



PRO

GBC18V-32PS

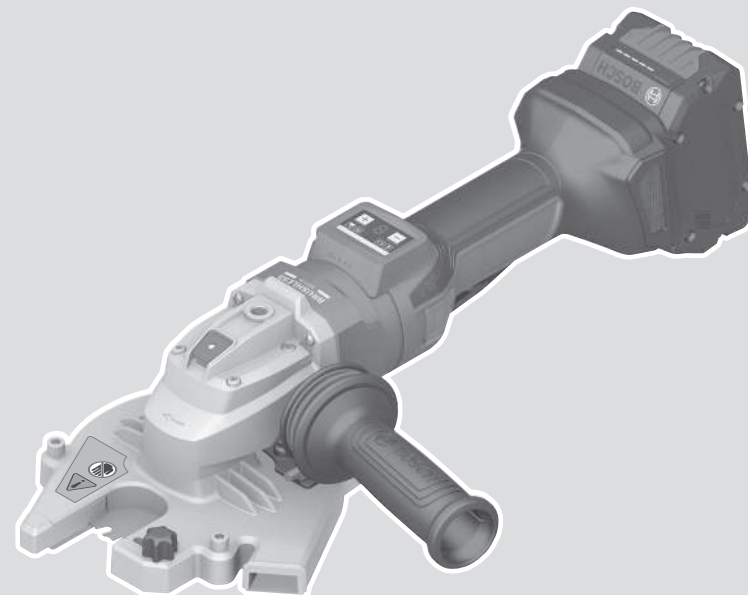
Robert Bosch Power Tools GmbH
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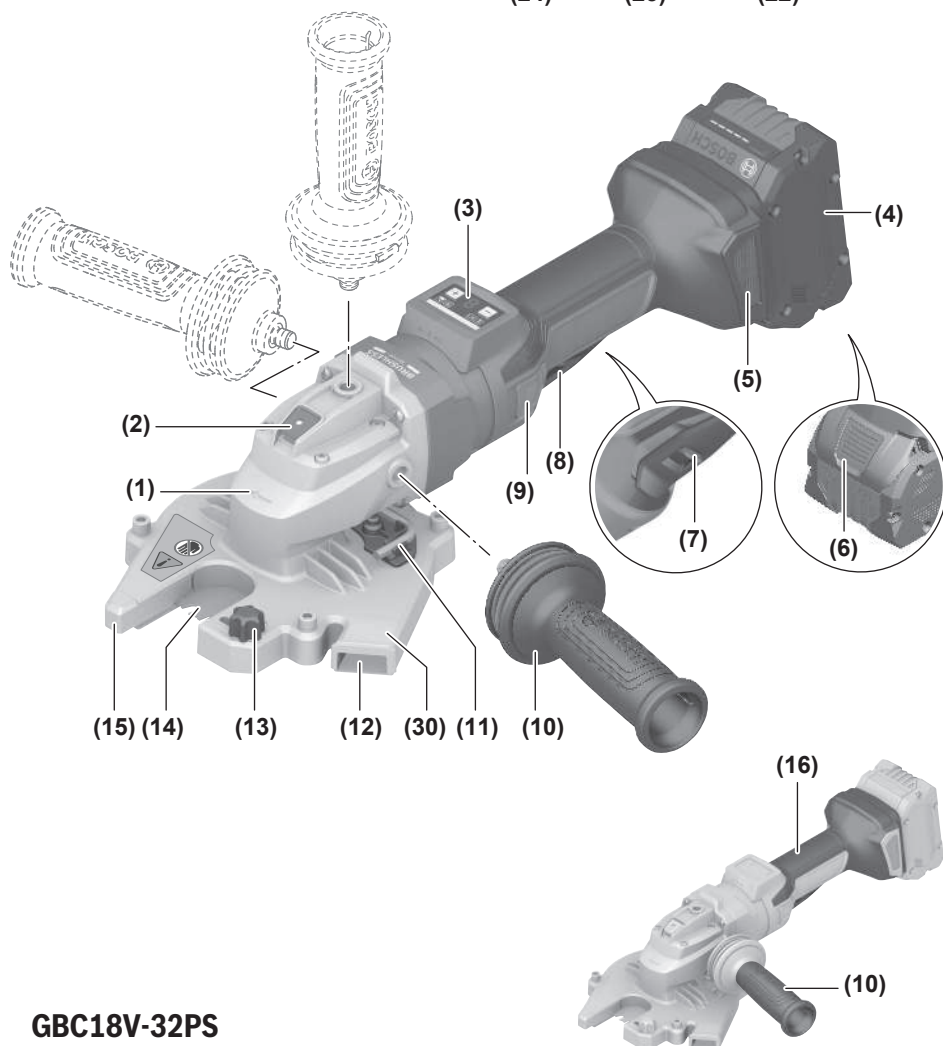
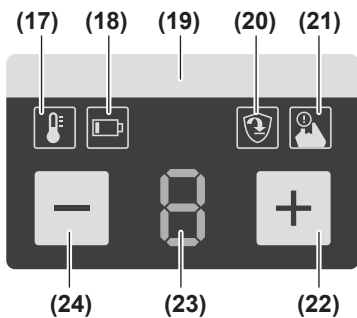


zh 原始使用說明書

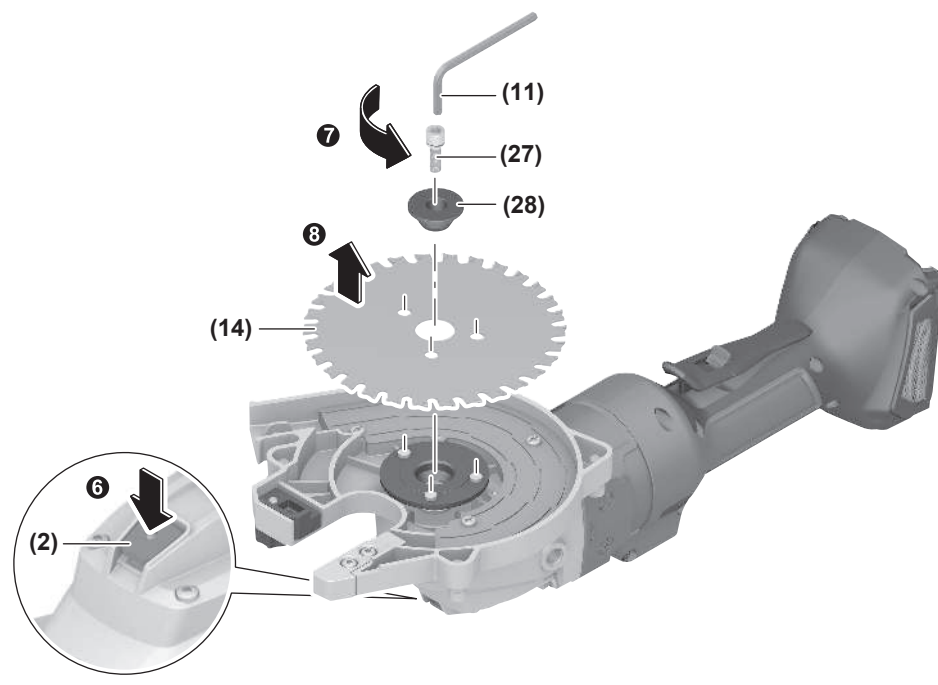
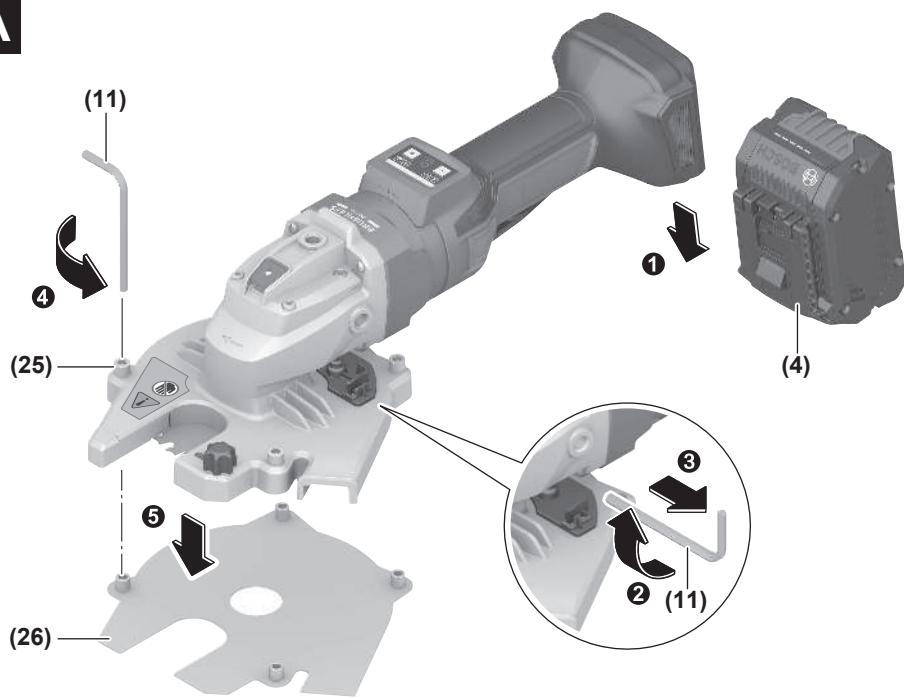


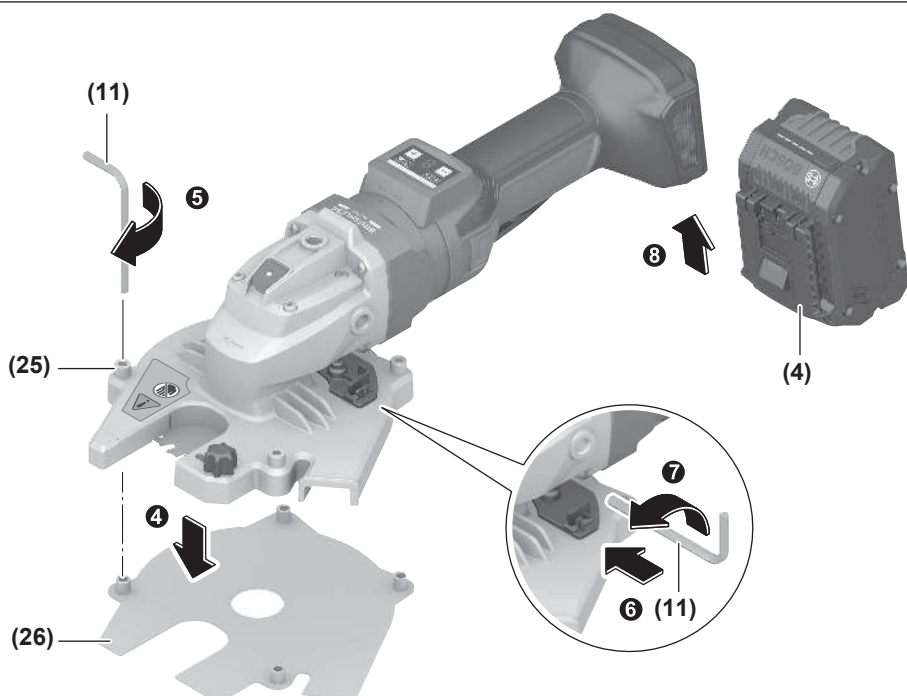
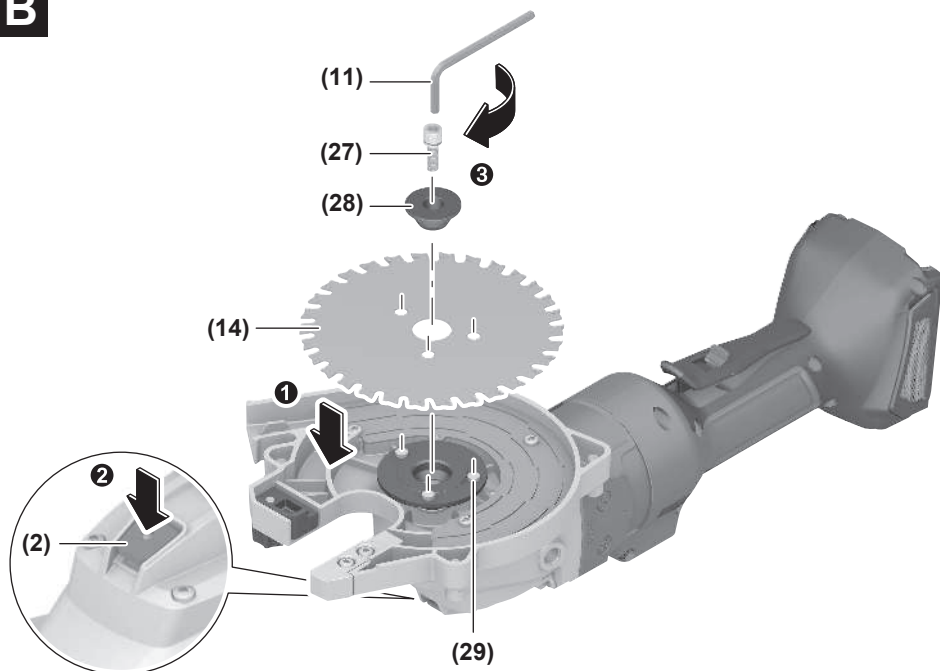
繁體中文.....	頁 8
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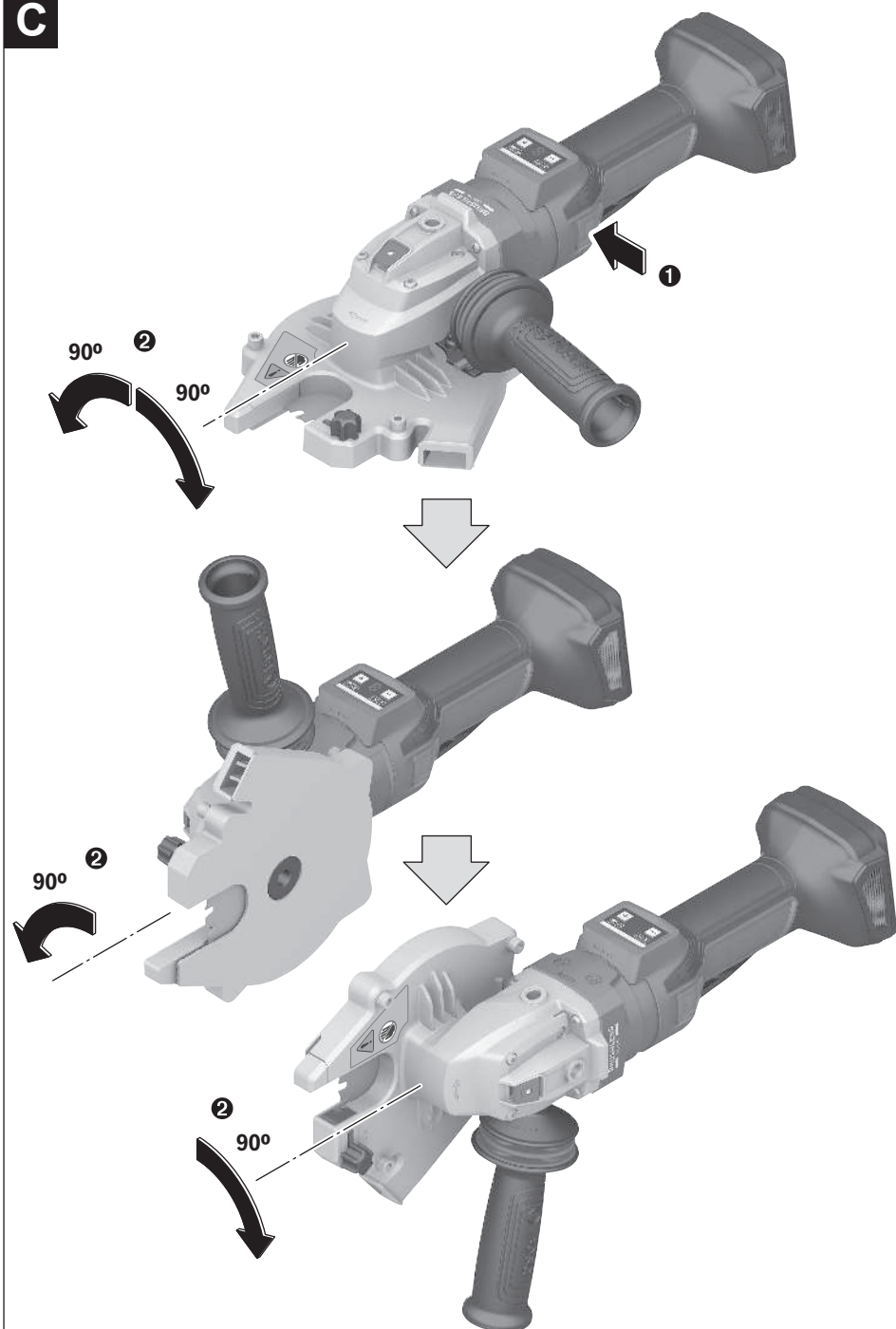


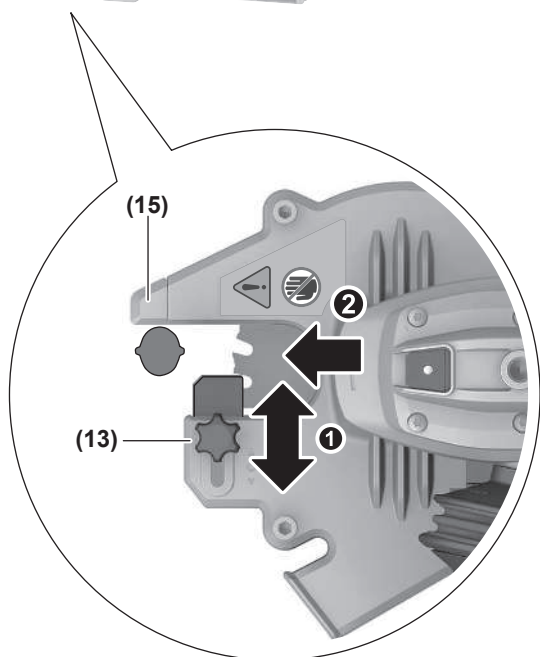
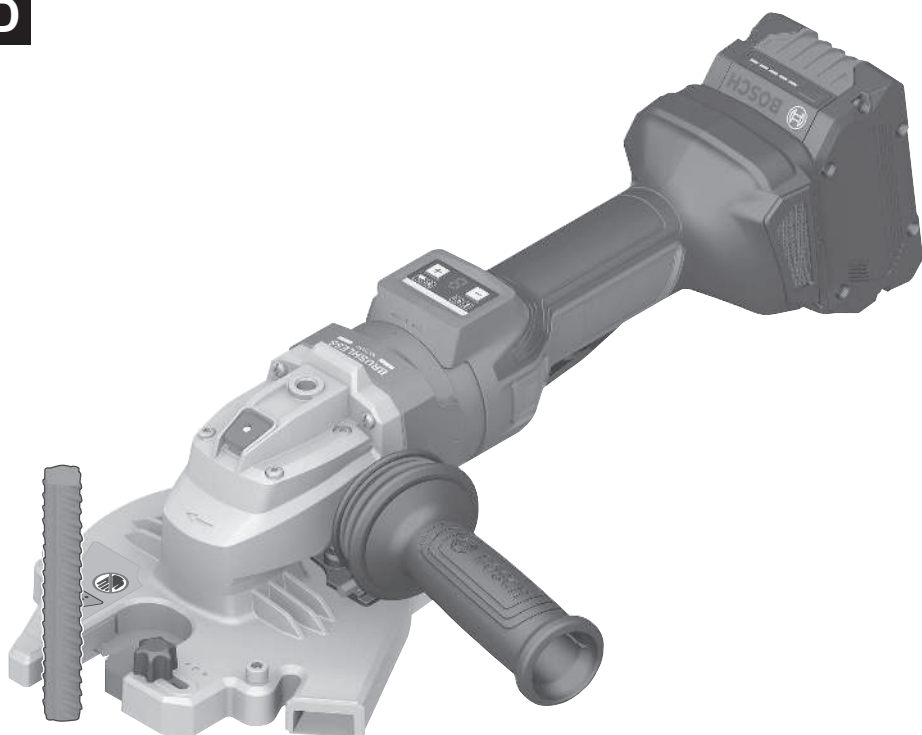


GBC18V-32PS

A

B



D

繁體中文

安全注意事項

電動工具一般安全注意事項

警告 請詳讀工作臺及電動工具的所有安全警告與使用說明。若不遵照以下列出的指示，將可能導致電擊、著火和 / 或人員重傷。

保存所有警告和說明書以備查閱。

在所有警告中，「電動工具」此一名詞泛指：以市電驅動的（有線）電動工具或是以電池驅動的（無線）電動工具。

工作場地的安全

- ▶ 保持工作場地清潔和明亮。混亂和黑暗的場地會引發事故。
- ▶ 不要在易爆環境，如有易燃液體、氣體或粉塵的環境下操作電動工具。電動工具產生的火花會點燃粉塵或氣體。
- ▶ 讓兒童和旁觀者離開後操作電動工具。注意力不集中會使您失去對工具的控制。

電氣安全

- ▶ 不得將電動工具暴露在雨中或潮濕環境中。水進入電動工具將增加電擊危險。

人身安全

- ▶ 保持警覺，當操作電動工具時關注所從事的操作並保持清醒。當您感到疲倦，或在有藥物、酒精或治療反應時，不要操作電動工具。在操作電動工具時瞬間的疏忽會導致嚴重人身傷害。
- ▶ 使用個人防護裝置。始終佩戴護目鏡。安全裝置，諸如適當條件下使用防塵面具、防滑安全鞋、安全帽、聽力防護等裝置能減少人身傷害。
- ▶ 防止意外起動。確保開關在連接電源和 / 或電池盒、拿起或搬運工具時處於關閉位置。手指放在已接通電源的開關上或開關處於接通時插入插頭可能會導致危險。
- ▶ 在電動工具接通之前，拿掉所有調節鑰匙或扳手。遺留在電動工具旋轉零件上的扳手或鑰匙會導致人身傷害。
- ▶ 手不要伸展得太長。時刻注意立足點和身體平衡。這樣在意外情況下能很好地控制電動工具。
- ▶ 著裝適當。不要穿寬鬆衣服或佩戴飾品。讓您的衣物及頭髮遠離運動部件。寬鬆衣服、佩飾或長髮可能會捲入運動部件中。
- ▶ 如果提供了與排屑、集塵設備連接用的裝置，要確保他們連接完好且使用得當。使用這些裝置可減少塵屑引起的危險。
- ▶ 切勿因經常使用工具所累積的熟練感而過度自信，輕忽工具的安全守則。任何一個魯莽的舉動都可能瞬間造成人員重傷。

電動工具使用和注意事項

- ▶ 不要濫用電動工具，根據用途使用適當的電動工具。選用適當設計的電動工具會使您工作更有效、更安全。
- ▶ 如果開關不能開啟或關閉工具電源，則不能使用該電動工具。不能用開關來控制的電動工具是危險的且必須進行修理。
- ▶ 在進行任何調整、更換配件或貯存電動工具之前，必須從電源上拔掉插頭並 / 或取出電池盒。這種防護性措施將減少工具意外起動的危險。
- ▶ 將閒置不用的電動工具貯存在兒童所及範圍之外，並且不要讓不熟悉電動工具或對這些說明不瞭解的人操作電動工具。電動工具在未經培訓的用戶手中是危險的。
- ▶ 保養電動工具與配備。檢查運動件是否調整到位或卡住，檢查零件破損情況和影響電動工具運行的其他狀況。如有損壞，電動工具應在使用前修理好。許多事故由維護不良的電動工具引發。
- ▶ 保持切削刀具鋒利和清潔。保養良好的有鋒利切削刃的刀具不易卡住而且容易控制。
- ▶ 按照使用說明書，考慮作業條件和進行的作業來使用電動工具、配件和工具的刀頭等。將電動工具用於那些與其用途不符的操作可能會導致危險。
- ▶ 把手及握持區應保持乾燥、潔淨，且不得沾染任何油液或油脂。易滑脫的把手及握持區將無法讓您在發生意外狀況時安全地抓緊並控制工具。

電池式工具使用和注意事項

- ▶ 只用製造商規定的充電器充電。將適用於某種電池盒的充電器用到其他電池盒時會發生著火危險。
- ▶ 只有在配有專用電池盒的情況下才使用電動工具。使用其他電池盒會發生損壞和著火危險。
- ▶ 當電池盒不用時，將它遠離其他金屬物體，例如回形針、硬幣、鑰匙、釘子、螺絲或其他小金屬物體，以防一端與另一端連接。電池端部短路會引起燃燒或火災。
- ▶ 在濫用條件下，液體會從電池中濺出；避免接觸。如果意外碰到了，用水沖洗。如果液體碰到了眼睛，還要尋求醫療幫助。從電池中濺出的液體會發生腐蝕或燃燒。
- ▶ 請勿使用已受損或經改裝的電池盒。已受損或經改裝的電池組可能出現無法預期的反應，進而導致著火、爆炸或造成人員受傷。
- ▶ 勿讓電池盒或工具靠近火源或暴露於異常溫度環境中。若是靠近火源或暴露在超過 130 °C 的環境中可能造成爆炸。
- ▶ 請完全遵照所有的充電說明，電池盒或工具的溫度若是超出指示的規定範圍，請勿進行充電。不當充電或是在未規定的溫度範圍內進行充電，皆可能造成電池損壞並面臨更高的著火風險。

檢修

- ▶ 將您的電動工具送交專業維修人員，必須使用同樣的備件進行更換。這樣將確保所維修的電動工具的安全性。

- ▶ 請勿自行檢修受損的電池盒。電池組應交由製造商或是獲得授權的服務供應商來進行檢修。

鋼筋切割機安全注意事項



請勿將手靠近切割區域和旋轉中的鋸片。您可能會受到重傷。



操作過程中，請務必雙手握住指定的握把，並切勿將手伸入切割區域。握把應保持乾燥、乾淨並且上面不可沾有油脂。如此才能有效率和安全地工作。

- ▶ 操作電動工具時一定要使用底板。搭配安裝的底板，才能有效率和安全地工作。
- ▶ 本產品僅可使用符合技術資料中規格的可磨鋸片。將鋸片用於其他用途會導致過度磨損、鋸片脫落、切割性能下降和過度發熱，而可能損壞鋸片並造成重傷。
- ▶ 請勿使用鈍化或損壞的鋸片。鋸片的鋸齒鈍化或錯位會導致摩擦力增高、鋸片卡住，並因切割間隙過窄而造成反彈。
- ▶ 使用合適的偵測裝置偵察隱藏的電線，或者向當地的相關單位尋求支援。接觸電線可能引起火災並讓操作者觸電。若損壞瓦斯管會引起爆炸。如果水管被刺穿會導致財物損失。
- ▶ 進行作業時，負責進行切割的配件可能會碰觸到隱藏的配線，請務必從絕緣握把處拿持電動工具。若是觸及「帶電」的電線，可能導致電動工具外露的金屬部件「帶電」，進而使操作人員遭受電擊。
- ▶ 將電動工具移至工作位置並用雙手握緊後，才可將其啟動。如此可避免失控反彈。
- ▶ 作業時會產生高溫和高鋒利的金屬屑，接觸皮膚時將導致割傷和燙傷。請穿著合身的衣物。
- ▶ 電動工具達到最高轉速後，才可開始切割。若工件在馬達啟動前與鋸片接觸，則會導致過載和鋸片損壞，並可能導致重傷。
- ▶ 如果發生反彈，請勿繼續對工件進行切割。將電動工具從工件上移開，讓鋸片達到全速運轉，然後小心地繼續切割。在工件上重新啟動電動工具時，鋸片可能會再次卡住或引起反彈。
- ▶ 若鋸片在切割處卡住或夾住，則會受阻並可能引發反彈。這會導致電動工具不受控制地移動。
- ▶ 作業時可能會產生火花和高溫的金屬屑，並引燃附近的易燃材料或損壞表面。確保工作環境中沒有易燃材料，並保護脆弱的表面。
- ▶ 避免在操作期間觸摸電動工具的頂部。其溫度可能極高並使您受傷。
- ▶ 鋸片和其他金屬部位可能極為高溫或具有鋒利的邊緣。在更換鋸片時請戴上防護手套。
- ▶ 在高處作業時，請確保下方無人員停留。掉落的碎屑或材料殘留物可能會造成事故。
- ▶ 直到嵌件工具完全停止運動才放下本電動工具。旋轉的嵌件工具可能會嚴重傷害您的手，或碰觸到置放面而不受控制地移動。

- ▶ 如果充電電池損壞了，或者未按照規定使用充電電池，充電電池中會散發出有毒蒸氣。充電電池可能起火或爆炸。工作場所必須保持空氣流通，如果身體有任何不適必須馬上就醫。充電電池散發的蒸氣會刺激呼吸道。
- ▶ 切勿改裝拆開充電電池。可能造成短路。
- ▶ 尖銳物品（例如釘子或螺絲起子）或是外力皆有可能造成充電電池損壞。進而導致內部短路而發生電池起火、冒煙、爆炸或過熱等事故。
- ▶ 僅可在製造商的產品中使用充電電池。如此才可提供過載保護。



保護充電電池避免高溫（例如長期日照）、火焰、污垢、水液和濕氣的侵害。有爆炸及短路之虞。

符號

以下符號可以幫助您正確地使用本電動工具。請牢記各符號和它們的代表意義。正確了解各符號代表的意思，可以幫助您更有把握更安全地操作本電動工具。



請佩戴護目鏡。

產品和功率描述



請詳讀所有安全注意事項和指示。如未遵守安全注意事項與指示，可能導致火災、人員遭受電擊及 / 或重傷。請留意操作說明書中最前面的圖示。

依規定使用機器

本電動工具專為建築業中針對鋼筋和低碳鋼螺桿的對齊或自由切割而設計。

插圖上的機件

機件的編號和電動工具詳解圖上的編號一致。

- (1) 機殼上的旋轉方向指示箭頭
- (2) 主軸鎖止按鈕
- (3) 使用者介面
- (4) 充電電池^{a)}
- (5) 粉塵過濾器 (2 個)
- (6) 充電電池解鎖按鈕^{a)}
- (7) 起停開關的解鎖桿
- (8) 起停開關
- (9) 旋轉機頭按鈕
- (10) 具備減震功能的輔助手柄（絕緣握柄）
- (11) 內六角扳手
- (12) 排氣
- (13) 開口寬度調整螺栓

- (14) 鋸片
- (15) 導向輔助件
- (16) 把手 (絕緣握柄)
- (17) 溫度指示器 (使用者介面)
- (18) 充電電池低電量指示器 (使用者介面)
- (19) 電動工具狀態指示器 (使用者介面)
- (20) 反彈斷電功能指示器 (使用者介面)
- (21) 過載指示器 (使用者介面)
- (22) 速度增加按鈕 (使用者介面)
- (23) 轉速檔位/模式指示器 (使用者介面)
- (24) 速度降低按鈕 (使用者介面)
- (25) 螺栓 (4 個)
- (26) 底板
- (27) 夾緊螺栓
- (28) 緊固法蘭
- (29) 定心銷 (3 個)
- (30) 碎屑袋支架

a) 所述之配件並不包含在基本的供貨範圍中。

技術性數據

鋼筋切割器	GBC18V-32PS	
產品機號	3 601 JS7 0..	
額定電壓	V=	18
無負載轉速	min ⁻¹	1700-2000
適用於鋼筋的切割能力	mm	10-32
鋸片直徑	mm	136
反彈斷電功能		●
防止再起動功能		●
制止慣性轉動功能		●
緩速起動		●
撞擊斷電功能		●
過載保護		●
轉速預設		●
重量 ^{A)}	kg	3.3
尺寸 (長 x 寬 x 高)	mm	445 x 186 x 114
充電狀態下的建議環境溫度	°C	0...+35
操作狀態下的容許環境溫度 ^{B)} 以及存放狀態下	°C	-20...+50
相容的充電電池	GBA18V... GBA 18V... ProCORE18V... EXPERT18V... EXBA18V... CORE18V...	
為確保最大效能而建議使用的充電電池	ProCORE18V... ≥ 8.0 Ah EXPERT18V... ≥ 5.5 Ah	

鋼筋切割器

GBC18V-32PS

建議使用的充電器

GAL18...
GAL 18...
GAL 36...
GAL12V/18...
GAL 12V/18...
GAX 18...
EXAL18...

A) 不含充電電池 (您可在 www.bosch-professional.com 找到充電電池重量)

B) 溫度 <0 °C 時, 性能受限

數值可能因產品而異, 並受使用條件以及環境條件影響。進一步資訊請見 www.bosch-professional.com/wac。

反彈斷電功能



電動工具驟然反彈時 (例如卡死在切口內), 將中斷饋送至馬達的供電。此時, 反彈斷電功能指示器 (20) 將亮起。反彈斷電功能啟用時, 狀態指示器 (19) 呈紅色閃爍狀態。

若想要讓工具**重新運轉**, 請將起停開關 (8) 移至關閉位置, 然後再重新啟動電動工具。

防止再起動功能



防止再起動功能可以避免電動工具在供電中斷之後, 突然失控地再度起動。

若想要讓工具**重新運轉**, 請將起停開關 (8) 移至關閉位置, 然後再重新啟動電動工具。

制止慣性轉動功能



本電動工具備有電子制止慣性轉動功能。關閉電動工具時, 鋸片會在幾秒內完全靜止。

緩速起動

電子控制的緩速起動功能可以限制開機時的扭力, 並使電動工具能在極小衝擊的情況下起動。

提示: 開機後, 電動工具若馬上以最大轉速開始運轉, 代表緩速起動和防止再起動功能故障了。電動工具必須儘快送回顧客服務處, 詳細寄送地址請參閱「顧客服務處和顧客諮詢中心」。

撞擊斷電功能



電動工具內建撞擊斷電功能, 一碰撞地面就會隨即斷電開機。若想要讓工具**重新運轉**, 請將起停開關 (8) 移至關閉位置, 然後再重新啟動電動工具。

過載保護

只要按照規定使用, 電動工具就不可能過載。嚴重負載或超出允許的充電電池溫度範圍時, 會自動關閉。然後關閉電動工具, 並停止導致電動工具過載的作業。然後重新啟動電動工具, 以重新開始作業程序。

轉速預設

原廠設定中已預設 2 個轉速檔位。

預設的轉速檔位	[min ⁻¹]
1	1700
2	2000

此處提供的轉速檔位資料需視所使用的充電電池、充電電池的電量和裝置的操作溫度而定。

您可使用轉速設定按鈕 **(22)** 和 **(24)** 預選所需轉速。下表資料皆為建議值。

工件物料	用途	嵌件工具	轉速檔位
鋼筋	切割	鋸片	1/2
低碳鋼螺桿	切割	鋸片	1/2

本產品達到最大轉速後，再開始切割。如果鋸片在啟動馬達前碰到工件，則會使鋸片過載並可能導致嚴重傷害。選擇第 2 級，以達最高切割速度。選擇第 1 級，以減少火花產生。

充電電池

Bosch 亦販售不含充電電池的充電式電動工具。可以從外包裝看出電動工具的供貨範圍是否包括電池。

為充電電池進行充電

► 只能選用技術性數據裡所列出的充電器。僅有這些充電器適用於電動工具所使用的鋰離子充電電池。

提示：由於國際運輸規定，出貨時鋰離子充電電池已部分充電。初次使用電動工具之前，請先將充電電池充飽電以確保充電電池蓄滿電力。

安裝充電電池

將已充飽電的充電電池推至充電電池固定座內，直到卡緊。

取出充電電池

若要取出充電電池，請按解鎖鈕，然後將充電電池抽出。**不可以強行拉出充電電池。**

本充電電池具備了雙重鎖定功能，即使不小心按壓了充電電池解鎖按鈕，充電電池也不會從機器中掉落出來。固定彈簧會把充電電池夾緊在機器中。

充電電池的電量指示器

提示：並非所有的充電電池類型都有電量指示器。充電電池的電量指示器透過綠色 LED 燈告知充電電池的目前電量。基於安全顧慮，務必在電動工具完全靜止時才能檢查充電電池的電量。按一下電量指示器按鈕  或 , 即可顯示目前的電量。即使已取出充電電池，此項功能仍可正常運作。

按壓電量顯示按鈕後，LED 燈若未亮起，即表示充電電池故障，必須予以更換。

充電電池目前的電量也會顯示在使用者介面(參見「顯示目前狀態」，頁 13)。

充電電池型號 GBA 18V... | GBA18V...



LED	容量
3 顆綠燈持續亮起	60–100 %
2 顆綠燈持續亮起	30–60 %
1 顆綠燈持續亮起	5–30 %
1 顆綠燈呈閃爍狀態	0–5 %

充電電池型號 ProCORE18V... | EXPERT18V... | EXBA18V... | CORE18V...



LED	容量
5 顆綠燈持續亮起	80–100 %
4 顆綠燈持續亮起	60–80 %
3 顆綠燈持續亮起	40–60 %
2 顆綠燈持續亮起	20–40 %
1 顆綠燈持續亮起	5–20 %
1 顆綠燈呈閃爍狀態	0–5 %

電池缺陷風險檢測

EXPERT18V... | EXBA18V...

電池電量指示器的 LED 燈除了顯示電池的充電狀態外，還可顯示電池缺陷的風險。

要啟用此功能，請按住電量指示器按鈕  3 秒鐘。電池電量指示器上的跑動燈號會顯示電池的分析結果。結果會顯示在電池電量指示器上。

 **1 個 LED 燈：**電池有很高的缺陷風險。效能和運作時間可能已經降低。建議更換電池。

 **5 個 LED 燈：**充電電池狀況良好，故障風險低。

請注意：電池缺陷風險評估分為兩個階段，並提供簡化的狀況評估。電池會被評估為狀況良好或缺陷風險增加。不會顯示電池狀況的百分比。

如何正確地使用充電電池

妥善保護充電電池，避免濕氣和水分滲入。

充電電池必須儲存在 -20 °C 至 50 °C 的環境中。夏天不可以把充電電池擱置在汽車中。

偶爾用柔軟、乾淨且乾燥的毛刷清潔充電電池的通氣孔。

充電後如果充電電池的使用時間明顯縮短，代表充電電池已經損壞，必須更換新的充電電池。

請您遵照廢棄物處理相關指示。

安裝

► 所使用的鋸片的最高許可轉速必須高於電動工具的無負載轉速。

拆卸/安裝鋸片

- ▶ 在電動工具上進行任何作業之前（例如維修，更換工具等等），請將機器中的電池取出。若是不小心觸動起停開關，可能造成人員受傷。
- ▶ 安裝鋸片時務必戴上防護手套。手如果接觸鋸片可能被割傷。
- ▶ 所使用的鋸片必須符合本操作說明書中以及電動工具上所載述之特性參數。

拆卸鋸片（請參考圖 A）

- 使用隨附的內六角扳手（11）鬆開 4 顆螺絲（25）。
- 拆卸底板（26）。
- 按壓主軸鎖止按鈕（2）不要放開。
- ▶ 待電鋸主軸完全靜止後，才可以使用主軸鎖止鍵（2）。否則可能造成電動工具損壞。
- 使用內六角扳手（11）將夾緊螺栓（27）旋出。
- 取出緊固法蘭（28）和鋸片（14）。

安裝鋸片（請參考圖 B）

- 請清潔鋸片（14）以及所有即將裝上的緊固件。
- 安裝鋸片（14）。鋸齒的鋸切方向（即鋸片上的箭頭方向）必須與機殼上的旋轉方向指示箭頭（1）一致。請確保 3 個定心銷（29）與鋸片上的孔位咬合。
- 裝上緊固法蘭（28）並旋入夾緊螺栓（27）。
- 按壓主軸鎖止按鈕（2）不要放開。
- 使用內六角扳手（11）將固定螺栓（27）旋緊。
- 裝上底板（26）並將其使用 4 個螺栓（25）鎖緊。

具備減震功能的輔助手柄

提示：本鋼筋切割器 GBC18V-32PS 的供貨範圍包含一個具備減震功能的輔助手柄（10）。出於人體工學和作業安全因素，請務必使用本操作說明書中所述具備減震功能的輔助手柄（10）。

根據工作方式，將輔助手柄（10）安裝在機頭的右側或左側。

- ▶ 操作電動工具時務必使用輔助手柄（10）。
- ▶ 若輔助手柄（10）已受損，請勿繼續使用電動工具。切勿對輔助手柄（10）進行任何變造。



具備減震功能的輔助手柄（10）不僅能夠降低工作時的震動，更可以提高操作機器的舒適性和確保工作安全。

吸鋸塵 / 吸鋸屑

避免在未採取減塵措施的情況下進行工作。適合的集塵盒可減少危害健康的粉塵污染。工作場所要保持空氣流通。原則上，請使用適合的呼吸防護裝置。為確保最佳吸塵效果，請適時清空集塵盒並定期清潔濾芯。

- ▶ 避免讓工作場所堆積過多的塵垢。塵埃容易被點燃。

機器本身的吸塵裝備

將碎屑袋的開口處裝到支架（30）上並將其使用拉帶固定。用力拉動碎屑袋，以確保其已正確固定。

旋轉機頭（請參考圖 C）

- ▶ 在電動工具上進行任何作業之前（例如維修，更換工具等等），請將機器中的電池取出。若是不小心觸動起停開關，可能造成人員受傷。

您可以將機頭向左或向右轉動 90°。如此即能夠在特殊的工作狀況下，把起停開關（8）移至比較容易操作的位置。

將起停開關（8）設定在「OFF」位置。

按下按鈕（9）並將機頭轉到所需位置（請參考圖 C）。

只有當機頭處於正確位置時，才能啟動起停開關（8）。

操作

- ▶ 勿讓電動工具因過載而停止轉動。
- ▶ 在電動工具上進行任何作業之前（例如維修，更換工具等等），請將機器中的電池取出。若是不小心觸動起停開關，可能造成人員受傷。
- ▶ 無法穩固站位的工件需要另外夾緊。
- ▶ 電動工具負載過重之後，必須空轉數分鐘，讓嵌件工具冷卻。
- ▶ 不可以把電動工具安裝在切割研磨架上操作。

設定開啟寬度（請參考圖 D）

鬆開開口寬度調整螺栓（13）。將續調塊向左或向右推，以達到所需的開啟寬度。在進行作業之前，請務必先確認螺栓（13）已旋緊固定。

作業注意事項

切割鋼筋

為待進行的切割作業選擇合適的設定（參見「設定開啟寬度（請參考圖 D）」，頁 12）。

請勿觸摸旋轉部件，否則可能造成嚴重傷害。

啟動馬達後，請勿立即開始切割。請先讓鋸片達到全速轉速後，再開始切割。

請選擇較低的轉速設定，以避免火花噴濺。

切割程序一開始和結束時，請放慢前進操作（切割運動）的速度。

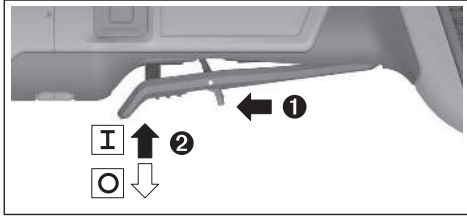
請勿使用直徑 10 mm 以下的鋸片切割鋼筋。

請勿切割長度 20 mm 以下的鋼筋，因為切割下來的那一部分會插在鋸片（14）和底板（26）之間，可能導致損壞和嚴重傷害。

啟動後，請將導向輔助件（15）確實裝在鋼筋上。將本電動工具慢慢地往前推，開始切割補強鐵。

操作機器

啟動 / 關閉



若要讓電動工具**運轉**，請將解鎖桿 **(7)** 向前推，然後將起停開關 **(8)** 向上按。

放開起停開關 **(8)**，即可讓電動工具**停止運轉**。

使用者介面

使用者介面 **(3)** 可用來預設轉速以及示意電動工具的目前狀態。

顯示目前狀態

溫度指示器 (17)	代表意義/原因	解決辦法
黃色	已達到臨界溫度（電子部件、充電電池）	讓電動工具空轉並降溫冷卻
紅色	電動工具過熱並隨即關機	讓電動工具降溫冷卻
充電電池的電量指示器（使用者介面）(18)	代表意義 / 原因	解決辦法
黃色	充電電池的電量即將用盡	儘快更換充電電池或為其充電
紅色	充電電池的電量耗盡	更換充電電池或為其充電
電動工具狀態指示器 (19)	代表意義/原因	解決辦法
綠色	正常狀態	—
黃色	已達到臨界溫度、充電電池的電量即將用盡，或偵測到過載	讓電動工具空轉和冷卻，或是降低負載，直到電動工具正常運作
亮起紅燈	電動工具過熱或充電電池的電量耗盡	讓電動工具降溫冷卻，或是更換充電電池/為其充電
紅色閃爍	已觸發反彈斷電功能、防止再起動功能或撞擊斷電功能	先將電動工具關機，然後再重新啟動
過載指示器（使用者介面）(21)	代表意義/原因	解決辦法
黃色	偵測到過載	降低負載，直到電動工具正常運作

維修和服務

保養與清潔

- ▶ 在電動工具上進行任何作業之前（例如維修，更換工具等等），請將機器中的電池取出。若是不小心觸動起停開關，可能造成人員受傷。
- ▶ 電動工具和通風口都必須保持清潔，這樣才能夠提高工作品質和安全性。

小心地保存和使用配件。

顧客服務處和顧客諮詢中心

台灣進口商

電話: (02) 7734 2588

製造商地址:

Robert Bosch Power Tools GmbH

羅伯特· 博世電動工具有限公司

70538 Stuttgart / GERMANY

70538 斯圖加特/ 德國

我們的服務地址和保固條件連結可在最後一頁找到。

當您需要諮詢或訂購備用零件時，請務必提供本產品型號銘牌上 10 位數的產品機號。

廢棄物處理

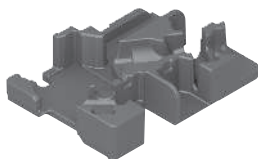
必須以符合環保的方式，將損壞的電動工具、充電電池、配件和包裝材料進行回收再利用。



不可以把電動工具和充電電池 / 拋棄式
電池丟入一般家庭垃圾中！



L-BOXX
1 605 438 1L4



6 082 850 7T3



1 602 025 0A0



1 619 PS7 651



2 608 847 416

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1.2 - CMSIS_5 - Apache-2.0

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1.5 - GCE-Math - Apache-2.0

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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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