA3	Brake Line Hose 1-3	1
1-8	PA1-MA8	Fitting/H. P. /Elbow/45 deg. /St. /	2
1-9	PA1-MA9	Quick Connector Female Front	2
2-1	PA2-MA1	Brake Line Hose 2	1
3-1	PA3-MA1	Brake Line Hose 3-1	1
3-2	PA3-MA2	Brake Line Hose 3-2	1
3-3	PA3-MA3	Brake Line Hose 3-3	1
3-4	PA3-MA4	Brake Line Hose 3-4	1
3-5	PA3-MA5	Fitting/H. P. /Straight//St. /	6
3-6	PA3-MA6	Adapter/L. P. /Union Tee//Al. /Anod.	1
3-8	PA3-MA8	Fitting/H. P. /Male Inverted Flare/90 deg. /St. /	2

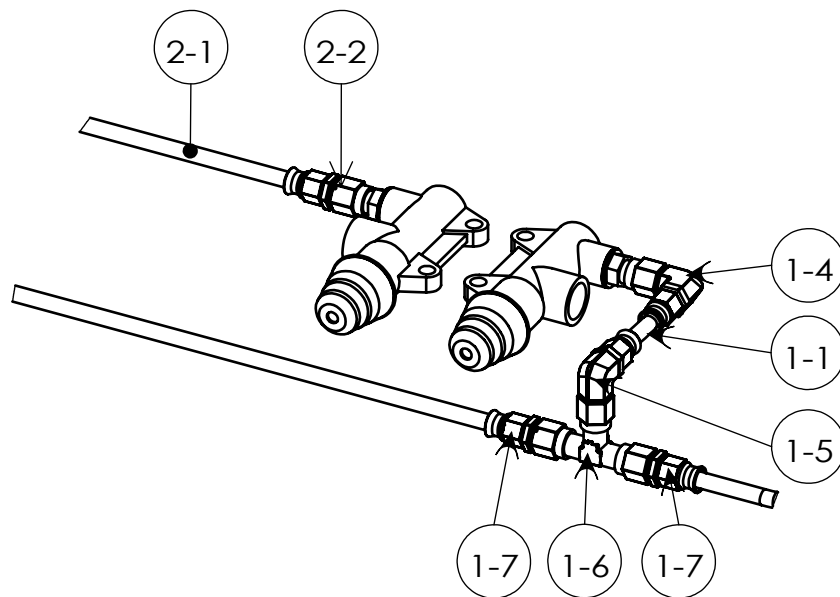
注記：パーツ分類について
 BrakeMasterCylinderFront~FrontBrakeCaliperまでをBrake Line1
 BrakeMasterCylinderRear~ProportioningValveまでをBrake Line2
 ProportioningValve~RearBrakeCaliperまでをBrake Line3とする

Projection : Third Angle	Car Number : 26	University : Kyoto University
	System : Brake System	
Scale : 1:10	Assembly : Brake Lines	
Date : 2019/05/14		
Amount : 1	ID : A1003	
Designer : 野口晴臣		



詳細図 B
スケール 1 : 3

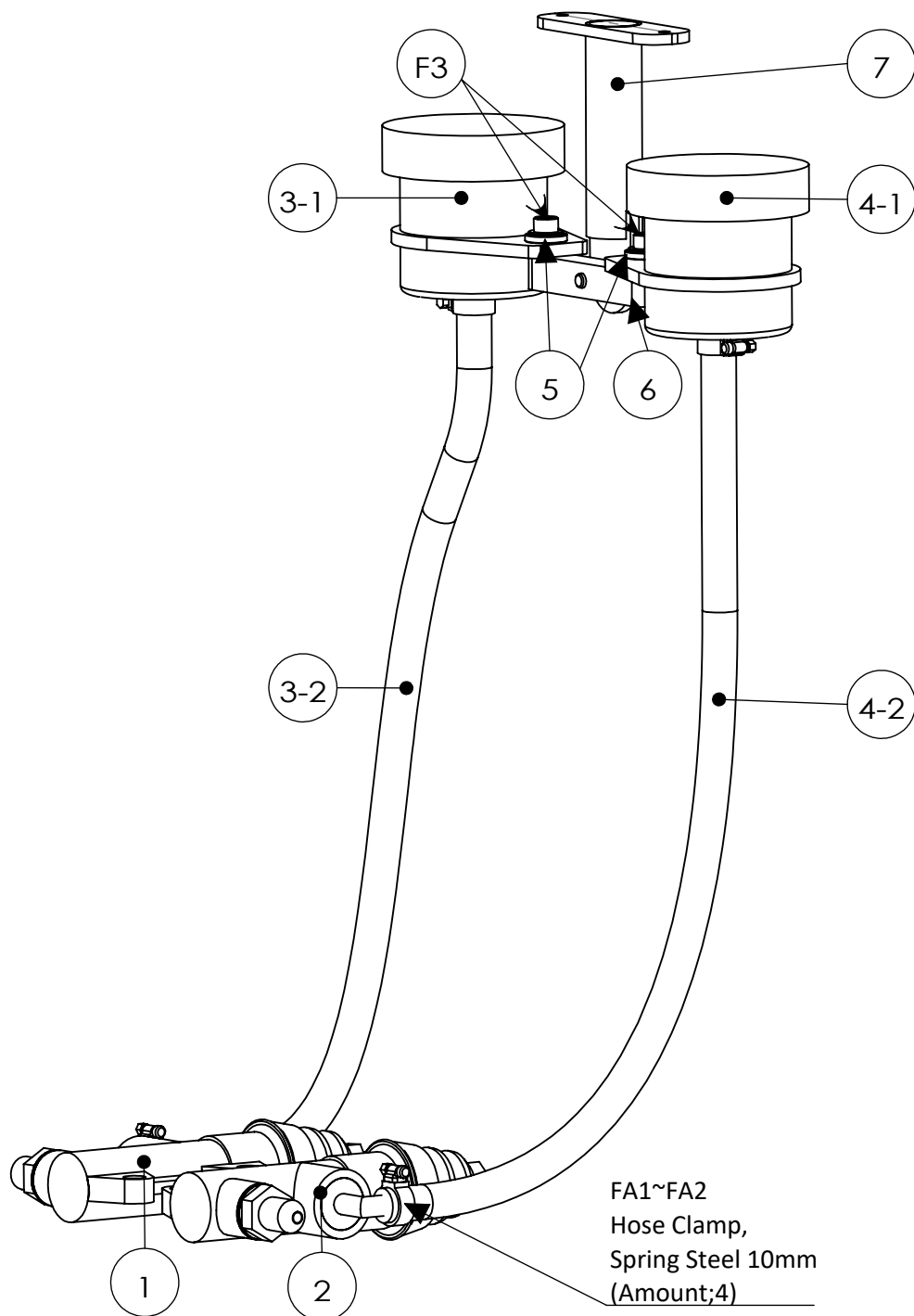
詳細図 C
スケール 1 : 3



詳細図 A
スケール 1 : 3

番号	型番	部品名	個数
1-1	PA1-MA1	Brake Line Hose 1-1	1
1-4	PA1-MA4	Fitting/H. P. /Male Inverted Flare/90 deg. /St. /	1
1-5	PA1-MA5	Fitting/H. P. /Elbow/90 deg. /St. /	1
1-6	PA1-MA6	Adapter/L. P. /Male Branch Tee//Al. /Anod.	1
1-7	PA1-MA7	Fitting/H. P. /Straight//St. /	2
2-1	PA2-MA1	Brake Line Hose 3	1
2-2	PA2-MA2	Fitting/H. P. /Male Inverted Flare/90 deg. /St. /	1
2-3	PA2-MA3	Fitting/H. P. /Straight//St. /	1
3-1	PA3-MA1	Brake Line Hose 3-1	1
3-2	PA3-MA2	Brake Line Hose 3-2	1
3-5	PA3-MA5	Fitting/H. P. /Straight//St. /	6
3-7	PA3-MA7	Adapter/L. P. /Male Female Female Tee//Al. /Anod.	1
3-9	PA3-MA9	Quick Connector Male Rear	2
3-10	PA3-MA10	Quick Connector Female Rear	2


Projection : Third Angle	Car Number : 26	University : Kyoto University
	System : Brake System	
Scale : 1:10	Assembly : Brake Lines	
Date : 2019/05/14		
Amount : 1	ID : A1003	
Designer : 野口晴臣		

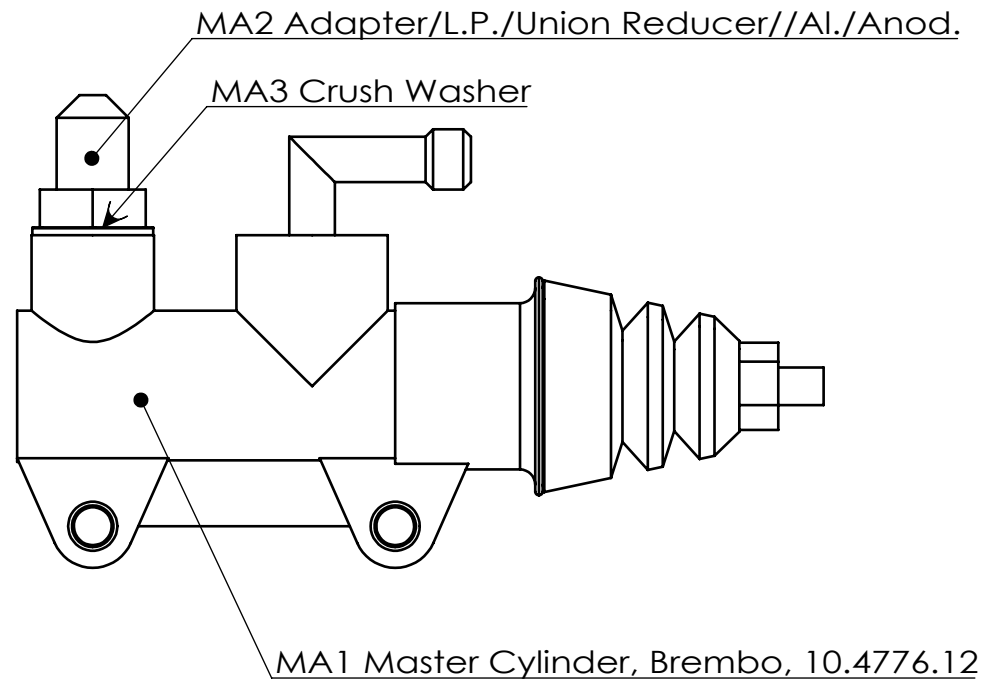


番号	型番	部品名	個数
1	PA1	Brake Master Cylinder Front(10401)	1
2	PA2	Brake Master Cylinder Rear(10402)	1
3-2	PA3	Hose, Rubber (0.30m) (10403 MA2)	1
4-2	PA4	Hose, Rubber (0.30m) (10404 MA2)	1
3-1	PA3	Brake Reservoir Tank Front(10403 MA1)	1
4-1	PA4	Brake Reservoir Tank Rear(10404 MA1)	1
5	PA5	Brake Reservoir Tank Spacer(10405)	2
6	PA6	Brake Reservoir Tank Stay(10406)	1
7	PA7	Brake Reservoir Tank Holder(10407)	1
F3	FA3~4	M4 Bolt, Washer	2set

Projection : Third Angle	Car Number : 26	University : Kyoto University
	System : Brake System	
Scale : 1:2	Assembly : Brake Master Cylinder Asm	
Date : 2019/05/13		
Amount : 1	ID :	A1004
Designer : 野口晴臣		


University	Kyoto University
System	Brake System
Assembly	Brake Master Cylinder Asm
Patty	Brake Master Cylinder Front
P/N Base	10401
Suffix	AA
Details	裏付け資料

ItemOrder	Material	Use	Manufacturer	Model Number	Picture
MA1	Master Cylinder, Brembo, 10.4776.51	Brake Master Cylinder Front	Brembo	10.4776.51	 出典 : https://www.webike.net/sd/20299854/



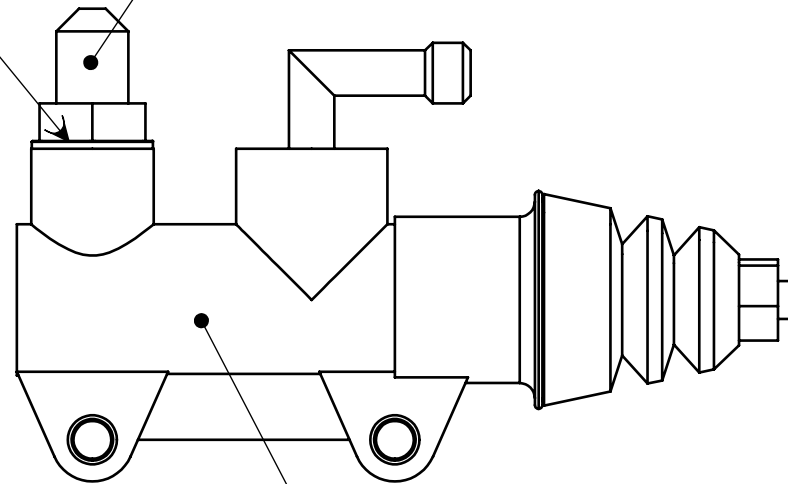
Projection :	Car Number :	University :
Third Angle	26	Kyoto University
	System :	Brake System
Scale :	Assembly :	Brake Master Cylinder Asm
1:1	Part :	Brake Master Cylinder Rear
Date :	ID :	
2019/05/13		
Amount :		
1	10401	
Designer :		
野口晴臣		

University	Kyoto University
System	Brake System
Assembly	Brake Master Cylinder Asm
Patty	Brake Master Cylinder Rear
P/N Base	10402
Suffix	AA
Details	裏付け資料

ItemOrder	Material	Use	Manufacturer	Model Number	Picture
MA1	Master Cylinder, Brembo, 10.4776.50	Brake Master Cylinder Rear	Brembo	10.4776.50	 <p>出典: https://www.webike.net/sd/20299855/</p>

MA3 Crush Washer


MA2 Adapter/L.P./Union Reducer//Al./Anod.




MA1 Master Cylinder, Brembo, 10.4776.60

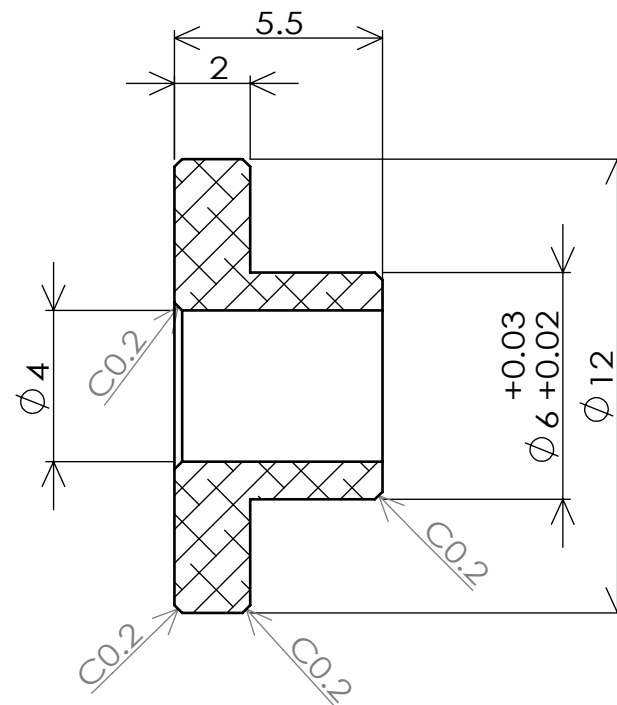
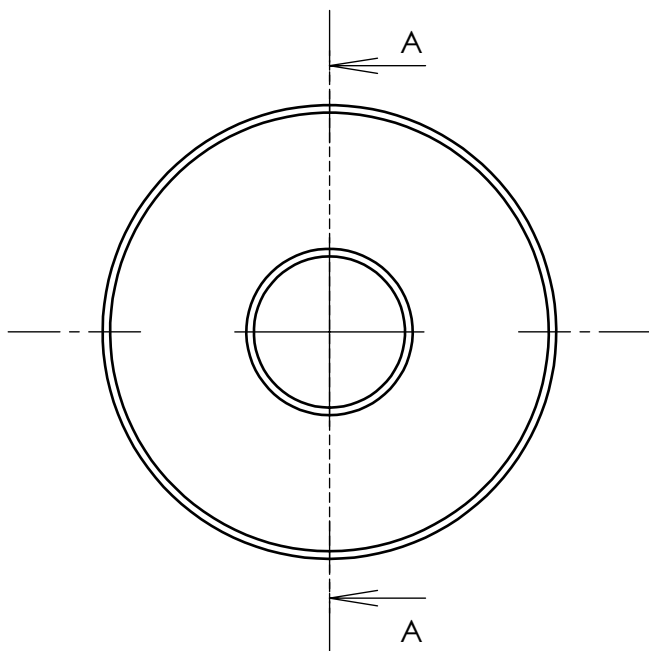
Projection : Third Angle	Car Number : 26	University : Kyoto University
	System : Brake System	
Scale : 1:1	Assembly : Brake Master Cylinder Asm	
Date : 2019/05/13	Part : Brake Master Cylinder Rear	
Amount : 1	ID :	10402
Designer : 野口晴臣		

University	Kyoto University
System	Brake System
Assembly	Brake Master Cylinder Asm
Patty	Brake Reservoir Tank Front
P/N Base	10403
Suffix	AA
Details	裏付け資料

ItemOrder	Material	Use	Manufacturer	Model Number	Picture
MA1	Hydraulic Fluid Reservoir, Remote (Plastic)	Reservoir Tank	NISSIN	2RR-49-11	

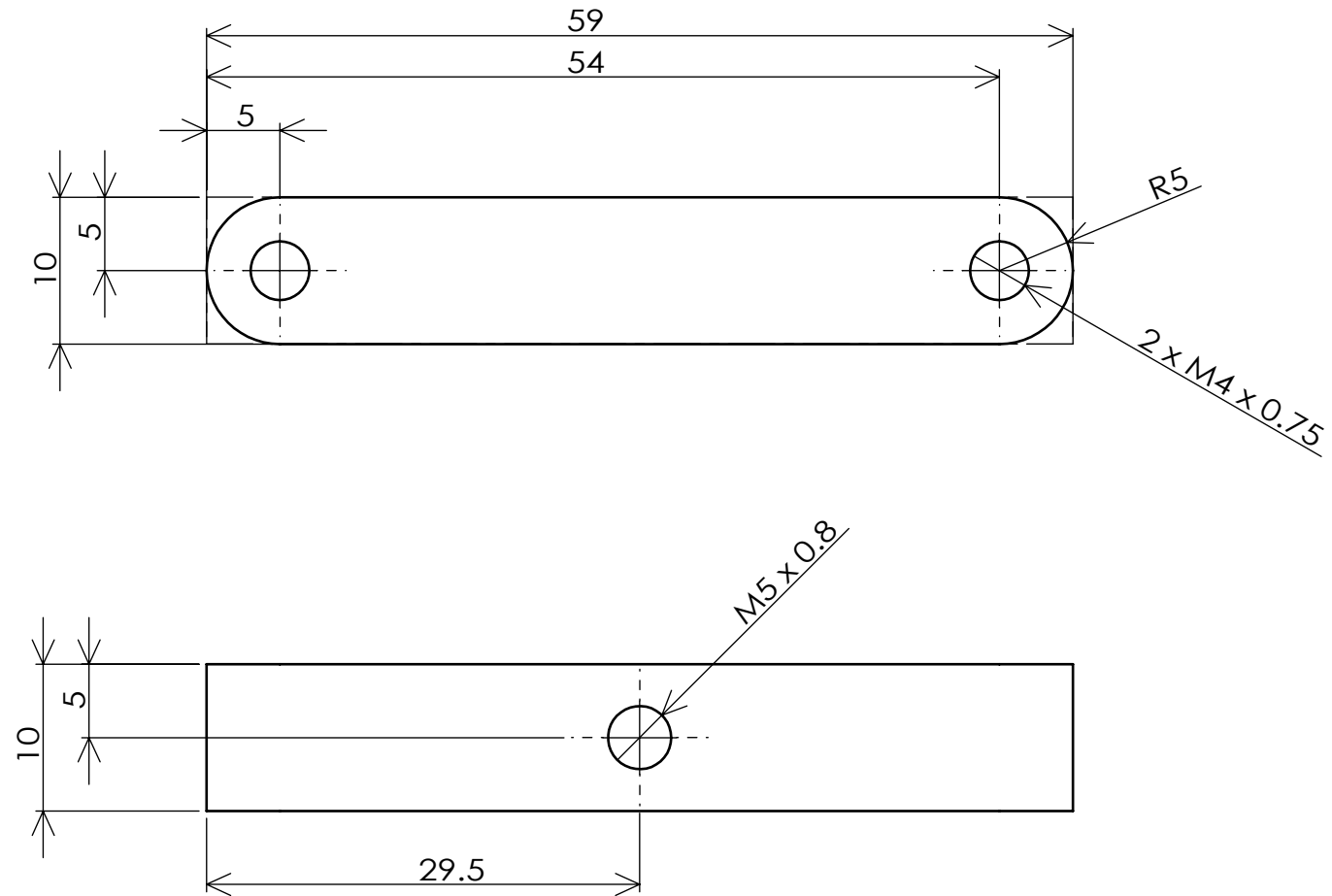
University	Kyoto University
System	Brake System
Assembly	Brake Master Cylinder Asm
Patty	Brake Reservoir Tank Rear
P/N Base	10404
Suffix	AA
Details	裏付け資料

ItemOrder	Material	Use	Manufacturer	Model Number	Picture
MA1	Hydraulic Fluid Reservoir, Remote (Plastic)	Reservoir Tank	NISSIN	2RR-49-11	



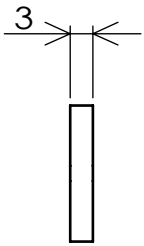
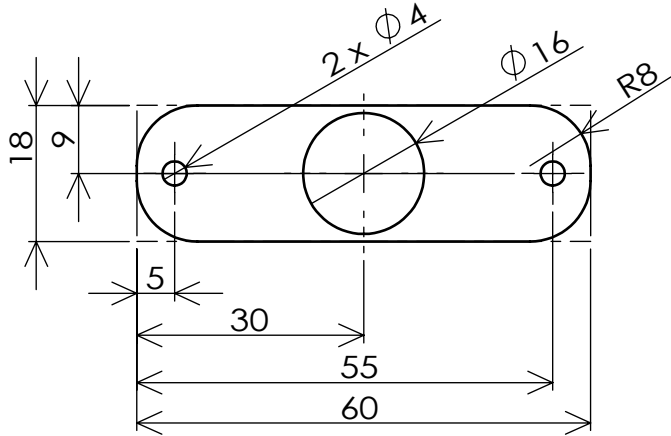
断面図 A-A

Projection :	Car Number :	University :
Third Angle	26	Kyoto University
Material :	System :	Brake System
A7075	Assembly :	Brake Master Cylinder Asm
Scale :	Part :	Brake Reservoir Tank Spacer
5 : 1	ID :	10405
Date :		
2019/01/11		
Amount :		
2		
Designer :		
野口晴臣		

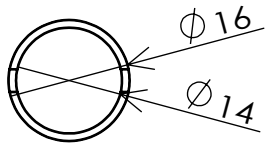
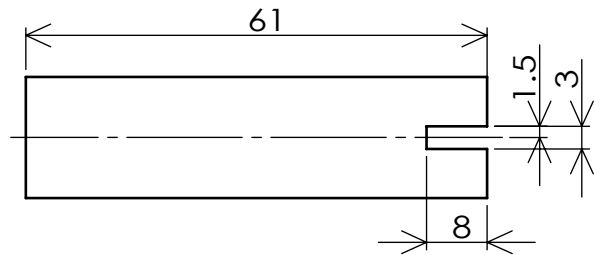


Projection :	Car Number :	University :
Third Angle	26	Kyoto University
Material :	System :	Brake System
A7075	Assembly :	Brake Master Cylinder Asm
Scale :	Part :	Brake Reservoir Tank Stay
1:1	ID :	10406
Date :		
2019/01/16		
Amount :		
1		
Designer :		
野口晴臣		

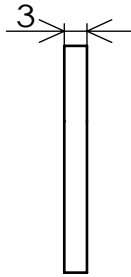
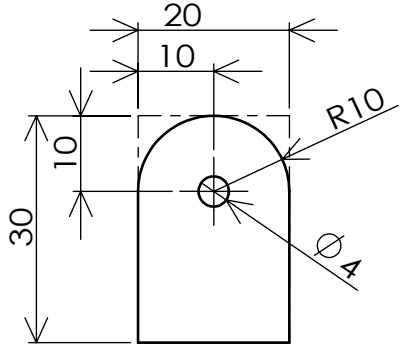
MA1 Holder Upper
Amount : 1



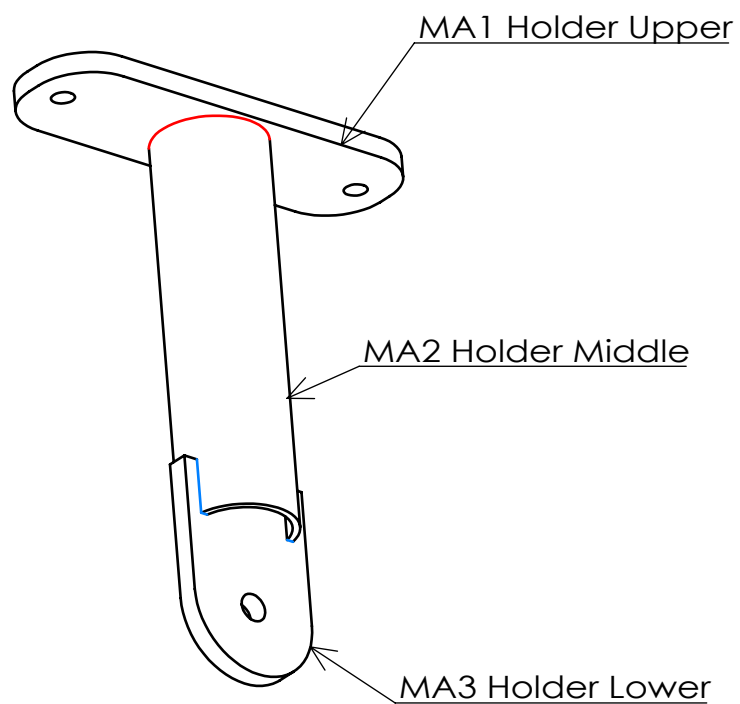
MA2 Holder Middle
Amount : 1



MA3 Holder Lower
Amount : 1



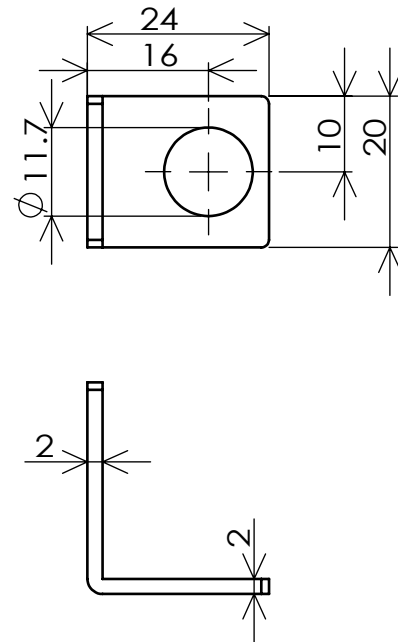
Projection : Third Angle	Car Number : 26	University : Kyoto University
Material : A5052	System : Brake System	
Scale : 1:1	Assembly : Brake Master Cylinder Asm	
Date : 2019/01/16	Part : Brake Reservoir Tank Holder	
Designer : 野口晴臣	ID : 10407	



PR8において赤線部を溶接
PR8での溶接長：50.3mm

PR9において青線部を溶接
PR9での溶接長：42.1mm

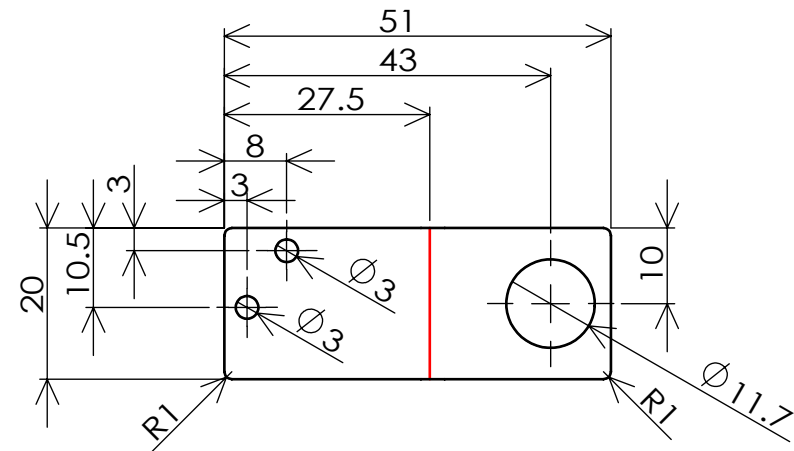
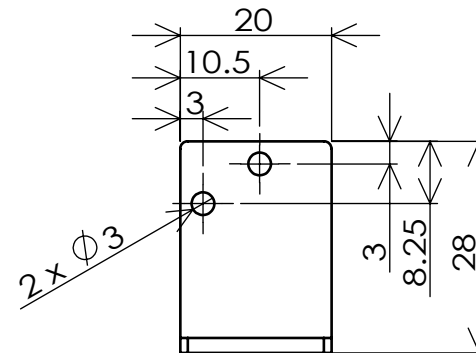
Projection :	Car Number :	University :
Third Angle	26	Kyoto University
Material :	System :	Brake System
A5052	Assembly :	Brake Master Cylinder Asm
Scale :	Part :	Brake Reservoir Tank Holder
1:1		
Date :	Amount :	ID :
2019/01/16	1	
Designer :		10407
野口晴臣		



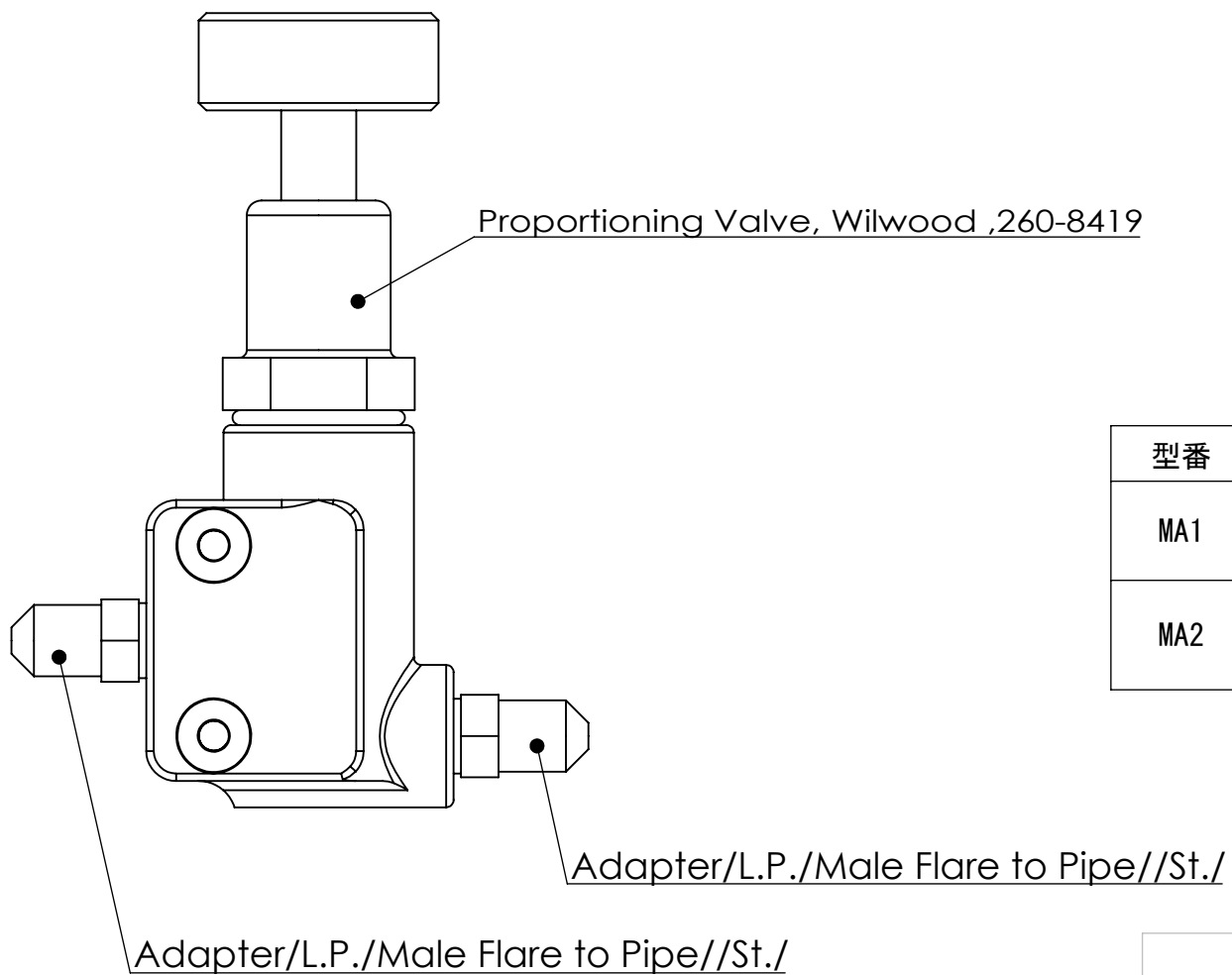
展開図 Scale 1:1

PR2にてレーザーカットを用いて
展開図の状態に加工する
周長：61.89mm

PR3にて赤線部に沿って曲げる




Projection :	Car Number :	University :
Third Angle	26	Kyoto University
Material :	System :	Brake System
A7075	Assembly :	Brake Master Cylinder Asm
Scale :	Part :	Overtravel Switch Stay
1 : 1	ID :	10408
Date :		
2019/01/18		
Amount :		
1		
Designer :		
野口晴臣		

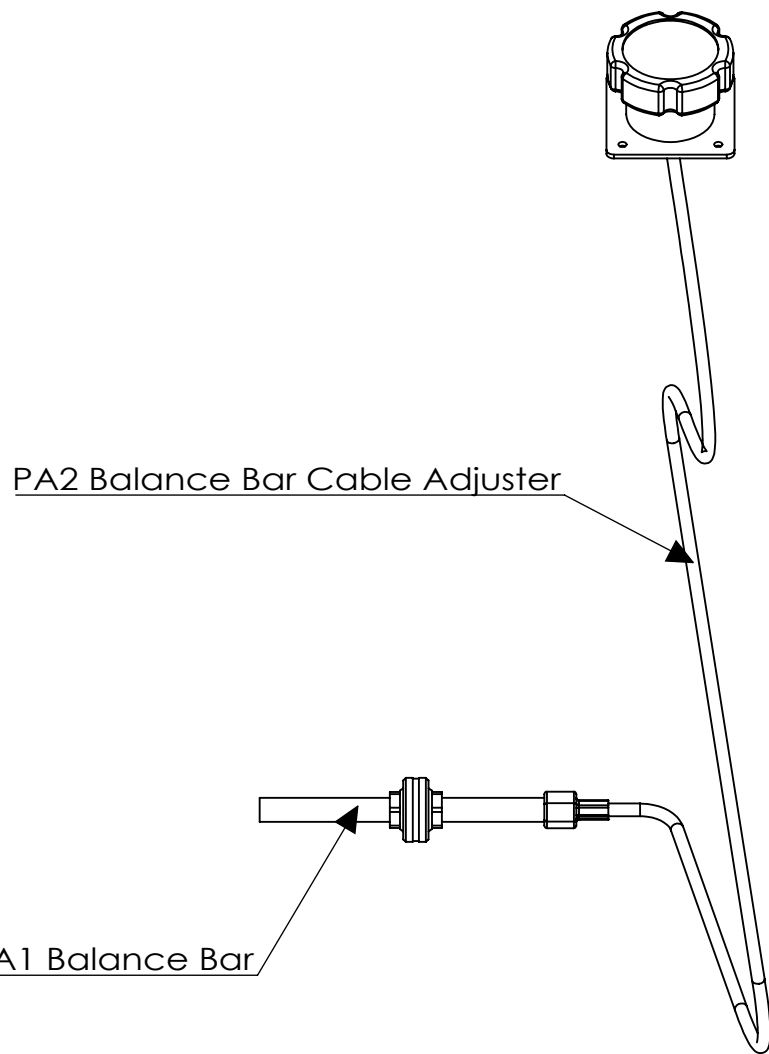


型番	部品名	個数
MA1	Proportioning Valve, Wilwood , 260-8419	1
MA2	Adapter/L. P. /Male Flare to Pipe//St. /	2

	Car Number : 26	University : Kyoto University
	System : Brake System	
Scale : 1:1	Assembly : Proportioning Valve Asm	
Date : 2019/01/18	Part : Proportioning Valve	
Amount : 1	ID : 10501	
Designer : 野口晴臣		

University	Kyoto University
System	Brake System
Assembly	Proportioning Valve Asm
Patty	Proportioning Valve
P/N Base	10501
Suffix	AA
Details	裏付け資料


ItemOrder	Material	Use	Manufacturer	Model Number	Picture
MA1	Proportioning Valve, Wilwood ,260-8419	Proportioning Valve	Wilwood	2608419	

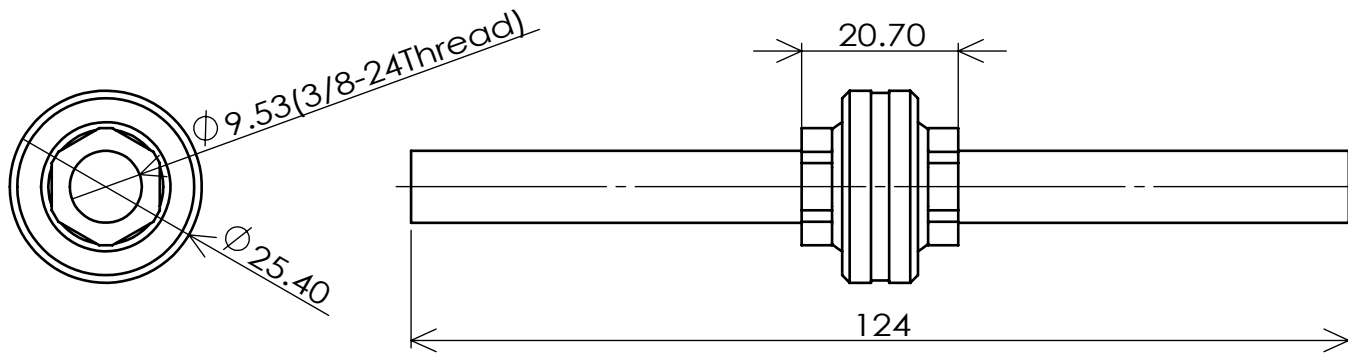


型番	部品名	個数
PA1	Balance Bar	1
PA2	Balance Bar Cable Adjuster	1

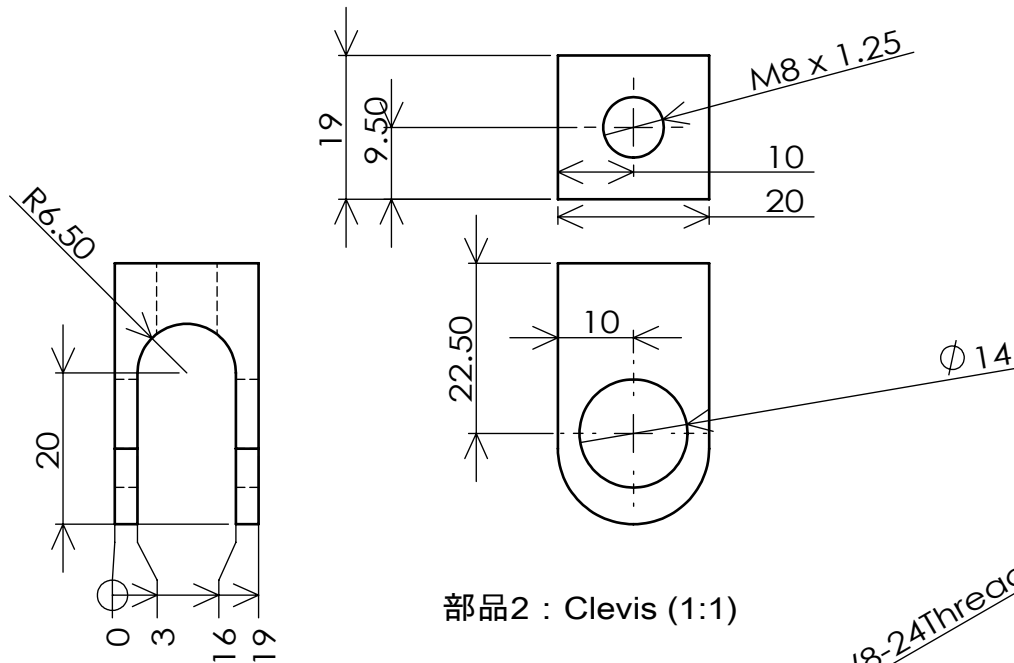
Projection : Third Angle	Car Number : 26	University : Kyoto University
	System : Brake System	
Scale : 1 : 3	Balance Bar Asm	
Date : 2019/05/13		
Amount : 1		
Designer : 野口晴臣	ID :	A1006

System	Brake System
Assembly	Balance Bar Asm
Patty	Balance Bar
P/N Base	10601
Suffix	AA
Details	裏付け資料

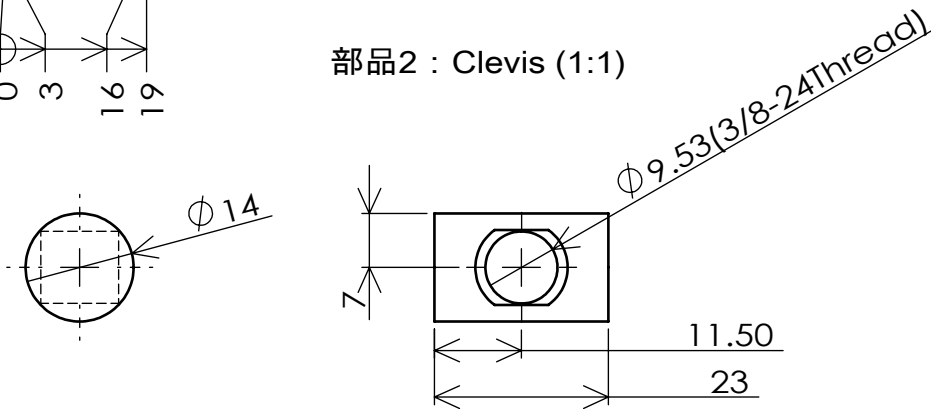
ItemOrder	Material	Use	Manufacturer	Model Number	Picture
MA1	Balance Bar, Wilwood, 340-4745	Balance Bar	Wilwood	340-4745	



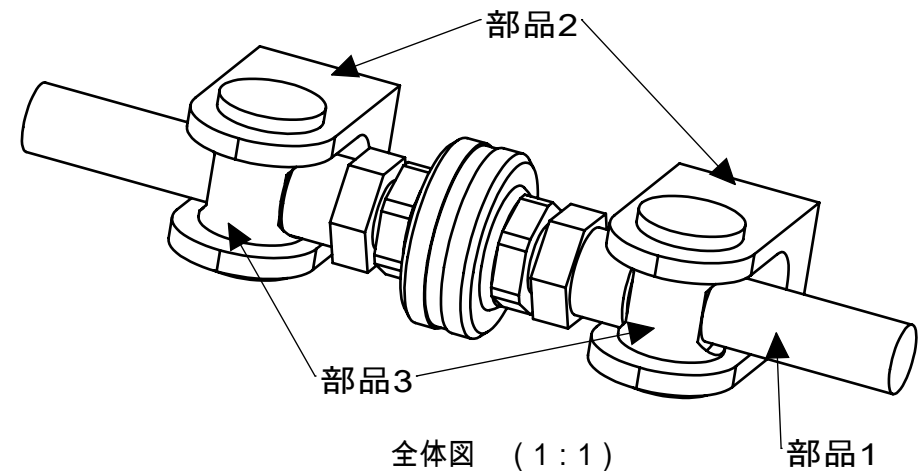
部品1:Balance Bar (1:1)



部品2 : Clevis (1:1)




部品3 : ClevisPin (1:1)




注記 : FCA上ではBalance Bar, Wilwood, 340-4745の一部品として計上されている。
部品1~3はこの図面上のみのパーツ名であり、FCA, BOM上には存在しない。
外形の寸法のみこの図面に示す。

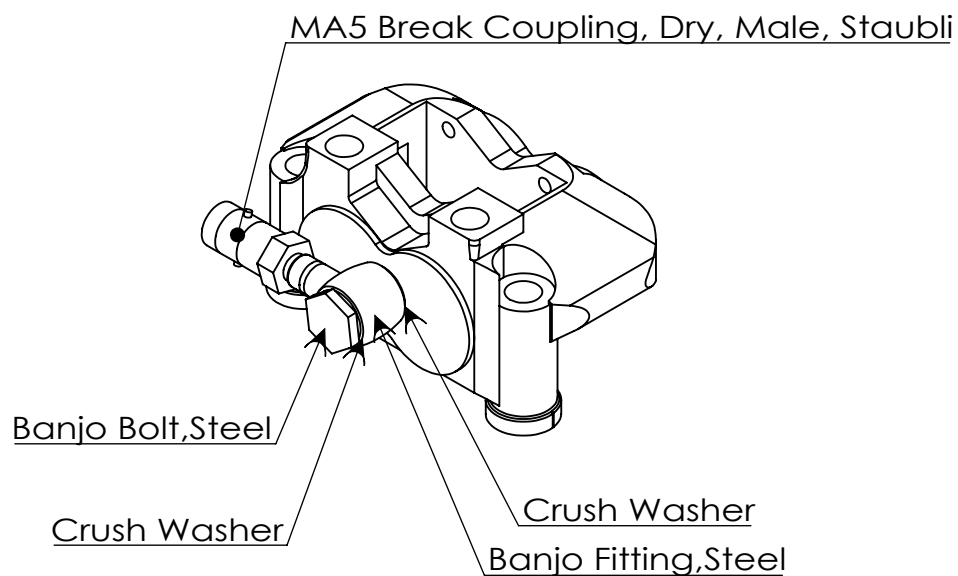
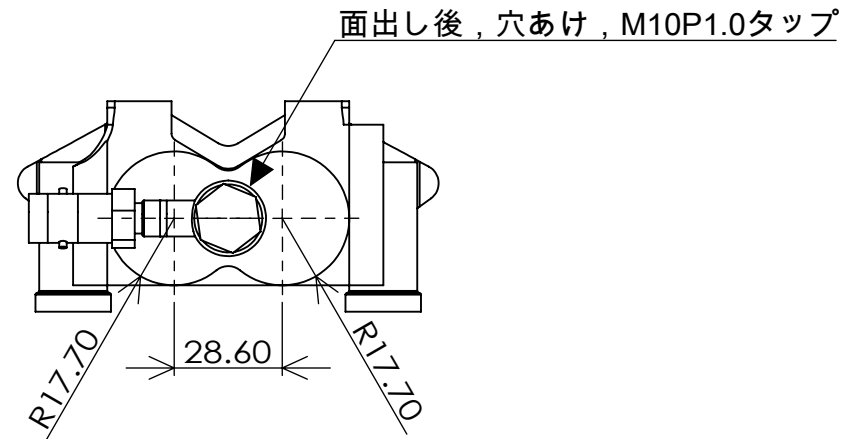
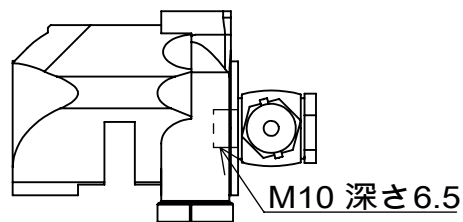
	Car Number :	26	University :	Kyoto University
	System :	Brake System		
Scale :	1:1	Assembly :	Balance Bar Asm	
Date :	2019/01/17	Part :	Balance Bar	
Amount :	1	ID :	10601	
Designer :	野口晴臣			

University	Kyoto University
System	Brake System
Assembly	Balance Bar Asm
Patty	Balance Bar Cable Adjuster
P/N Base	10602
Suffix	AA
Details	裏付け資料

ItemOrder	Material	Use	Manufacturer	Model Number	Picture
MA1	Remote Brake Bias Adjuster, Wilwood, 340-4990	Balance Bar Cable Adjuster	Wilwood	340-4990	 <p>出典: https://www.ebay.com/itm/Wilwood-340-4990-Blue-Black-Remote-Balance-Bar-Brake-Bias-Adjuster-5-Foot-Cable-/332196411768</p>

University	Kyoto University
System	Brake System
Assembly	Brake Calipers
Patty	Front Brake Caliper
P/N Base	10701
Suffix	AA
Details	裏付け資料


ItemOrder	Material	Use	Manufacturer	Model Number	Picture
MA1	Brake Caliper,Frando,HF-1	Front Brake Caliper	Frando	HF-1	

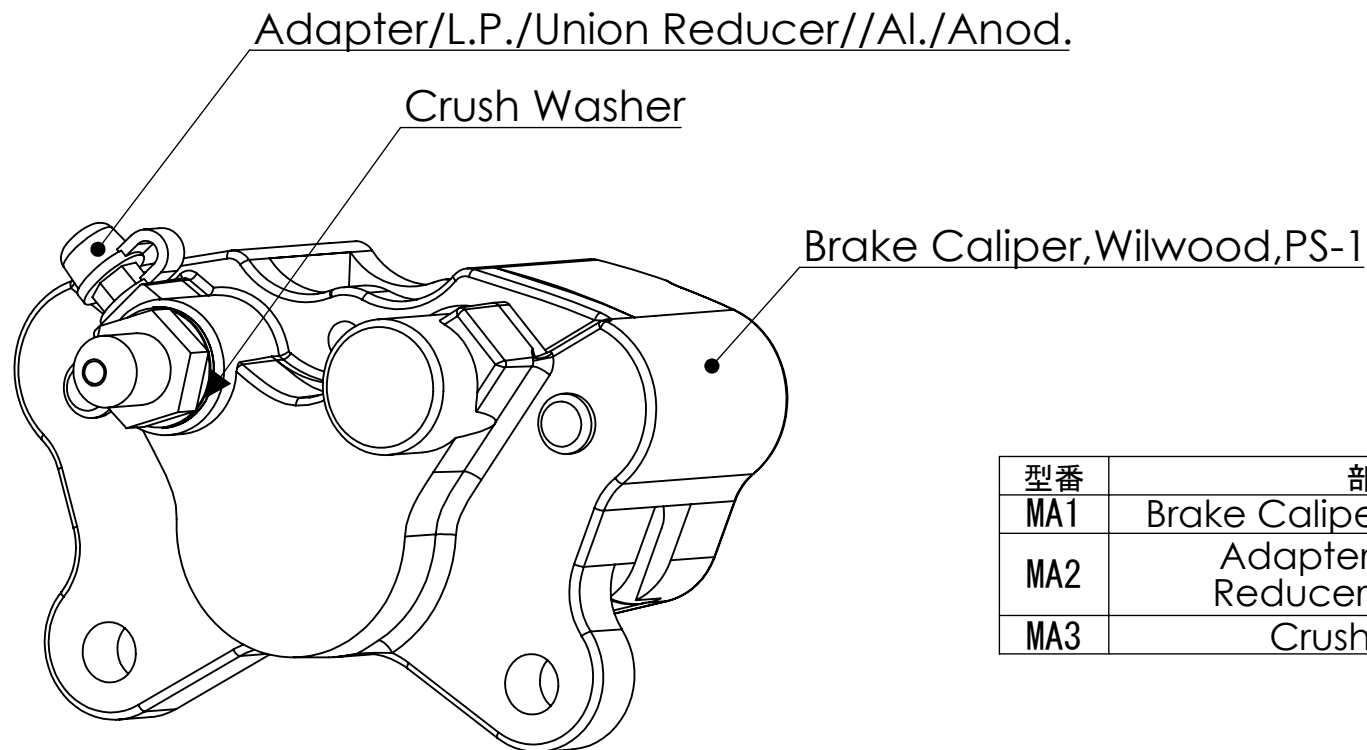


型番	部品名	個数
MA1	Brake Caliper, Frando, HF-1	1
MA2	Banjo Bolt, Steel	1
MA3	Banjo Fitting, Steel	1
MA4	Crush Washer	2
MA5	Break Coupling, Dry, Male, Staubli	1

Projection : Third Angle	Car Number : 26	University : Kyoto University
	System : Brake System	
Scale : 1:2	Assembly : Brake Caliper Asm	
Date : 2019/06/01	Part : Front Brake Caliper	
Amount : 1	ID : 10701	
Designer : 野口晴臣		

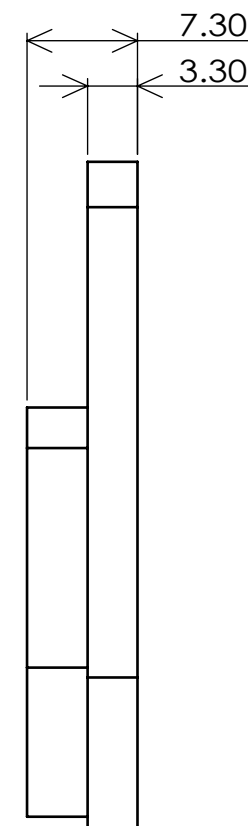
University	Kyoto University
System	Brake System
Assembly	Brake Calipers
Patty	Rear Brake Caliper
P/N Base	10702
Suffix	AA
Details	裏付け資料

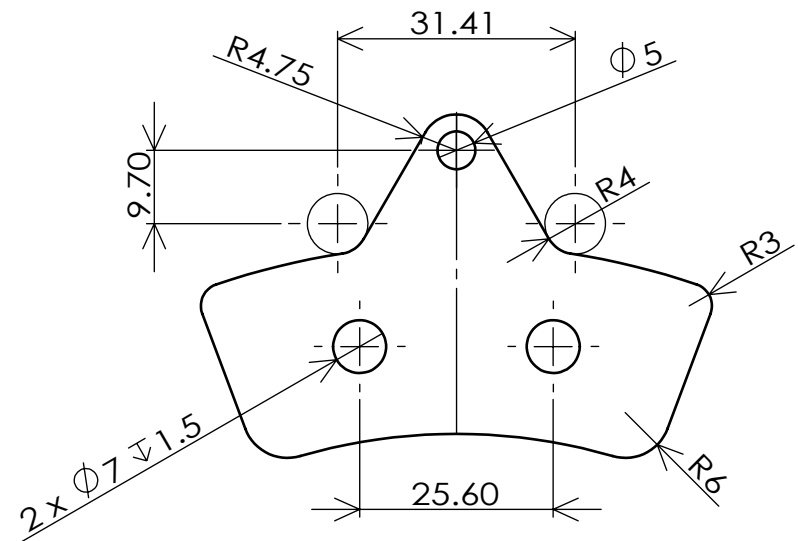
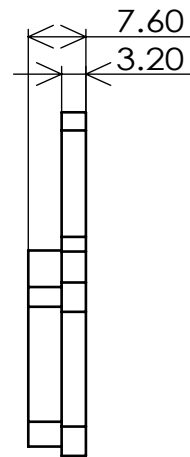
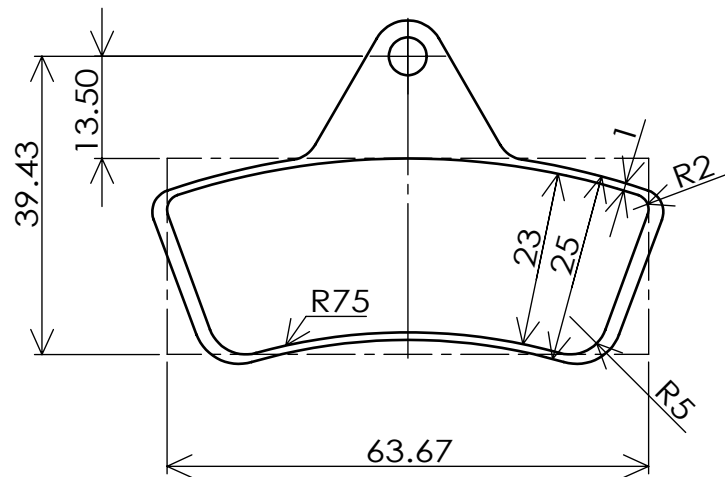
ItemOrder	Material	Use	Manufacturer	Model Number	Picture
MA1	Brake Caliper, Wilwood, PS-1	Rear Brake Caliper	Wilwood	PS-1	



型番	部品名	個数
MA1	Brake Caliper, Wilwood, PS-1	1
MA2	Adapter/L.P./Union Reducer//Al./Anod.	1
MA3	Crush Washer	1

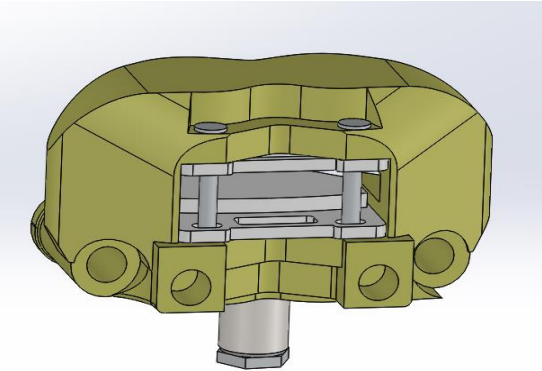
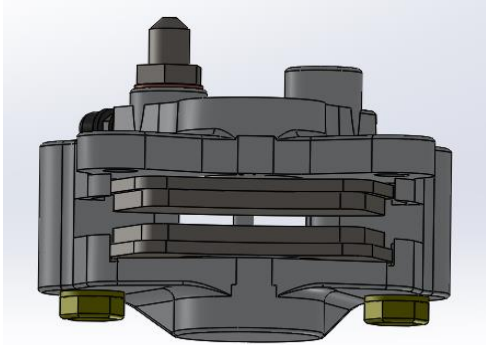
Projection :	Car Number :	University :
Third Angle	26	Kyoto University
	System :	Brake System
Scale :	Assembly :	Brake Caliper Asm
1:1	Part :	Rear Brake Caliper
Date :	10702	
2019/01/19		
Amount :		
1	ID :	
Designer :		
野口晴臣		



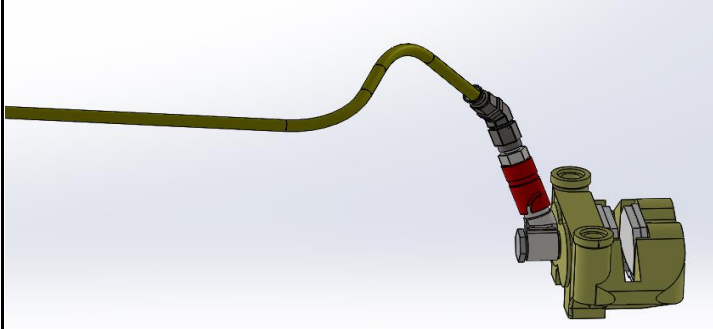
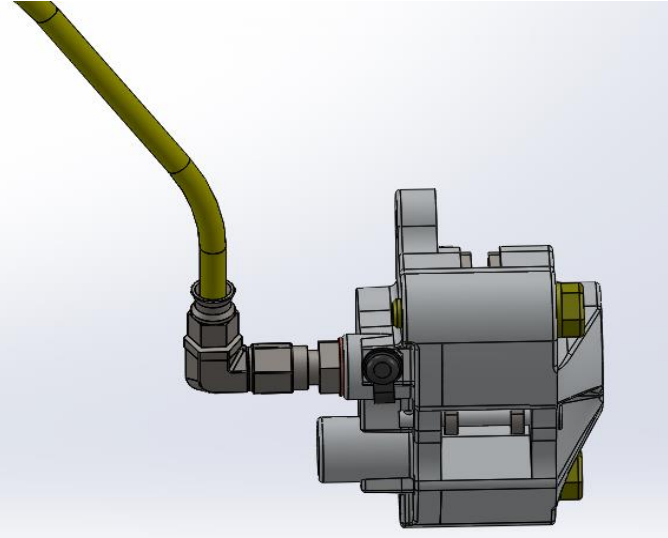


Projection : Third Angle	Car Number : 26	University : Kyoto University
	System : Brake System	
Scale : 1:2	Assembly : Brake Pad Asm	
Date : 2019/01/19	Part : Rear Brake Pad	
Amount : 1	ID : 10802	
Designer : 野口晴臣		

University	Kyoto University
System	Brake System
Assembly	Brake System Assembly
P/N Base	A1000
Suffix	AA
Details	裏付け資料

ItemOrder	Process	Use	Method	Picture
PR1	Assemble, 1 kg, Line-on-Line	AS8-PA1, FA1 to AS7-PA1	ブレーキパッドをコッターーピンとともにキャリパーへ固定	 Front Brake Caliper
PR2	Assemble, 1 kg, Line-on-Line	AS8-PA2, FA1 to AS7-PA2		 Rear Brake Caliper

University	Kyoto University
System	Brake System
Assembly	Brake System Assembly
P/N Base	A1000
Suffix	AA
Details	裏付け資料

ItemOrder	Process	Use	Method	Picture
PR3	Hand - Start Only	AS3-PA1 to AS7-PA1	フロントキャリパーとフロントのブレーキラインを締結	
PR4	Assemble, 1 kg, Line-on-Line	AS3-PA3 to AS7-PA2	リアキャリパーとリアのブレーキラインを締結	
PR5	Wrench <= 25.4 mm	AS3-PA3		
PR6	Reaction Tool <= 25.4 mm	AS7-PA2		