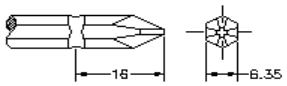
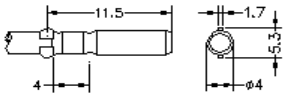
Specifications

MODEL		SKD-C2000L	SKD-C2200L	SKD-C2300L	SKD-C2000LS
Input voltage(DC)		DC 20V OR 32V			
Rated input		25W			
Bit torque	(kgf.cm)	0.2~3.5	0.5~7	1~10	0.2~3.5
	(Lbf.in)	0.18~3.01	0.44~6.10	0.89~8.67	0.18~3.01
	(N.m)	0.02~0.34	0.05~0.69	0.1~0.98	0.02~0.34
Torque Accuracy (%)		±3%			
Torque Adjustment		Step less			
Rev speed at no load (R.p.m)	HI	900	1000	700	670
	LO	700	700	490	470
Metal assembly screw	Machine screw(mm)	1.0~2.3	1.4~2.6	1.6~3.0	1.0~2.3
	Tapping screw(mm)	1.0~2.0	1.4~2.3	1.6~2.6	1.0~2.0
Weight (g)		270			
Length (mm)		205			
Model of Torque Fixing Ring		KC-4			
Power controller		SKP-C32HL			
Model of Suspension Rack		KH-4、(KC & KH-4)			
Bit Type		 HEX 6.35mm		 Ø4mm	

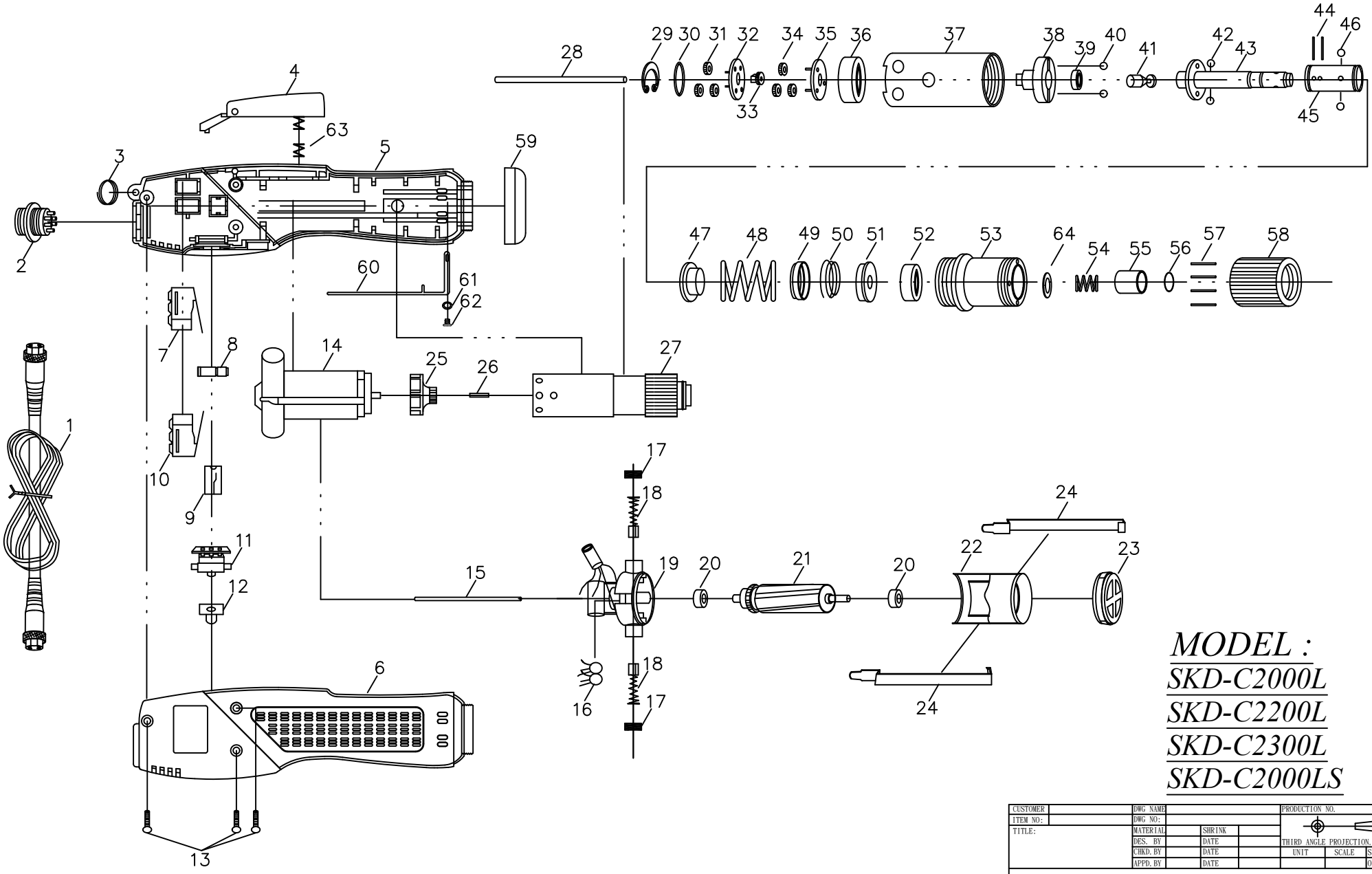
* 1N.m=10.2Kgf.cm 1N.m=8.85Lbf.in

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-C2000L	with BIT	M3	Ø4×40	00# & 0#	& 1#	1 Pce. Each
SKD-C2200L	with BIT	M3	Ø4×40	00# & 0#	& 1#	1 Pce. Each
SKD-C2300L	with BIT	M3	Ø4×40	1# & 2#		1 Pce. Each
SKD-C2000LS	with BIT	M3	Ø4×40	00# & 0#	& 1#	1 Pce. Each

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



MODEL :

SKD-C2000L

SKD-C2200L

SKD-C2300L

SKD-C2000LS

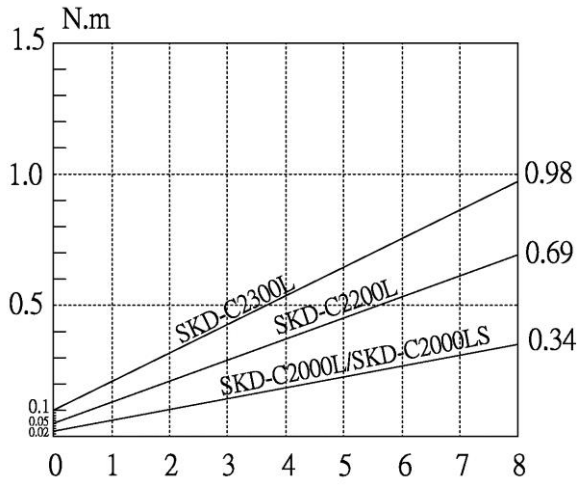
CUSTOMER		DWG NAME			PRODUCTION NO.		
ITEM NO:		DWG NO:					
TITLE:		MATERIAL		SHRINK			
		DES. BY		DATE	THIRD ANGLE PROJECTION.		
		CHKD. BY		DATE	UNIT	SCALE	SHT NO.
		APPD. BY		DATE			OF SHTS.

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	電源線 2M	1		GH28191-6	IDLE GEAR FOR "C2300L&C2000LS"	游星齒輪(C2300L&C2000LS)	3
2	PZ50160-3	CONNECTOR ASS'Y	7芯插座	1	32	GG28211	GEAR SEAT"C2000L&C2200L"	上齒盤(C2000L&C2200L)	1
3	CJ20011	SUSPENSION RING	起子吊環	1		G21507	GEAR SEAT FOR "C2300L&C2000LS	上齒盤(C2300L&C2000LS)	1
4	CC28022	TRIGGER ASSEMBLY	手按開關半成品	1	33	M11308	CENTRAL GEAR FOR "C2000L&C2200L"	中心齒(C2000L&C2200L)	1
	CC28023	TRIGGER ASSEMBLY (ESD)	手按開關半成品 (ESD)	1		G20103	CENTRAL GEAR FOR "C2300L&C2000LS	中心齒(C2300L&C2000LS)	1
5	CB28003	HOUSING-UNDERSIDE	下蓋	1	34	GH28191	IDLE GEAR FOR "C2000L&C2200L"	游星齒輪(C2000L&C2200L)	3
	CB28005	HOUSING-UNDERSIDE (ESD)	下蓋 (ESD)	1		GH28191-1	IDLE GEAR FOR "C2300L&C2000LS"	游星齒輪(C2300L&C2000LS)	3
6	CA28153	HOUSING-UPSIDE	上蓋	1	35	GG28211	GEAR SEAT FOR "C2000L&C2200L"	下齒盤(C2000L&C2200L)	1
	CA28155	HOUSING-UPSIDE (ESD)	上蓋 (ESD)	1		GG28211-1	GEAR SEAT FOR "C2300L&C2000LS	下齒盤(C2300L&C2000LS)	1
7	HB50061	START SWITCH	啟動開關	1	36	GN28221	MAIN BEARING	離合器主軸承	1
8	CE28051-1	PUSH ROD	推桿半成品	1	37	GA28231-3	GEAR CASE	上離合器筒	1
9	CE28061	FIXTURE	三合一固定片	1	38	GC28241-2	CAM FOR"C2000L&C2000LS"	上離合器頭(C2000L&C2000LS)	1
10	H10201	SHUT OFF SWITCH	剎車開關	1		GC28241-1	CAM FOR "C2200L"	上離合器頭(C2200L)	1
11	H10101-1	CHANGEOVER SWITCH	正反開關	1		GC28241	CAM FOR "C2300L"	上離合器頭(C2300L)	1
12	CI30211	CHANGEOVER SWITCH CAP-C2000L,C2000LS	正反開關帽蓋-C2000L,C2000LS	1	39	GN28251	BALL BEARING	軸承	1
	CI30212	CHANGEOVER SWITCH CAP-C2200L	正反開關帽蓋(C2200L)	1	40	GP30371	STEEL BALLS "3.15mm"	跳脫鋼珠 (3.15mm)	2
	CI33211-3	CHANGEOVER SWITCH CAP-C2300L	正反開關帽蓋(C2300L)	1	41	GU28261-1	STOP PILOT	停止用酒杯	1
13	CH20102	SCREW	螺絲	3	42	GP21291A	STELL BALLS for 3mm	酒杯鋼珠(3mm)	2
14	MO28081-0	MOTOR ASSEMBLY FOR "C2000L"	馬達整組(C2000L)	1	43	GD28281C-1	SHAFT FOR "2000LC/2200LC/2300LC" TYPE	傳動軸(2000LC/2200LC/2300LC)	1
	MO28081-2	MOTOR ASSEMBLY FOR "C2200L"	馬達整組(C2200L)	1		GD28281B	SHAFT FOR "B" TYPE	傳動軸(B頭)	1
	MO28081-1	MOTOR ASSEMBLY FOR "C2300L&C2000LS"	馬達整組(C2300L&C2000LS)	1	44	G21203	PINS FOR GT28282B	插梢(LB)	2
15	MI30511-2	PILOT ROD	開關引導棒	1	45	GT28282B	BIT HOLDER(B:6.35)	起子頭(LB)	2
16	EB33610-2	CERAMICS CAPACITOR	陶瓷電容	2	46	GP20331	BIT PILOT FOR "C"TYPE 2mm	起子頭帽鋼珠(C)(2mm)	1
17	MD20151	BRUSH CAP	碳刷蓋	2		GP21291B	BIT PILOT FOR "B"TYPE 2.5mm	起子頭帽鋼珠(B)(2.5mm)	2
18	MC50161-1	CARBON	碳刷	2	47	GF28291	WARING PLATE TYPE	扭力推盤	2
19	ML28131F	MOTOR TOP COVER	碳刷座半成品	1	48	GE28321	WARING SPRING FOR "C2000L&C2000LS"	扭力彈簧(C2000L&C2000LS)	1
20	ME28121	BALL BEARING	軸承	2		GE28321-3	WARING SPRING FOR C2200L	扭力彈簧(C2200L)	1
21	MH28161-1	ARMATURE FOR "C2000L"	電樞(C2000L)	1		GE28321-8	WARING SPRING FOR C2300L	扭力彈簧(C2300L)	1
	MH28161-2	ARMATURE FOR "C2200L"	電樞(C2200L)	1	49	GO28241	SPRING CUP	彈簧杯	1
	MH28161-7	ARMATURE FOR "C2300L&C2000LS"	電樞(C2300L&C2000LS)	1	50	GO28251	TRIANGLE SPRING-C2000L,C2200L,C2000LS	三角彈簧-C2000L,C2200L,C2000LS	1
22	MJ28171-1	MOTOR YOKE ASSEMBLY FOR "C2000L"	鐵圈連磁鐵(C2000L)	1		GO28251-1	TRIANGLE SPRING-C2300L	三角彈簧-C2300L	1
	MJ28171-2	MOTOR YOKE ASSEMBLY-C2200L,C2300L,C2000LS	鐵圈連磁鐵-C2200L,C2300L,C2000LS	1	51	GY28331	WARING SPRING SEAT	止推盤	1
23	MB28141	MOTOR END COVER	馬達前蓋	1	52	GN28341-1	BALL BEARING	軸承	1
24	MA33621B	ASSEMBLING SPRING	馬達固定片	2	53	GB21332-1	CLUTCH CASE	下離合器筒	2
25	MK28091	FAN FOR C2000L& C2200L	風扇(C2000,C2200)	1	54	GO28361	BIT SPRING FOR "C"TYPE	起子頭帽彈簧(C)	1
	MK28091-1	FAN FOR C2300L&C2000LS	風扇(C2300,2000LS)	1		GO28361-1	BIT SPRING FOR "B"TYPE	起子頭帽彈簧(B)	1
26	MG30081	PILOT ROD	陶瓷棒	1	55	GJ28371	BIT SLEEVE FOR "C"TYPE	起子頭帽(C)	1
27	GZ28111-1C	CLUTCH ASSEMBLY FOR "C2000LC"	離合器整組 (C2000LC)	1		GJ3046B	BIT SLEEVE FOR "B"TYPE	起子頭帽(B)	1
	GZ28111-1B	CLUTCH ASSEMBLY FOR "C2000LB"	離合器整組 (C2000LB)	1	56	GQ28411	C-RING FOR "C"TYPE	起子頭帽C環(C)	1
	GZ28111-2C	CLUTCH ASSEMBLY FOR "C2200LC"	離合器整組 (C2200LC)	1		GQ21361	C-RING FOR "B"TYPE	起子頭帽C環(B)	1
	GZ28111-2B	CLUTCH ASSEMBLY FOR "C2200LB"	離合器整組 (C2200LB)	1	57	GL28381	TORQUE ADJUSTING PINS	扭力調整棒	4
	GZ28111-3C	CLUTCH ASSEMBLY FOR "C2300LC"	離合器整組 (C2300LC)	1	58	GM28391	TORQUE ADJUSTING RING	扭力調整環	1
	GZ28111-3B	CLUTCH ASSEMBLY FOR "C2300LB"	離合器整組 (C2300LB)	1	59	CD28043	COUPLER	前鎖環	1
	GZ28111-1CS	CLUTCH ASSEMBLY FOR "C2000LSC"	離合器整組 (C2000LSC)	1		CD28043-1	COUPLER (ESD)	前鎖環 (ESD)	1
	GZ28111-1BS	CLUTCH ASSEMBLY FOR "C2000LSB"	離合器整組 (C2000LSB)	1	60	CH50671-3	GROUNDING MEANS	接地線	1
28	MI28101-1	PILOT ROD	開關引導棒	1	61	CH20102-18	WASHER	華司	1
29	GK28181-1	"C" RING	齒輪固定C環	1	62	CH30192	SCREW	地線螺絲	1
30	GI28441	IRON WASHER	齒輪固定片	1	63	CK28031	TRIGGER SPRING	壓板彈簧	1
31	GH28191-2	IDLE GEAR FOR "C2000L&C2200L"	游星齒輪(C2000L&C2200L)	3	64	G21436-1	WASHER FOR "C"TYPE	起子頭帽彈簧墊片(C)	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.