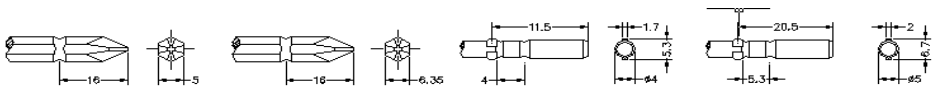
Specifications

MODEL		SKD-C5200L	SKD-C5300L	SKD-C5300LF
Input voltage(DC)		DC 20V OR 32V		
Rated input		48W		
Bit torque	(kgf.cm)	1~12	3~16	1~8
	(Lbf.in)	0.89~10.44	2.57~13.89	0.89~6.9
	(N.m)	0.1~1.18	0.29~1.57	0.1~0.78
Torque Accuracy (%)		±3%		
Torque Adjustment		Step less		
Rev speed at no load	HI	1000	1000	2000
	LO	650	650	-
Metal assembly screw	Machine screw(mm)	1.6~3.0	2.3~3.5	1.6~3.0
	Tapping screw(mm)	1.6~2.6	2.3~3.0	1.6~2.6
Weight (g)		480		
Length (mm)		230		
Model of Torque Fixing Ring		KC-6		
Power controller		SKP-C32HL		
Model of Suspension Rack		KH-4、(KC & KH-2)		
Bit Type		 HEX 5mm, HEX 6.35mm Ø4mm, Ø5mm		

* 1N.m=10.2Kgf.cm 1N.m=8.85Lbf.in

Accessories

1、BIT Type ： No. 00 ・・・ Bit use in dia 1.3~1.8mm screw

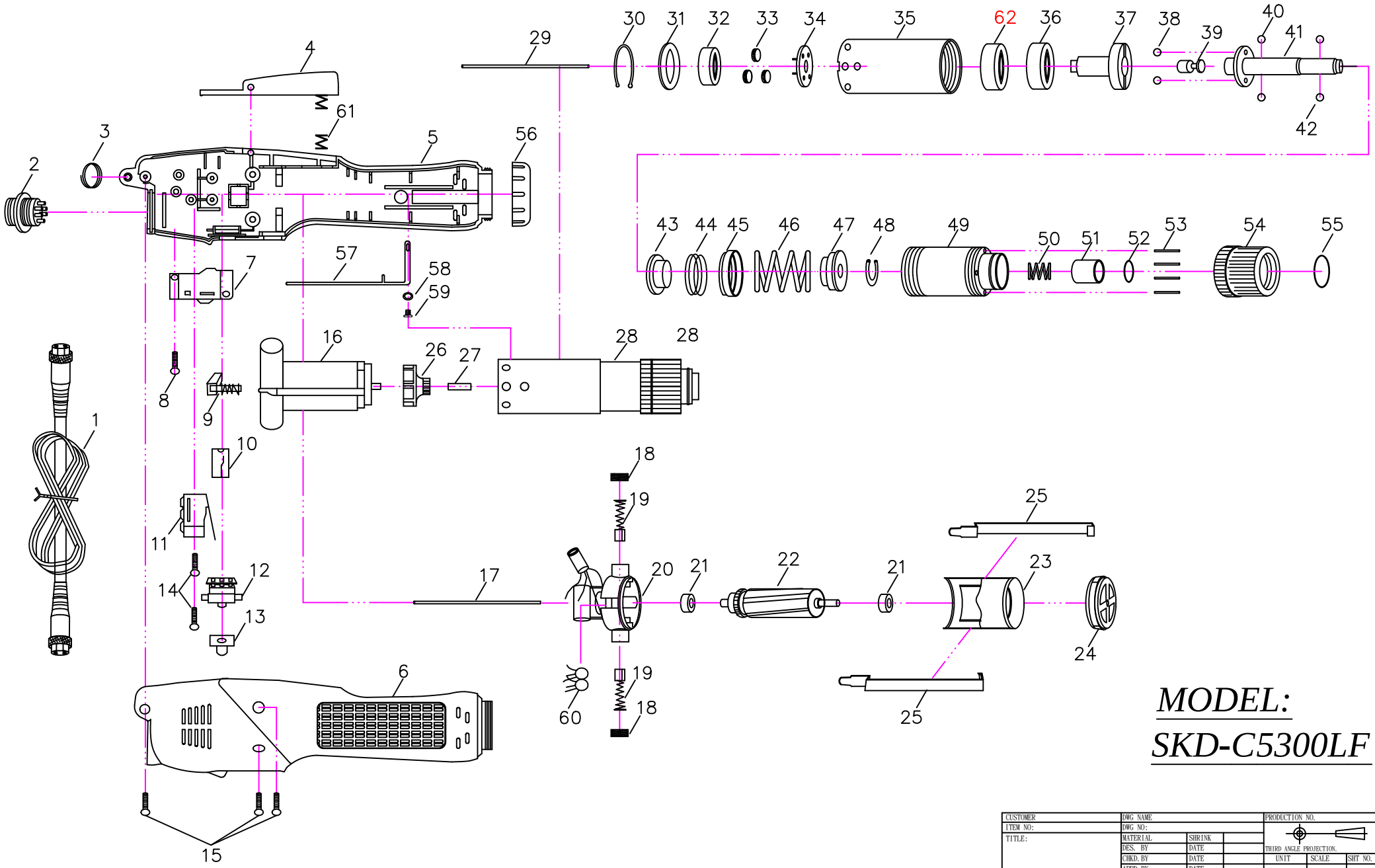
No. 0・・・・ Bit use in dia 1.8~2.0mm screw

No. 1・・・ ・Bit use in dia 2.0~2.6mm screw

No. 2・・ ・・Bit use in dia 3.0~4.0mm screw

SKD-C5200L	with BIT	1# & 2#	1 Pce. Each
SKD-C5300L	with BIT	1# & 2#	1 Pce. Each
SKD-C5300LF	with BIT	1# & 2#	1 Pce. Each

2、Suspension rack and Torque fixing ring acceptable for use with the tool are available from KILEWS catalogue.

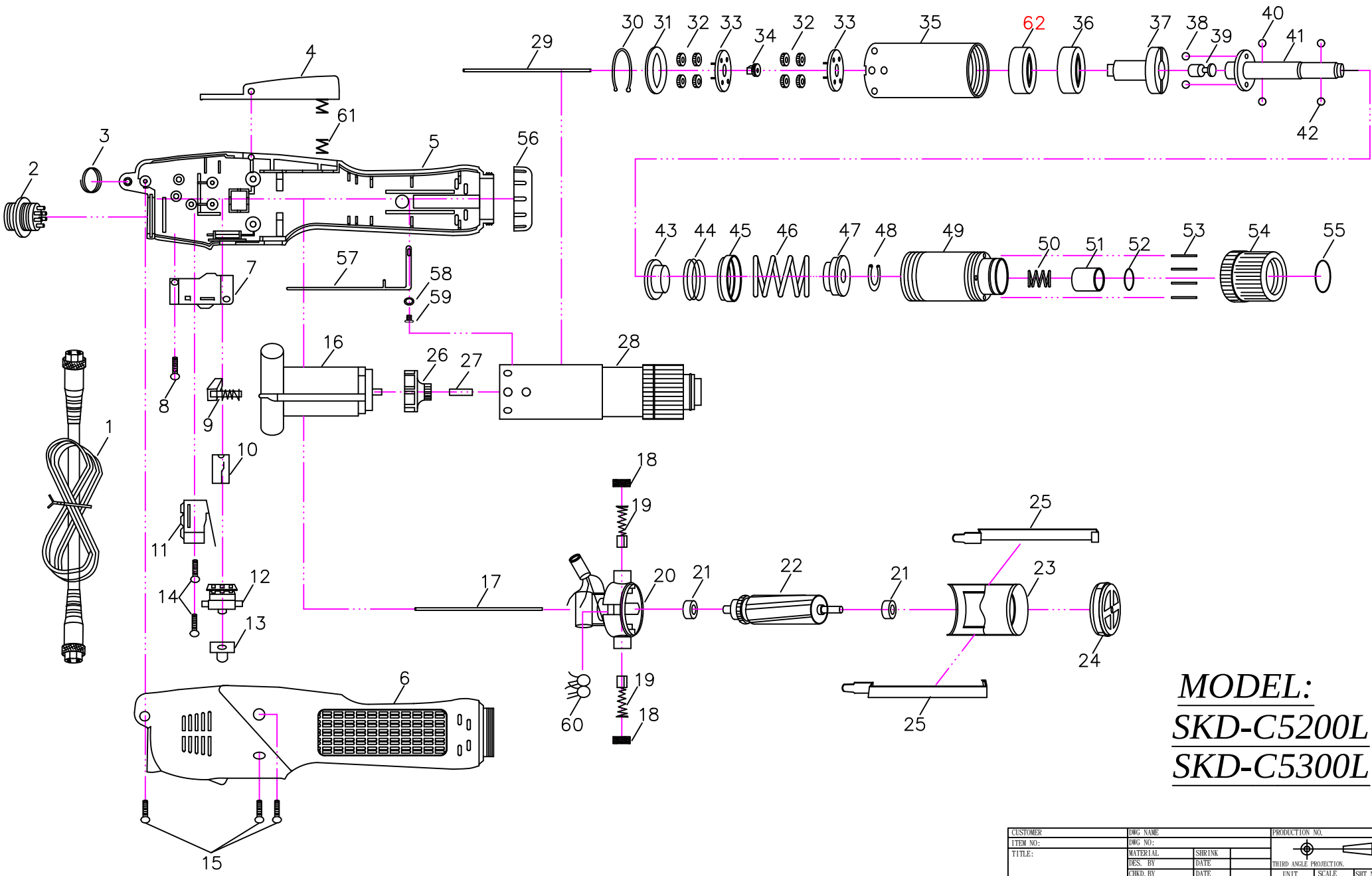


MODEL:

SKD-C5300LF

CUSTOMER	DWG NAME			PRODUCTION NO.	
ITEM NO:	DWG NO:				
TITLE:	MATERIAL	SHRINK		THIRD ANGLE PROJECTION.	
	DES. BY	DATE			
	CHKD. BY	DATE		UNIT	SCALE	SHT NO.
	APPD. BY	DATE				

NO	PARTS NO	PARTS NAME-E	PARTS NAME-C	Q'ty	NO	PARTS NO	PARTS NAME-E	PARTS NAME-C	Q'ty
1	AA50001-10	CORD ASSEMBLY 2M 7PIN	電源線 2M 7PIN	1	32	GH20241	IDLE GEAR	游星齒輪	8
	AA50001-12	CORD ASSEMBLY 3M 7PIN	電源線 3M 7PIN	1	33	GG20271	GEAR SEAT	齒盤	2
2	PZ50160-3	CONNECTOR ASS'Y 7PIN	7芯插座	1	34	G20101	CENTRAL GEAR	中心齒	1
3	CJ20011	SUSPENSION RING	起子吊環	1	35	GA30311-7	GEAR CASE	上離合器筒	1
4	CC50012	TRIGGER ASSEMBLY	手按開關半成品	1	36	GN30321	MAIN BEARING	離合器主軸承	1
	CC50013	TRIGGER ASSEMBLY (ESD)	手按開關半成品 (ESD)	1	37	GC30341	CAM	上離合器頭	1
5	CB50033	HOUSUNG-UNDERSIDE	外殼下蓋	1	38	GP30351	STEEL BALLS	跳脫鋼珠	2
	CB50035	HOUSUNG-UNDERSIDE (ESD)	外殼下蓋(ESD)	1	39	GU30361	STOP PILOT	停止用酒杯	1
6	CA50223	HOUSUNG-UPSIDE	外殼上蓋	1	40	GP30371	STELL BALLS 3.15mm (A,C,D)	酒杯鋼珠3.15mm(A,C,D)	2
	CA50225	HOUSUNG-UPSIDE (ESD)	外殼上蓋 (ESD)	1		GP30351	STELL BALLS 4mm (B)	酒杯鋼珠4mm(B)	2
7	HB50073	START SWITCH	啟動開關	1	41	GD30381A	SHAFT FOR "A" TYPE	傳動軸(A頭)	1
8	CH30003	SCREW	螺絲	1		GD30381B	SHAFT FOR "B" TYPE	傳動軸(B頭)	1
9	CE50121	PUSH ROD	推桿半成品	1		GD30381C	SHAFT FOR "C" TYPE	傳動軸(C頭)	1
10	CE50151	FIXTURE	三合一固定片	1		GD30381D	SHAFT FOR "D" TYPE	傳動軸(D頭)	1
11	H10201	SHUT OFF SWITCH	剎車開關	1		GD30383AD	SHAFT FOR "AD" TYPE	傳動軸(AD頭)	1
12	H10101-1	CHANGEOVER SWITCH	正反開關	1	42	GP20331	STEEL BALLS FOR "A,D" TYPE(2mm)	起子頭帽鋼珠(A&D用)	2
13	CI33211-2	CHANGEOVER SWITCH CAP "C5200L"	正反開關帽蓋(C5200L)	1		GP21291B	STEEL BALLS FOR "B,C" TYPE(2.5mm)	起子頭帽鋼珠(B&C用)	2
	CI33211-3	CHANGEOVER SWITCH CAP "C5300L"	正反開關帽蓋(C5300L)	1	43	GF30401	WARING PLATE FOR "A,C,D" TYPE	扭力推盤(A,C,D用)	1
14	CH90151-1	SCREW	螺絲	2		GF30401B	WARING PLATE FOR "B" TYPE	扭力推盤(B用)	1
15	CH20102	SCREW	螺絲	3	44	GO30541-3	SPRING FOR "C5200L"	兩段式小彈簧(C5200L)	1
16	MO50111	MOTOR ASSEMBLY "C5200L"	馬達成品 C5200L	1		GO30541-1	SPRING FOR "C5300L"	兩段式小彈簧(C5300L)	1
	MO50111-1	MOTOR ASSEMBLY "C5300L"	馬達成品 C5300L	1	45	GO30531	SPRING CAP	彈簧蓋	1
17	MI30511	PILOT ROD	開關引導棒	1	46	GE50411-1	WARING SPRING FOR "C5200LA,C,D"	扭力彈簧(C5200LA,C,D)	1
18	MD20151	BRUSH CAP	碳刷蓋	2		GE50411-2	WARING SPRING FOR "C5200LB"	扭力彈簧(C5200LB)	1
19	MC71411-1	CARBON BRUSH	碳刷	2		GE30413-2	WARING SPRING FOR "C5300LA,C,D"	扭力彈簧(C5300LA,C,D)	1
20	ML50571	MOTOR TOP COVER	碳刷座半成品	1		GE30411-10	WARING SPRING FOR "C5300LB"	扭力彈簧(C5300LB)	1
21	ME20181	BALL BEARING	軸承	2	47	GY30421	WARING SPRING BASE FOR "A,C,D" TYPE	止推盤 (A,C,D)	1
22	MH50601	ARMATURE FOR "C5200L"	電樞(C5200L)	1		GY30421B	WARING SPRING BASE FOR "B" TYPE	止推盤(B)	1
	MH50601-1	ARMATURE FOR "C5300L"	電樞(C5300L)	1	48	GK20231B	"C"-RING FOR GY30421B (LB)	傳動軸固定C環(LB)	1
23	MJ50631	MOTOR YOKE ASSEMBLY "C5200L"	鐵圈連磁鐵 (C5200L)	1	49	GB30441-12A	CLUTCH CASE (A,C,D)	下離合器筒 (A,C,D)	1
	MJ30631	MOTOR YOKE ASSEMBLY "C5300L"	鐵圈連磁鐵 (C5300L)	1		GB30441-1A	CLUTCH CASE (B)	下離合器筒(B)	1
24	MB20221	MOTOR END COVER	馬達前蓋	1	50	GO30452	BIT SPRING FOR "A,C,D" TYPE	起子頭帽彈簧(A,C,D)	1
25	MA20211B	ASSEMBLING SPRING	馬達固定片	2		GO20391B	BIT SPRING FOR "B" TYPE	起子頭帽彈簧(B)	1
26	MK20131-1	FAN	風扇	1	51	GJ30461	BIT SLEEVE FOR "A,C,D" TYPE	起子頭帽 (A,C,D)	1
27	MG30081	PILOT ROD	陶瓷棒	1		GJ3046B	BIT SLEEVE FOR "B" TYPE	起子頭帽(B)	1
28	GZ30071-2A	CLUTCH ASSEMBLY FOR "C5200LA"	離合器整組 C5200LA	1	52	GQ30471	"C" RING (A,C,D)	起子頭帽C環 (A,C,D)	1
	GZ30071-2B	CLUTCH ASSEMBLY FOR "C5200LB"	離合器整組 C5200LB	1		GQ21361	"C" RING (B)	起子頭帽C環(B)	1
	GZ30071-2C	CLUTCH ASSEMBLY FOR "C5200LC"	離合器整組 C5200LC	1	53	GL30481-1	TORQUE ADJUST PIN	扭力調整棒	4
	GZ30071-2D	CLUTCH ASSEMBLY FOR "C5200LD"	離合器整組 C5200LD	1	54	GM30491	TORQUE ADJUST RING	扭力調整環	1
	GZ30071-2AD	CLUTCH ASSEMBLY FOR "C5200LAD"	離合器整組 C5200LAD	1	55	GS30501	"C" RING FOR GM30491	扭力環C環	1
	GZ30071-3A	CLUTCH ASSEMBLY FOR "C5300LA"	離合器整組 C5300LA	1	56	CD20111-1	COUPLER	外殼前鎖環	1
	GZ30071-3B	CLUTCH ASSEMBLY FOR "C5300LB"	離合器整組 C5300LB	1		CD20111-2	COUPLER ESD	外殼前鎖環 ESD	1
	GZ30071-3C	CLUTCH ASSEMBLY FOR "C5300LC"	離合器整組 C5300LC	1	57	CH30673C	GROUNDING MEANS	接地線	1
	GZ30071-3D	CLUTCH ASSEMBLY FOR "C5300LD"	離合器整組 C5300LD	1	58	CH20102-18	WASHER	華司	1
	GZ30071-3AD	CLUTCH ASSEMBLY FOR "C5300LAD"	離合器整組 C5300LAD	1	59	CH30192	SCREW	螺絲	1
29	MI30241	PILOT ROD FOR"A,C,D"TYPE	開關引導棒 (A,C,D)	1	60	EB33610-2	CERAMICS CAPACITOR	陶瓷電容	1
	MI30241-1	PILOT ROD FOR"B"TYPE	開關引導棒 (B)	1	61	CK28031-1	TRIGGER SPRING	壓板彈簧	1
30	GK20231	"C" RING	齒輪固定C環	1	62	GN30435	MAIN BEARING	離合器主軸承	1
31	GI20251-1	IRON WASHER	齒輪固定片	1					



MODEL:

SKD-C5200L

SKD-C5300L

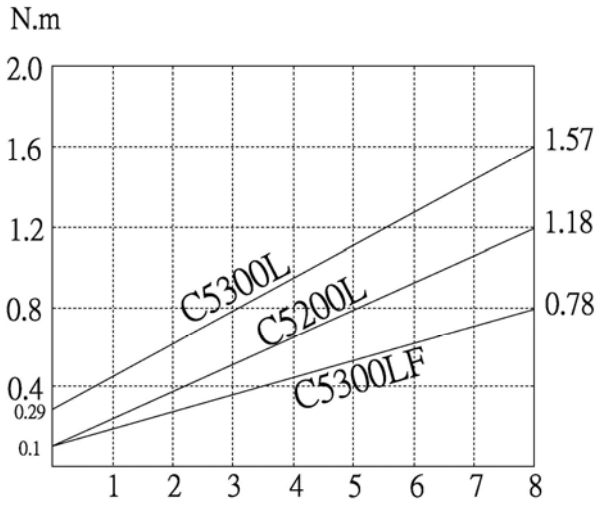
CUSTOMER	DWG NAME			PRODUCTION NO.	
ITEM NO:	DWG NO:				
TITLE:	MATERIAL	SHRINK		THIRD ANGLE PROJECTION.	
	DES. BY	DATE			
	CHKD. BY	DATE		UNIT	SCALE	SHT NO.
	APPD. BY	DATE				

NO	PARTS NO	PARTS NAME-E	PARTS NAME-C	Q'ty	NO	PARTS NO	PARTS NAME-E	PARTS NAME-C	Q'ty
1	AA50001-10	CORD ASSEMBLY 2M 7PIN	電源線 2M 7PIN	1	35	GA30311-8	GEAR CASE	上離合器筒	1
	AA50001-12	CORD ASSEMBLY 3M 7PIN	電源線 3M 7PIN	1	36	GN30321	MAIN BEARING	離合器主軸承	1
2	PZ50160-3	CONNECTOR ASS'Y 7PIN	7芯插座	1	37	GC30341	CAM	上離合器頭	1
3	CJ20011	SUSPENSION RING	起子吊環	1	38	GP30351	STEEL BALLS	跳脫鋼珠	2
4	CC50012	TRIGGER ASSEMBLY	手按開關半成品	1	39	GU30361	STOP PILOT	停止用酒杯	1
	CC50013	TRIGGER ASSEMBLY (ESD)	手按開關半成品 (ESD)	1	40	GP30371	STELL BALLS 3.15mm (A,C,D)	酒杯鋼珠3.15mm(A,C,D)	2
5	CB50033	HOUSUNG-UNDERSIDE	外殼下蓋	1		GP30351	STELL BALLS 4mm (B)	酒杯鋼珠4mm(B)	2
	CB50035	HOUSUNG-UNDERSIDE (ESD)	外殼下蓋(ESD)	1	41	GD30381A	SHAFT FOR "A" TYPE	傳動軸(A頭)	1
6	CA50223	HOUSUNG-UPSIDE	外殼上蓋	1		GD30381B	SHAFT FOR "B" TYPE	傳動軸(B頭)	1
	CA50225	HOUSUNG-UPSIDE (ESD)	外殼上蓋 (ESD)	1		GD30381C	SHAFT FOR "C" TYPE	傳動軸(C頭)	1
7	HB50073	START SWITCH	啟動開關	1		GD30381D	SHAFT FOR "D" TYPE	傳動軸(D頭)	1
8	CH30003	SCREW	螺絲	1		GD30383AD	SHAFT FOR "AD" TYPE	傳動軸(AD頭)	1
9	CE50121	PUSH ROD	推桿半成品	1	42	GP20331	STEEL BALLS FOR "A,D" TYPE(2mm)	起子頭帽鋼珠(A&D用)	2
10	CE50151	FIXTURE	三合一固定片	1		GP21291B	STEEL BALLS FOR "B,C" TYPE(2.5mm)	起子頭帽鋼珠(B&C用)	2
11	H10201	SHUT OFF SWITCH	剎車開關	1	43	GF30401	WARING PLATE FOR "A,C,D" TYPE	扭力推盤(A,C,D用)	1
12	H10101-1	CHANGEOVER SWITCH	正反開關	1		GF30401B	WARING PLATE FOR "B" TYPE	扭力推盤(B用)	1
13	CI33211-2	CHANGEOVER SWITCH CAP	正反開關帽蓋	1	44	GO30541	SPRING	兩段式小彈簧	1
14	CH90151-1	SCREW	螺絲	2	45	GO30531	SPRING CAP	彈簧蓋	1
15	CH20102	SCREW	螺絲	3	46	GE30411-9	WARING SPRING FOR "C5300LFA,C,D"	扭力彈簧(C5300LFA,C,D)	1
16	MO50111-2	MOTOR ASSEMBLY	馬達成品	1		GE30411-14	WARING SPRING FOR "C5300LFB"	扭力彈簧(C5300LFB)	1
17	MI30511	PILOT ROD	開關引導棒	1	47	GY30421	WARING SPRING BASE FOR "A,C,D" TYPE	止推盤 (A,C,D)	1
18	MD20151	BRUSH CAP	碳刷蓋	2		GY30421B	WARING SPRING BASE FOR "B" TYPE	止推盤(B)	1
19	MC50161-1	CAPBON BRUSH	碳刷	2	48	GK20231B	"C"-RING FOR GY30421B (LB)	傳動軸固定C環(LB)	1
20	ML50571-3	MOTOR TOP COVER	碳刷座半成品	1	49	GB30441-12A	CLUTCH CASE (A,C,D)	下離合器筒 (A,C,D)	1
21	ME21481	BALL BEARING	軸承	2		GB30441-1A	CLUTCH CASE (B)	下離合器筒(B)	1
22	MH50601-5	ARMATURE	電樞	1	50	GO20391	BIT SPRING FOR "A,C,D" TYPE	起子頭帽彈簧(A,C,D)	1
23	MJ33631	MOTOR YOKE ASSEMBLY	鐵圈連磁鐵	1		GO20391B	BIT SPRING FOR "B" TYPE	起子頭帽彈簧(B)	1
24	MB20221-1	MOTOR END COVER	馬達前蓋	1	51	GJ30461	BIT SLEEVE FOR "A,C,D" TYPE	起子頭帽 (A,C,D)	1
25	MA33621B	ASSEMBLING SPRING	馬達固定片	2		GJ3046B	BIT SLEEVE FOR "B" TYPE	起子頭帽(B)	1
26	MK33091LF	FAN	風扇	1	52	GQ30471	"C" RING (A,C,D)	起子頭帽C環 (A,C,D)	1
27	MG30081-1	PILOT ROD	陶瓷棒	1		GQ21361	"C" RING (B)	起子頭帽C環(B)	1
28	GZ50071-3AF	CLUTCH ASSEMBLY FOR C5300LFA	離合器整組 C5300LFA	1	53	GL30481-1	TORQUE ADJUST PIN	扭力調整棒	4
	GZ50071-3BF	CLUTCH ASSEMBLY FOR C5300LFB	離合器整組 C5300LFB	1	54	GM30491	TORQUE ADJUST RING	扭力調整環	1
	GZ50071-3CF	CLUTCH ASSEMBLY FOR C5300LFC	離合器整組 C5300LFC	1	55	GS30501	"C" RING FOR GM30491	扭力環C環	1
	GZ50071-3DF	CLUTCH ASSEMBLY FOR C5300LFD	離合器整組 C5300LFD	1	56	CD20111-1	COUPLER	外殼前鎖環	1
	GZ50073-4ADF	CLUTCH ASSEMBLY FOR C5300LFAD	離合器整組 C5300LFAD	1		CD20111-2	COUPLER ESD	外殼前鎖環 ESD	1
29	MI30241	PILOT ROD FOR"A,C,D"TYPE	開關引導棒 (A,C,D)	1	57	CH30673C	GROUNDING MEANS	接地線	1
	MI30241-1	PILOT ROD FOR"B"TYPE	開關引導棒 (B)	1	58	CH20102-18	WASHER	華司	1
30	GK20231	"C" RING	齒輪固定C環	1	59	CH30192	SCREW	螺絲	1
31	GI20251-1	IRON WASHER	齒輪固定片	1	60	EB33610-2	CERAMICS CAPACITOR	陶瓷電容	1
32	G21302	SPACER	快速墊圈	1	61	CK28031-1	TRIGGER SPRING	壓板彈簧	1
33	GH20241-1	IDLE GEAR	游星齒輪	3	62	GN30435	MAIN BEARING	離合器主軸承	1
34	GG20271-1	GEAR SEAT	快速齒盤	1					

Torque Adjustment Operation

To adjust the torque on these screwdrivers. Proceed as follows :

1. Determine the torque output of the tool by checking a tightened Fastener with a torque wrench.
2. Increase or decrease the torque by rotating the Spring Adjusting Ring. Rotating the Ring clockwise to a higher number on the torque Scale increase torque output while rotating the Ring counterclockwise to a lower number decreases the torque output.
3. Check the adjustment with a torque wrench. A number of factors will affect torque output from one job to another. Final torque adjustment should be made at the job through a of series of gradual increase. Always start below the desired torque and work upward.
4. Adjust the bit torque by changing the driving in length of the adjust ring at the end.
5. The relationship between torque scale and bit torque is as shown Ring, in the torque diagram. The figures of torque scale do not indicate bit torque values. However, the clamping torque of screw itself is different form type, size, material of the screw and the material of its mating part. Use it as standard to obtain an appropriate clamping torque.
6. The (Return torque method) in which once-clamped screw is returned with torque wrench or the like is available as one of torque control methods however, note that the measured values by the return torque method generally appear in 10%~30% lower than the actually clamping torque.
7. The torque checker measures the torque of screwdriver. The clamping torque of screw itself is different from the clamped conditions. Understand the correlation between clamping torque values and the torque checker values perform the torque control properly.



CAUTION

1. Please read the operation manual before you use, and follow safety rules to operate the power controller.
2. The power controller must be used with original KILEWS 7-pin Electric Screwdrivers.
3. SKD-C Series electric screwdriver collocates with SKP-C32HL and additional functions, such as Slow Start, I/O, set up the counting function, etc. Please refer to SKP-C32HL operating instruction for more information
4. The protection program will be activated while changing the forward/backward switch during operation.
5. Also in reverse rotation, the clutch is turned off in such manner as in normal rotation, stopping the motor running. Accordingly, when the screw tightened at a large torque, set it to a higher torque scale.
6. The number from zero to eight on the Torque Scale are reference number only and not an indication of actual torque output.
7. The power supplier will generate low power when the button of the power controller is switched to "LO." Also, the electric screwdriver's torque output setting value should be adjusted to middle torsion value accordingly.
8. During Slow-Start running if any brake takes action, Counter still judge this action as an effective counting.

KILEWS INDUSTRIAL CO., LTD.
Description of Verification



1.A feel of rough and relief by touching.



2.The image “ ” can be visualized at the right viewing angle.



3.The hidden image of “**KILEWS**” can be observed from an oblique angle of 15 degree.

The Way to Verify

