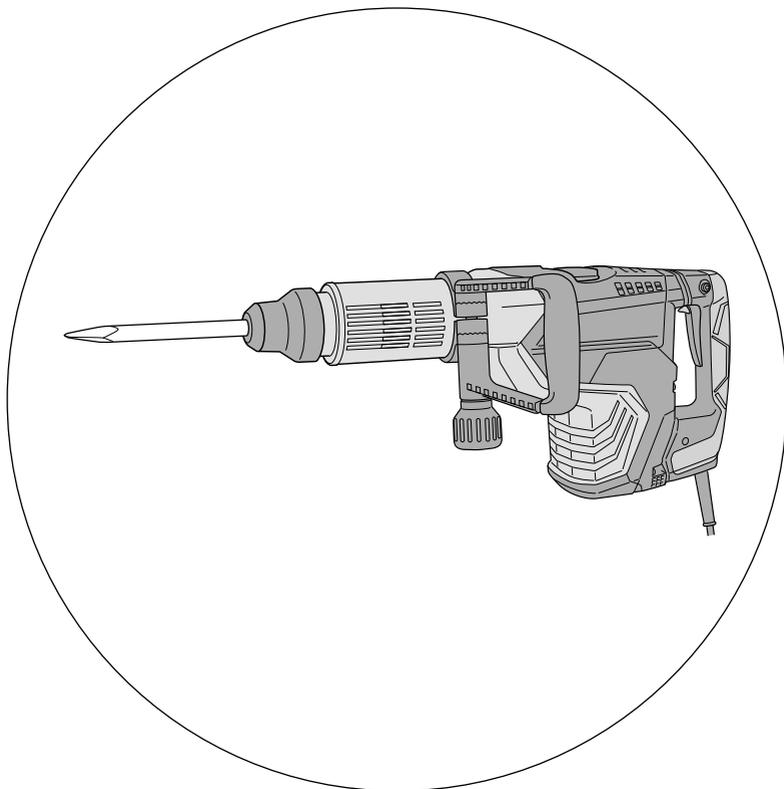


# HiKOKI

电镐

Demolition Hammer

**H 60ME • H 60MEY**



保留备用

Keep for future reference



使用说明书

Handling instructions



## 目次

电动工具通用安全警告.....	2	用途.....	6
使用电镐注意事项.....	4	作业之前.....	6
其它安全警告.....	4	使用方法.....	9
符号.....	5	更换润滑油.....	10
规格.....	5	维护和检查.....	11
标准附件.....	5	维修零部件一览表.....	12
选购附件（分开销售）.....	6		

## 电动工具通用安全警告

### ⚠ 警告！

阅读所有警告和所有说明。

不遵照以下警告和说明会导致电击、着火和 / 或严重伤害。

保存所有警告和说明书以备查阅。

在所有下列的警告中术语“电动工具”指市电驱动(有线)电动工具或电池驱动(无线)电动工具。

#### 1) 工作场地的安全

a) 保持工作场地清洁和明亮。

混乱和黑暗的场地会引发事故。

b) 不要在易爆环境，如有易燃液体、气体或粉尘的环境下操作电动工具。

电动工具产生的火花会点燃粉尘或气体。

c) 让儿童和旁观者离开后操作电动工具。

注意力不集中会使操作者失去对工具的控制。

#### 2) 电气安全

a) 电动工具插头必须与插座相配。绝不能以任何方式改装插头。需接地的电动工具不能使用任何转换插头。

未经改装的插头和相配的插座将减少电击危险。

b) 避免人体接触接地表面，如管道、散热片和冰箱。

如果你身体接地会增加电击危险。

c) 不得将电动工具暴露在雨中或潮湿环境中。

水进入电动工具将增加电击危险。

d) 不得滥用电线。绝不能用电线搬运、拉动电动工具或拔出其插头。使电线远离热源、油、锐边或运动部件。

受损或缠绕的软线会增加电击危险。

e) 当在户外使用电动工具时，使用适合户外使用的外接软线。

适合户外使用的软线将减少电击危险。

- f) 如果在潮湿环境下操作电动工具是不可避免的，应使用剩余电流动作保护器（RCD）。  
使用RCD可减小电击危险。

### 3) 人身安全

- a) 保持警觉，当操作电动工具时关注所从事的操作并保持清醒。当你感到疲倦，或在有药物、酒精或治疗反应时，不要操作电动工具。  
在操作电动工具时瞬间的疏忽会导致严重人身伤害。
- b) 使用个人防护装置。始终佩戴护目镜。  
安全装置，诸如适当条件下使用防尘面具、防滑安全鞋、安全帽、听力防护等装置能减少人身伤害。
- c) 防止意外起动。确保开关在连接电源和 / 或电池盒、拿起或搬运工具时处于关断位置。  
手指放在已接通电源的开关上或开关处于接通时插入插头可能会导致危险。
- d) 在电动工具接通之前，拿掉所有调节钥匙或扳手。  
遗留在电动工具旋转零件上的扳手或钥匙会导致人身伤害。
- e) 手不要伸展得太长。时刻注意立足点和身体平衡。  
这样在意外情况下能很好地控制电动工具。
- f) 着装适当。不要穿宽松衣服或佩戴饰品。让衣服、手套和头发远离运动部件。  
宽松衣服、佩饰或长发可能会卷入运动部件中。
- g) 如果提供了与排屑、集尘设备连接用的装置，要确保它们连接完好且使用得当。  
使用这些装置可减少尘屑引起的危险。

### 4) 电动工具使用和注意事项

- a) 不要滥用电动工具，根据用途使用适当的电动工具。  
选用适当设计的电动工具会使你工作更有效、更安全。
- b) 如果开关不能接通或关断工具电源，则不能使用该电动工具。  
不能用开关来控制的电动工具是危险的且必须进行修理。
- c) 在进行任何调节、更换附件或贮存电动工具之前，必须从电源上拔掉插头和 / 或使电池盒与工具脱开。  
这种防护性措施将减少工具意外起动的危险。
- d) 将闲置不用的电动工具贮存在儿童所及范围之外，并且不要让不熟悉电动工具或对这些说明不了解的人操作电动工具。  
电动工具在未经培训的用户手中是危险的。
- e) 保养电动工具。检查运动件是否调整到位或卡住，检查零件破损情况和影响电动工具运行的其他状况。如有损坏，电动工具应在使用前修理好。  
许多事故由维护不良的电动工具引发。
- f) 保持切削刀具锋利和清洁。  
保养良好的有锋利切削刃的刀具不易卡住而且容易控制。

## 中文

- g) 按照使用说明书，考虑作业条件和进行的作业来使用电动工具、附件和工具的刀头等。

将电动工具用于那些与其用途不符的操作可能会导致危险。

### 5) 维修

- a) 将你的电动工具送交专业维修人员，使用同样的备件进行修理。  
这样将确保所维修的电动工具的安全性。

## 注意！

不可让儿童和体弱人士靠近工作场所。

应将不使用的工具存放在儿童和体弱人士接触不到的地方。

## 使用电镐注意事项

1. 请佩戴护耳罩。  
暴露在噪声中会引起听力损伤。
2. 如果随工具提供辅助手柄，请使用。  
操作失手会引起人身伤害。
3. 当在切削附件有可能碰到暗线或自身电线的场所进行操作时，只能通过绝缘握持面来握住电动工具。  
切削附件碰到带电导线可能会使电动工具的外露金属零件带电并使操作者发生电击危险。

## 其它安全警告

1. 确认所使用的电源与产品铭牌上标示的功率要求相符。
  2. 确认电源开关已切断。  
若电源开关接通，则插头连接到电源插座时，电动工具将出其不意地立刻转动，从而导致严重事故。
  3. 当作业区域距离电源较远时，使用足够厚度和额定功率的延伸线缆。延伸线缆应尽可能短。
  4. 作业之后的钻头仍处在高热状态下，切不可摸触，以免灼伤。
  5. 对墙壁、天花板和地板进行粉碎或剥离时，应彻底查明里面是否敷设电缆或导管。
  6. 开始作业时，请确认螺钉已拧紧。
  7. 在很高的位置作业时，请注意下方的物品和人员。
  8. 请穿好防护鞋，保护脚部。
  9. 佩戴防尘口罩  
请勿吸入钻凿作业中产生的有害粉尘。粉尘会危机到自身和旁观者的身体健康。
  10. 安装工具
- 为避免意外事故，请务必关闭开关并拔下电源插头。

- 当使用尖钻头及刀具等工具时，请务必使用本公司指定的纯正部件。
- 擦净尖钻头的柄。然后用润滑油或机油涂抹柄部分。
- 11. 电机旋转时，即使按下冲击率选择器开关也无法更改冲击率。若要更改速度，请首先将工具关闭。
- 12. 操作中务必紧握手柄和侧柄。  
操作中请勿用夹持器握持。如果拉错，尖钻头可能会跳出。
- 13. RCD  
推荐始终使用额定剩余电流为 30mA 以下的剩余电流动作保护器。

## 符号

### 警告！

如下所示的符号用于本机。使用前请务必理解其含意。

	为降低伤害风险，用户必须阅读使用说明书	n	满载速度
V	额定电压	--S/--S	运行时间 / 停机时间
A	电流	---/min	每分钟转动次数
W	瓦		二类工具

## 规格

型式	H60ME	H60MEY
电压	220 V ~	
输入功率	1500 W	
满载锤击率	1500 - 2100 /min	
重量	11.6 kg	12.2 kg

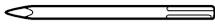
## 标准附件

除了主机（1 台）外，产品包中还包括表中所列的附件。

塑料盒		1
尖钻头 (SDS 最大柄)		1
侧柄		1

## 选购附件（分开销售）

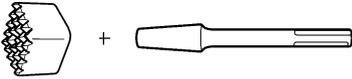
- 粉碎头



- (1) 尖钻头

总长：280, 400 mm

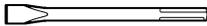
- 表面粗加工头



- (1) 套筒

- (2) 柄

- 开槽和饰边



- (1) 冷钻

总长：280, 400 mm

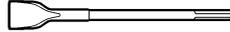
- 电镐润滑油 A

500g（罐装）

70g（管装）

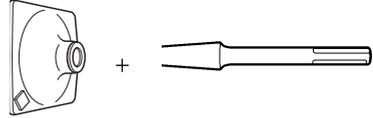
30g（管装）

- 沥青刮刀



- (1) 刀具

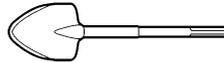
- 夯具



- (1) 撞锤

- (2) 柄

- 铲子



- (1) 铲子

## 用途

混凝土粉碎、混凝土切削、开槽、棒切割与打桩。

应用例：

装配管道、敷设线缆、卫生设备安装、机械安装、给排水设施建设、室内装修、港口设施建设、其它土木工程施工。

## 作业之前

1. 电源

确认所使用的电源与工具铭牌上标示的规格是否相符。

2. 电源开关

确认电源开关是否切断。若电源开关接通，则插头插入电源插座时电动工具将出其不意地立刻转动，从而招致严重事故。

3. 延伸线缆

若作业场所移到离开电源的地点，应使用容量足够、铠装合适的延伸线缆。延伸线缆要尽可能地短些。

## 4. 检查插座

如果插头插入插座后非常松动，就必须对插座进行修理。

联系持证电工，进行妥善修理。

如果使用这样的问题插座，可能会引起过热现象，进而造成严重危害。

## 5. 确认环境条件

确认工作场所条件合适，且符合规定的预防措施。

## 6. 如何安装工具

**注意！**

使用尖钻头工具时，请务必使用HiKOKI公司的纯正部件。

## (1) 擦净工具柄。

(2) 如图 1 所示，要安装工具（五槽圆柄）时，将它插入孔内直至其抵达孔底。

如果继续轻轻转动工具，您可感觉到有钩处。在

此位置，将夹持器推向箭头标记方向并将工具完全插入，直至其抵达尽头。

松开夹持器，使夹持器恢复原来的状态，并将工具固定在相应位置。

(3) 拉动工具以确认它已被完全锁定。

(4) 要卸下工具时，按箭头方向尽量拉动夹持器并拉出工具。

## 7. 确定工具的工作位置。

本工具每次可转动 30 度，并可被固定于 12 级的位置。

(1) 将选择杆的 ▲ 对准曲柄盖的 ◎，可以随意改变刀刃角度，如图 2 所示。

(2) 如图 3 所示，转动夹持器或工具并将工具固定在所需的作业方向。

(3) 如图 4 所示，将选择杆切换至“锤击 T”，确认已卡紧。

**注：**

转动选择杆以查看它是否完全锁定并确认它不会转动。

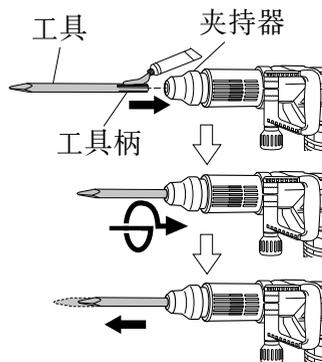


图 1

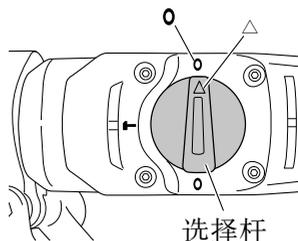


图 2

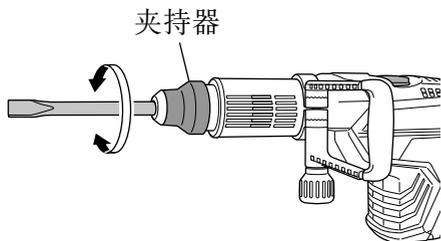


图 3

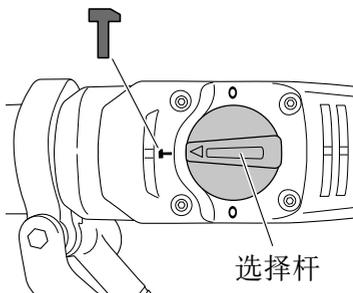


图 4

# 中文

## 8. 拆除工具

如图 5 所示，向Ⓐ的方向滑动夹持器并拉出工具。

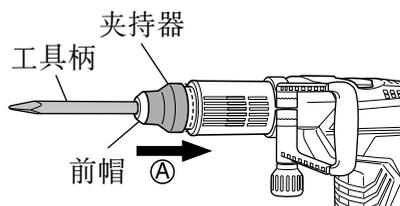


图 5

## 注意！

操作中务必紧握手柄和侧柄。

操作中请勿握持夹持器。如果拉错，尖钻头可能会跳出。

## 9. 移动侧柄

可以将侧柄固定在任意所需位置；也可以沿前后方向 360 度固定在任意位置。

(1) 如图 6 所示，将夹持器旋至Ⓐ方向，松开手柄。



图 6

(2) 如图 7、图 8 和图 9 所示，将其调整至易于垂直（上下方向）操作的位置。

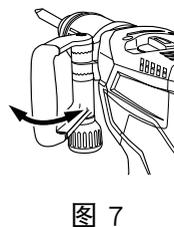


图 7

(3) 将夹持器旋至Ⓑ方向，固定手柄。



图 8

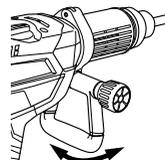


图 9

## 10. 电源指示灯

当电源线插入电源插座时，电源指示灯点亮。（图 10）



图 10

## 11. 校准锤击次数（图 11）

电镐配有内置的电子控制电路，可以调节并校准锤击次数。可根据具体的操作内容，如凿脆性材料、切削、定心等，通过调节冲击率选择器开关使用电镐。

如表 1 所示，按下冲击率选择器开关切换冲击率。

表 1

显示灯次序				
满负荷冲击速率 (/min)	1500	1700	1900	2100

## 注：

电机旋转时，即使按下冲击率选择器开关也无法更改冲击率。更改冲击率前，请关闭工具。



图 11

## 12. 有关保护功能

本工具具有内置的保护电路，可防止设备在出现异常时受到损坏。根据异常情况的不同，显示灯会如表 2 所示闪烁并且设备会停止运转。在这种情况下，通过显示灯的闪烁确认故障并采取必要的措施以更正此故障。

表 2

显示灯闪烁	原因	解决方案
	内部温度已经超出设备指定的温度（温度上升保护功能）	关闭设备并让其冷却约 15 分钟至 30 分钟。温度下降时，请按下冲击率选择器开关进行恢复。
	工具上施加了过大的压力从而导致工具过负荷。（过负荷保护功能）	按下冲击率选择器开关进行恢复。尽量避免会在设备上施加过大压力的任务。
	① 由于装置连接至电压过高或者过低的电源，而导致工具无法启动或者关闭。 ② 由于装置的电源线在较短的时间间隔中插入拔出，产生电压信号读取错误，从而导致工具关闭。（电路保护功能）	① 将设备连接在名牌上指定的输入电压的电源上。按下冲击率选择器开关进行恢复。 ② 在插入拔出电源线的时候，预留 3 秒或以上的时间间隔。按下冲击率选择器开关进行恢复。
	传感器信号读取错误。（控制监控功能）	按下冲击率选择器开关进行恢复。如果错误持续出现，则可能需要进行维修。

注：  
如果在采取了所有必要的步骤排除故障后显示灯还是闪烁，则可能需要进行维修。如果问题依然存在，则请安排进行维修。

## 使用方法

- 把钻头的尖端放入底座孔内之后，打开开关。  
如果扳机已拉出并关闭，当松开扳机时，可以打开开关。  
如果在开关的扳机拉出时按下 ON-Lock 开关，即使手指从扳机上松开，开关仍然开着——这样便于连续操作。  
要关闭开关，再次拉动扳机，ON-Lock 开关分离。
- 利用机器的空机重量并以双手紧握住电镐，就能有效控制后续的反弹作用。  
要以适当的速度开始工作。用力过猛将会降低效率。

- 即使开关处于 ON（开启）位置、电机正在运转且锤头顶着拆除表面,电镐有时也可能不开始工作。在这些情况下,关闭开关,将锤头重新顶着拆除表面,然后开启和关闭开关。这应能使电镐开始工作。重复此过程几分钟,电镐将变热,此后切换到 ON-LOCK,电镐将工作。

### 注意！

长时间使用后,外壳会变热。  
因此,请小心不要烫伤手。

### 注意！

如果在电机旋转时切换选择杆,可能会引发事故。务请在马达完全停止转动的状态下切换选择杆。

- 加热（图 13）

在寒冷地区,本装置的润滑油润滑系统可能需要加热。  
使钻头前端触及混凝土表面,打开开关开始加热。注意,  
在听到钻击声后才使用本装置。

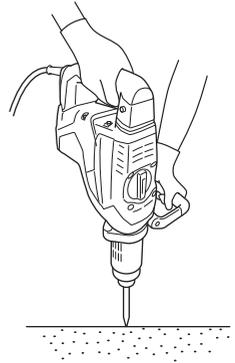


图 12

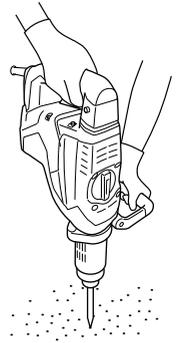


图 13

## 更换润滑油

该机具有全气密结构以防尘和润滑油漏失。

因此,即使长期不更换润滑油也能使用本机。请如下所述更换润滑油。

### 润滑油更换时间

购买本产品后,每 6 个月需要更换一次润滑油。在更换润滑油时,请离您最近的授权服务中心进行更换。

## 维护和检查

### 警告！

在维护和检查期间，一定要“切断”电源，并将插座上的插头拔掉。

#### 1. 工具检修

当使用变钝的工具时会可能使电动机出现故障并降低效率，因此发现磨损后就应立即更换或磨快工具。

#### 2. 检查安装螺钉

要经常检查安装螺钉是否紧固妥善。若发现螺钉松了，应立即重新扭紧，否则会导致严重的事故。

#### 3. 电动机的维护

电动机绕线是电动工具的“心脏部”应仔细检查有无损伤，是否被油液或水沾湿。

#### 4. 更换电源线

如果需要更换电源线，则必须由此代理的生产厂商进行操作，以免发生危险。

#### 5. 维修零部件一览表

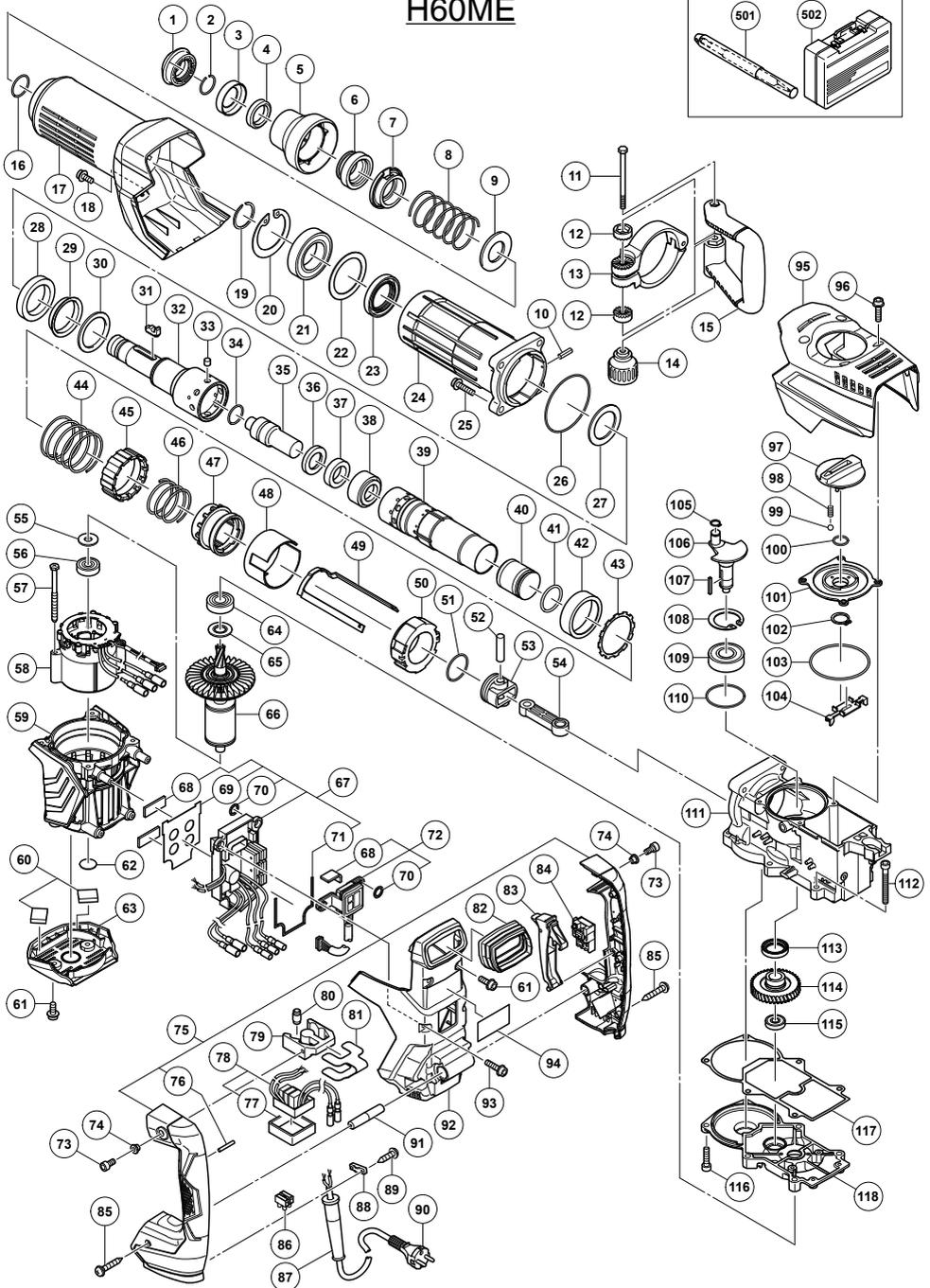
### 注意！

HiKOKI电动工具的修理、改动和检查工作必须由HiKOKI授权服务中心来做。

在请求进行修理或进行其他维护时，如果将所述维修零部件一览表与要修理的工具一同送到HiKOKI授权服务中心，将会很有帮助。在电动工具的操作和维护期间，必须遵守每个国家制定的安全条例和标准。

# 维修零部件一览表

## H60ME



项目号	零件名称	数量
1	前帽	1
2	止动环	1
3	固定垫圈	1
4	护圈避震器(A)	1
5	夹卡	1
6	钻头锁固定器	1
7	止推板	1
8	压紧弹簧	1
9	弹簧固定器(A)	1
10	滚销 D2×10 (10 颗)	1
11	螺栓 M8	1
12	手柄固定器(B)	2
13	手柄固定器	1
14	夹卡	1
15	侧把手	1
16	O 型环 (S-26)	1
17	汽缸盖	1
18	内六角螺栓 (附法兰) M5×12	1
19	扣环 D40	1
20	扣环 D68	1
21	滚珠轴承 6008DDUCM	1
22	轴承垫圈	1
23	油封 (NBR710)	1
24	汽缸箱	1
25	内六角螺栓 (附法兰) M8×35	4
26	O 型环 (C)	1
27	护圈避震器垫圈 (A)	1
28	护圈避震器 (B)	1
29	避震器轴套	1
30	护圈避震器垫圈	1
31	钻头锁	2
32	护圈轴套	1
33	滚针销 D8	8

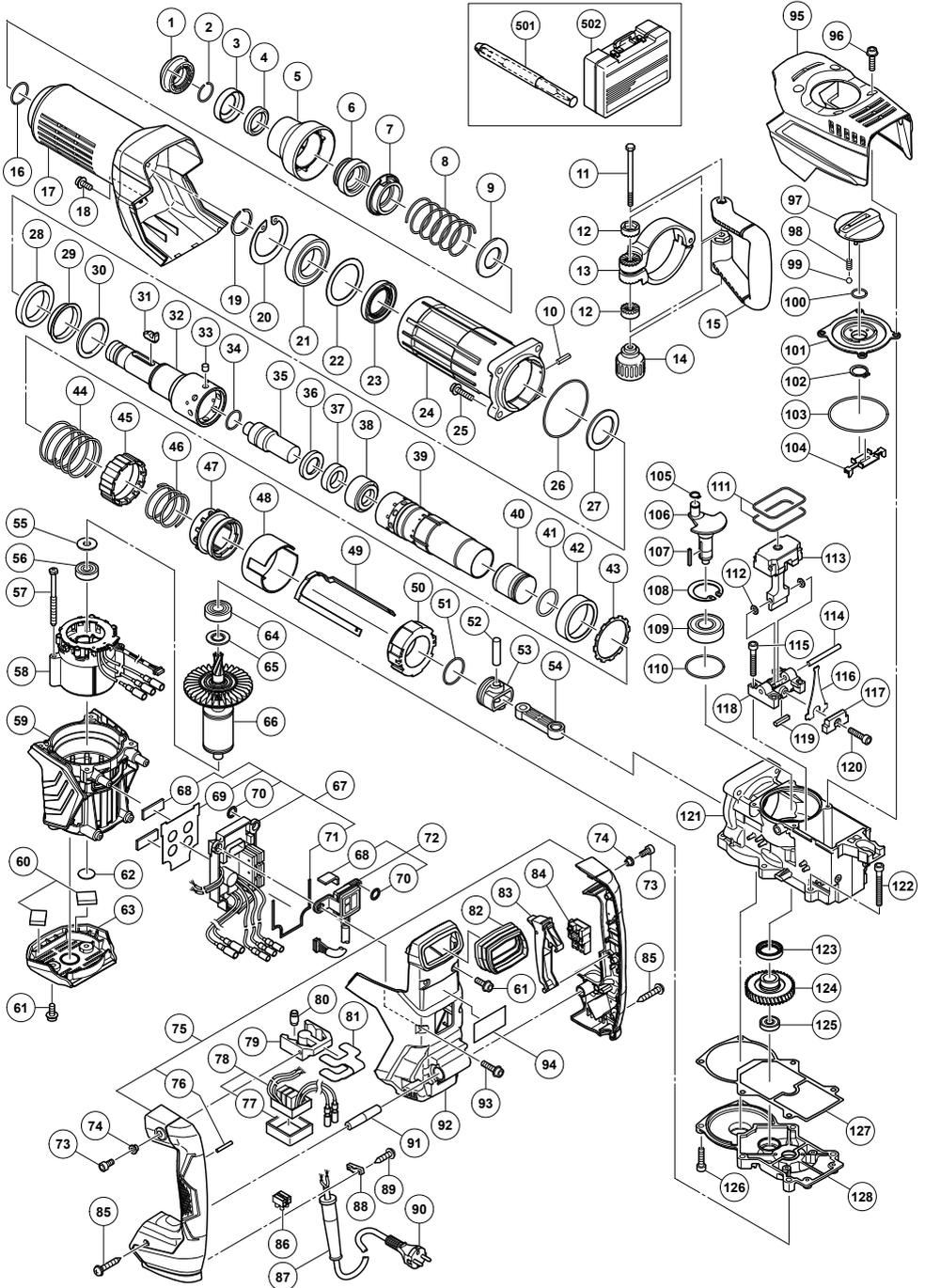
项目号	零件名称	数量
34	O 型环	1
35	第二锤头	1
36	避震器垫圈	1
37	避震器	1
38	避震器固定器	1
39	汽缸	1
40	击块	1
41	O 型环	1
42	弹簧固定器 (B)	1
43	锁簧垫圈	1
44	锁簧	1
45	锁轴套	1
46	离合器弹簧	1
47	离合器	1
48	轴套	1
49	滑块	1
50	金属 (A)	1
51	O 型环	1
52	柱塞销	1
53	柱塞	1
54	连杆	1
55	轴承垫圈	1
56	滚珠轴承 6201VVCMP2L	1
57	六角自攻螺丝 D5×60	2
58	定子传感器电路板套件 220V-240V	1
59	外罩	1
60	包装材料 (B)	2
61	内六角螺栓 (附法兰) M5×14	4
62	尘封	1
63	尾盖	1
64	滚珠轴承 6202DD	1
65	防尘垫圈 (B)	1
66	旋转器	1

## 中文

项目号	零件名称	数量
67	控制器 220V-240V	1
68	箱包装	3
69	橡胶片 (C)	1
70	橡胶片 (A)	4
71	橡胶片 (D)	1
72	面板总成	1
73	密封内六角螺栓 M5×12	2
74	隔片 (B)	2
75	把手套件 (A).(B)	1
76	销 D3×20 (10 颗)	1
77	过滤器包装	1
78	过滤电路板总成 220V-240V	1
79	晶体管元件	1
80	手柄避震器	4
81	手柄避震器固定器	1
82	波纹管	1
83	扳机	1
84	开关	1
85	自攻螺丝 (附法兰) D4×25 (黑色)	5
86	柱式终端 (A)	1
87	线保护壳 D10.7	1
88	线夹	1
89	自攻螺丝 (附法兰) D4×16	2
90	电线	1
91	手柄轴	1
92	后盖	1
93	内六角螺栓 (附法兰) M5×16	4
94	铭牌	1
95	曲柄盖	1
96	内六角螺栓 (附法兰) M5×18	4
97	变速杠杆	1

项目号	零件名称	数量
98	杠杆弹簧	1
99	钢珠 D4.76(10 颗)	1
100	O 型环 (S-18)	1
101	杠杆固定器	1
102	供 D20 轴使用的扣环 (10 件)	1
103	O 型环 (A)	1
104	变速板	1
105	供 D12 轴使用的扣环 (10 件)	1
106	曲柄轴	1
107	导向键 3×3×25	1
108	供 D47 孔使用的扣环	1
109	滚珠轴承 6204DDCMPS2L	1
110	O 型环 (F)	1
111	曲柄箱	1
112	密封内六角螺栓 M6×45	4
113	油封	1
114	头档齿轮	1
115	滚珠轴承 629VVC2PS2L	1
116	密封内六角螺栓 M6×22	2
117	密封包装	1
118	齿轮盖	1
501	尖钻头 (SDS 最大) 280L	1
502	箱子 (塑料)	1

# H60MEY



## 中文

项目号	零件名称	数量
1	前帽	1
2	止动环	1
3	固定垫圈	1
4	护圈避震器 (A)	1
5	夹卡	1
6	钻头锁固定器	1
7	止推板	1
8	压紧弹簧	1
9	弹簧固定器 (A)	1
10	滚销 D2×10 (10 颗)	1
11	螺栓 M8	1
12	手柄固定器 (B)	2
13	手柄固定器	1
14	夹卡	1
15	侧把手	1
16	O 型环 (S-26)	1
17	汽缸盖	1
18	内六角螺栓 (附法兰) M5×12	1
19	扣环 D40	1
20	扣环 D68	1
21	滚珠轴承 6008DDUCM	1
22	轴承垫圈	1
23	油封 (NBR710)	1
24	汽缸箱	1
25	内六角螺栓 (附法兰) M8×35	4
26	O 型环 (C)	1
27	护圈避震器垫圈 (A)	1
28	护圈避震器 (B)	1
29	避震器轴套	1
30	护圈避震器垫圈	1
31	钻头锁	2
32	护圈轴套	1
33	滚针销 D8	8

项目号	零件名称	数量
34	O 型环	1
35	第二锤头	1
36	避震器垫圈	1
37	避震器	1
38	避震器固定器	1
39	汽缸	1
40	击块	1
41	O 型环	1
42	弹簧固定器 (B)	1
43	锁簧垫圈	1
44	锁簧	1
45	锁轴套	1
46	离合器弹簧	1
47	离合器	1
48	轴套	1
49	滑块	1
50	金属 (A)	1
51	O 型环	1
52	柱塞销	1
53	柱塞	1
54	连杆	1
55	轴承垫圈	1
56	滚珠轴承 6201VVCMP2L	1
57	六角自攻螺丝 D5×60	2
58	定子传感器电路板套件 220V-240V	1
59	外罩	1
60	包装材料 (B)	2
61	内六角螺栓 (附法兰) M5×14	4
62	尘封	1
63	尾盖	1
64	滚珠轴承 6202DD	1
65	防尘垫圈 (B)	1
66	旋转器	1

项目号	零件名称	数量
67	控制器 220V-240V	1
68	箱包装	3
69	橡胶片 (C)	1
70	橡胶片 (A)	4
71	橡胶片 (D)	1
72	面板总成	1
73	密封内六角螺栓 M5×12	2
74	隔片 (B)	2
75	把手套件 (A).(B)	1
76	销 D3×20 (10 颗)	1
77	过滤器包装	1
78	过滤电路板总成 220V-240V	1
79	晶体管元件	1
80	手柄避震器	4
81	手柄避震器固定器	1
82	波纹管	1
83	扳机	1
84	开关	1
85	自攻螺丝 (附法兰) D4×25 (黑色)	5
86	柱式终端 (A)	1
87	线保护壳 D10.7	1
88	线夹	1
89	自攻螺丝 (附法兰) D4×16	2
90	电线	1
91	手柄轴	1
92	后盖	1
93	内六角螺栓 (附法兰) M5×16	4
94	铭牌	1
95	曲柄盖	1
96	内六角螺栓 (附法兰) M5×18	4
97	变速杠杆	1

项目号	零件名称	数量
98	杠杆弹簧	1
99	钢珠 D4.76(10 颗)	1
100	O 型环 (S-18)	1
101	杠杆固定器	1
102	供 D20 轴使用的扣环 (10 件)	1
103	O 型环 (A)	1
104	变速板	1
105	供 D12 轴使用的扣环 (10 件)	1
106	曲柄轴	1
107	导向键 3×3×25	1
108	供 D47 孔使用的扣环	1
109	滚珠轴承 6204DDCMPS2L	1
110	O 型环 (F)	1
111	汽缸 O 型环 (B)	2
112	垫圈	2
113	砵码	1
114	砵码销	1
115	密封内六角螺栓 M5×30	4
116	板簧	2
117	弹簧固定器	2
118	基层	1
119	砵码减震器	2
120	密封内六角螺栓 M5×16	2
121	曲柄箱	1
122	密封内六角螺栓 M6×45	4
123	油封	1
124	头档齿轮	1
125	滚珠轴承 629VVC2PS2L	1
126	密封内六角螺栓 M6×22	2
127	密封包装	1
128	齿轮盖	1
501	尖钻头 (SDS 最大) 280L	1
502	箱子 (塑料)	1

## CONTENTS

GENERAL POWER TOOL SAFETY WARNINGS .....	18
DEMOLITION HAMMER SAFETY WARNINGS .....	20
ADDITIONAL SAFETY WARNINGS .....	21
SYMBOLS .....	22
SPECIFICATIONS .....	22
STANDARD ACCESSORIES .....	22
OPTIONAL ACCESSORIES (sold separately).....	23
APPLICATIONS.....	23
PRIOR TO OPERATION.....	23
HOW TO USE.....	27
GREASE REPLACEMENT .....	28
MAINTENANCE AND INSPECTION .....	28
SERVICE PARTS LIST .....	29

## GENERAL POWER TOOL SAFETY WARNINGS

### **WARNING**

**Read all safety warnings and all instructions.**

*Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.*

**Save all warnings and instructions for future reference.**

*The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.*

#### 1) **Work area safety**

**a) Keep work area clean and well lit.**

*Cluttered or dark areas invite accidents.*

**b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.**

*Power tools create sparks which may ignite the dust or fumes.*

**c) Keep children and bystanders away while operating a power tool.**

*Distractions can cause you to lose control.*

#### 2) **Electrical safety**

**a) Power tool plugs must match the outlet.**

**Never modify the plug in any way.**

**Do not use any adapter plugs with earthed (grounded) power tools.**

*Unmodified plugs and matching outlets will reduce risk of electric shock.*

**b) Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.**

*There is an increased risk of electric shock if your body is earthed or grounded.*

- c) **Do not expose power tools to rain or wet conditions.**  
*Water entering a power tool will increase the risk of electric shock.*
- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool.**  
**Keep cord away from heat, oil, sharp edges or moving parts.**  
*Damaged or entangled cords increase the risk of electric shock.*
- e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.**  
*Use of a cord suitable for outdoor use reduces the risk of electric shock.*
- f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.**  
*Use of an RCD reduces the risk of electric shock.*

### 3) Personal safety

- a) **Stay alert, watch what you are doing and use common sense when operating a power tool.**  
**Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.**  
*A moment of inattention while operating power tools may result in serious personal injury.*
- b) **Use personal protective equipment. Always wear eye protection.**  
*Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.*
- c) **Prevent unintentional starting. Ensure the switch is in the off position before connecting to power source and/or battery pack, picking up or carrying the tool.**  
*Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.*
- d) **Remove any adjusting key or wrench before turning the power tool on.**  
*A wrench or a key left attached to a rotating part of the power tool may result in personal injury.*
- e) **Do not overreach. Keep proper footing and balance at all times.**  
*This enables better control of the power tool in unexpected situations.*
- f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.**  
*Loose clothes, jewellery or long hair can be caught in moving parts.*
- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.**  
*Use of dust collection can reduce dust-related hazards.*

### 4) Power tool use and care

- a) **Do not force the power tool. Use the correct power tool for your application.**  
*The correct power tool will do the job better and safer at the rate for which it was designed.*

## English

- b) **Do not use the power tool if the switch does not turn it on and off.**  
*Any power tool that cannot be controlled with the switch is dangerous and must be repaired.*
- c) **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.**  
*Such preventive safety measures reduce the risk of starting the power tool accidentally.*
- d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.**  
*Power tools are dangerous in the hands of untrained users.*
- e) **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation.**  
**If damaged, have the power tool repaired before use.**  
*Many accidents are caused by poorly maintained power tools.*
- f) **Keep cutting tools sharp and clean.**  
*Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
- g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.**  
*Use of the power tool for operations different from those intended could result in a hazardous situation.*

### 5) Service

- a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.**  
*This will ensure that the safety of the power tool is maintained.*

## CAUTION

Keep children and infirm persons away.

When not in use, tools should be stored out of reach of children and infirm persons.

## DEMOLITION HAMMER SAFETY WARNINGS

1. **Wear ear protectors.**  
Exposure to noise can cause hearing loss.
2. **Use auxiliary handle(s), if supplied with the tool.**  
Loss of control can cause personal injury.
3. **Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring or its own cord.**  
Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

## ADDITIONAL SAFETY WARNINGS

1. Ensure that the power source to be utilized conforms to the power requirements specified on the product nameplate.
2. Ensure that the power switch is in the OFF position.  
If the plug is connected to a receptacle while the power switch is in the ON position, the power tool will start operating immediately, which could cause a serious accident.
3. When the work area is removed from the power source, use an extension cord of sufficient thickness and rated capacity. The extension cord should be kept as short as practicable.
4. Do not touch the bit during or immediately after operation. The bit becomes very hot during operation and could cause serious burns.
5. Before starting to break, chip a wall, floor or ceiling, thoroughly confirm that such items as electric cables or conduits are not buried inside.
6. At the start of work, confirm screw tightening.
7. When working at a highly elevated location, pay attention to articles and persons below.
8. Wear protective shoes to protect your feet.
9. Wear a dust mask.  
Do not inhale the harmful dusts generated in chiseling operation. The dust can endanger the health of yourself and bystanders.
10. Mounting the tool
  - To prevent accidents, make sure to turn the switch off and disconnect the plug from the receptacle.
  - When using tools such as bull points, cutters, etc., make sure to use the genuine parts designated by our company.
  - Clean the shank portion of the bull point. Then smear the shank portion with the grease or machine oil.
11. The impact rate cannot be changed by pressing the impact rate selector switch while the motor is rotating. To change speeds, switch off the tool first.
12. Be sure to grip the handle and side handle during work.  
Do not hold by the grip during work. If you pull it by mistake, the bull point could jump out.
13. RCD  
The use of a residual current device with a rated residual current of 30 mA or less at all times is recommended.

## SYMBOLS

### WARNING

The following show symbols used for the machine. Be sure that you understand their meaning before use.

	To reduce the risk of injury, user must read instruction manual.	$n$	Full-load speed
V	Rated voltage	--S/--S	Running Time / Down Time
A	Current	---/min	revolutions per minute
W	Watt		Class II tool

## SPECIFICATIONS

Model	H60ME	H60MEY
Voltage	220V ~	
Power input	1500 W	
Full-load impact rate	1500 – 2100 /min	
Weight	11.6 kg	12.2 kg

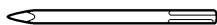
## STANDARD ACCESSORIES

In addition to the main unit (1 unit), the package contains the accessories listed in the below.

Plastic Case		1
Bull Point (SDS-max shank)		1
Side Handle		1

## OPTIONAL ACCESSORIES (sold separately)

- Demolishing



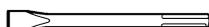
- (1) Bull Point  
Overall Length: 280, 400 mm

- Surface Roughing



- (1) Bushing Tool      (2) Shank

- Groove digging and edging

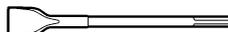


- (1) Cold chisel  
Overall length: 280, 400 mm

- Hammer Grease A

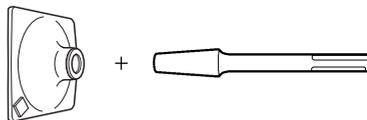
- 500 g (in a can)  
70 g (in a tube)  
30 g (in a tube)

- Asphalt Cutting



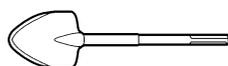
- (1) Cutter

- Tamping



- (1) Rammer      (2) Shank

- Scooping Work



- (1) Scoop

## APPLICATIONS

Breaking concrete, chipping off concrete, grooving, bar cutting, and driving piles.

Application examples:

Installation of piping and wiring, sanitary facility installation, machinery installation, water supply and drainage work, interior jobs, harbor facilities and other civil engineering work.

## PRIOR TO OPERATION

1. Power source  
Ensure that the power source to be utilized conforms to the power requirements specified on the product nameplate.
2. Power switch  
Ensure that the power switch is in the OFF position. If the plug is connected to a receptacle while the power switch is in the ON position, the power tool will start operating immediately, which could cause a serious accident.
3. Extension cord  
When the work area is removed from the power source, use an extension cord of sufficient thickness and rated capacity. The extension cord should be kept as short as practicable.
4. Check the receptacle  
If the receptacle only loosely accepts the plug, the receptacle must be repaired.

# English

Contact a licensed electrician to make appropriate repairs.

If such a faulty receptacle is used, it may cause overheating, resulting in a serious hazard.

5. Confirming condition of the environment  
Confirm that the work site is placed under appropriate conditions conforming to prescribed precautions.
6. How to install tool

## CAUTION

**For tools such as a bull point, use only HIKOKI genuine parts.**

- (1) Clean the shank portion of the tool.
- (2) To attach the tool (SDS max shank), insert it into the hole until it contacts the innermost end of the hole as illustrated in **Fig. 1**.

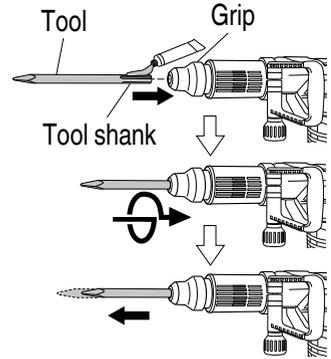
If you continue to turn the tool with slight pressure, you can feel a spot where there is a hitch. At that spot, pull the grip to the direction of an arrow mark and insert the tool all the way until it hits the innermost end.

Releasing the grip reverts the grip and secures the tool in place.

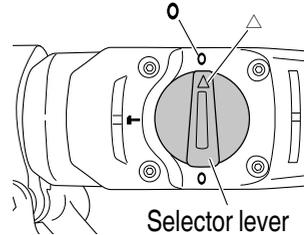
- (3) Pull the tool to make sure it is locked completely.
- (4) To remove the tool, fully pull the grip in the direction of the arrow and pull out the tool.

7. Deciding Working Position of Tool  
The tool can be turned every 30 degrees and can be fixed at the position of 12 steps.

- (1) The blade angle can be freely changed if the  $\Delta$  of the selector lever is aligned with the  $\odot$  of the crank cover, as illustrated in **Fig. 2**.
- (2) Turn the grip or the tool as illustrated in **Fig. 3** and fix the tool to the desired working direction.
- (3) As shown in **Fig. 4** switch the selector lever to “hammering T”, and make sure that it is locked completely.



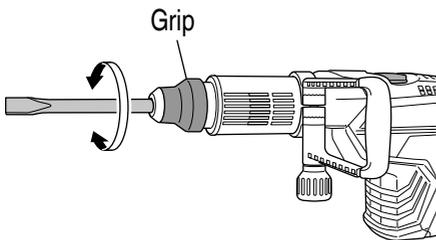
**Fig. 1**



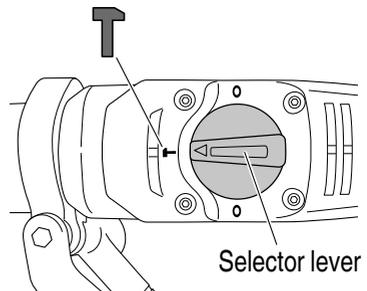
**Fig. 2**

## NOTE

Turn the selector lever to check if it is completely locked and make sure that it does not turn.

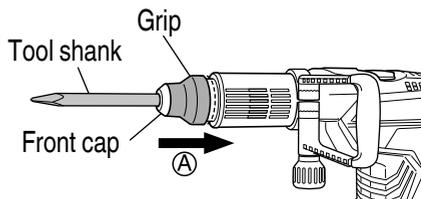


**Fig. 3**



**Fig. 4**

8. Removing Tool  
As shown in **Fig. 5**, slide the grip in the direction of **Ⓐ** and pull out the tool.



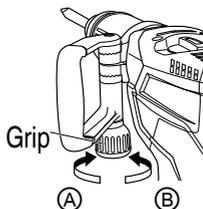
**Fig. 5**

## CAUTION

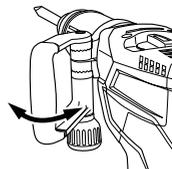
**Be sure to grip the handle and side handle during work. Do not hold by the grip during work. If you pull it by mistake, the bull point could jump out.**

9. Move the side handle  
The side handle can be fixed at any desired position; 360 degrees, and can also be fixed at any position in the back-and-forth direction.

- (1) Loosen the handle by turning the grip in the direction of **Ⓐ** as shown in **Fig. 6**.
- (2) Adjust it to a position where vertical (up-and-down) operation can be facilitated as illustrated in **Fig. 7**, **Fig. 8**, and **Fig. 9**.
- (3) Turn the grip in the direction of **Ⓑ** and fix the handle.



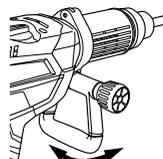
**Fig. 6**



**Fig. 7**

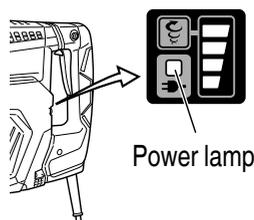


**Fig. 8**



**Fig. 9**

10. Power lamp  
The power lamp lights up when the power cord is plugged into an electrical outlet. (**Fig. 10**)
11. Regulating the number of hammering (**Fig. 11**)  
This Demolition Hammer is equipped with a built-in electronic control circuit that can adjust and regulate the times of hammering. This Demolition Hammer can be used by adjusting the impact rate selector switch, depending upon the contents of operation, such as chiselling fragile materials, chipping, centering, etc.  
Pressing the impact rate selector switch switches impact rates as shown in **Table 1**.



**Power lamp**

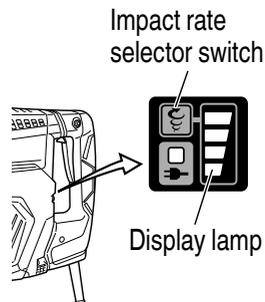
**Fig. 10**

**Table 1**

Display lamp sequence				
Full-load impact rate (/min)	1500	1700	1900	2100

## NOTE

The impact rate cannot be changed by pressing the impact rate selector switch while the motor is rotating. To change impact rate, switch off the tool first.



**Display lamp**

**Fig. 11**

# English

## 12. About the protection function

This tool has a built-in protection circuit for preventing damage to the unit in the event of an abnormality.

Depending on the nature of the abnormality, the display lamp will flash as shown in **Table 2** and the unit will cease to operate. In such cases, verify the problem indicated by the flashing and take whatever steps are necessary to correct the problem.

**Table 2**

Display lamp flashing	Cause	Solution
	Internal temperature has risen beyond the unit's specified temperature (Temperature increase protection function)	Turn off the unit and allow it to cool down for about 15 to 30 minutes. When the temperature goes down, press the impact rate selector switch to recover.
	Excessive pressure applied to the tool has resulted in an overload. (Overload protection function)	Press the impact rate selector switch to recover. Try to avoid tasks that will apply excess pressure to the unit.
	<ol style="list-style-type: none"> <li>① Tool fails to startup or has shut down due to the unit being connected to a power source whose voltage is either too high or too low.</li> <li>② Tool has shut down due to a voltage signal read error that occurred from the unit's power cord being plugged in and out at short intervals. (Circuit protection function)</li> </ol>	<ol style="list-style-type: none"> <li>① Connect the unit to a power supply matching the input voltage specified on the nameplate. Press the impact rate selector switch to recover.</li> <li>② Allow for an interval of 3 seconds or more when plugging the power cord in and out. Press the impact rate selector switch to recover.</li> </ol>
	Sensor signal read error. (Control monitoring function)	Press the impact rate selector switch to recover. Repair may be required if this error continuously occurs.

## NOTE

Repair may be required if the display lamp continues to flash after taking all necessary steps to correct the problem. If the problem persists, please arrange for repairs.

## HOW TO USE

1. After placing the tip of the tool on concrete surface, switch ON.  
The switch can be turned ON if the trigger is pulled and OFF when it is released.  
If the ON-Lock Switch is pressed while the trigger for the switch is pulled, even if your finger is released from the trigger, the switch remains ON - convenient for continuous operation.  
To turn the switch OFF, pull the trigger again, and then the ON-Lock Switch comes off.
2. By utilizing the empty weight of the machine and by firmly holding the hammer by both hands, you can effectively control the subsequent recoil motion.  
Proceed at a moderate work-rate, the use of too much force will impair efficiency.
3. Even when the switch is on, the motor is running and the tool head is pressed to the demolition surface, the hammer sometimes does not start operating. In these instances, turn the switch off, press the tool head against the demolition surface again, and turn the switch on and off. This should start the hammer operating. Repeat this procedure for several minutes, and the hammer will heat, after which it will operate when switched to ON-LOCK.

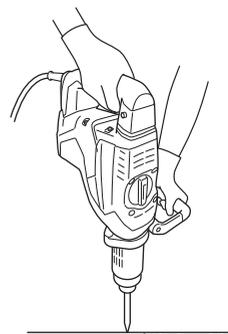


Fig. 12

### CAUTION

**After long time of use, the housing becomes hot.  
Therefore, be careful not to burn your hands.**

### CAUTION

**If the selector lever is switched during motor rotation, unexpected accidents may result. Make sure to switch the selector lever when the motor is at a complete stop.**

4. Warming up (**Fig. 13**)  
The grease lubrication system in this unit may require warming up in cold regions.  
Position the end of the bit so makes contact with the concrete, turn on the switch and perform the warming up operation. Make sure that a hitting sound is produced and then use the unit.

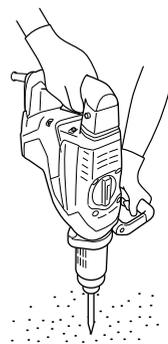


Fig. 13

### GREASE REPLACEMENT

This Demolition Hammer is of full air-tight construction to protect against dust and to prevent lubricant leakage.

Therefore, this Demolition Hammer can be used without lubrication for long periods. Replace the grease as described below.

#### **Grease Replacement Period**

After purchase, replace grease after every 6 months of usage. Ask for grease replacement at the nearest authorized Service Center.

### MAINTENANCE AND INSPECTION

#### **WARNING**

**Be sure to switch power OFF and disconnect the plug from the receptacle during maintenance and inspection.**

1. Inspecting the tool  
Since use of a dull tool will cause motor malfunctioning and degraded efficiency, replace the tool with new ones or sharpen them without delay when abrasion is noted.
2. Inspecting the mounting screws  
Regularly inspect all mounting screws and ensure that they are properly tightened. Should any of the screws be loose, retighten them immediately. Failure to do so could result in serious hazard.
3. Maintenance of the motor  
The motor unit winding is the very "heart" of the power tool. Exercise due care to ensure the winding does not become damaged and/or wet with oil or water.
4. Replacing supply cord  
If the replacement of the supply cord is necessary, this has to be done by the manufacturer of this agent in order to avoid a safety hazard.
5. Service parts list

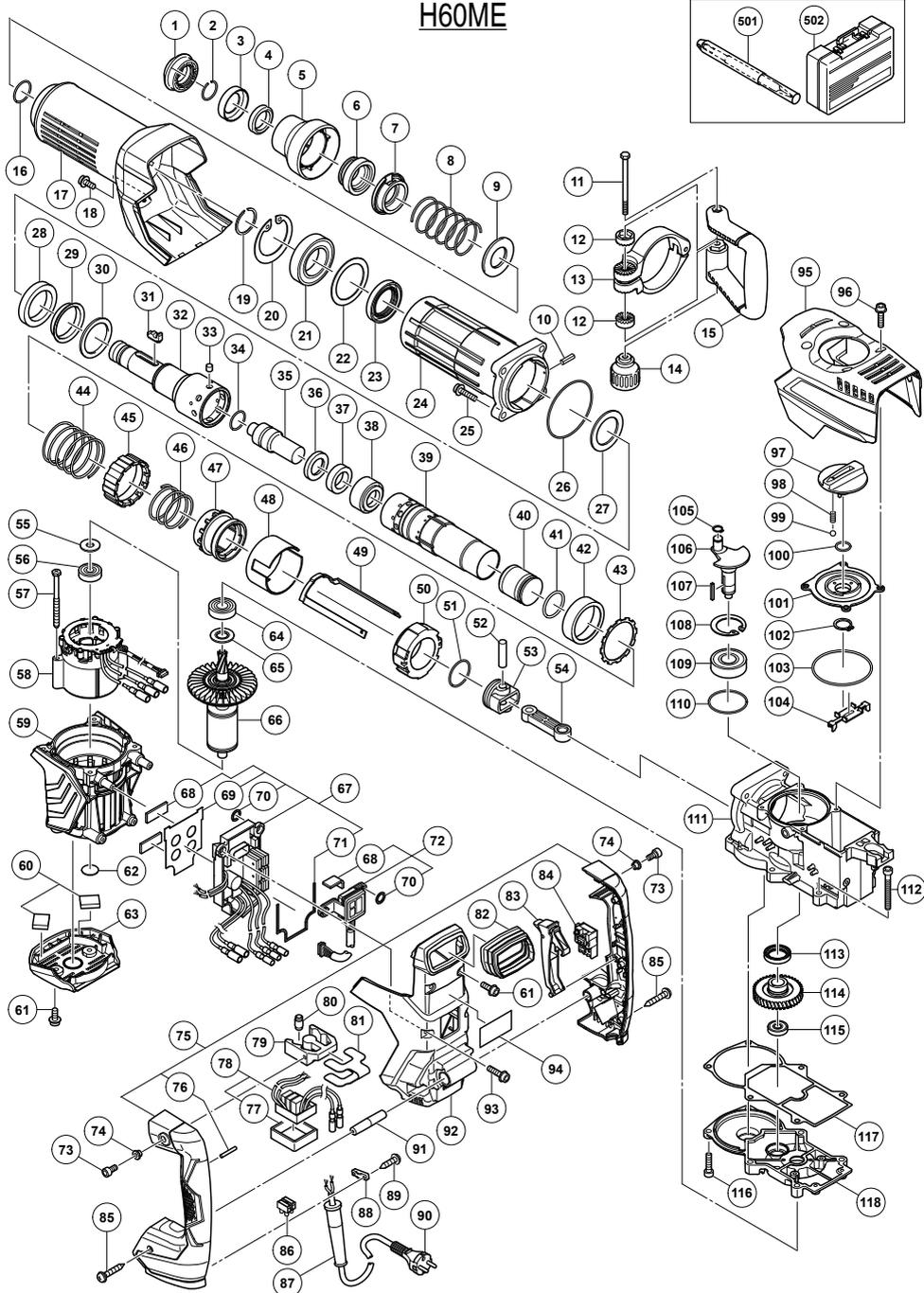
#### **CAUTION**

**Repair, modification and inspection of HIKOKI Power Tools must be carried out by a HIKOKI Authorized Service Center.**

**This Parts List will be helpful if presented with the tool to the HIKOKI Authorized Service Center when requesting repair or other maintenance. In the operation and maintenance of power tools, the safety regulations and standards prescribed in each country must be observed.**

# SERVICE PARTS LIST

H60ME



# English

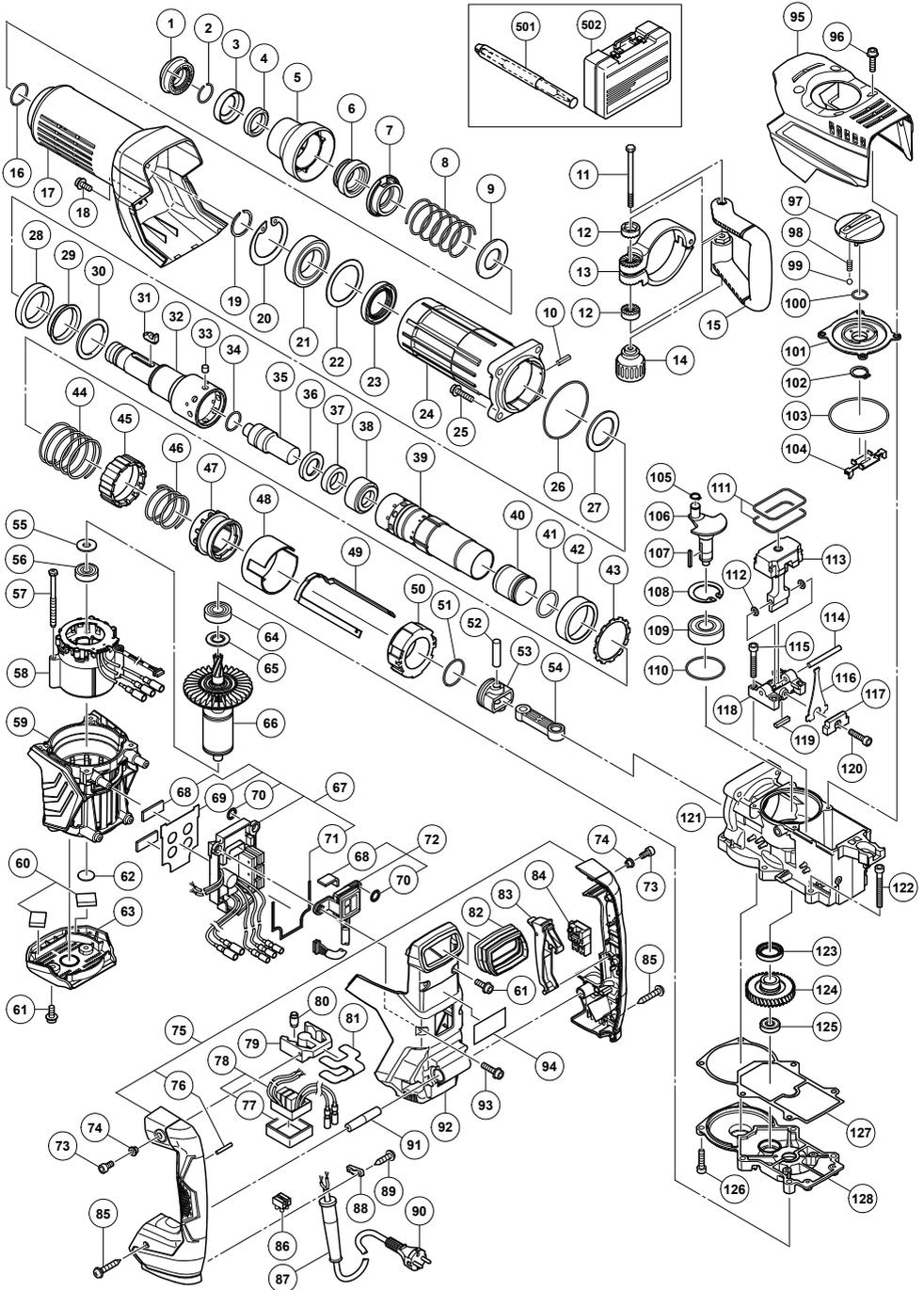
ITEM NO.	PART NAME	Q'TY
1	FRONT CAP	1
2	STOPPER RING	1
3	RETAINER WASHER	1
4	RETAINER DAMPER (A)	1
5	GRIP	1
6	BIT LOCK HOLDER	1
7	THRUST PLATE	1
8	RETAINER SPRING	1
9	SPRING HOLDER (A)	1
10	ROLL PIN D2X10 (10 PCS.)	1
11	BOLT M8	1
12	HANDLE HOLDER (B)	2
13	HANDLE HOLDER	1
14	GRIP	1
15	SIDE HANDLE	1
16	O-RING (S-26)	1
17	CYLINDER CASE COVER	1
18	HEX. SOCKET HD. BOLT (W/FLANGE) M5X12	1
19	RETAINING RING D40	1
20	RETAINING RING D68	1
21	BALL BEARING 6008DDUCM	1
22	BEARING WASHER	1
23	OIL SEAL (NBR710)	1
24	CYLINDER CASE	1
25	HEX. SOCKET HD. BOLT (W/FLANGE) M8X35	4
26	O-RING (C)	1
27	RETAINER DAMPER WASHER (A)	1
28	RETAINER DAMPER (B)	1
29	DAMPER SLEEVE	1
30	RETAINER DAMPER WASHER	1
31	BIT LOCK	2
32	RETAINER SLEEVE	1

ITEM NO.	PART NAME	Q'TY
33	NEEDLE PIN D8	8
34	O-RING	1
35	SECOND HAMMER	1
36	DAMPER WASHER	1
37	DAMPER	1
38	DAMPER HOLDER	1
39	CYLINDER	1
40	STRIKER	1
41	O-RING	1
42	SPRING HOLDER (B)	1
43	LOCK SPRING WASHER	1
44	LOCK SPRING	1
45	LOCK SLEEVE	1
46	CLUTCH SPRING	1
47	CLUTCH	1
48	SLEEVE	1
49	SLIDER	1
50	METAL (A)	1
51	O-RING	1
52	PISTON PIN	1
53	PISTON	1
54	CONNECTING ROD	1
55	BEARING WASHER	1
56	BALL BEARING 6201VVCMP2L	1
57	HEX. HD. TAPPING SCREW D5X60	2
58	STATOR SENSOR PCB SET 220V-240V	1
59	HOUSING	1
60	PACKING (B)	2
61	HEX. SOCKET HD. BOLT (W/FLANGE) M5X14	4
62	DUST SEAL	1
63	TAIL COVER	1

ITEM NO.	PART NAME	Q'TY
64	BALL BEARING 6202DD	1
65	DUST WASHER (B)	1
66	ROTOR	1
67	CONTROLLER 220V-240V	1
68	CASE PACKING	3
69	RUBBER SHEET (C)	1
70	RUBBER SHEET (A)	4
71	RUBBER SHEET (D)	1
72	PANEL ASS'Y	1
73	SEAL LOCK HEX. SOCKET HD. BOLT M5X12	2
74	DISTANCE PIECE (B)	2
75	HANDLE (A).(B) SET	1
76	PIN D3X20 (10 PCS.)	1
77	FILTER PACKING	1
78	FILTER PCB ASS'Y 220V-240V	1
79	TRANSATORY UNIT	1
80	HANDLE DAMPER	4
81	HANDLE DAMPER HOLDER	1
82	BELLOWS	1
83	TRIGGER	1
84	SWITCH	1
85	TAPPING SCREW (W/FLANGE) D4X25 (BLACK)	5
86	PILLAR TERMINAL (A)	1
87	CORD ARMOR D10.7	1
88	CORD CLIP	1
89	TAPPING SCREW (W/FLANGE) D4X16	2
90	CORD	1
91	HANDLE SHAFT	1
92	BACK COVER	1
93	HEX. SOCKET HD. BOLT (W/FLANGE) M5X16	4

ITEM NO.	PART NAME	Q'TY
94	NAME PLATE	1
95	CRANK COVER	1
96	HEX. SOCKET HD. BOLT (W/FLANGE) M5X18	4
97	CHANGE LEVER	1
98	LEVER SPRING	1
99	STEEL BALL D4.76 (10 PCS.)	1
100	O-RING (S-18)	1
101	LEVER HOLDER	1
102	RETAINING RING FOR D20 SHAFT (10 PCS.)	1
103	O-RING (A)	1
104	CHANGE PLATE	1
105	RETAINING RING FOR D12 SHAFT (10 PCS.)	1
106	CRANK SHAFT	1
107	FEATHER KEY 3X3X25	1
108	RETAINING RING FOR D47 HOLE	1
109	BALL BEARING 6204DDCMPS2L	1
110	O-RING (F)	1
111	CRANK CASE	1
112	SEAL LOCK HEX. SOCKET HD. BOLT M6X45	4
113	OIL SEAL	1
114	FIRST GEAR	1
115	BALL BEARING 629VVC2PS2L	1
116	SEAL LOCK HEX. SOCKET HD. BOLT M6X22	2
117	SEAL PACKING	1
118	GEAR COVER	1
501	BULL POINT (SDS MAX) 280L	1
502	CASE (PLASTIC)	1

H60MEY



ITEM NO.	PART NAME	Q'TY
1	FRONT CAP	1
2	STOPPER RING	1
3	RETAINER WASHER	1
4	RETAINER DAMPER (A)	1
5	GRIP	1
6	BIT LOCK HOLDER	1
7	THRUST PLATE	1
8	RETAINER SPRING	1
9	SPRING HOLDER (A)	1
10	ROLL PIN D2X10 (10 PCS.)	1
11	BOLT M8	1
12	HANDLE HOLDER (B)	2
13	HANDLE HOLDER	1
14	GRIP	1
15	SIDE HANDLE	1
16	O-RING (S-26)	1
17	CYLINDER CASE COVER	1
18	HEX. SOCKET HD. BOLT (W/FLANGE) M5X12	1
19	RETAINING RING D40	1
20	RETAINING RING D68	1
21	BALL BEARING 6008DDUCM	1
22	BEARING WASHER	1
23	OIL SEAL (NBR710)	1
24	CYLINDER CASE	1
25	HEX. SOCKET HD. BOLT (W/FLANGE) M8X35	4
26	O-RING (C)	1
27	RETAINER DAMPER WASHER (A)	1
28	RETAINER DAMPER (B)	1
29	DAMPER SLEEVE	1
30	RETAINER DAMPER WASHER	1
31	BIT LOCK	2
32	RETAINER SLEEVE	1

ITEM NO.	PART NAME	Q'TY
33	NEEDLE PIN D8	8
34	O-RING	1
35	SECOND HAMMER	1
36	DAMPER WASHER	1
37	DAMPER	1
38	DAMPER HOLDER	1
39	CYLINDER	1
40	STRIKER	1
41	O-RING	1
42	SPRING HOLDER (B)	1
43	LOCK SPRING WASHER	1
44	LOCK SPRING	1
45	LOCK SLEEVE	1
46	CLUTCH SPRING	1
47	CLUTCH	1
48	SLEEVE	1
49	SLIDER	1
50	METAL (A)	1
51	O-RING	1
52	PISTON PIN	1
53	PISTON	1
54	CONNECTING ROD	1
55	BEARING WASHER	1
56	BALL BEARING 6201VVCMP52L	1
57	HEX. HD. TAPPING SCREW D5X60	2
58	STATOR SENSOR PCB SET 220V-240V	1
59	HOUSING	1
60	PACKING (B)	2
61	HEX. SOCKET HD. BOLT (W/FLANGE) M5X14	4
62	DUST SEAL	1
63	TAIL COVER	1

# English

ITEM NO.	PART NAME	Q'TY
64	BALL BEARING 6202DD	1
65	DUST WASHER (B)	1
66	ROTOR	1
67	CONTROLLER 220V-240V	1
68	CASE PACKING	3
69	RUBBER SHEET (C)	1
70	RUBBER SHEET (A)	4
71	RUBBER SHEET (D)	1
72	PANEL ASS'Y	1
73	SEAL LOCK HEX. SOCKET HD. BOLT M5X12	2
74	DISTANCE PIECE (B)	2
75	HANDLE (A).(B) SET	1
76	PIN D3X20 (10 PCS.)	1
77	FILTER PACKING	1
78	FILTER PCB ASS'Y 220V-240V	1
79	TRANSATORY UNIT	1
80	HANDLE DAMPER	4
81	HANDLE DAMPER HOLDER	1
82	BELLOWS	1
83	TRIGGER	1
84	SWITCH	1
85	TAPPING SCREW (W/FLANGE) D4X25 (BLACK)	5
86	PILLAR TERMINAL (A)	1
87	CORD ARMOR D10.7	1
88	CORD CLIP	1
89	TAPPING SCREW (W/FLANGE) D4X16	2
90	CORD	1
91	HANDLE SHAFT	1
92	BACK COVER	1
93	HEX. SOCKET HD. BOLT (W/FLANGE) M5X16	4

ITEM NO.	PART NAME	Q'TY
94	NAME PLATE	1
95	CRANK COVER	1
96	HEX. SOCKET HD. BOLT (W/FLANGE) M5X18	4
97	CHANGE LEVER	1
98	LEVER SPRING	1
99	STEEL BALL D4.76 (10 PCS.)	1
100	O-RING (S-18)	1
101	LEVER HOLDER	1
102	RETAINING RING FOR D20 SHAFT (10 PCS.)	1
103	O-RING (A)	1
104	CHANGE PLATE	1
105	RETAINING RING FOR D12 SHAFT (10 PCS.)	1
106	CRANK SHAFT	1
107	FEATHER KEY 3X3X25	1
108	RETAINING RING FOR D47 HOLE	1
109	BALL BEARING 6204DDCMPS2L	1
110	O-RING (F)	1
111	CYLINDER O-RING (B)	2
112	WASHER	2
113	WEIGHT	1
114	WEIGHT PIN	1
115	SEAL LOCK HEX. SOCKET HD. BOLT M5X30	4
116	LEAF SPRING	2
117	SPRING HOLDER	2
118	BASE	1
119	WEIGHT BUMPER	2
120	SEAL LOCK HEX. SOCKET HD. BOLT M5X16	2
121	CRANK CASE	1

ITEM NO.	PART NAME	Q'TY
122	SEAL LOCK HEX. SOCKET HD. BOLT M6X45	4
123	OIL SEAL	1
124	FIRST GEAR	1
125	BALL BEARING 629VVC2PS2L	1
126	SEAL LOCK HEX. SOCKET HD. BOLT M6X22	2
127	SEAL PACKING	1
128	GEAR COVER	1
501	BULL POINT (SDS MAX) 280L	1
502	CASE (PLASTIC)	1

服务中心  
工机商业(中国)有限公司  
上海市闵行区浦江工业园区三鲁路3585号7幢3楼

制造商  
高壹工机(马来西亚)有限公司  
马来西亚柔佛州士乃第二工业区

**Koki Holdings Co., Ltd.**

806  
编号: C99717422 M  
发行日期: 2018年6月  
马来西亚印刷