



Nothing but **HEAVY DUTY.**



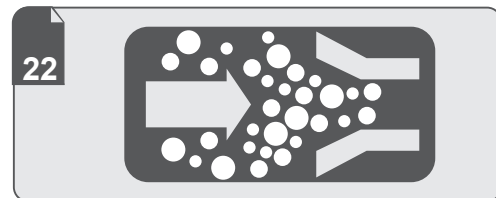
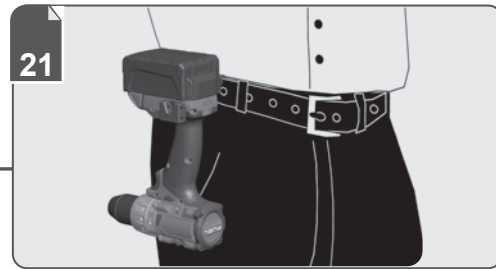
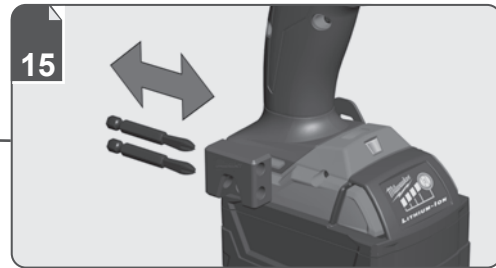
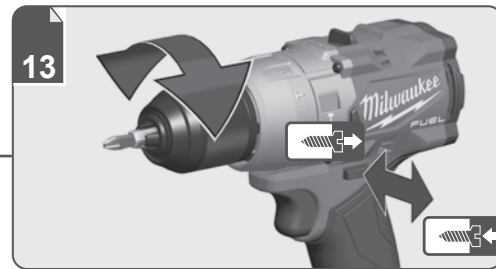
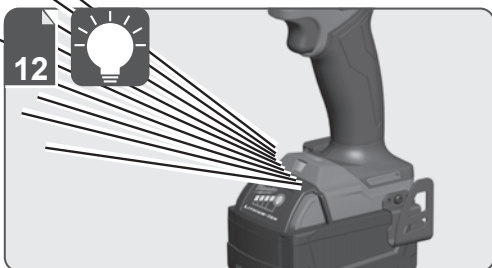
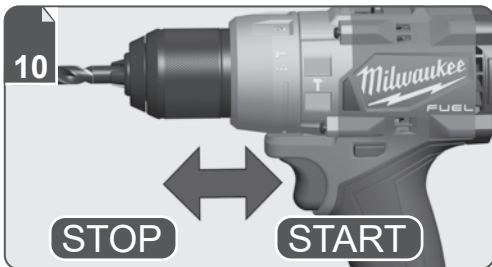
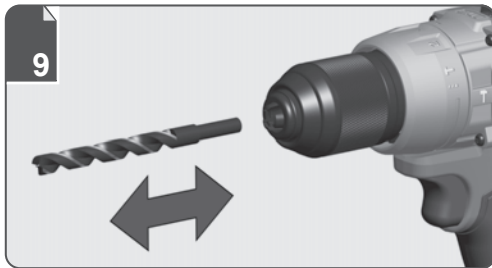
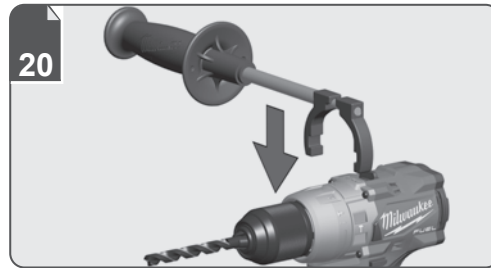
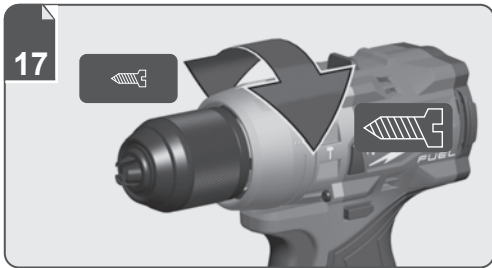
## M18 FDD3 M18 FPD3

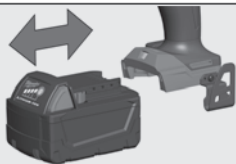
Original instructions  
Originalbetriebsanleitung  
Notice originale  
Istruzioni originali  
Manual original  
Oorspronkelijke gebruiksaanwijzing  
Original brugsanvisning  
Original bruksanvisning  
Bruksanvisning i original  
Alkuperäiset ohjeet

Πρωτότυπο οδηγιών χρήσης  
Orijinal işletme talimatı  
Původním návodem k používání  
Pôvodný návod na použitie  
Instrukcja oryginalna  
Eredeti használati utasítás  
Izvirna navodila  
Originalne pogonske upute  
Instrukcijām oriģinālvalodā  
Originali instrukcija

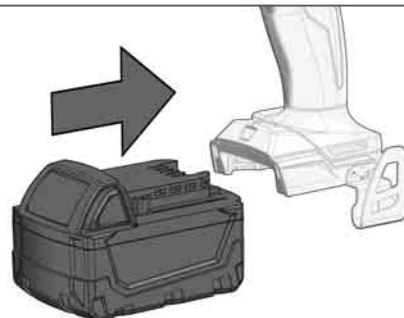
Algupärane kasutusjuhend  
Оригинальное руководство по эксплуатации  
Оригинално ръководство за експлоатация  
Instrucțiuni de folosire originale  
Оригинален прирачник за работа  
Оригінал інструкції з експлуатації  
التعليمات الأصلية

|             |                                                                                |          |   |                                                                                                                                              |          |     |
|-------------|--------------------------------------------------------------------------------|----------|---|----------------------------------------------------------------------------------------------------------------------------------------------|----------|-----|
| ENGLISH     | Picture section with operating description and functional description          | Page     | 4 | Text section with Technical Data, important Safety and Working Hints and description of Symbols                                              | Page     | 24  |
| DEUTSCH     | Bildteil mit Anwendungs- und Funktionsbeschreibungen                           | Seite    | 4 | Textteil mit Technischen Daten, wichtigen Sicherheits- und Arbeitshinweisen und Erklärung der Symbole.                                       | Seite    | 27  |
| FRANÇAIS    | Partie imagée avec description des applications et des fonctions               | Page     | 4 | Partie textuelle avec les données techniques, les consignes importantes de sécurité et de travail ainsi que l'explication des pictogrammes.  | Page     | 30  |
| ITALIANO    | Sezione illustrata con descrizione dell'applicazione e delle funzioni          | Pagina   | 4 | Sezione testo con dati tecnici, importanti informazioni sulla sicurezza e sull'utilizzo, spiegazione dei simboli.                            | Pagina   | 33  |
| ESPAÑOL     | Sección de ilustraciones con descripción de aplicación y descripción funcional | Página   | 4 | Sección de texto con datos técnicos, indicaciones importantes de seguridad y trabajo y explicación de los símbolos.                          | Página   | 36  |
| PORTUGUES   | Parte com imagens explicativas contendo descrição operacional e funcional      | Página   | 4 | Parte com texto explicativo contendo Especificações técnicas, avisos de segurança e de operação e a descrição dos símbolos.                  | Página   | 39  |
| NEDERLANDS  | Beeldgedeelte met toepassings- en functiebeschrijvingen                        | Pagina   | 4 | Tekstgedeelte met technische gegevens, belangrijke veiligheids- en arbeidsinstructies en verklaring van de symbolen.                         | Pagina   | 42  |
| DANSK       | Billeddel med anvendelses- og funktionsbeskrivelser                            | Side     | 4 | Tekstdel med tekniske data, vigtige sikkerheds- og arbejdsanvisninger og symbolforklaring.                                                   | Side     | 45  |
| NORSK       | Billedel med bruks- og funksjonsbeskrivelse                                    | Side     | 4 | Tekstdel med tekniske data, viktige sikkerhets- og arbeidsinstruksjoner og forklaring av symbolene.                                          | Side     | 48  |
| SVENSKA     | Bilddel med användnings- och funktionsbeskrivning                              | Sidan    | 4 | Textdel med tekniska informationer, viktiga säkerhets- och användningsinstruktioner samt symbolförklaringar.                                 | Sidan    | 51  |
| SUOMI       | Kuvasivut käyttö- ja toimintakuvaus                                            | Sivu     | 4 | Tekstisivut: tekniset tiedot, tärkeät turvallisuus- ja työskentelyohjeet sekä merkien selitykset.                                            | Sivu     | 54  |
| ΕΛΛΗΝΙΚΑ    | Τμήμα εικόνων με περιγραφές χρήσης και λειτουργίας                             | Σελίδα   | 4 | Τμήμα κειμένου με τεχνικά χαρακτηριστικά, σημαντικές υποδείξεις ασφαλείας και εργασίας και εξήγηση των συμβόλων.                             | Σελίδα   | 57  |
| TÜRKÇE      | Resim bölümü Uygulama ve fonksiyon açıklamaları ile birlikte                   | Sayfa    | 4 | Teknik bilgileri, önemli güvenlik ve çalışma açıklamalarını ve de sembollerin açıklamalarını içeren metin bölümü.                            | Sayfa    | 60  |
| ČEŠTINA     | Obrazová část s popisem aplikací a funkcí                                      | Stránka  | 4 | Textová část s technickými daty, důležitými bezpečnostními a pracovními pokyny a s vysvětlivkami symbolů                                     | Stránka  | 63  |
| SLOVENSKY   | Obrazová časť s popisom aplikácií a funkcií                                    | Stránka  | 4 | Textová časť s technickými dátami, dôležitými bezpečnostnými a pracovnými pokynmi a s vysvetlivkami symbolov                                 | Stránka  | 66  |
| POLSKI      | Część rysunkowa z opisami zastosowania i działania                             | Strona   | 4 | Część opisowa z danymi technicznymi, ważnymi wskazówkami dotyczącymi bezpieczeństwa i pracy oraz objaśnieniami symboli.                      | Strona   | 69  |
| MAGYAR      | Képes részalkalmazási- és működési leírásokkal                                 | Oldal    | 4 | Szöveges rész műszaki adatokkal, fontos biztonsági- és munkavégzési útmutatásokkal, valamint a szimbólumok magyarázata.                      | Oldal    | 72  |
| SLOVENŠČINA | Del slikez opisom uporabe in funkcij                                           | Stran    | 4 | Del besedila s tehničnimi podatki, pomembnimi varnostnimi opozorili in delovnimi navodili in pojasnili simbolov.                             | Stran    | 75  |
| HRVATSKI    | Dio sa slikamasa opisima primjene i funkcija                                   | Stranica | 4 | Dio štiva sa tehničkim podacima, važnim sigurnosnim i radnim uputama i objašnjenjem simbola.                                                 | Stranica | 78  |
| LATVISKI    | Attēla daļa ar lietošanas un funkciju aprakstiem                               | Lappuse  | 4 | Teksta daļa ar tehniskajiem parametriem, svarīgiem drošības un darbības norādījumiem, simbolu atšifrējumiem.                                 | Lappuse  | 81  |
| LIETUVIŠKAI | Paveikslėlio dalissu vartojimo instrukcija ir funkcijų aprašymais              | Puslapis | 4 | Teksto dalis su techniniais duomenimis, svarbiomis saugumo ir darbo instrukcijomis bei simbolių paaiškinimais.                               | Puslapis | 84  |
| EESTI       | Pildiosa kasutusjuhendi ja funktsioonide kirjeldusega                          | Lehekülg | 4 | Tekstiosa tehniliste näitajate, oluliste ohutus- ja tööjuhenditega ning sümbolite kirjeldustega.                                             | Lehekülg | 87  |
| РУССКИЙ     | Раздел иллюстраций с описанием эксплуатации и функций                          | Страница | 4 | Текстовый раздел, включающий технические данные, важные рекомендации по безопасности и эксплуатации, а также описание используемых символов. | Страница | 90  |
| БЪЛГАРСКИ   | Част със снимки с описания за приложение и функции                             | Страница | 4 | Част с текст с технически данни, важни указания за безопасност и работа и разяснение на символите.                                           | Страница | 93  |
| ROMÂNĂ      | Secvența de imagine cu descrierea utilizării și a funcționării                 | Pagina   | 4 | Porțiune de text cu date tehnice, indicații importante privind siguranța și modul de lucru și descrierea simbolurilor.                       | Pagina   | 96  |
| МАКЕДОНСКИ  | Дел со сликисо описи за употреба и функционирање                               | Страница | 4 | Текстуален дел со Технички карактеристики, важни безбедносни и работни упатства и објаснување на симболите.                                  | Страница | 99  |
| УКРАЇНСЬКА  | Частина з зображеннями з описом робіт та функцій                               | Сторінка | 4 | Текстова частина з технічними даними, важливими вказівками з техніки безпеки та експлуатації і поясненням символів.                          | Сторінка | 102 |
| عربي        | قسم الصور يوجد به الوصف التشغيلي والوظيفي                                      | الصفحة   | 4 | القسم النصي المزود بالبيانات الفنية والنصائح الهامة للسلامة والعمل ووصف الرموز                                                               | الصفحة   | 109 |





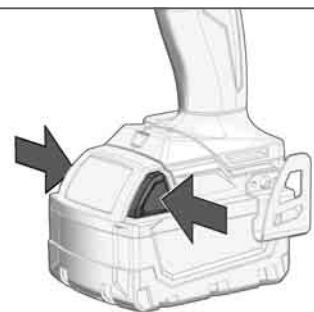
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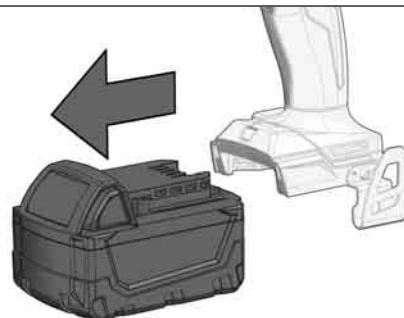
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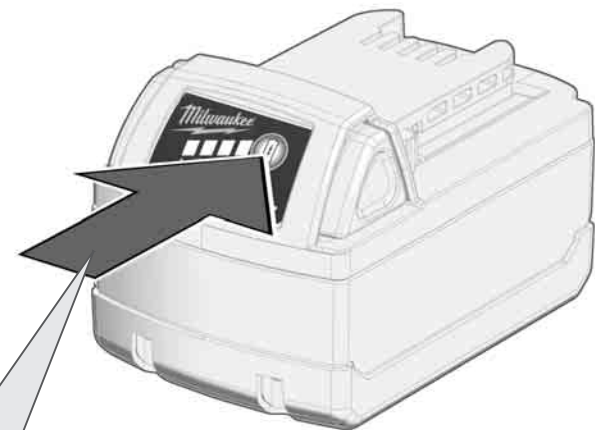
1



2



Remove the battery pack before starting any work on the machine.  
Vor allen Arbeiten an der Maschine den Wechselakku herausnehmen  
Avant tous travaux sur la machine retirer l'accu interchangeable.  
Prima di iniziare togliere la batteria dalla macchina.  
Retire la batería antes de comenzar cualquier trabajo en la máquina.  
Antes de efectuar qualquer intervenção na máquina retirar o bloco acumulador.  
Voor alle werkzaamheden aan de machine de akku verwijderen.  
Ved arbejde inden i maskinen, bør batteriet tages ud.  
Ta ut vekselbatteriet før du arbeider på maskinen  
Drag ur batteripaket innan arbete utföres på maskinen.  
Tarkista pistotulppa ja verkkojohto mahdollisilta vaurioilta. Viat saa korjata vain alan erikoismies.  
Πριν από κάθε εργασία στη μηχανή αφαιρέστε την ανταλλακτική μπαταρία.  
Aletin kenden bir çalışma yapmadan önce kartuş aküyü çıkarın.  
Před zahájením veškerých prací na vrtacím šroubováků vyjmout výměnný akumulátor.  
Pred každou pracou na stroji výmenný akumulátor vytiahnuť.  
Przed przystąpieniem do jakichkolwiek prac na elektronarzędziu należy wyjąć wkładkę akumulatorową.  
Karbantartás, javítás, tisztítás, stb. előtt az akkumulátort ki kell venni a készülékből.  
Pred deli na stroju izvlomite izmenljivi akumulator.  
Prije svih radova na stroju izvaditi bateriju za zamjenu.  
Pirms mašīnai veikt jebkāda veida apkopes darbus, ir jāizņem ārā akumulators.  
Prieš atlikdami bet kokius darbus įrenginyje, išimkite keičiamą akumuliatorių.  
Enne kõiki töid masina kallal võtke vahetavat aku välja.  
Выньте аккумулятор из машины перед проведением с ней каких-либо манипуляций.  
Преди започване на каквита е да е работи по машината извадете акумулатора.  
Scoateți acumulatorul înainte de a începe orice intervenție pe mașină.  
Отстранете ја батеријата пред да започнете да ја користите машината.  
Перед будь-якими роботами на машині ви́йняти змінну акумуляторну батарею.  
قم بإزالة حزمة البطارية قبل البدء في أي أعمال على الجهاز.



78-100 %



55-77 %



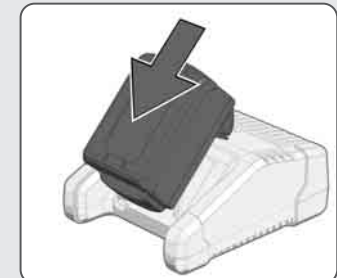
33-54 %



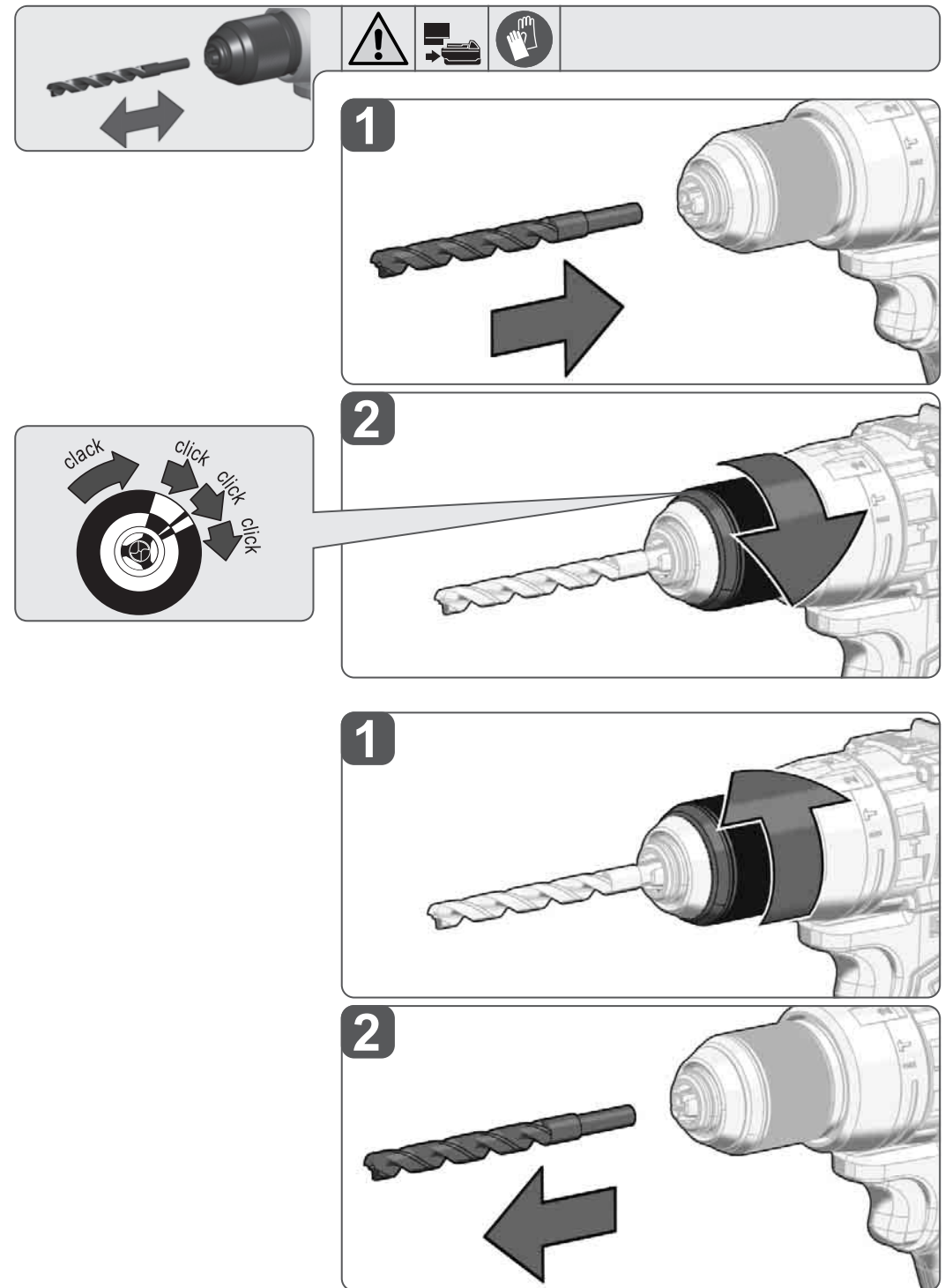
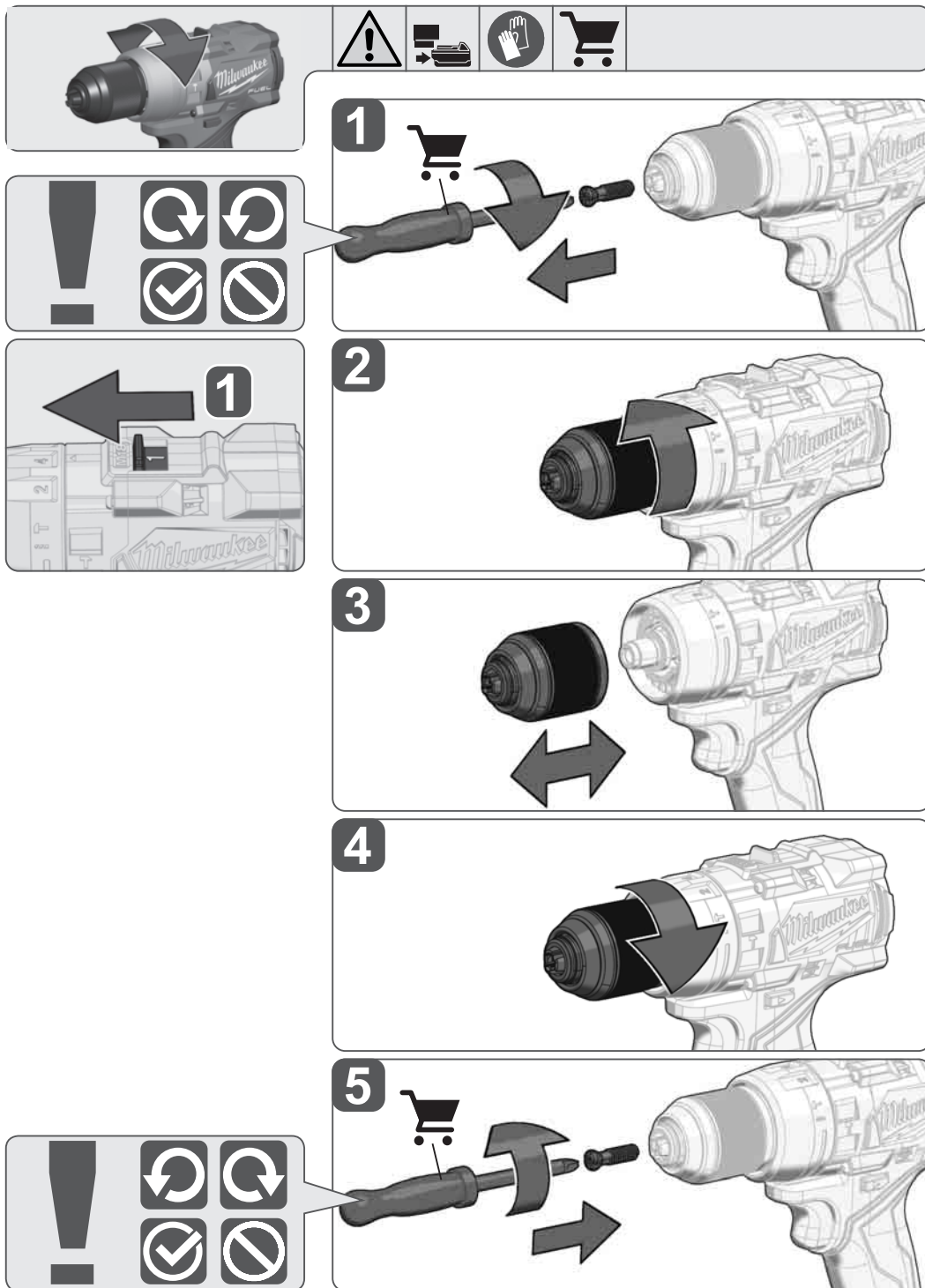
10-32 %

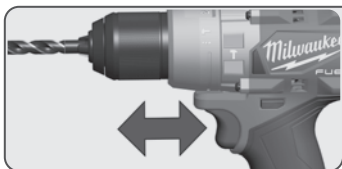


< 10 %

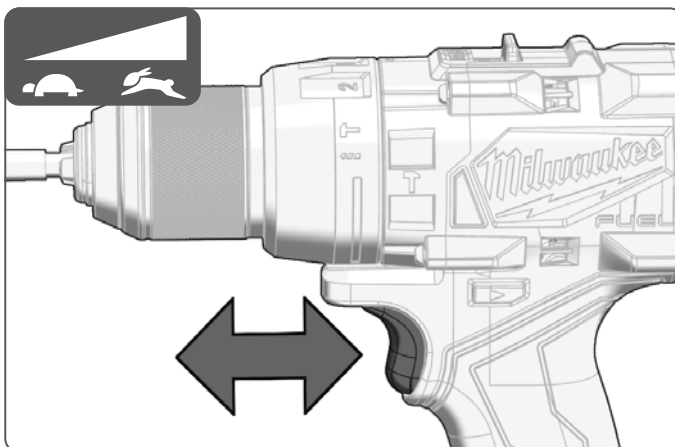
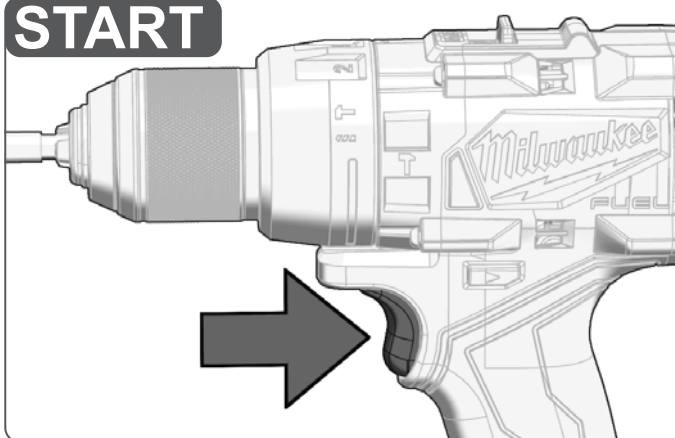




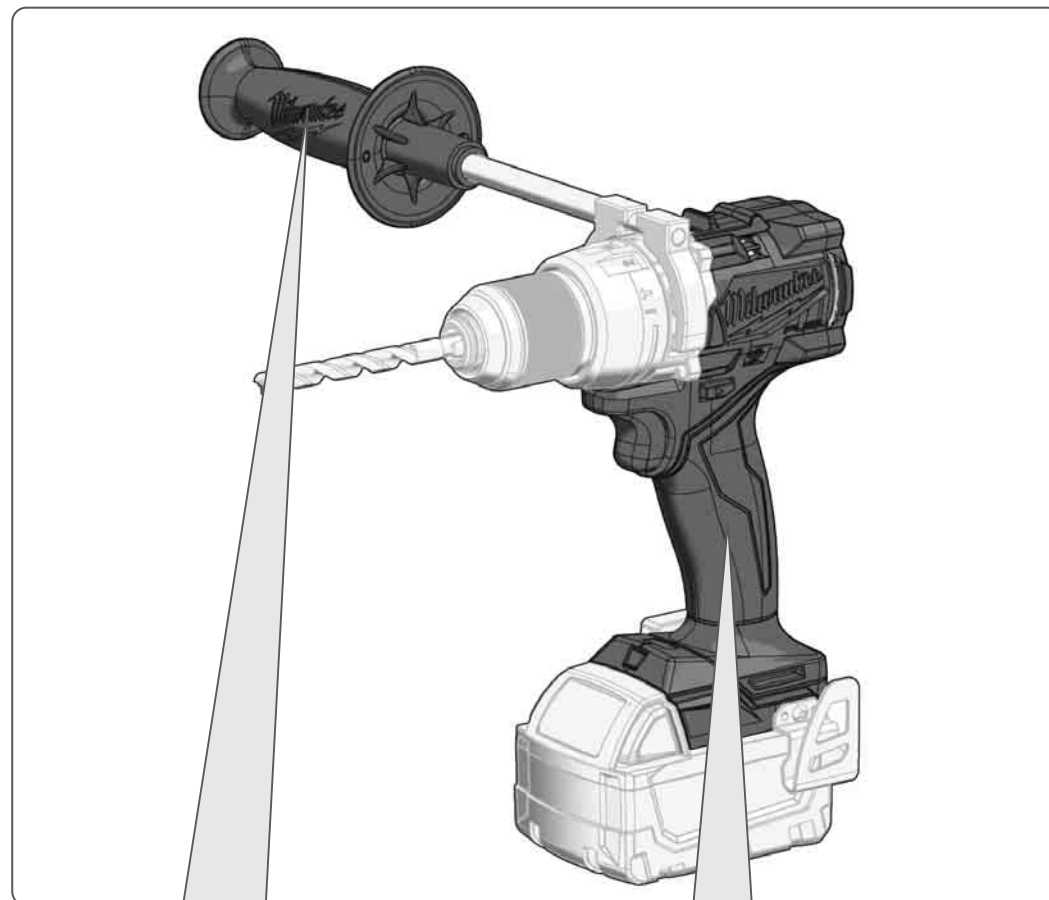
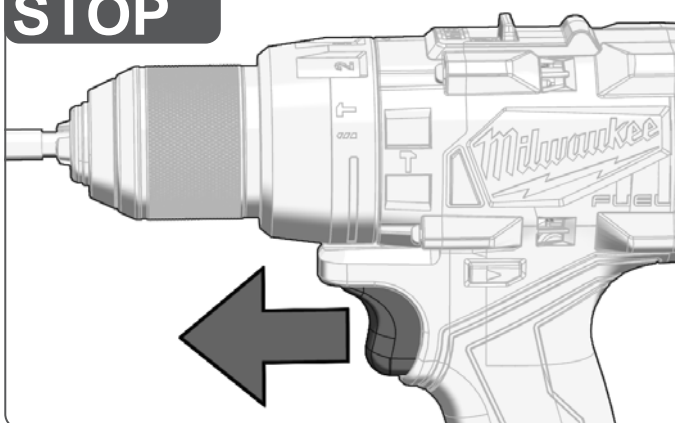




**START**



**STOP**

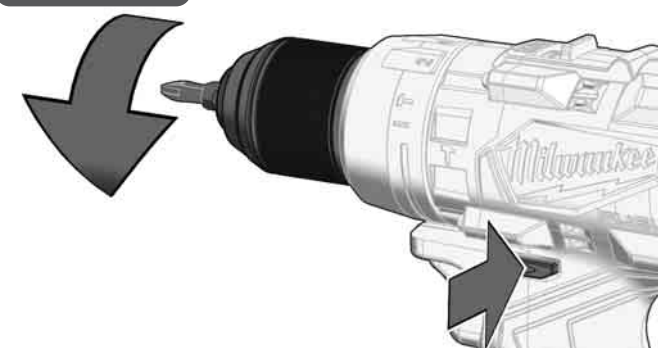
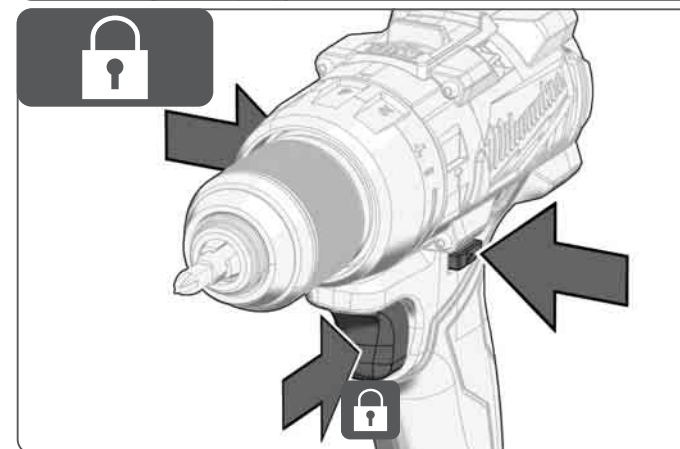
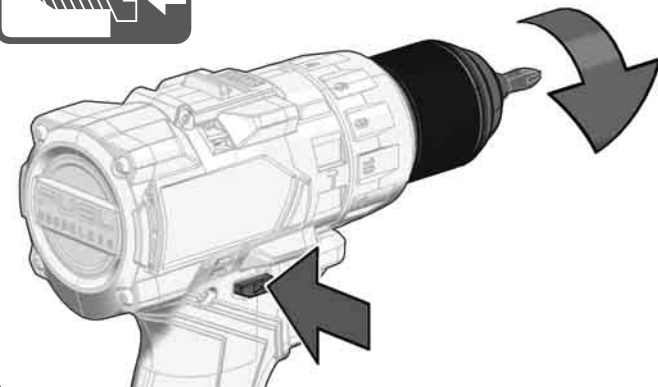
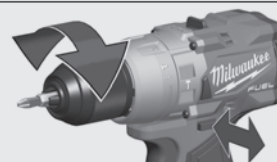
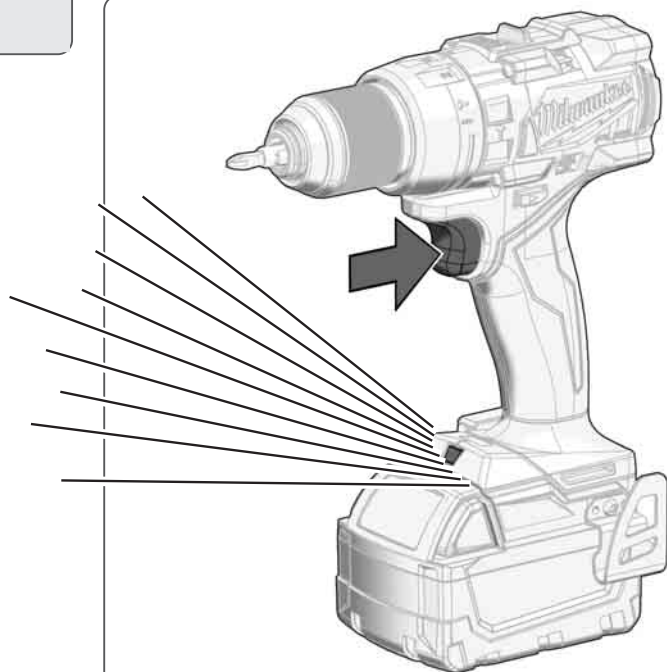


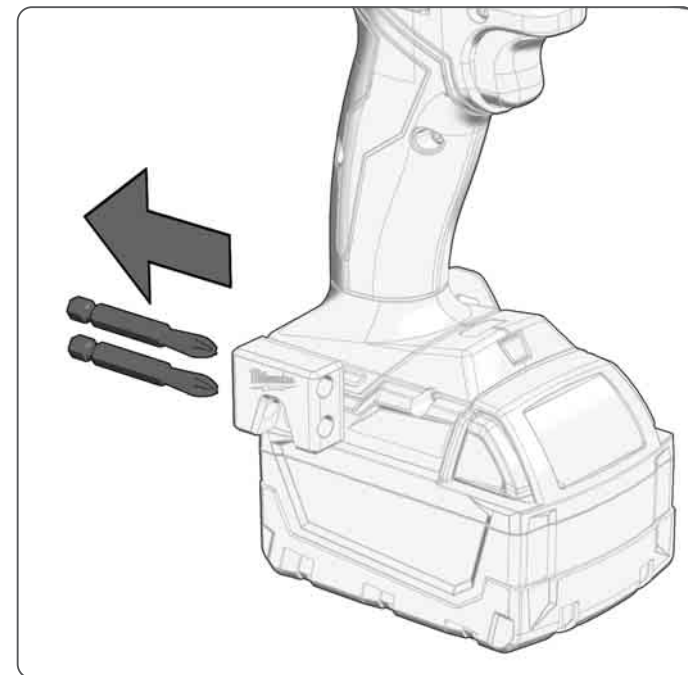
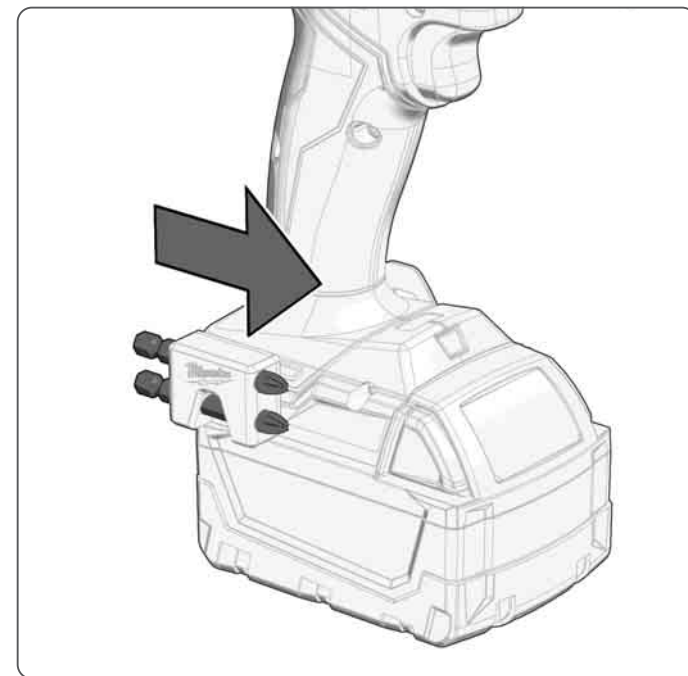
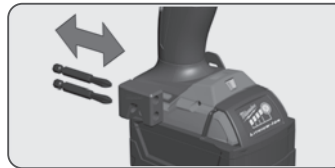
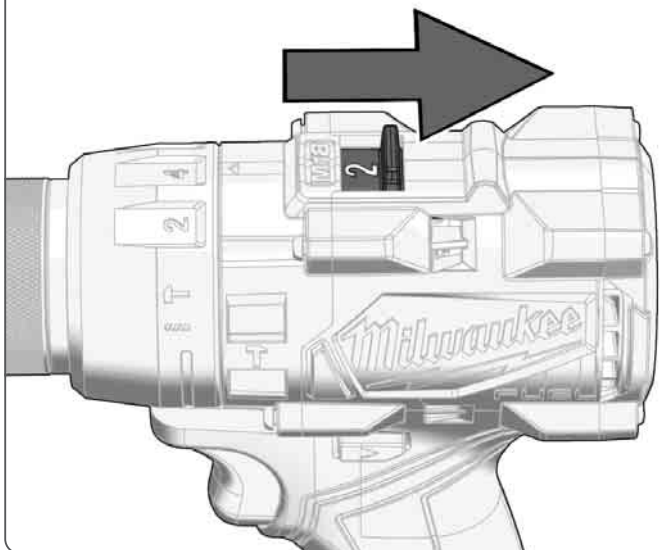
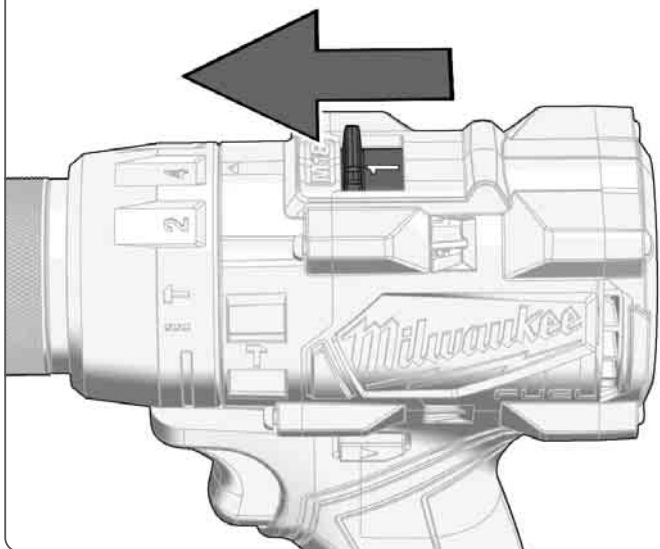
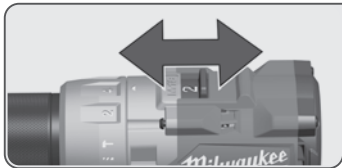
Insulated gripping surface  
Isolierte Grifffläche  
Surface de prise isolée  
Superficie di presa isolata  
Superficie de agarre con aislamiento  
Superficie de pega isolada  
Geïsoleerde handgrepen  
Isolerede gribeflader  
Isolert gripeflate  
Isolerad greppyta  
Eristetty tarttumapinta  
Μονωμένη επιφάνεια λαβής

İzolasyonlu tutma yüzeyi  
Izolovaná uchopovací plocha  
Izolovaná úchopná plocha  
Izolowana powierzchnia uchwytu  
Szigetelt fogófelület  
Izolirana prijemalna površina  
Izolirana površina za držanje  
Izolēta satveršanas virsma  
Izoliuotas rankenos paviršius  
Isoleeritud pideme piirkond  
Изолированная поверхность ручки  
Изолирана повърхност за хващане

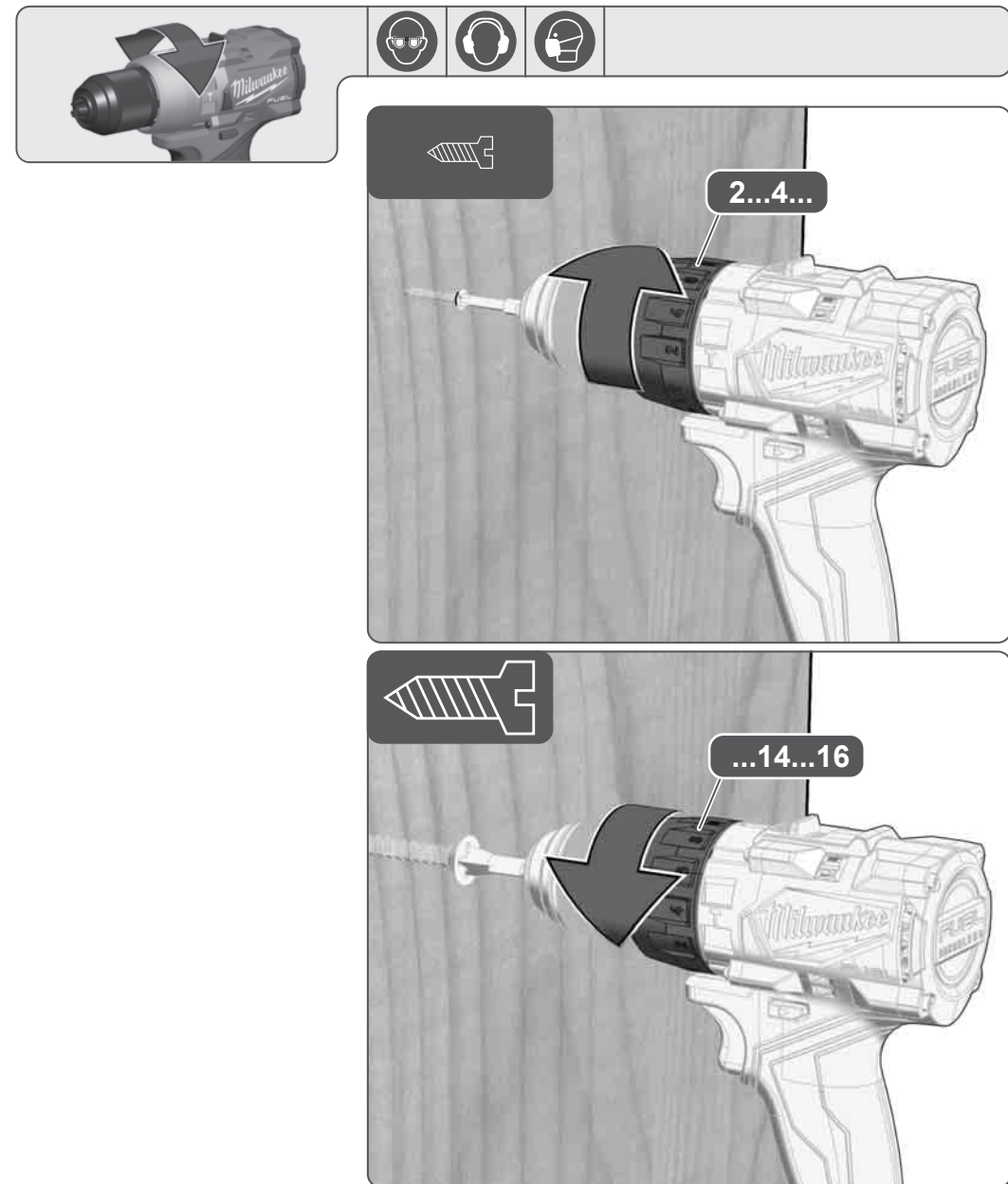
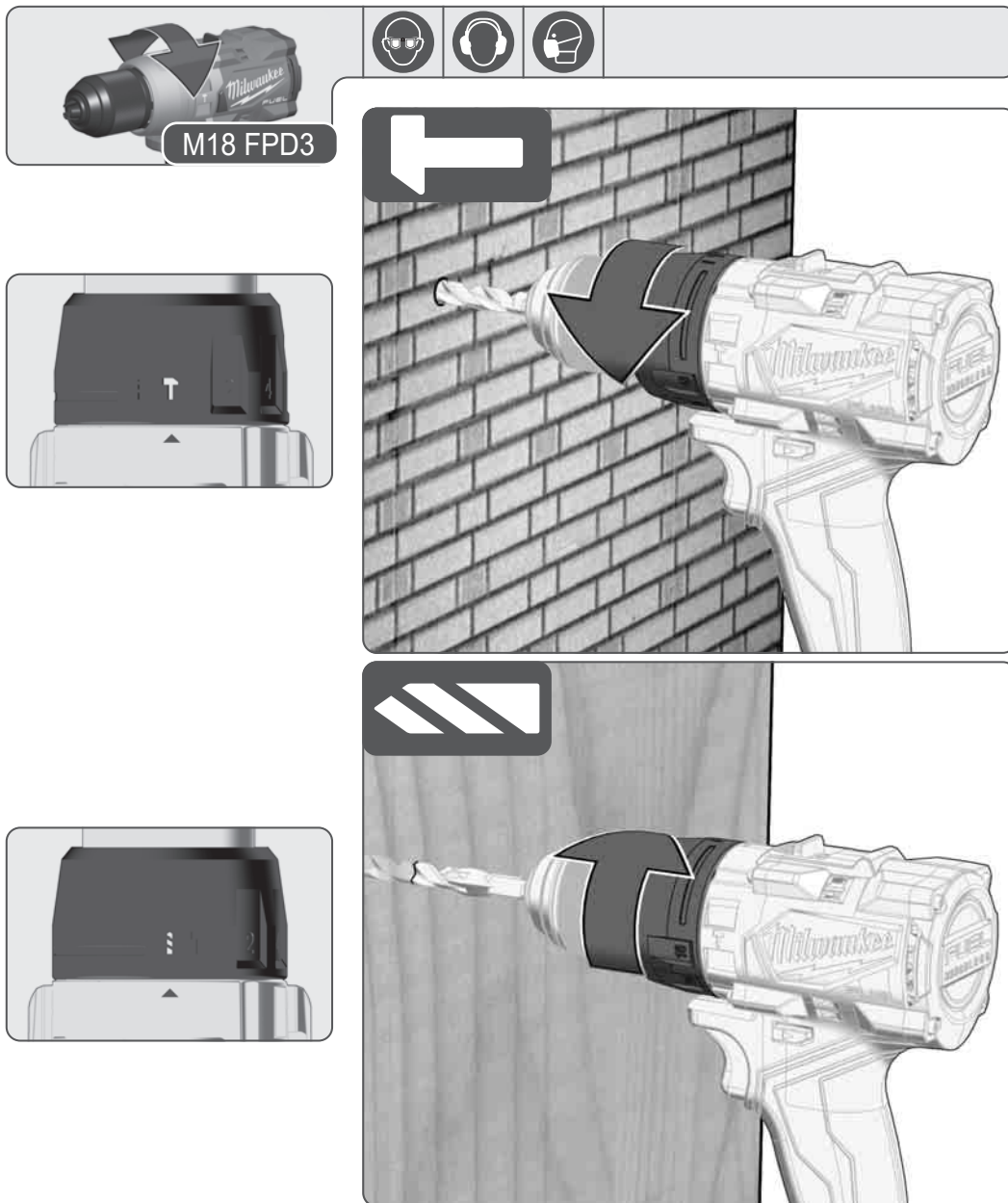
Suprafață de prindere izolată  
Изолирана површина на дршката  
Изолирана површина ручки

مساحة المقيض معزولة

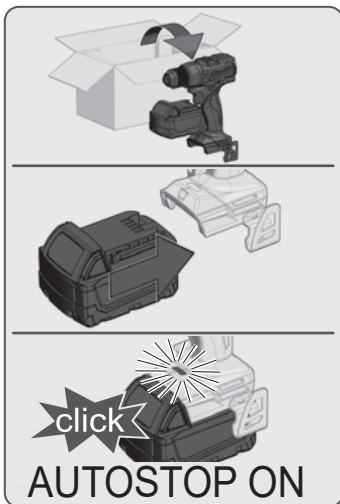
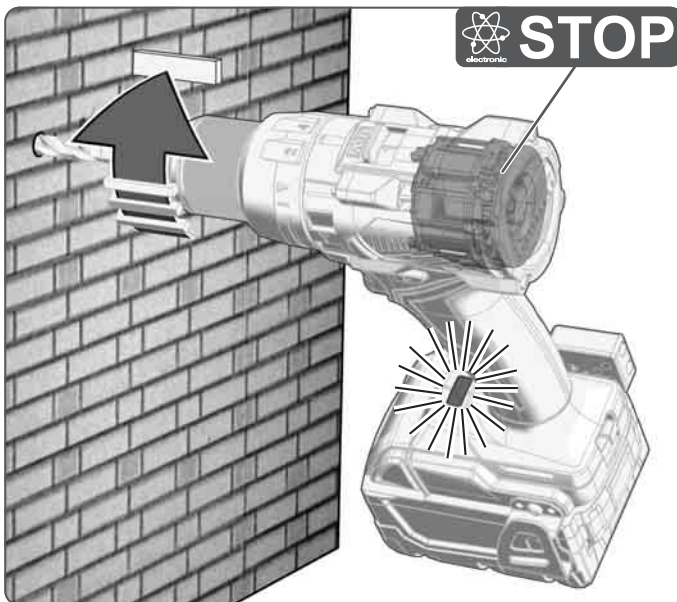




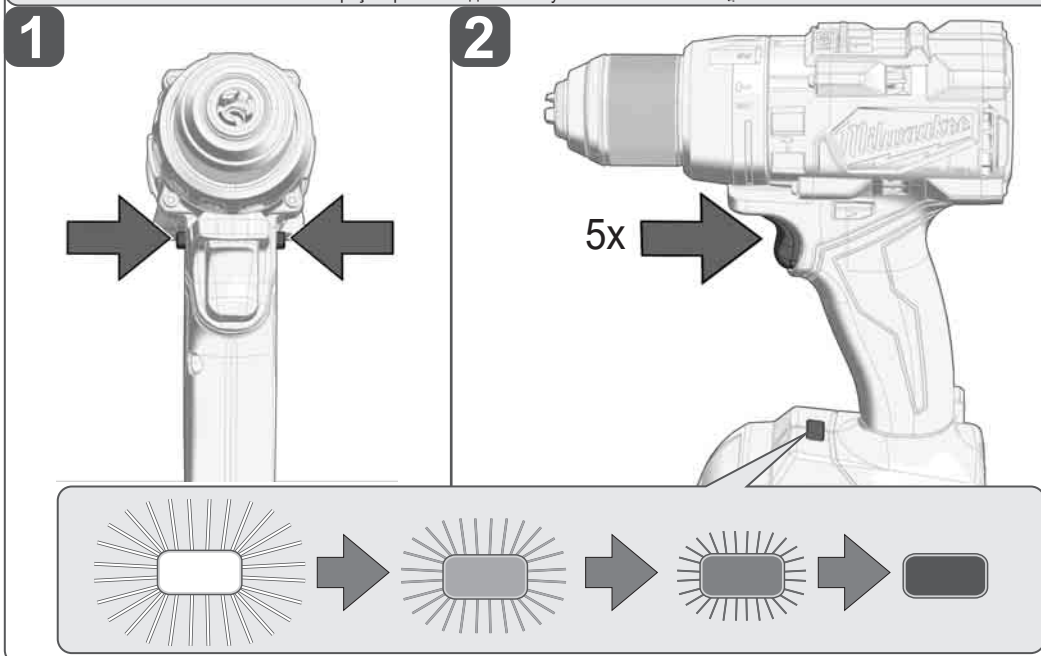




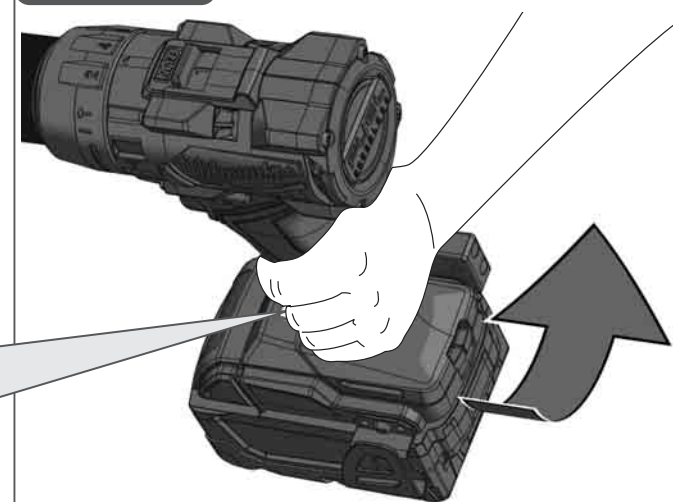
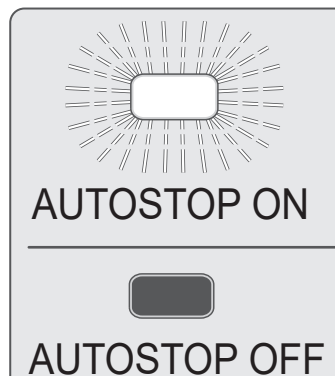
# AUTOSTOP



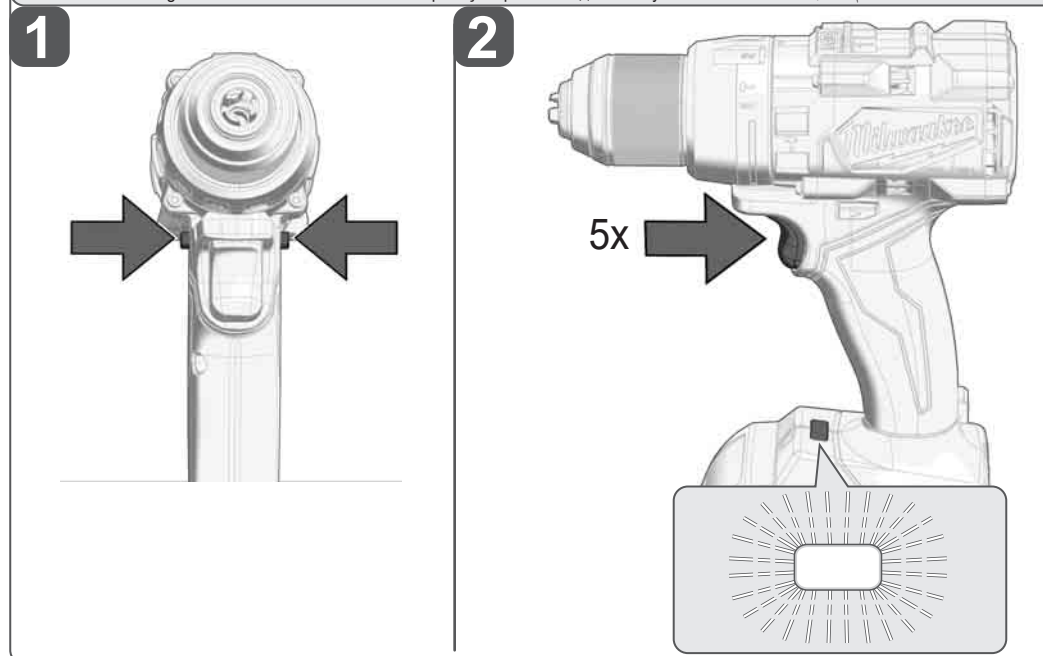
AUTOSTOP switch off • ausschalten • arrêter • spegnere • desactivar • desligue • uitschakelen • sluk • slå av • stäng av • sammuta • απενεργοποιήστε • kapatın • vypněte • vypnite • wyłączyć • kapcsolja ki • izklopiti • isključiti • izslēgt • iřjunkite • lūlitage vālja • отключение • изключете • oprijti dispozitivul • да се исклучи • вимкнення • إيقاف

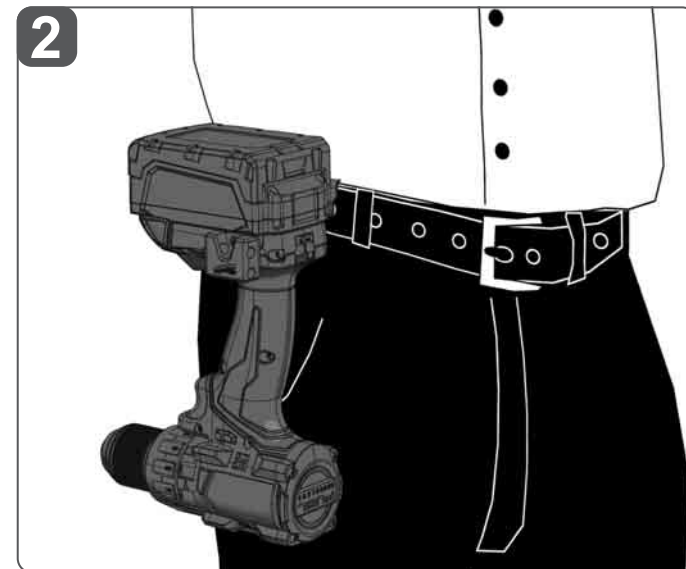
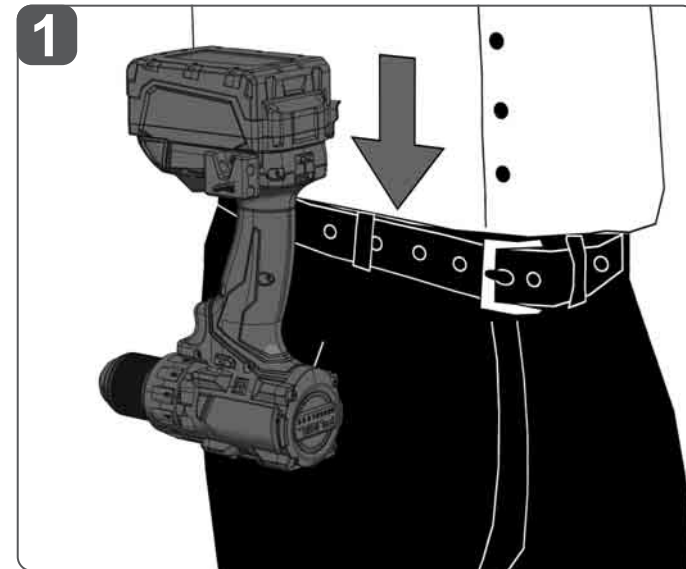
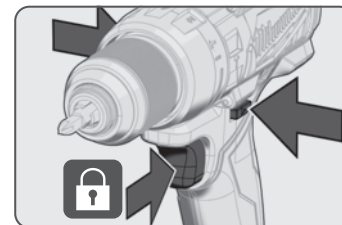
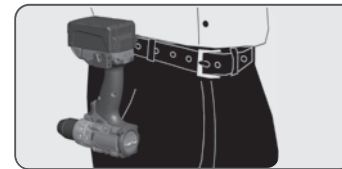
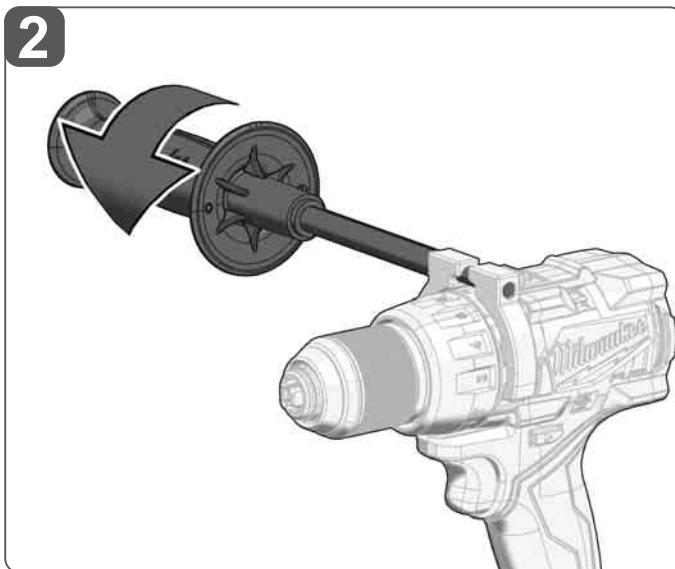
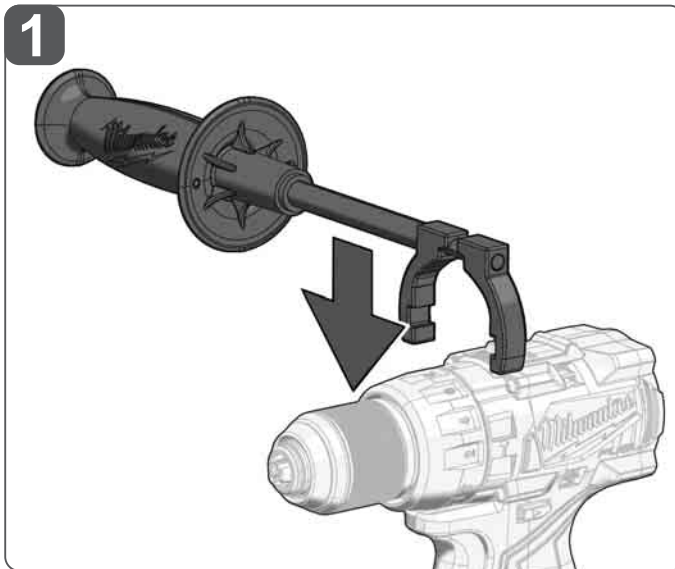


# TEST



AUTOSTOP switch on • einschalten • mettre en marche • accendere • activar • ligue • inschakelen • tænd • slå på • starta • käynnistä • ενεργοποιήστε • çalıştırın • zapněte • zapnite • włączyć • kapcsolja be • vklopiti • ukljućiti • ieslēgt • iřjunkite • lūlitage sisse • включение • вклучете • porniți dispozitivul • да се вклочи • вклучення • قم بالتشغيل







4932 4304 46 (Ø 28 mm)



4932 4304 80 (Ø 6 – 72 mm)



Accessory - Not included in standard equipment.

Zubehör - Im Lieferumfang nicht enthalten.

Accessoires - Ces pièces ne font pas partie de la livraison.

Accessorio - Non incluso nella dotazione standard.

Accessorio - No incluído en el equipo estándar, disponible en la gama de accesorios.

Acessório - Não incluído no equipamento normal.

Toebehoren - Wordt niet meegeleverd.

Tilbehør - Ikke inkluderet i leveringsomfanget.

Tilbehør - inngår ikke i leveransen.

Tillbehör - Ingår ej i leveransomfånget.

Lisälaite - Ei sisälly vakiovarustukseen.

Εξαρτήματα - Δεν περιλαμβάνονται στα υλικά παράδοσης.

Aksesuar - Teslimat kapsamında değildir.

Příslušenství není součástí dodávky.

Príslušenstvo - nie je súčasťou štandardnej výbavy.

Wyposażenie dodatkowe dostępne osobno.

Azokat a tartozékokat, amelyek gyárilag nincsenek a készülékhez mellékelve.

Oprema – ni vsebovana v obsegu dobave.

Oprema - u opsegu isporuke nije sadržana.

Piederumi - standartaprīkojumā neietvertās.

Priedas – neįeina į tiekimo komplektaciją.

Tarvikud - ei kuulu tarne komplekti.

Принадлежности - В стандартную комплектацию не входит.

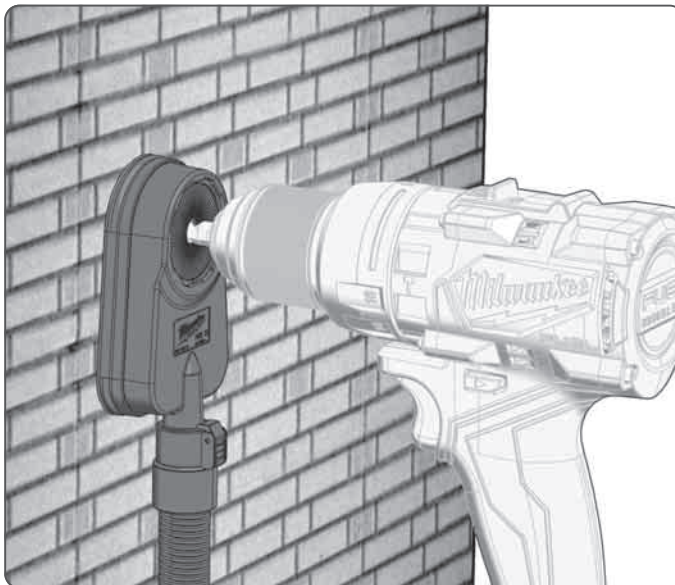
Аксесоари - Не се съдържат в обема на доставката.

Accesoriu - Nu este inclus în echipamentul standard.

Дополнителна опрема - Не е включена во стандартната.

Комплектуючі - не входять в обсяг постачання.

الملحق - ليس مدرجا كمعدة قياسية.



Connect the machine to a suitable dust extractor.

Maschine an ein geeignetes Absauggerät anschließen.

Brancher la machine à un appareil d'aspiration approprié.

Collegare la macchina ad un idoneo sistema di aspirazione.

Conectar la máquina a un aparato de aspiración apropiado.

Conecte a máquina em um dispositivo de aspiração apropriado.

sluit de machine aan op een geschikt afzuigapparaat.

Slut maskinen til en egnet udsugningsenhed.

Koble maskinen til et egnet avsnugningsapparat.

Anslut maskinen till en lämplig utsugningsutrustning.

Yhdistä kone sopivaan imulaitteeseen.

Συνδέετε τη μηχανή σε μια κατάλληλη συσκευή αναρρόφησης.

Makineyi uygun bir emme cihazına bağlayın.

Připojte stroj na vhodný odsávací přístroj.

Stroj pripojte na vhodný odsávací prístroj.

Do maszyny należy podłączyć odpowiednie urządzenie odpylające.

Csatlakoztassa a gépet megfelelő elszívó készülékre.

Stroj priklonite na primerno sesalno napravo.

Stroj priključiti na jedan prikladni usisni uređaj.

Pievienojiet ierīci piemērotam putekļu izvades aparātam.

Prijunkite aparatą prie tinkamo dulkių siurblio.

Ühendada seadet sobiva tolmu ekstraktori juurde.

Подключите машину к подходящему пылеудаляющему устройству.

Свържете машината към подходящ уред за изсмукване.

Racordati mașina la un aspirator adecvat.

Приключете ја машината на соодветен апарат за всмуквање.

Приеднати машину до відповідного приладу для відсмоктування.

قم بتوصيل الآلة بمرشح الغبار



| TECHNICAL DATA                                                                                                        | M18 FDD3                                     | M18 FPD3                                     |
|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------|----------------------------------------------|
| Type                                                                                                                  | Cordless Drill Driver                        | Cordless percussion drill/driver             |
| Production code                                                                                                       | 4813 05 01 XXXXXX MJJJJ                      | 4813 14 01 XXXXXX MJJJJ                      |
| Voltage battery pack                                                                                                  | 18 V ---                                     | 18 V ---                                     |
| No-load speed, 1st gear                                                                                               | 0-500 min <sup>-1</sup>                      | 0-500 min <sup>-1</sup>                      |
| No-load speed, 2nd gear                                                                                               | 0-2100 min <sup>-1</sup>                     | 0-2100 min <sup>-1</sup>                     |
| Impact range, 1st gear                                                                                                | –                                            | 0-7800 min <sup>-1</sup>                     |
| Impact range, 2nd gear                                                                                                | –                                            | 0-33000 min <sup>-1</sup>                    |
| Torque (5.0 Ah battery)                                                                                               | 158,2 Nm                                     | 158,2 Nm                                     |
| Drilling capacity in wood with flat bit                                                                               | 38 mm                                        | 38 mm                                        |
| with auger bit                                                                                                        | 38 mm                                        | 38 mm                                        |
| with hole saw                                                                                                         | 89 mm                                        | 89 mm                                        |
| with selffeed bit                                                                                                     | 65 mm                                        | 65 mm                                        |
| Drilling capacity in brick and tile                                                                                   | –                                            | 15,88 mm                                     |
| Wood screws (without pre-drilling)                                                                                    | 16 mm                                        | 16 mm                                        |
| Drill chuck range                                                                                                     | 1,6 – 13 mm                                  | 1,6 – 13 mm                                  |
| Weight according EPTA-Procedure 01/2014 (2.0 Ah ... 12.0 Ah)                                                          | 1,9...3,1 kg                                 | 1,9...3,1 kg                                 |
| Recommended ambient operating temperature                                                                             | -18...+50 °C                                 |                                              |
| Recommended battery types                                                                                             | M18B...; M18HB...                            |                                              |
| Recommended charger                                                                                                   | M12-18...; M1418C6                           |                                              |
| <b>Noise information:</b> Measured values determined according to EN 62841.                                           |                                              |                                              |
| Typically, the A-weighted noise levels of the tool are:                                                               |                                              |                                              |
| Sound pressure level / Uncertainty K                                                                                  | 95,78 dB(A) / 3 dB(A)                        | 95,78 dB(A) / 3 dB(A)                        |
| Sound power level / Uncertainty K                                                                                     | 106,78 dB(A) / 3 dB(A)                       | 106,78 dB(A) / 3 dB(A)                       |
| <b>Always wear ear protectors!</b>                                                                                    |                                              |                                              |
| <b>Vibration information:</b> Total vibration values (vector sum in the three axes) determined according to EN 62841. |                                              |                                              |
| Vibration emission value a <sub>h</sub> / Uncertainty K                                                               |                                              |                                              |
| Impact drilling into concrete                                                                                         | –                                            | 11,3 m/s <sup>2</sup> / 1,5m/s <sup>2</sup>  |
| Drilling into metal                                                                                                   | 1,85 m/s <sup>2</sup> / 1,5 m/s <sup>2</sup> | 1,85 m/s <sup>2</sup> / 1,5m/s <sup>2</sup>  |
| Screwing                                                                                                              | 1,48 m/s <sup>2</sup> / 1,5m/s <sup>2</sup>  | 1,48 m/s <sup>2</sup> / 1,5 m/s <sup>2</sup> |

**⚠ WARNING!**

The vibration and noise emission level given in this information sheet has been measured in accordance with a standardized test given in EN 62841 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure.

The declared vibration and noise emission level represents the main applications of the tool. However if the tool is used for different applications, with different accessories or poorly maintained, the vibration and noise emission may differ. This may significantly increase the exposure level over the total working period.

An estimation of the level of exposure to vibration and noise should also take into account the times when the tool is switched off or when it is running but not actually doing the job. This may significantly reduce the exposure level over the total working period.

Identify additional safety measures to protect the operator from the effects of vibration and/or noise such as: maintain the tool and the accessories, keep the hands warm, organization of work patterns.

**⚠ WARNING** Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. **Save all warnings and instructions for future reference.**

**DRILL SAFETY WARNINGS**

**Safety instructions for all operations**

**Hold the power tool by insulated gripping surfaces, when performing an operation where the cutting accessory or fasteners may contact hidden wiring.**

Cutting accessory or fasteners contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

**Wear ear protectors when impact drilling.** Exposure to noise can cause hearing loss.

**Use auxiliary handle(s), if supplied with the tool.** Loss of control can cause personal injury.

**Brace the tool properly before use.** This tool produces a high output torque and without properly bracing the tool during operation,

loss of control may occur resulting in personal injury.

**Safety instructions when using long drill bits**

**Never operate at higher speed than the maximum speed rated of the drill bit.** At higher speeds, the bit is likely to bend if allowed to rotate freely without contacting the workpiece, resulting the personal injury.

**Always start drilling at low speed and with the bit tip in contact with the workpiece.** At higher speeds, the bit is likely to bend if allowed to rotate freely without contacting the workpiece, resulting the personal injury.

**Apply pressure only in direct line with the bit and do not apply excessive pressure.** Bits can bend causing breakage or loss of control, resulting in personal injury.

**ADDITIONAL SAFETY AND WORKING INSTRUCTIONS**

Use protective equipment. Always wear safety glasses when working with the machine. The use of protective clothing is recommended, such as dust mask, protective gloves, sturdy non-slip footwear, helmet and ear defenders.

**WARNING** To reduce the risk of injury in applications that produce a considerable amount of dust, use a Milwaukee dust extraction solution in accordance with the solution's operating instructions.

The dust produced when using this tool may be harmful to health. Do not inhale the dust. Wear a suitable dust protection mask.

Do not machine any materials that present a danger to health (e.g. asbestos).

Switch the device off immediately if the insertion tool stalls! Do not switch the device on again while the insertion tool is stalled, as doing so could trigger a sudden recoil with a high reactive force. Determine why the insertion tool stalled and rectify this, paying heed to the safety instructions.

- The possible causes may be:
- it is tilted in the workpiece to be machined
  - it has pierced through the material to be machined
  - the power tool is overloaded

Do not reach into the machine while it is running.

The insertion tool may become hot during use.

- WARNING!** Danger of burns
- when changing tools
  - when setting the device down

Chips and splinters must not be removed while the machine is running.

When working in walls ceiling, or floor, take care to avoid electric cables and gas or waterpipes.

Clamp your workpiece with a clamping device. Unclamped workpieces can cause severe injury and damage.

Remove the battery pack before starting any work on the machine.

Do not dispose of used battery packs in the household refuse or by burning them. Milwaukee Distributors offer to retrieve old batteries to protect our environment.

Do not store the battery pack together with metal objects (short circuit risk).

Use only System M18 chargers for charging System M18 battery packs. Do not use battery packs from other systems.

Battery acid may leak from damaged batteries under extreme load or extreme temperatures. In case of contact with battery acid wash it off immediately with soap and water. In case of eye contact rinse thoroughly for at least 10 minutes and immediately seek medical attention.

ALWAYS USE A SIDE HANDLE when using a 9.0 Ah or higher capacity battery pack; the output torque of some tools may increase. If your drill/driver did not come with a side handle, use the spare part side handle (see explosion drawing of the tool).

Do not insert the bit on the tool when the tool is running, and switch is lock on status, the bit will be running and may hurt the user.

**WARNING** This device contains a lithium button/coin cell battery. A new or used battery can cause severe internal burns and lead to death in as little as 2 hours if swallowed or enters the body. Always secure the battery cover. If it does not close securely, stop using the device, remove the batteries, and keep it away from children. If you think batteries may have been swallowed or entered the body, seek immediate medical attention.

**Warning!** To reduce the risk of fire, personal injury, and product damage due to a short circuit, never immerse your tool, battery pack or charger in fluid or allow a fluid to flow inside them. Corrosive or conductive fluids, such as seawater, certain industrial chemicals, and bleach or bleach containing products, etc., can cause a short circuit.

**SPECIFIED CONDITIONS OF USE**

**M18FDD3:** The battery drill/screwdriver may be used for drilling and screwdriving for independent use away from mains supply.

**M18 FPD3:** The electronic battery percussion drill/screwdriver is designed for drilling, percussion drilling, as well as screwdriving for independent use away from mains supply.

Do not use this product in any other way as stated for normal use.

**RESIDUAL RISK**

Even when the product is used as prescribed, it is still impossible to completely eliminate certain residual risk factors. The following hazards may arise in use and the operator should pay special attention to avoid the following:

- Injury caused by vibration  
Hold the product by designated handles and restrict working time and exposure.
- Exposure to noise can cause hearing injury.  
Wear ear protection and limit exposure.
- Injury due to flying debris  
Wear eye protection, heavy long trousers, gloves and substantial footwear at all times.
- Inhalation of toxic dusts.

**NOTES FOR LI-ION BATTERIES**

**Use of Li-Ion batteries**

Batteries which have not been used for some time should be recharged before use.

Temperatures in excess of 50°C (122°F) reduce the performance of the battery. Avoid extended exposure to heat or sunshine (risk of overheating).

The contacts of chargers and battery packs must be kept clean.

For an optimum life-time, the batteries have to be fully charged, after used.

To obtain the longest possible battery life remove the battery pack from the charger once it is fully charged.

For battery storage longer than 30 days:  
Store the battery where the temperature is below 27°C and away from moisture  
Store the battery in a 30% - 50% charged condition  
Every six months of storage, charge the battery as normal.

**Battery protection for Li-Ion batteries**

In extremely high torque, binding, stalling and short circuit situations that cause high current draw, the tool will vibrate for about 5 seconds, the fuel gauge will flash, and then the tool will turn OFF. To reset, release the trigger.  
Under extreme circumstances, the internal temperature of the battery could become too high. If this happens, the fuel gauge will flash and the battery pack cool and then continue work.

**Transport of Li-Ion batteries**

Lithium-ion batteries are subject to the Dangerous Goods Legislation requirements.

Transportation of those batteries has to be done in accordance with local, national and international provisions and regulations.

- The user can transport the batteries by road without further requirements.
- Commercial transport of Lithium-Ion batteries by third parties is subject to Dangerous Goods regulations. Transport preparation and transport are exclusively to be carried out by appropriately trained persons and the process has to be accompanied by corresponding experts.

When transporting batteries:

- Ensure that battery contact terminals are protected and insulated to prevent short circuit.
- Ensure that battery pack is secured against movement within packaging.
- Do not transport batteries that are cracked or leak.