

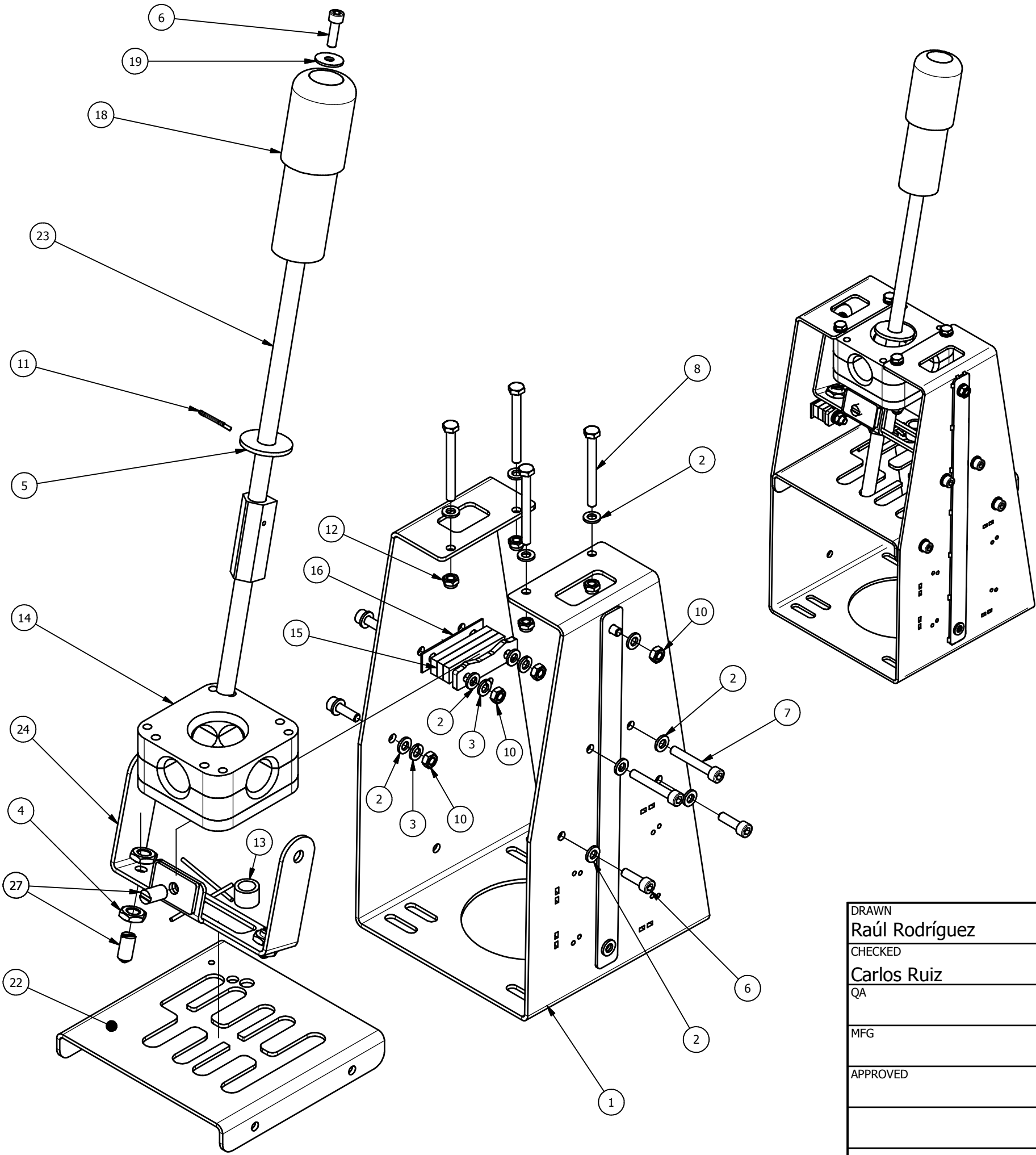
ITEMS PALANCA DE CAMBIO

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	Cojinete IGUS clase M250 Ref MFM-0610-10	De10 Di6 L10
2	26	DIN 125 - A 6,4	Washer
3	10	DIN 127 - A 6	Spring Washer
4	4	DIN 439 - M10	Hex Nut
5	1	DIN 9021 - 13	Washer
6	5	DIN 912 - M6 x 20	Cylinder Head Cap Screw
7	4	DIN 912 - M6 x 40	Cylinder Head Cap Screw
8	4	DIN 931-1 - M6 x 60	Hex-Head Bolt
9	2	DIN 933 - M6 x 25	Hex-Head Bolt
10	10	DIN 934 - M6	Hex Nut
11	1	DIN 94 - 2,5 x 20	Split Pin
12	4	DIN 985 - M6	Hex Nut
13	1	Muelle torsional 2.5 110º	
14	1	PC-AUT-V003-ECPO01	Heavy Duty Analog Trigger Joystick
15	6	PC-AUT-V006-CGSR001	Chapa Sujeción Recorridos, espesor 6 mm
16	2	PC-AUT-V006-GOMA001	Goma. Espesor 2mm
17	2	PC-AUT-V006-RECT003	Pieza de resistencia y recorrido Posicionador de Bola, espesor 4 mm
18	1	PC-SMT-POMOINTERRUPTOR	Pomo + interruptor
19	1	PC-SMT-V001-POSP001	Chapa sujeta pomo a splitter. Espesor 1.5 mm
20	1	PC-SMT-V001-REFUE001	
21	1	PC-SMT-V002-ANTIR001	Elemento Antirotación del Eje
22	1	PC-SMT-V002-CRM001	Chapa Recorrido Marchas, espesor 3 mm
23	1	PC-SMT-V002-EJE001	Eje de la Palanca de Cambios, 12 mm de diámetro
24	1	PC-SMT-V002-PBDPS001	Balancin eje palanca soldado
1	1	PC-SMT-V002-SPCS001	
2	1	Rabbit BL2010-SMK	Centralita Electrónica
27	3	Util Norm Ref.3030-10	Posicionador de bola Util Norm M10

PC-SMT-V002
SCALE 1 / 3

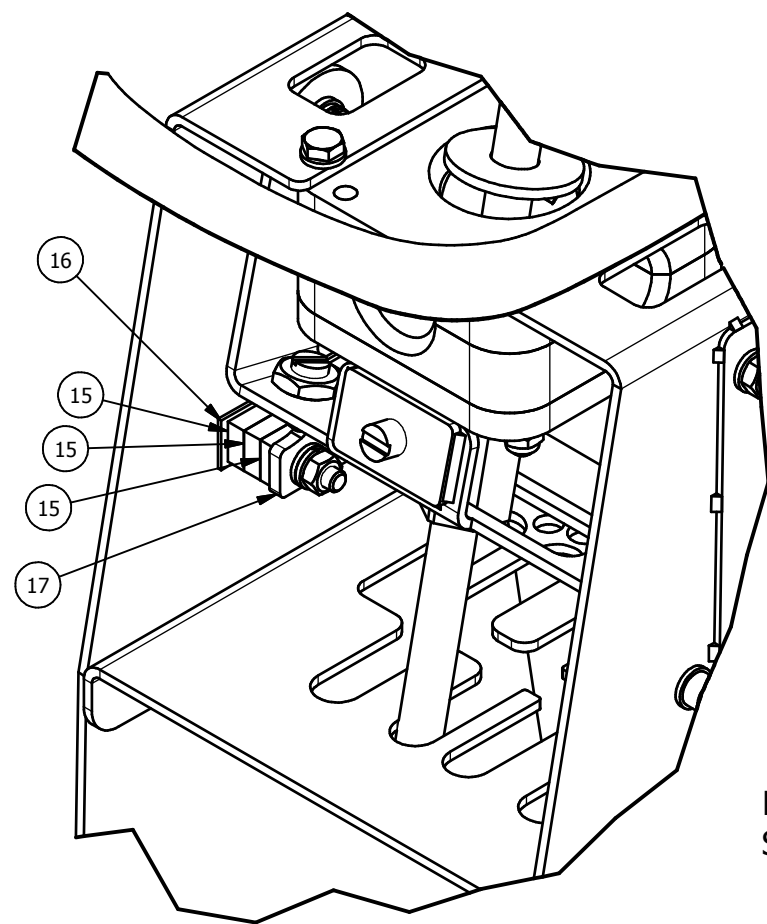
DRAWN	Raúl Rodríguez	16/07/2013	Simumak		
CHECKED	Carlos Ruiz	16/07/2013			
QA			TITLE		
MFG					
APPROVED					
			Planos ensamblaje palanca cambios Simestruck/Gold		
			SIZE	DWG NO	REV
			A3	PC-SMT-02-ENS01	
			SCALE	SHEET 1 OF 7	

MONTAJE DE PALANCA

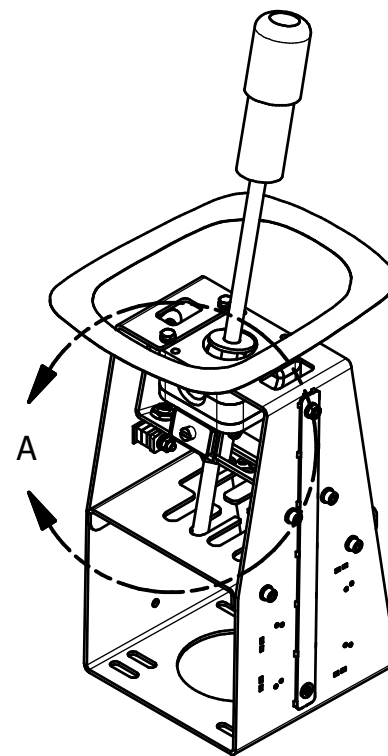


PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	Cojinete IGUS clase M250 Ref MFM-0610-10	De10 Di6 L10
2	26	DIN 125 - A 6,4	Washer
3	10	DIN 127 - A 6	Spring Washer
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5	1	DIN 9021 - 13	Washer
6	5	DIN 912 - M6 x 20	Cylinder Head Cap Screw
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8	4	DIN 931-1 - M6 x 60	Hex-Head Bolt
9	2	DIN 933 - M6 x 25	Hex-Head Bolt
10	10	DIN 934 - M6	Hex Nut
11	1	DIN 94 - 2,5 x 20	Split Pin
12	4	DIN 985 - M6	Hex Nut
13	1	Muelle torsional 2.5 110º	
14	1	PC-AUT-V003-ECP001	Heavy Duty Analog Trigger Joystick
15	6	PC-AUT-V006-CGSR001	Chapa Sujeción Recorridos, espesor 6 mm
16	2	PC-AUT-V006-GOMA001	Goma. Espesor 2mm
17	2	PC-AUT-V006-RECT003	Pieza de resistencia y recorrido Posicionador de Bola, espesor 4 mm
18	1	PC-SMT-POMOINTERRUPTOR	Pomo + interruptor
19	1	PC-SMT-V001-POSP001	Chapa sujeta pomo a splitter. Espesor 1.5 mm
20	1	PC-SMT-V001-REFUE001	
21	1	PC-SMT-V002-ANTIR001	Elemento Antirotación del Eje
22	1	PC-SMT-V002-CRM001	Chapa Recorrido Marchas, espesor 3 mm
23	1	PC-SMT-V002-EJE001	Eje de la Palanca de Cambios, 12 mm de diámetro
24	1	PC-SMT-V002-PBDPS001	Balancin eje palanca soldado
1	1	PC-SMT-V002-SPCS001	
2	1	Rabbit BL2010-SMK	Centralita Electrónica
27	3	Util Norm Ref.3030-10	Posicionador de bola Util Norm M10

DRAWN	Raúl Rodríguez	16/07/2013	Simumak	
CHECKED	Carlos Ruiz	16/07/2013		
QA			TITLE	
MFG				
APPROVED				
			SIZE	DWG NO
			A3	PC-SMT-02-ENS01
			SCALE	SHEET 2 OF 7



DETAIL A
SCALE 1/2

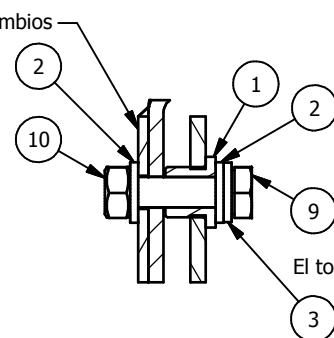
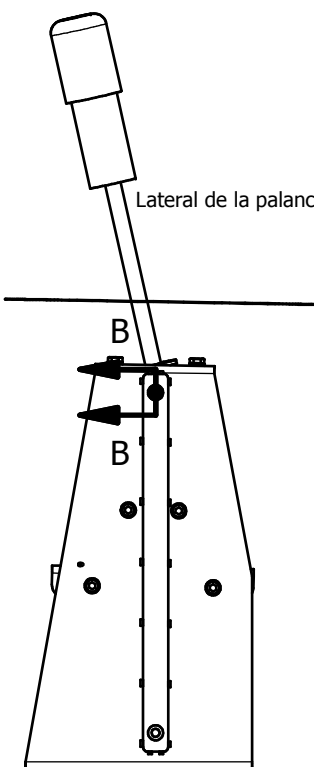


PC-SMT-V002
SCALE 1/6

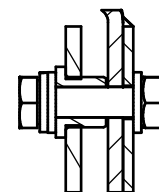
Regulación manual de los posicionadores de bolas
La bola debe apoyar en el camino de crestas

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	Cojinete IGUS clase M250 Ref MFM-0610-10	De10 Di6 L10
2	26	DIN 125 - A 6,4	Washer
3	10	DIN 127 - A 6	Spring Washer
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13	1	Muelle torsional 2.5 110°	
14	1	PC-AUT-V003-ECP001	Heavy Duty Analog Trigger Joystick
15	6	PC-AUT-V006-CGSR001	Chapa Sujeción Recorridos, espesor 6 mm
16	2	PC-AUT-V006-GOMA001	Goma. Espesor 2mm
17	2	PC-AUT-V006-RECT003	Pieza de resistencia y recorrido Posicionador de Bola, espesor 4 mm
18	1	PC-SMT-POMOINTERRUPTOR	Pomo + interruptor
19	1	PC-SMT-V001-POSP001	Chapa sujeta pomo a splitter. Espesor 1.5 mm
20	1	PC-SMT-V001-REFUE001	
21	1	PC-SMT-V002-ANTIR001	Elemento Antirotación del Eje
22	1	PC-SMT-V002-CRM001	Chapa Recorrido Marchas, espesor 3 mm
23	1	PC-SMT-V002-EJE001	Eje de la Palanca de Cambios, 12 mm de diámetro
24	1	PC-SMT-V002-PBDPS001	Balancin eje palanca soldado
1	1	PC-SMT-V002-SPCS001	
2	1	Rabbit BL2010-SMK	Centralita Electrónica
27	3	Util Norm Ref.3030-10	Posicionador de bola Util Norm M10

ATORNILLAMIENTO BALANCÍN



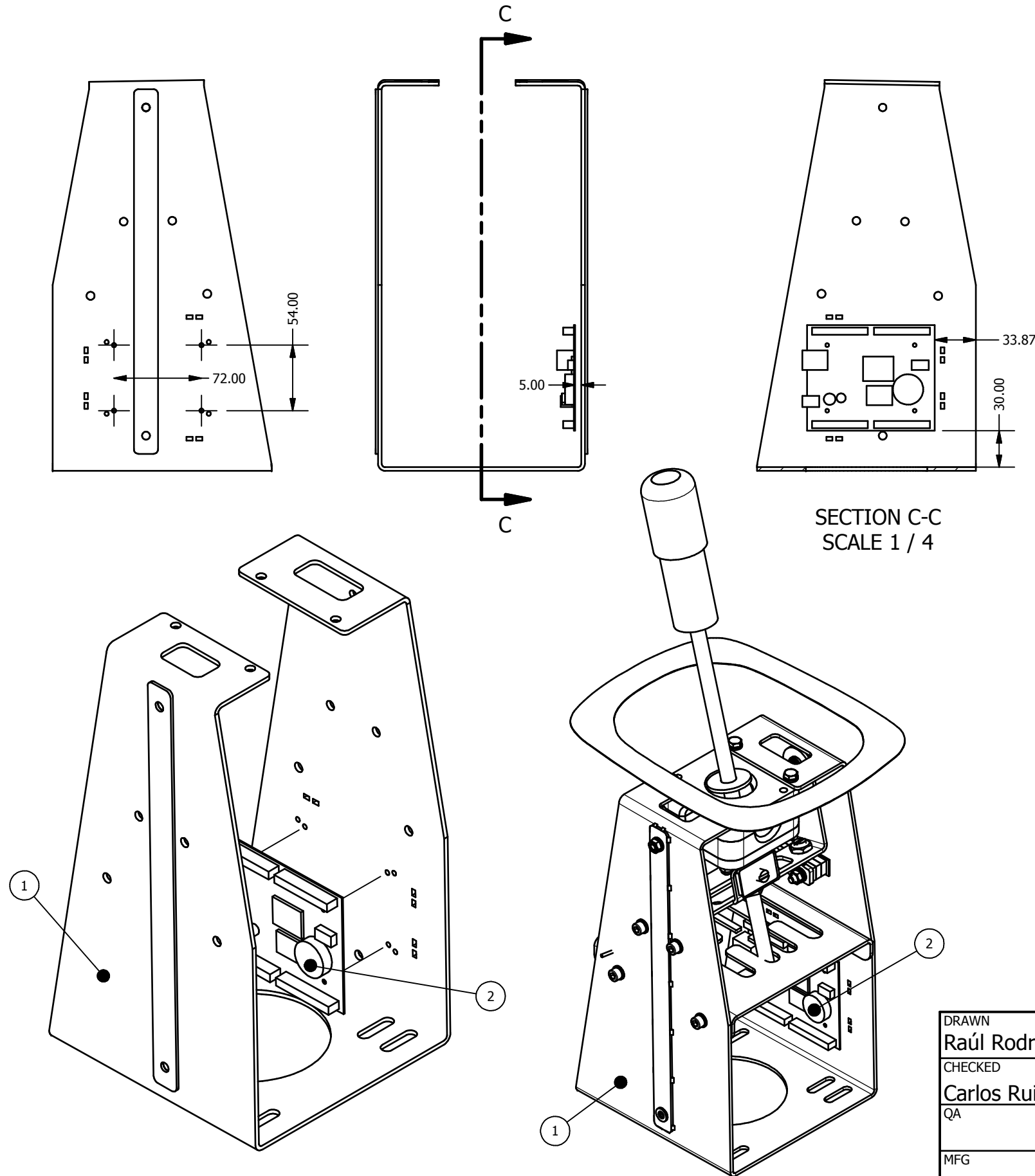
SECTION B-B
SCALE 2/3



DRAWN Raúl Rodríguez	16/07/2013	Simumak		
CHECKED Carlos Ruiz	16/07/2013	TITLE		
QA		Planos ensamblaje palanca cambios Simestruck/Gold		
MFG				
APPROVED				
		SIZE A3	DWG NO PC-SMT-02-ENS01	REV
		SCALE	SHEET 3 OF 7	

Rabbit BL2010-SMK

Top view of the PCB layout for the Raspberry Pi 4 Model B. The board features a central black microcontroller (U6) with a white logo, surrounded by various components including resistors (R1-R40), capacitors (C1-C12), and integrated circuits (U1, U2, U3, U4, U5, U7, U8, U9, U10, U11, U12, U13, U14, U15, U16, U17, U18, U19, U20, U21, U22, U23, U24, U25, U26, U27, U28, U29, U30, U31, U32, U33, U34, U35, U36, U37, U38, U39, U40, U41, U42, U43, U44, U45, U46, U47, U48, U49, U50, U51, U52, U53, U54, U55, U56, U57, U58, U59, U60, U61, U62, U63, U64, U65, U66, U67, U68, U69, U70, U71, U72, U73, U74, U75, U76, U77, U78, U79, U80, U81, U82, U83, U84, U85, U86, U87, U88, U89, U90, U91, U92, U93, U94, U95, U96, U97, U98, U99, U100, U101, U102, U103, U104, U105, U106, U107, U108, U109, U110, U111, U112, U113, U114, U115, U116, U117, U118, U119, U120, U121, U122, U123, U124, U125, U126, U127, U128, U129, U130, U131, U132, U133, U134, U135, U136, U137, U138, U139, U140, U141, U142, U143, U144, U145, U146, U147, U148, U149, U150, U151, U152, U153, U154, 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U819, U820, U821, U822, U823, U824



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	PC-SMT-V002-SPCS001	
2	1	Rabbit BL2010-SMK	Centralita Electrónica

DRAWN Raúl Rodríguez	16/07/2013	Simumak		
CHECKED Carlos Ruiz	16/07/2013			
QA		TITLE Planos ensamblaje palanca cambios Simestruck/Gold		
MFG				
APPROVED				
		SIZE A3	DWG NO PC-SMT-02-ENS01	REV
		SCALE	SHEET 4 OF 7	

CONJUNTOS SOLDADOS

CONJUNTO SOLDADO
1 UNIDAD SOLDADA

CONJUNTO SOLDADO
1 UNIDAD SOLDADA

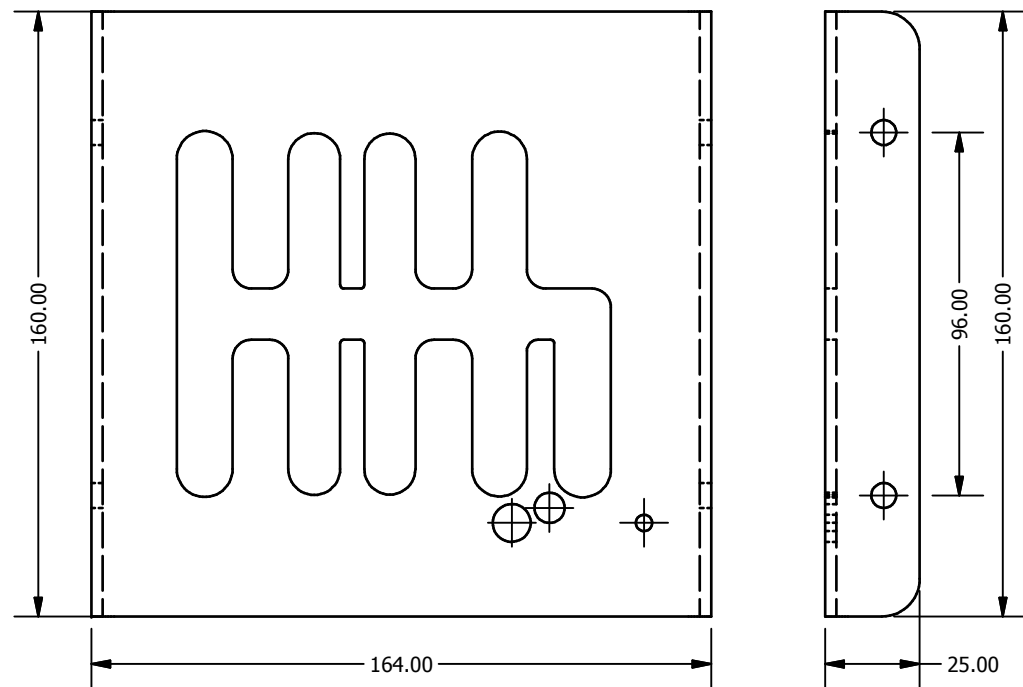
PC-SMT-V002-SPCS001
SCALE 1 / 3

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	PC-SMT-V002-SPC001	Chapa Soporte Palanca, espesor 3 mm
2	2	PC-SMT-V002-REF001	Rigidizador soporte palanca de cambios. Chapa 2mm

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	PC-SMT-V002-PBDP001	Balancín, espesor chapa 3mm
2	1	PC-SMT-V002-REBAL001	Ampliación agujero posicionador de bola. Espesor 3 mm

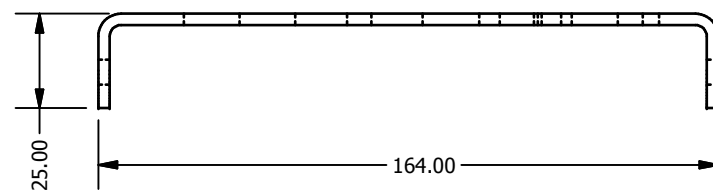
Acabados cincado amarillo

DRAWN Raúl Rodríguez	16/07/2013	Simumak		
CHECKED Carlos Ruiz	16/07/2013	TITLE Planos ensamblaje palanca cambios Simestruck/Gold		
QA				
MFG				
APPROVED				
		SIZE A3	DWG NO PC-SMT-02-ENS01	REV
		SCALE	SHEET 5 OF 7	



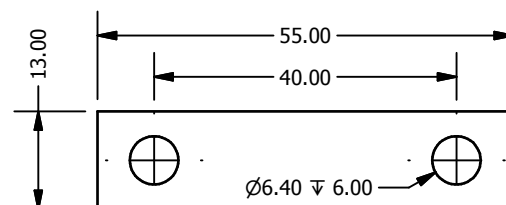
PC-AUT-V006-RECT003
SCALE 2 : 1

PARTS LIST		
QTY	PART NUMBER	DESCRIPTION
2	PC-AUT-V006-RECT003	Pieza de resistencia y recorrido Posicionador de Bola, espesor 4 mm



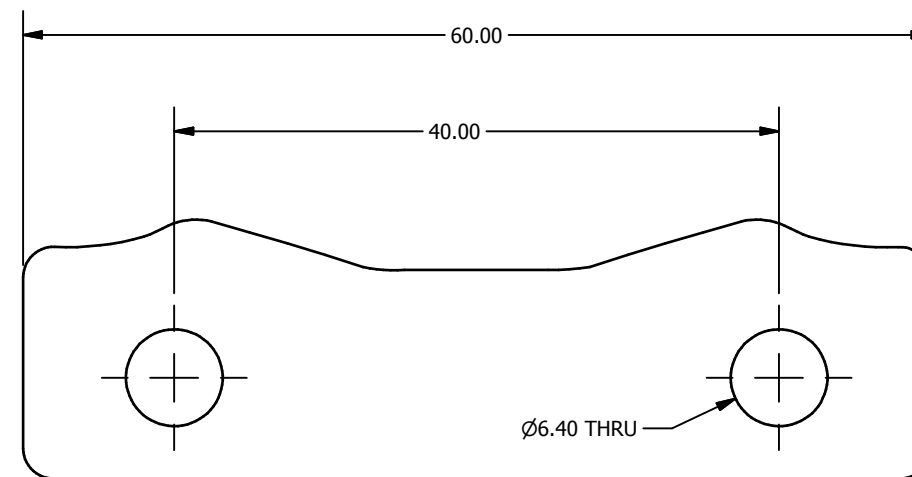
PC-SMT-V002-CRM001
SCALE 1 / 2

PARTS LIST		
QTY	PART NUMBER	DESCRIPTION
1	PC-SMT-V002-CRM001	Chapa Recorrido Marchas, espesor 3 mm



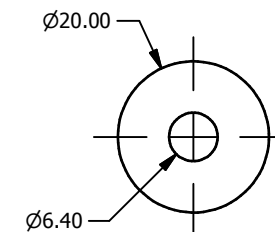
PC-AUT-V006-CGSR001
SCALE 1 : 1

PARTS LIST		
QTY	PART NUMBER	DESCRIPTION
6	PC-AUT-V006-CGSR001	Chapa Sujeción Recorridos, espesor 6 mm



PC-AUT-V006-RECT003
SCALE 2 : 1

PARTS LIST		
QTY	PART NUMBER	DESCRIPTION
2	PC-AUT-V006-RECT003	Pieza de resistencia y recorrido Posicionador de Bola, espesor 4 mm



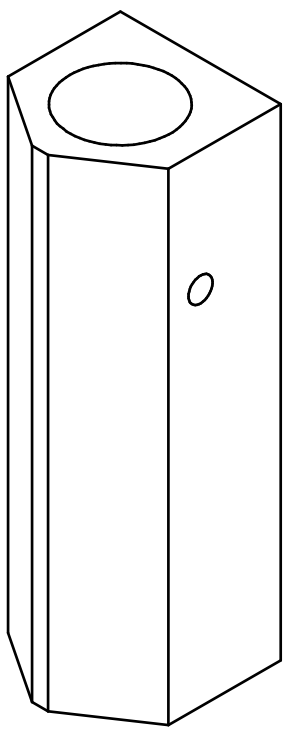
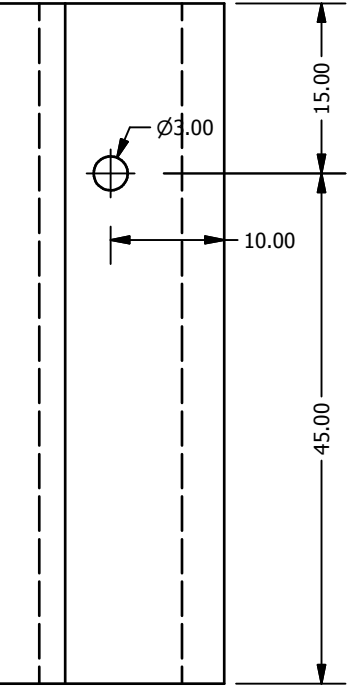
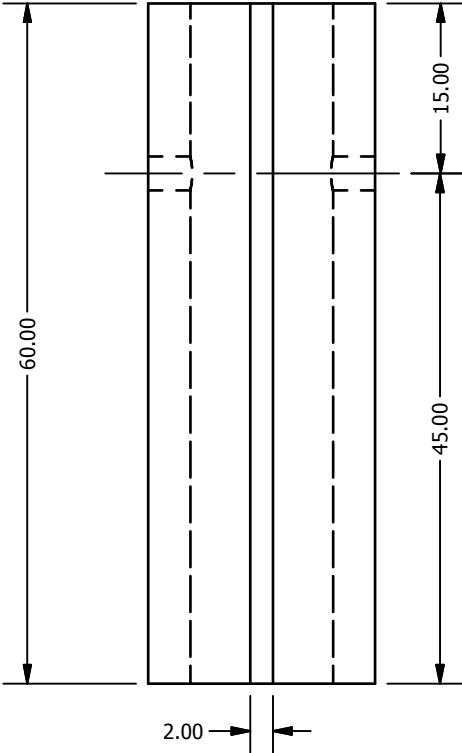
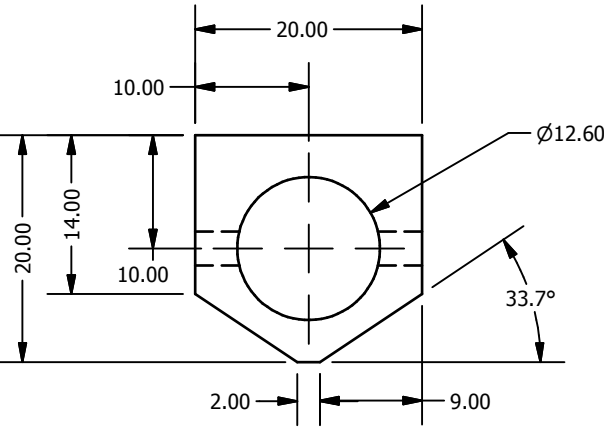
PC-SMT-V001-POSP001
SCALE 1 : 1

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	PC-SMT-V001-POSP001	Chapa sujeta pomo a splitter. Espesor 1.5 mm

Acabados cincado amarillo

DRAWN	Raúl Rodríguez	16/07/2013	Simumak		
CHECKED	Carlos Ruiz	16/07/2013			
QA			TITLE		
MFG					
APPROVED					
			SIZE	DWG NO	REV
			A3	PC-SMT-02-ENS01	
			SCALE	SHEET 6 OF 7	

PIEZAS DE MECANIZADO



PC-SMT-V002-ANTIR001
SCALE 3/2

PARTS LIST		
QTY	PART NUMBER	DESCRIPTION
1	PC-SMT-V002-ANTIR001	Elemento Antirotación del Eje

Acabados cincado amarillo

PARTS LIST		
QTY	PART NUMBER	DESCRIPTION
1	PC-SMT-V002-EJE001	Eje de la Palanca de Cambios, 12.5 mm de diámetro

PC-SMT-V002-EJE001
SCALE 1 / 2

DRAWN Raúl Rodríguez		16/07/2013	Simumak	
CHECKED Carlos Ruiz		16/07/2013		
QA			TITLE Planos ensamble palanca cambios Simestruck/Gold	
MFG				
APPROVED				
			SIZE A3	DWG NO PC-SMT-02-ENS01
			SCALE	REV
			SHEET 7 OF 7	