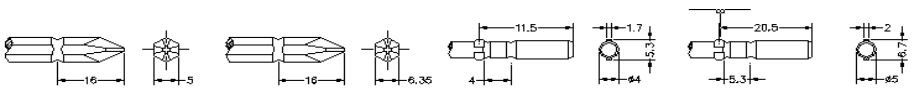
Specifications

MODEL		SKD-C5200P	SKD-C5300P	SKD-C5300PF
Input voltage(DC)		DC 20V OR 32V		
Rated input		48W		
Bit torque	(kgf.cm)	2~12	3~16	2~8
	(Lbf.in)	1.77~10.44	2.57~13.89	1.77~6.9
	(N.m)	0.2~1.18	0.29~1.57	0.2~0.78
Torque Accuracy (%)		±3%		
Torque Adjustment		Step less		
Rev speed at no load (R.p.m)	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		

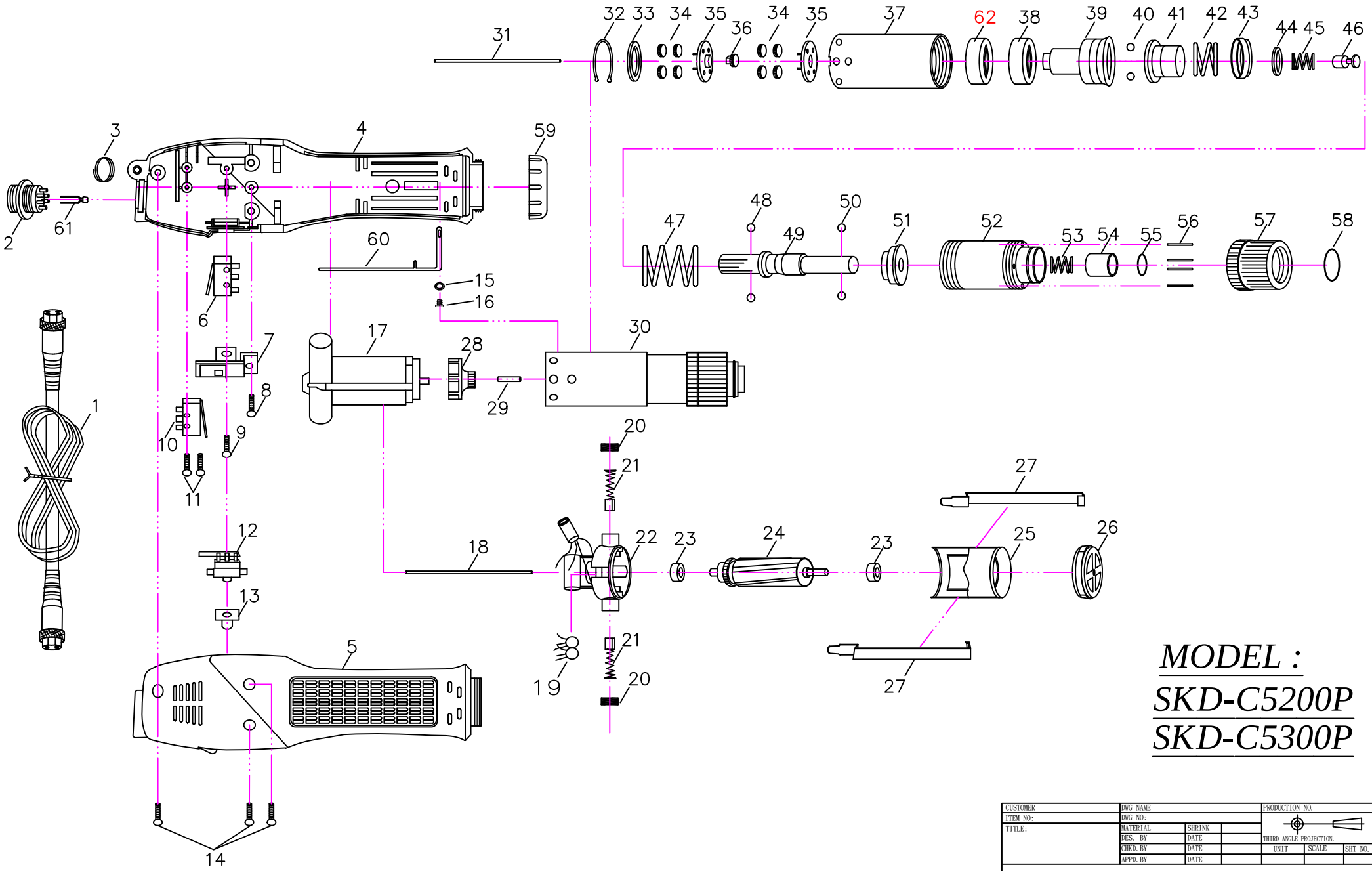
* 1N.m=10.2Kgf.cm 1N.m=8.85Lbf.in

Accessories

1. ＢＩＴ Type ： No. 00 ・・・ Bit use in dia 1.3~1.8mm screw
   No. 0・・・・ Bit use in dia 1.6~2.0mm screw
   No. 1・・・ ・Bit use in dia 2.0~2.6mm screw
   No. 2・・ ・・Bit use in dia 3.0~4.0mm screw

SKD-C5200P	with BIT	1# & 2#	1 Pce. Each
SKD-C5300P	with BIT	1# & 2#	1 Pce. Each
SKD-C5300PF	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.



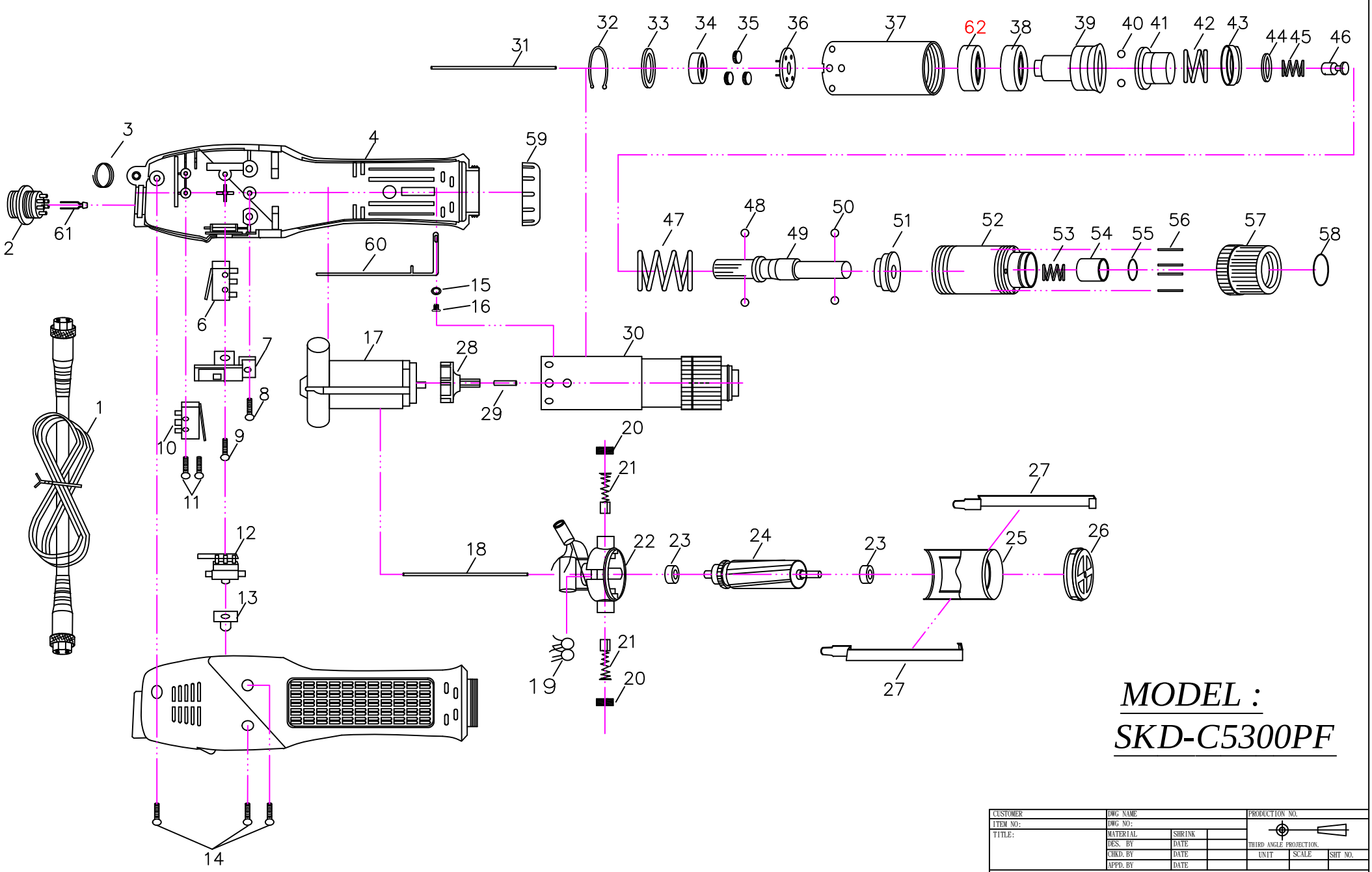
MODEL :

SKD-C5200P

SKD-C5300P

CUSTOMER	DWG NAME			PRODUCTION NO.	
ITEM NO:	DWG NO:				
TITLE:	MATERIAL	SHRINK			
	DES. BY	DATE		THIRD ANGLE PROJECTION.	
	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-E	Q'ty
1	AA50001-10	CORD ASSEMBLY 2M 7PIN	電源線 2M 7PIN	1	32	GK20231	"C" RING FOR CH20241	齒輪固定C環	1
2	PZ50160-3	CONNECTOR ASS'Y 7PIN	7芯插座	1	33	GI20251-1	IRON WASHER	齒輪固定片	1
3	CJ20011	SUSPENSION RING	起子吊環	1	34	GH20241	IDLE GEAR	游星齒輪	8
4	CB33405	HOUSUNG-UNDERSIDE (ORANGE/BLACK)	外殼下蓋(橙/黑)	1	35	GG20271	GEAR SEAT	齒盤	2
	CB33407	HOUSUNG-UNDERSIDE (ESD)	外殼下蓋(ESD)	1	36	G20101	CENTRAL GEAR	中心齒	1
5	CA33405	HOUSUNG-UPSIDE (ORANGE/BLACK)	外殼上蓋(橙/黑)	1	37	GA30311-7	GEAR CASE	上離合器筒	1
	CA33407	HOUSUNG-UPSIDE (ESD)	外殼上蓋(ESD)	1	38	GN30321	MAIN BEARING	離合器主軸承	1
6	H10201	START SWITCH	啟動開關	1	39	GX33319-4	SHAFT GUIDE FOR "C5200P"	上離合器頭(C5200P)	1
7	CE90101-1	SWITCH BASE	三合一開關	1		GX33318	SHAFT GUIDE FOR "C5300P"	上離合器頭(C5300P)	1
8	CH90121	SCREW	螺絲	1	40	GP30351	STEEL BALLS	跳脫鋼珠	2
9	CH90131	SCREW	螺絲	1	41	GF33317	WARING PLATE	扭力推盤	1
10	H10201	SHUT OFF SWITCH	剎車開關	1	42	GO30541	PRING FOR C5200P	兩段式小彈簧(C5200P)	1
11	CH90151-1	SCREW	螺絲	2		GO30541-2	PRING FOR C5300P	兩段式小彈簧(C5300P)	1
12	H10101-1	CHANGEOVER SWITCH	正反開關	1	43	GO30531	SPRING CAP	彈簧蓋	1
13	CI33211-2	CHANGEOVER SWITCH CAP FOR "C5200P"	正反開關帽蓋(C5200P)	1	44	GV33316	INNER SPRING CAP	下壓式彈簧蓋	1
	CI33211-3	CHANGEOVER SWITCH CAP FOR "C5300P"	正反開關帽蓋(C5300P)	1	45	GO33315-2	INNER SPRING FOR C5200P	下壓式內彈簧 C5200P	1
14	CH20102	SCREW	螺絲	3		GO33315	INNER SPRING FOR C5300P	下壓式內彈簧 C5300P	1
15	CH20102-18	WASHER	華司	1	46	GU30361	STOP PILOT	停止用酒杯	1
16	CH30192	SCREW	螺絲	1	47	GE30411-18	WRING SPRING FOR C5200P	扭力彈簧(C5200P)	1
17	MO50111	MOTOR ASSEMBLY FOR "C5200P"	馬達整組(C5200P)	1		GE30413-5	WRING SPRING FOR C5300P	扭力彈簧(C5300P)	1
	MO50111-1	MOTOR ASSEMBLY FOR "C5300P"	馬達整組(C5300P)	1	48	GP30371	STELL BALLS	酒杯鋼珠	2
18	MI33511-1	PILOT ROD FOR "SKD-5200P"	開關引導棒	1	49	GD33319D	SHAFT FOR "D" TYPE	傳動軸(D頭)	1
19	EB33610-2	CERAMICS CAPACITOR	陶瓷電容	2		GD33319A	SHAFT FOR "A" TYPE	傳動軸(A頭)	1
20	MD20151	BRUSH CAP	碳刷蓋	2		GD33319B	SHAFT FOR "B" TYPE	傳動軸(B頭)	1
21	MC71411-1	CARBON BRUSH	碳刷	2		GD33319C	SHAFT FOR "C" TYPE	傳動軸(C頭)	1
22	ML50571	MOTOR TOP COVER	碳刷座半成品	1		GD33319AD	SHAFT FOR "AD" TYPE	傳動軸(AD頭)	1
23	ME20181	BALL BEARING	軸承	2	50	GP20331	BIT PILOT FOR "A&D"	起子頭帽鋼珠(A&D用)	2
24	MH50601	ARMATURE FOR "C5200P"	電樞(C5200P)	1		GP21291B	BIT PILOT FOR "B&C"	起子頭帽鋼珠(B&C用)	2
	MH50601-1	ARMATURE FOR "C5300P"	電樞(C5300P)	1	51	GY33313	WRING SPRING BASE	止推盤	1
25	MJ50631	MOTOR YOKE ASSEMBLY FOR "C5200P"	鐵圈連磁鐵(C5200P)	1	52	GB20381-8	CLUTCH CASE FOR "A.C.D"TYPE	下離合器筒(A.C.D用)	1
	MJ30631	MOTOR YOKE ASSEMBLY FOR "C5300P"	鐵圈連磁鐵(C5300P)	1		GB20381-9	CLUTCH CASE FOR "B"TYPE	下離合器筒(B用)	1
26	MB20221	MOTOR END COVER	馬達前蓋	1	53	GO30452	BIT SPRING FOR C5200P C5300PA,C,D	起子頭帽彈簧 C5200P C5300PA,C,D	1
27	MA20211B	ASSEMBLING SPRING	馬達固定片	2		GO20391B-J	BIT SPRING FOR C5200PB	起子頭帽彈簧 C5200PB	1
28	MK20131-1	FAN	風扇	1		GO20391B	BIT SPRING FOR C5300PB	起子頭帽彈簧 C5300PB	1
29	MG30081	PILOT ROD	陶瓷棒	1	54	GJ30461	BIT SLEEVE FOR "A,C,D"	起子頭帽(A,C,D)	1
30	GZ33371-2A	CLUTCH ASSEMBLY FOR C5200PA	離合器整組 C5200PA	1		GJ3046B	BIT SLEEVE FOR "B"	起子頭帽(B)	1
	GZ33371-2B	CLUTCH ASSEMBLY FOR C5200PB	離合器整組 C5200PB	1	55	GQ30471	"C" RING FOR "A,C,D"	起子頭帽C環(A,C,D)	1
	GZ33371-2C	CLUTCH ASSEMBLY FOR C5200PC	離合器整組 C5200PC	1		GQ21361	"C" RING FOR "B"	起子頭帽C環(B)	1
	GZ33371-2D	CLUTCH ASSEMBLY FOR C5200PD	離合器整組 C5200PD	1	56	GL30481-1	TORQUE ADJUST PING	扭力調整棒	4
	GZ33371-2AD	CLUTCH ASSEMBLY FOR C5200PAD	離合器整組 C5200PAD	1	57	GM30491	TORQUE ADJUST RING	扭力調整環	1
	GZ33371-3A	CLUTCH ASSEMBLY FOR C5300PA	離合器整組 C5300PA	1	58	GS30501	"C"RING	扭力環C環	1
	GZ33371-3B	CLUTCH ASSEMBLY FOR C5300PB	離合器整組 C5300PB	1	59	CD20111-1	COUPLER	外殼前鎖環	1
	GZ33371-3C	CLUTCH ASSEMBLY FOR C5300PC	離合器整組 C5300PC	1		CD20111-2	COUPLER ESD	外殼前鎖環 ESD	1
	GZ33371-3D	CLUTCH ASSEMBLY FOR C5300PD	離合器整組 C5300PD	1	60	CH30673C	GROUNDING MEANS	接地線	1
	GZ33371-3AD	CLUTCH ASSEMBLY FOR C5300PAD	離合器整組 C5300PAD	1	61	E30403-1	CERAMICS CAPACITOR	陶瓷電容器 104/SEM	1
31	MI33241	PILOT ROD	開關引導棒	1	62	GN30435	MAIN BEARING	離合器主軸承	1



MODEL :

SKD-C5300PF

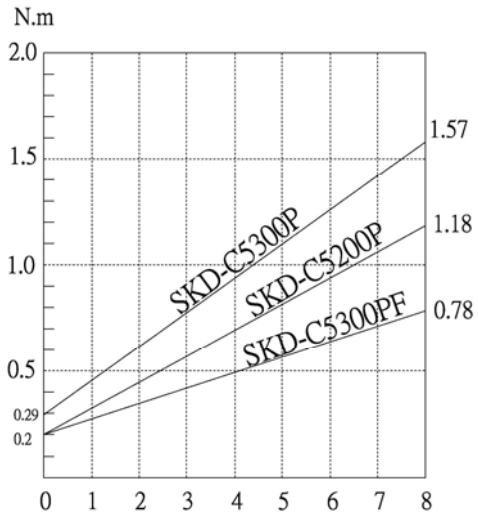
CUSTOMER	DWG NAME			PRODUCTION NO.	
ITEM NO:	DWG NO:				
TITLE:	MATERIAL	SHRINK		THIRD ANGLE PROJECTION.	
	DES. BY	DATE			
	CHKD. BY	DATE		UNIT	SCALE	SHT NO.
	APPD. BY	DATE			

NO	PARTS NO	PARTS NAME-E	PARTS NAME-C	Q'ty	NO	PARTS NO	PARTS NAME-E	PARTS NAME-E	Q'ty
1	AA50001-10	CORD ASSEMBLY 2M 7PIN	電源線 2M 7PIN	1	34	G21302	SPACER	快速墊圈	1
2	PZ50160-3	CONNECTOR ASS'Y 7PIN	7芯插座	1	35	GH20241-1	IDLE GEAR	游星齒輪	3
3	CJ20011	SUSPENSION RING	起子吊環	1	36	GG20271-1	GEAR SEAT	快速齒盤	1
4	CB33405	HOUSUNG-UNDERSIDE (ORANGE/BLACK)	外殼下蓋(橙/黑)	1	37	GA30311-8	GEAR CASE	上離合器筒	1
	CB33407	HOUSUNG-UNDERSIDE (ESD)	外殼下蓋(ESD)	1	38	GN30321	MAIN BEARING	離合器主軸承	1
5	CA33405	HOUSUNG-UPSIDE (ORANGE/BLACK)	外殼上蓋(橙/黑)	1	39	GX33319-4	SHAFT GUIDE	上離合器頭	1
	CA33407	HOUSUNG-UPSIDE (ESD)	外殼上蓋(ESD)	1	40	GP30351	STEEL BALLS	跳脫鋼珠	2
6	H10201	START SWITCH	啟動開關	1	41	GF33317	WARING PLATE	扭力推盤	1
7	CE90101-1	SWITCH BASE	三合一開關	1	42	GO30541	PRING	兩段式小彈簧	1
8	CH90121	SCREW	螺絲	1	43	GO30531	SPRING CAP	彈簧蓋	1
9	CH90131	SCREW	螺絲	1	44	GV33316	INNER SPRING CAP	下壓式彈簧蓋	1
10	H10201	SHUT OFF SWITCH	剎車開關	1	45	GO33315-2	INNER SPRING	下壓式內彈簧	1
11	CH90151-1	SCREW	螺絲	2	46	GU30361	STOP PILOT	停止用酒杯	1
12	H10101-1	CHANGEOVER SWITCH	正反開關	1	47	GE30411-18	WRING SPRING	扭力彈簧	1
13	CI33211-3	CHANGEOVER SWITCH CAP	正反開關帽蓋	1	48	GP30371	STELL BALLS	酒杯鋼珠	2
14	CH20102	SCREW	螺絲	3	49	GD33319A	SHAFT FOR "A" TYPE	傳動軸(A頭)	1
15	CH20102-18	WASHER	華司	1		GD33319B	SHAFT FOR "B" TYPE	傳動軸(B頭)	1
16	CH30192	SCREW	螺絲	1		GD33319C	SHAFT FOR "C" TYPE	傳動軸(C頭)	1
17	MO50111-2	MOTOR ASSEMBLY	馬達整組	1		GD33319D	SHAFT FOR "D" TYPE	傳動軸(D頭)	1
18	MI33511	PILOT ROD	開關引導棒	1		GD33319AD	SHAFT FOR "AD" TYPE	傳動軸(AD頭)	1
19	EB33610-2	CERAMICS CAPACITOR	陶瓷電容	2	50	GP20331	BIT PILOT FOR "A&D"	起子頭帽鋼珠(A&D用)	2
20	MD20151	BRUSH CAP	碳刷蓋	2		GP21291B	BIT PILOT FOR "B&C"	起子頭帽鋼珠(B&C用)	2
21	MC50161-1	CARBON BRUSH	碳刷	2	51	GY33313	WRING SPRING BASE	止推盤	1
22	ML50571-3	MOTOR TOP COVER	碳刷座半成品	1	52	GB20381-8	CLUTCH CASE FOR "A.C.D"TYPE	下離合器筒(A.C.D用)	1
23	ME21481	BALL BEARING	軸承	2		GB20381-9	CLUTCH CASE FOR "B"TYPE	下離合器筒(B用)	1
24	MH50601-5	ARMATURE	電樞	1	53	GO30452	BIT SPRING FOR A,C,D	起子頭帽彈簧 A,C,D	1
25	MJ33631	MOTOR YOKE ASSEMBLY	鐵圈連磁鐵	1		GO20391B-J	BIT SPRING FOR "B"	起子頭帽彈簧 B	1
26	MB20221-1	MOTOR END COVER	馬達前蓋	1	54	GJ30461	BIT SLEEVE FOR "A,C,D"	起子頭帽(A,C,D)	1
27	MA33621B	ASSEMBLING SPRING	馬達固定片	2		GJ3046B	BIT SLEEVE FOR "B"	起子頭帽(B)	1
28	MK33091LF	FAN	風扇	1	55	GQ30471	"C" RING FOR "A,C,D"	起子頭帽C環(A,C,D)	1
29	MG30081-1	PILOT ROD	陶瓷棒	1		GQ21361	"C" RING FOR "B"	起子頭帽C環(B)	1
30	GZ33371-4AF	CLUTCH ASSEMBLY FOR C5300PFA	離合器整組 C5300PFA	1	56	GL30481-1	TORQUE ADJUST PING	扭力調整棒	4
	GZ33371-4BF	CLUTCH ASSEMBLY FOR C5300PFB	離合器整組 C5300PFB	1	57	GM30491	TORQUE ADJUST RING	扭力調整環	1
	GZ33371-4CF	CLUTCH ASSEMBLY FOR C5300PFC	離合器整組 C5300PFC	1	58	GS30501	"C"RING	扭力環C環	1
	GZ33371-4DF	CLUTCH ASSEMBLY FOR C5300PFD	離合器整組 C5300PFD	1	59	CD20111-1	COUPLER	外殼前鎖環	1
	GZ53373-4ADF	CLUTCH ASSEMBLY FOR C5300PFAD	離合器整組 C5300PFAD	1		CD20111-2	COUPLER ESD	外殼前鎖環 ESD	1
31	MI33241	PILOT ROD	開關引導棒	1	60	CH30673C	GROUNDING MEANS	接地線	1
32	GK20231	"C" RING FOR CH20241	齒輪固定C環	1	61	E30403-1	CERAMICS CAPACITOR	陶瓷電容器 104/SEM	1
33	GI20251-1	IRON WASHER	齒輪固定片	1	62	GN30435	MAIN BEARING	離合器主軸承	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.



CA

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

