



BOSCH

PRO

GVC18V-25-120D

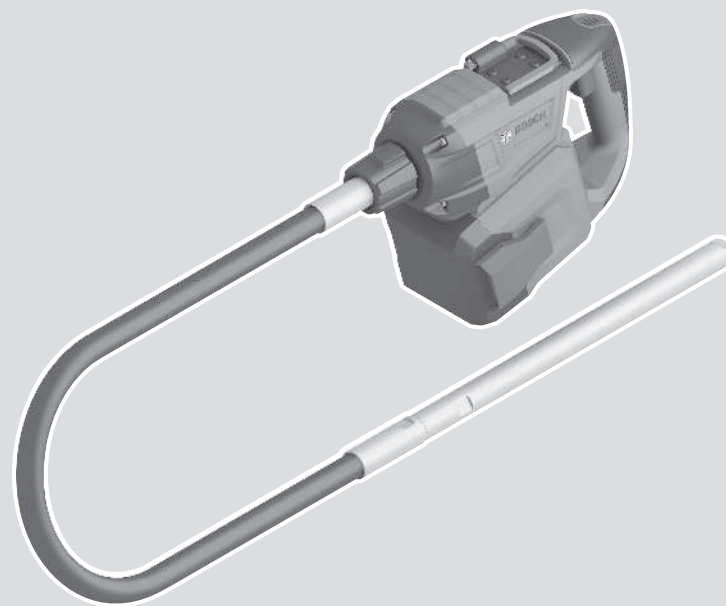
Robert Bosch Power Tools GmbH
70538 Stuttgart
GERMANY

www.bosch-pt.com

1 609 92A F2U (2026.03) 0 / 15



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zh 正本使用说明书



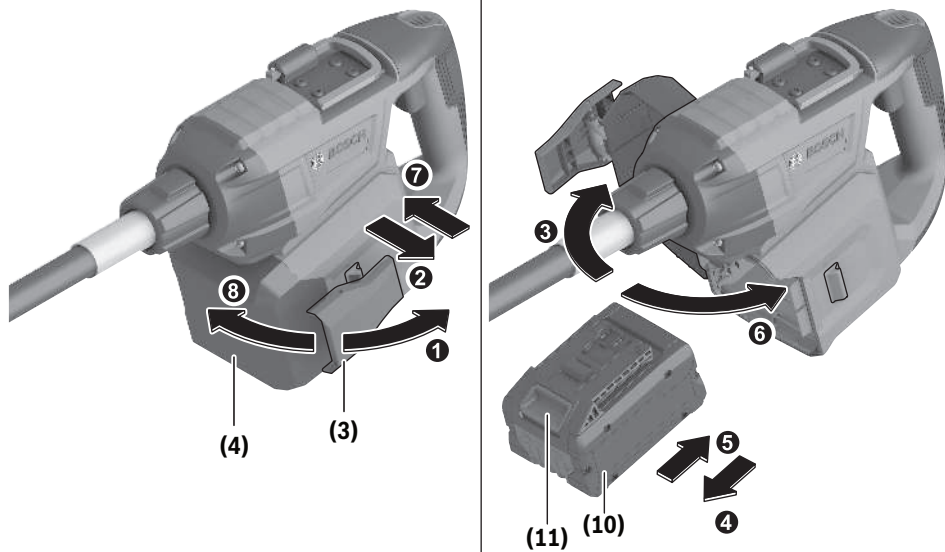
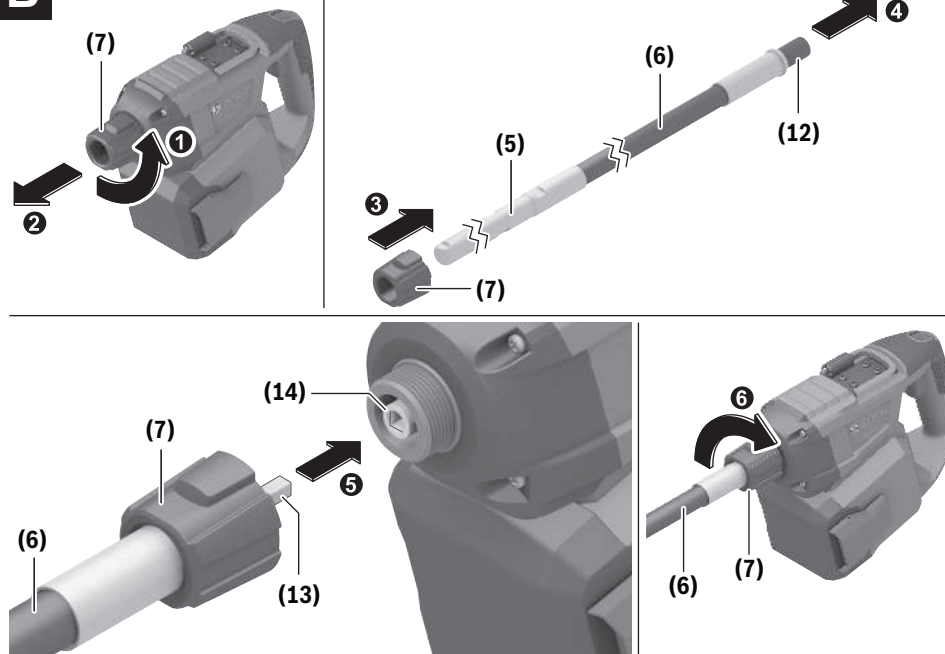
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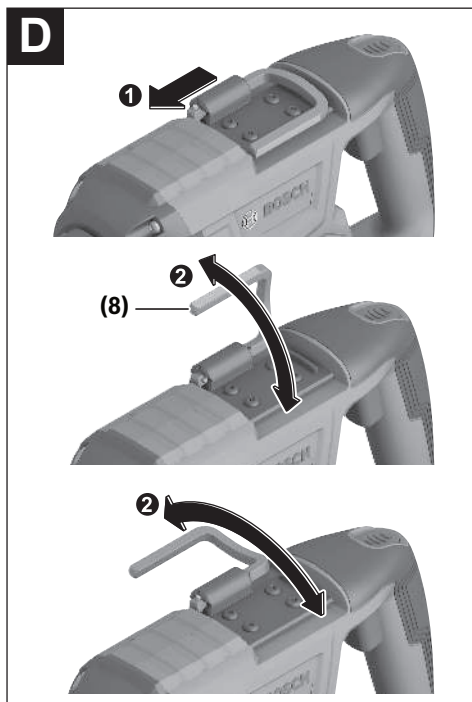
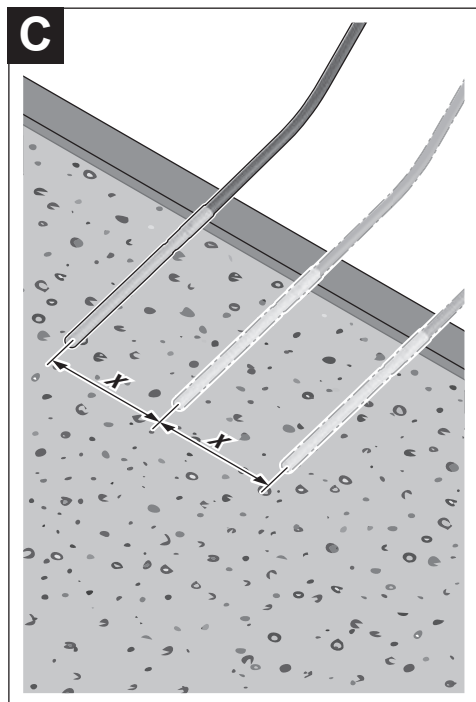




GVC18V-25-120D

A

**B**



中文

安全规章

电动工具通用安全警告

⚠ 警告！

阅读随电动工具提供的所有安全警告、说明、图示和规定。

不遵照以下所列说明会导致电击、着火和/或严重伤害。

保存所有警告和说明书以备查阅。

警告中的术语“电动工具”是指市电驱动（有线）电动工具或电池驱动（无线）电动工具。

工作场地的安全

- ▶ 保持工作场地清洁和明亮。杂乱和黑暗的场地会引发事故。
- ▶ 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。
- ▶ 操作电动工具时，远离儿童和旁观者。注意力不集中会使你失去对工具的控制。

电气安全

- ▶ 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降低电击风险。
- ▶ 避免人体接触接地表面，如管道、散热片和冰箱。如果你身体接触接地表面会增加电击风险。
- ▶ 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风险。
- ▶ 不得滥用软线。绝不能用软线搬运、拉动电动工具或拔出其插头。使软线远离热源、油、锐边或运动部件。受损或缠绕的软线会增加电击风险。
- ▶ 当在户外使用电动工具时，使用适合户外使用的延长线。适合户外使用的电线将降低电击风险。
- ▶ 如果无法避免在潮湿的环境中操作电动工具，应使用带有剩余电流装置（RCD）保护的电源。RCD的使用可降低电击风险。

人身安全

- ▶ 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。
- ▶ 使用个人防护装置。始终佩戴护目镜。防护装置，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。
- ▶ 防止意外启动。在连接电源和/或电池包、拿起或搬运工具前确保开关处于关断位置。手指放在开关上搬运工具或开关处于接通时通电会导致危险。
- ▶ 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。

- ▶ 手不要过分伸展。时刻注意立足点和身体平衡。这样能在意外情况下能更好地控制住电动工具。
- ▶ 着装适当。不要穿宽松衣服或佩戴饰品。让你的头发和衣服远离运动部件。宽松衣服、配饰或长发可能会卷入运动部件。
- ▶ 如果提供了与排屑、集尘设备连接用的装置，要确保其连接完好且使用得当。使用集尘装置可降低尘屑引起的危险。
- ▶ 不要因为频繁使用工具而产生的熟悉感而掉以轻心，忽视工具的安全准则。某个粗心的动作可能在瞬间导致严重的伤害。

电动工具使用和注意事项

- ▶ 不要勉强使用电动工具，根据用途使用合适的电动工具。选用合适的按照额定值设计的电动工具会使你工作更有效、更安全。
- ▶ 如果开关不能接通或关断电源，则不能使用该电动工具。不能通过开关来控制的电动工具是危险的且必须进行修理。
- ▶ 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/或卸下电池包（如可拆卸）。这种防护性的安全措施降低了电动工具意外起动的风险。
- ▶ 将闲置不用的电动工具贮存在儿童所及范围之外，并且不允许不熟悉电动工具和不了解这些说明的人操作电动工具。电动工具在未经培训的使用者手中是危险的。
- ▶ 维护电动工具及其附件。检查运动部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，应在使用前修理好电动工具。许多事故是由维护不良的电动工具引发的。
- ▶ 保持切削刀具锋利和清洁。维护良好地有锋利切削刃的刀具不易卡住而且容易控制。
- ▶ 按照使用说明书，并考虑作业条件和要进行的作业来选择电动工具、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情况。
- ▶ 保持手柄和握持表面干燥、清洁，不得沾有油脂。在意外的情况下，湿滑的手柄不能保证握持的安全和对工具的控制。

电池式工具使用和注意事项

- ▶ 仅使用生产者规定的充电器充电。将适用于某种电池包的充电器用到其他电池包时可能会发生着火危险。
- ▶ 仅使用配有专用电池包的电动工具。使用其他电池包可能会产生伤害和着火危险
- ▶ 当电池包不用时，将它远离其他金属物体，例如回形针、硬币、钥匙、钉子、螺钉或其他小金属物体，以防电池包一端与另一端连接。电池组端部短路可能会引起燃烧或着火。
- ▶ 在滥用条件下，液体可能会从电池组中溅出；应避免接触。如果意外碰到液体，用水冲洗。如果液体碰到了眼睛，还应寻求医疗帮助。从电池中溅出的液体可能会发生腐蚀或燃烧。

- ▶ **不要使用损坏或改装过的电池包或工具。** 损坏或改装过的电池组可能呈现无法预测的结果，导致着火、爆炸或伤害。
- ▶ **不要将电池包暴露于火或者高温中。** 电池包暴露于火或高于 130 °C 的高温中可能导致爆炸。
- ▶ **遵守所有充电说明，给电池组或工具充电时不要超出说明中规定的温度范围。** 错误充电或温度超出规定的范围可能会损坏电池并提高着火的风险。

维修

- ▶ **由专业维修人员使用相同的备件维修电动工具。** 这将保证所维修的电动工具的安全。
- ▶ **决不能维修损坏的电池包。** 电池包仅能由生产者或其授权的维修服务商进行维修。

混凝土振动器安全规章



请佩戴护目镜。 由此保护眼睛，以防因飞溅的混凝土而造成伤害。



请穿戴手套。 混凝土振动器的振动头可能在使用时升温。

- ▶ **避免在使用后触碰振动头。** 表面可能变得非常热。
- ▶ **请务必等到完全停止运动后再放下电动工具。** 旋转的附件可能会接触到底垫并卡住，从而使操作者失去对工具的控制。
- ▶ **请注意在操作时不要被软管或电缆绊倒。** 有受伤的危险。
- ▶ **在携带已连接电源以及装有振动装置的背包时，注意留出更多空间。** 您的活动空间会被限制。
- ▶ **只能将背带支架用于固定背带，切勿将防坠落安全系统固定在背带支架上。** 背带支架以及背带本身不用作防坠落安全设施。
- ▶ **电动工具只有处于关机状态下才能运输。** 开机的电动工具可能会无意间碰到操作者的衣服，使衣服缠绕在一起并使身体卷入。
- ▶ **工作期间保护好电源线，不要缠在钢筋中或在锋利边缘上拉扯。**
- ▶ **不要将软管从锋利边缘或钢筋上方拉过。** 如果振动头卡住，请不要拉动软管，而是通过来回移动来松开振动头。由此避免软管损坏。
- ▶ **如果电源中断，将电源开关置于关闭位置。** 这样可以避免机器突然起动。
- ▶ **如果充电电池损坏或者未按照规定使用，充电电池中会散发出有毒蒸汽。** 充电电池可能会燃烧或爆炸。工作场所必须保持空气流通，如果身体有任何不适必须马上就医。蒸汽会刺激呼吸道。
- ▶ **切勿改装并打开充电电池。** 可能造成短路。
- ▶ **钉子、螺丝刀等尖锐物品或外力作用可能会损坏充电电池。** 有可能出现内部短路、蓄电池燃烧、发出烟雾、爆炸或过热。

- ▶ **仅在制造商的产品中使用充电电池。** 这样才能确保充电电池不会过载。



保护充电电池避免高温（例如长期阳光照射）、火焰、脏污、水和湿气的侵害。 有爆炸和短路的危险。

产品和性能说明



请阅读所有安全规章和指示。 不遵照以下警告和说明可能导致电击、着火和/或严重伤害。

请注意本使用说明书开头部分的图示。

按照规定使用

本混凝土振动器设计用于在浇注中小型平面地基、条形地基、小型底板、矮墙和其他中小型建筑构件时振实各种混凝土。混凝土振动器可将混凝土混合均匀并消除夹杂的空气，从而提高混凝土的硬度和强度。

插图上的机件

图示组件的编号和产品详解图上的编号一致。

- (1) 电源开关的解锁按钮
- (2) 电源开关
- (3) 电池盒解锁杆
- (4) 电池盒盖板
- (5) 振动棒
- (6) 软管
- (7) 锁紧螺母
- (8) 挂钩
- (9) 手柄（绝缘握柄）
- (10) 充电电池^{a)}
- (11) 充电电池的解锁按钮^{a)}
- (12) 保护帽（软管）
- (13) 柔性轴
- (14) 传动轴

a) 该附件并不包含在基本的供货范围中。

技术数据

混凝土振动器		GVC18V-25-120D
物品代码		3 601 JP9 8..
额定电压	伏特 =	18
每分钟振动	vpm	≤ 12700
离心力	牛顿	≤ 1300
振动棒直径	毫米	25
软管长度 ^{A)}	米	1.2
重量 ^{B)}	公斤	4.5
防护类型		IPX4 ^{C)}
充电时建议的环境温度	摄氏度	0至+35

混凝土振动器		GVC18V-25-120D
工作时间和存放时允许的环境温度 ^{D)}	摄氏温度	-20至+50
兼容的充电电池		GBA18V... GBA 18V... ProCORE18V... EXPERT18V... EXBA18V... CORE18V...
推荐的确保全功率的充电电池		ProCORE18V... ≥ 5.5安培小时 EXPERT18V...
推荐的充电器		GAL18... GAL 18... GAL 36... GAL12V/18... GAL 12V/18... GAX 18V... EXAL18V...

- A) 包括振动棒
B) 不含充电电池（充电电池重量请查看 www.bosch-professional.com）
C) 可防止溅水
D) 温度<0摄氏度时功率受限
数值可能因不同产品而异，并且受到应用和环境条件影响。
更多信息请参见www.bosch-professional.com/wac。

充电电池

Bosch也销售不带充电电池的充电式电动工具。您可以在包装上查看电动工具的供货范围内是否包含充电电池。

为充电电池充电

▶ **请只使用在技术参数中列出的充电器。**只有这些充电器才适用于本电动工具上的锂离子电池。

提示：鉴于国际运输规定，锂离子充电电池在交货时只完成部分充电。首度使用电动工具之前，必须先充足充电电池的电量以确保充电电池的功率。

安装充电电池

- (参见插图A)
- 操作电池盒的解锁杆**(3)**，以便松开锁止装置。电池盒的盖板**(4)**自动打开。
 - 将充好电的充电电池**(10)**推入电池座，直到嵌入。
 - 关闭盖板**(4)**并将其锁止。必须听到解锁杆**(3)**卡止的声音。

取出充电电池

如需取下充电电池，则请按压解锁按钮，然后拔出充电电池。**在此过程中请勿过度用力。**
充电电池具备双重锁定功能，即使不小心触动了充电电池的解锁按钮，充电电池也不会从机器中掉落下来。只要充电电池安装在电动工具中，就会被弹簧固定在其位置上。

充电电池电量指示灯

提示：并非每种充电电池型号均具备电量指示灯。充电电池电量指示灯的绿色LED灯显示充电电池的电量。基于安全原因，只能在电动工具静止时检查充电电池的电量。

按压充电电量指示灯按键或，来显示充电电量。也可以在充电电池取下时操作。
如果按压充电电量指示灯按键后没有LED灯亮起，则说明充电电池损坏，必须进行更换。

充电电池型号GBA 18V... | GBA18V...



LED	电量
3个绿灯长亮	60–100 %
2个绿灯长亮	30–60 %
1个绿灯长亮	5–30 %
1个绿灯闪烁	0–5 %

充电电池类型 ProCORE18V... | EXPERT18V... | EXBA18V... | CORE18V...



LED	电量
5个绿灯长亮	80–100 %
4个绿灯长亮	60–80 %
3个绿灯长亮	40–60 %
2个绿灯长亮	20–40 %
1个绿灯长亮	5–20 %
1个绿灯闪烁	0–5 %

充电电池损坏风险识别

EXPERT18V... | EXBA18V...

充电电池电量指示灯的LED除了可以显示充电电池电量之外，还可以显示充电电池损坏的风险。
如需激活该功能，按住电量指示灯按钮3秒钟。充电电池的分析通过充电电池电量指示灯顺序发光来显示。结果以充电电池电量指示灯显示。

 **1个LED：**充电电池的损坏风险较高。功率和运行时间可能已经降低。建议更换充电电池。

 **5个LED：**充电电池处于良好状态，损坏风险较低。

请注意：充电电池损坏风险评估功能分两档运行，提供简单的状态评价。充电电池要么被评价为状态良好，要么就是具有较高的损坏风险。不显示电池状态的百分比。

如何正确地使用充电电池

保护充电电池，避免湿气和水分渗入。
充电电池必须储存在-20 °C至50 °C的环境中。夏天不得将充电电池搁置在汽车中。

不时地地使用柔软，清洁而且乾燥的毛刷清洁充电电池的通气孔。

充电后如果充电电池的使用时间明显缩短，代表充电电池已经损坏，必须更换新的充电电池。

请注意有关作废处理的规定。

安装

- ▶ **对电动工具执行任何操作（比如保养、更换刀具等）前需将充电电池从电动工具中取出。**意外操作起停开关可能会造成伤害。

固定软管和振动棒（参见插图B）

将电动工具以及软管(6)和振动棒(5)放在平坦的表面上。

将锁紧螺母(7)从电动工具上拧下。将锁紧螺母(7)以正确位置先推到振动棒(5)上方，接着推到软管(6)上方。将保护帽(12)从软管(6)中拔出。将软管(6)通过柔性轴(13)的尖端插入传动轴(14)中。将软管(6)用锁紧螺母(7)顺时针拧紧。

吸锯尘/吸锯屑

含铅的颜料以及某些木材、矿物和金属的加工废尘有害健康。机器操作者或者工地附近的人如果接触、吸入这些废尘，可能会有过敏反应或者感染呼吸道疾病。

某些尘埃（例如加工橡木或山毛榉的废尘）可能致癌，特别是和处理木材的添加剂（例如木材的防腐剂等）结合之后。只有经过专业训练的人才能够加工含石棉的物料。

– 工作场所要保持空气流通。

– 最好佩戴P2滤网等级的口罩。

请留心并遵守贵国和加工物料有关的法规。

- ▶ **避免让工作场所堆积过多的尘垢。**尘埃容易被点燃。

运行

- ▶ **对电动工具执行任何操作（比如保养、更换刀具等）前需将充电电池从电动工具中取出。**意外操作起停开关可能会造成伤害。

投入使用

- ▶ **对电动工具执行任何操作（比如保养、更换刀具等）前需将充电电池从电动工具中取出。**意外操作起停开关可能会造成伤害。

启动/关闭

使用电动工具时，操纵解锁按钮(1)，同时按压电源开关(2)并继续按住。

如要关闭电动工具，请松开电源开关(2)。

提示：基于安全考虑，电源开关(2)无法被锁定，所以操作机器时必须持续地按住开关。

振动混凝土

– 接通电动工具的电源。

– 让振动棒(5)依靠自重沉入混凝土中。不要强行插入。

根据应用情况，每次插入后的振动时间约为10至20秒(参见“有关操作方式的指点”，页9)。

– 关闭电动工具。

有关操作方式的指点

- ▶ **避免混凝土溅出。**否则会使操作者滑倒并失去对电动工具的控制。
- ▶ **如果振动棒不在混凝土中，不要长时间开启电动工具。**否则会缩短轴承的寿命。

在马上开始工作前才启动电动工具。

采取安全稳定的工作姿势。身体不要过分向前弯曲。

让振动棒依靠自重沉入搅拌物中。不要强行插入。

避免马达过载以及弯折软管，否则柔性轴会折断。

每次插入后的振动时间为10至20秒。如果搅拌物表面光洁且不再出现气泡，说明已充分振实。振动时间过长会造成搅拌物离析（砂子、石子和水泥分离）以及强度变低。因此要注意观察工作进度。

将振动棒以8到10倍振动棒直径的间距插入搅拌物中，例如振动棒直径为25毫米，插入间距为25厘米；振动棒直径为35毫米，插入间距为35厘米，以此类推。

参见插图C： $X = (8 \sim 10) \times \varnothing_{\text{振动棒}}$

对于连续浇注的混凝土层，必须将振动棒插入到已振实的下层的10至15厘米深处，以实现两层混凝土之间良好的黏着。

在马达运转时将振动棒慢慢地从搅拌物中拉出，以免在振实的表面上形成气泡或凹陷。

避免长时间接触模板或钢筋，防止模板受损或振动棒卡在钢筋之间。如果振动棒卡住或缠住，不要拉拔软管。

- ▶ **将电动工具储存在安全的地方。确保不会翻倒。**否则可能会损坏电动工具。

挂钩（参见插图D）

使用挂钩(8)可以把电动工具挂到比如脚手架上。为此，向外翻出挂钩(8)。

如果要使用电动工具，则重新合起挂钩(8)。

维修和服务

维护和清洁

- ▶ **对电动工具执行任何操作（比如保养、更换刀具等）前需将充电电池从电动工具中取出。**意外操作起停开关可能会造成伤害。
- ▶ **保持电动工具整洁，以确保出色安全地操作。**
- ▶ **清洁时不要让水流入软管。**流入的水可能会接触到软管中的混凝土并损坏电动工具（例如轴承卡住）。

小心地保存和使用附件。

- ▶ **使用后清洁软管和振动棒，以免混凝土粘结在表面上。**

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中国大陆

电话: 400 826 8484-3-2

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Robert Bosch Power Tools GmbH
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外壳的金属部分	O	O	O	O	O	O	O	O	O	O
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机械传动机构	O	O	O	O	O	O	O	O	O	O
电机组件	O	O	O	O	O	O	O	O	O	O
控制组件	X	O	O	O	O	O	O	O	O	O
附件	X	O	O	O	O	O	O	O	O	O
配件	O	O	O	O	O	O	O	O	O	O
连接件	X	O	O	O	O	O	O	O	O	O
电源线①	O	O	O	O	O	O	O	O	O	O
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1.6 - NanoPb 0.3.9.9

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1.7 - picolibc 1.8.8

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