



Professional HEAVY DUTY

GLH 18V-60

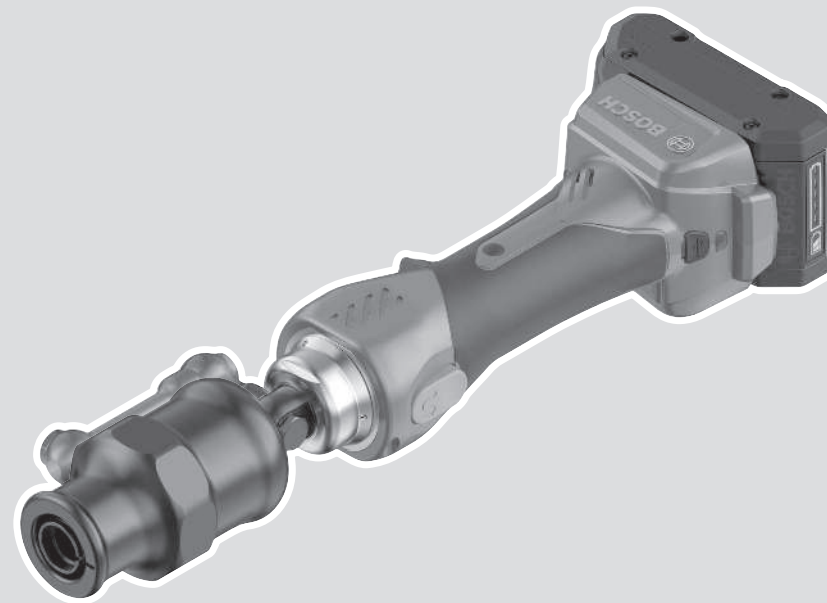
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GERMANY

www.bosch-pt.com

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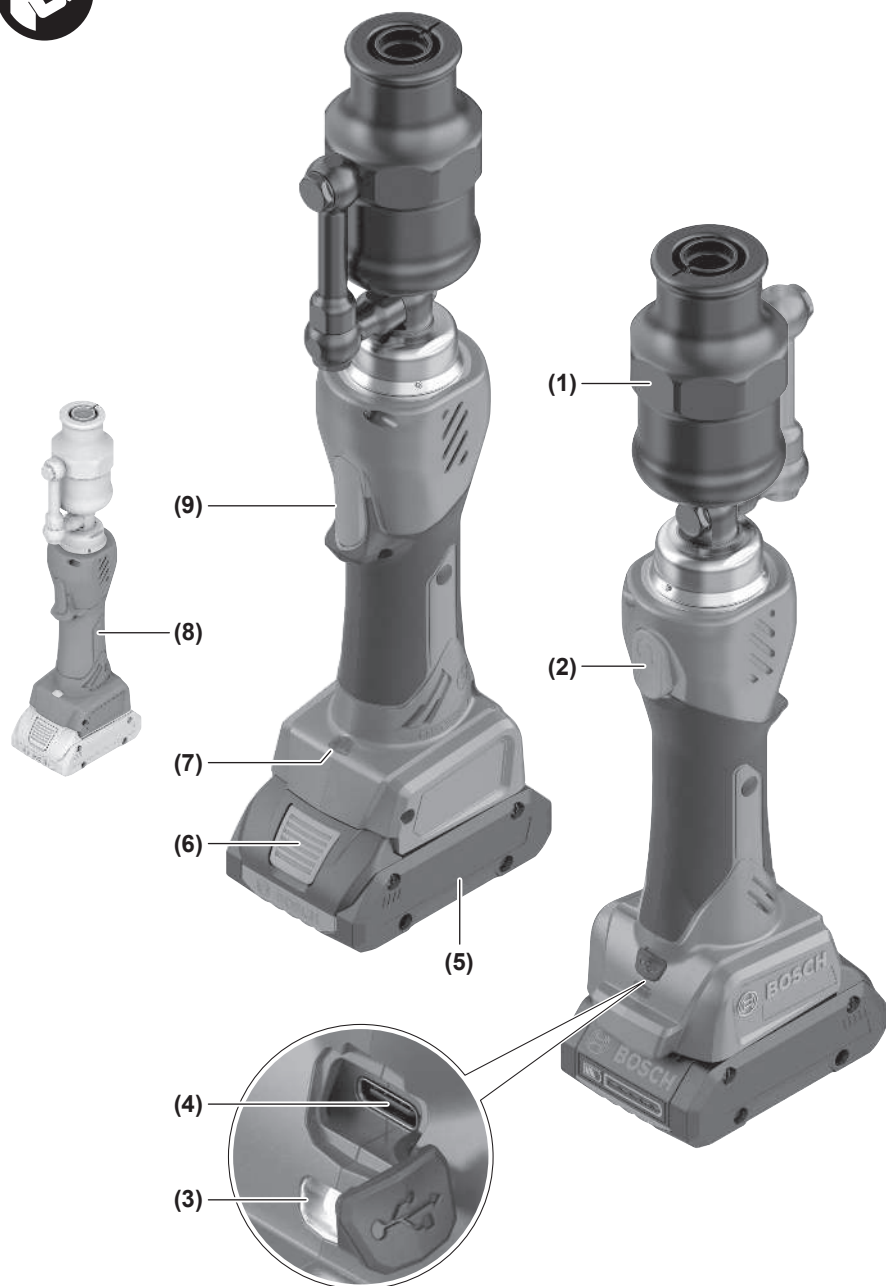


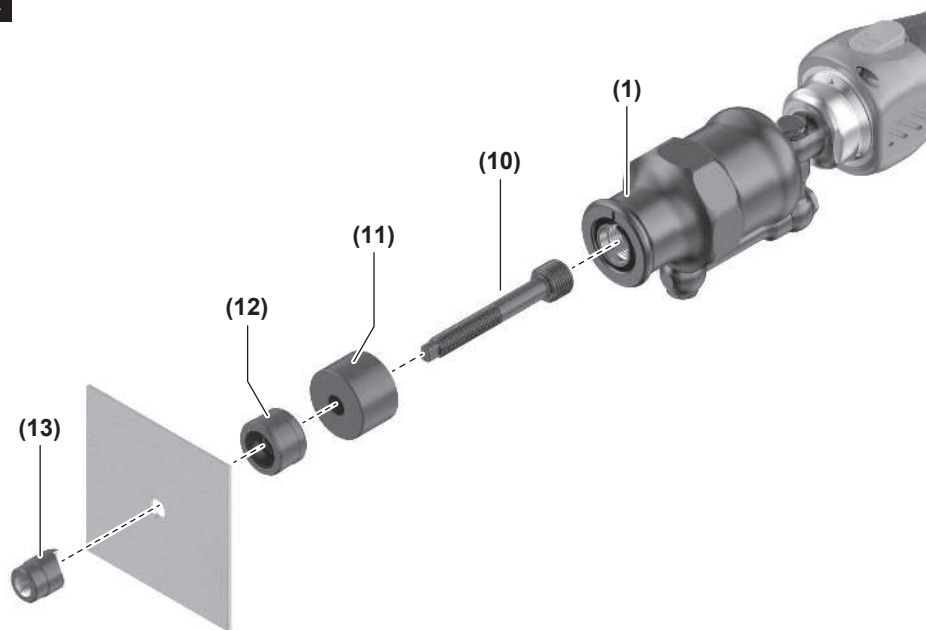
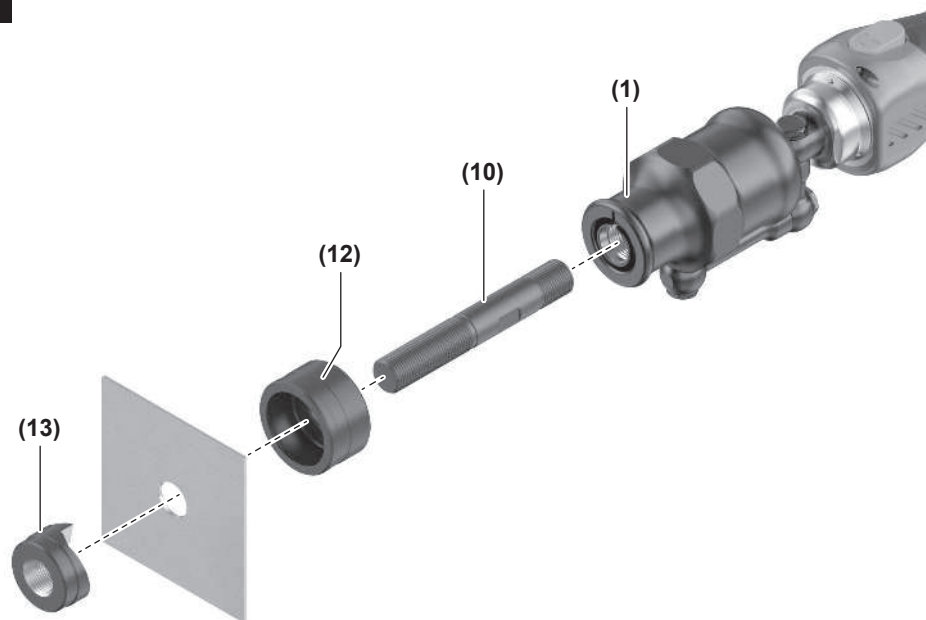
sr Originalno uputstvo za rad



Srpski Strana 5





A**B**

Srpski

Bezbednosne napomene

Opšte sigurnosne napomene za električne alate

⚠ UPOZORENJE Pročitajte sva sigurnosna upozorenja, uputstva, ilustracije i specifikacije isporučene uz ovaj električni alat. Propusti u pridržavanju svih dole navedenih uputstava mogu imati za posledicu električni udar, požar i/ili teške povrede.

Čuvajte sva upozorenja i uputstva za buduću upotrebu.

Pojam „električni alat“ upotrebljen u upozorenjima odnosi se na električne alate sa pogonom na struju (sa kablom) i na električne alate sa akumulatorskim pogonom (bez kabla).

Sigurnost radnog područja

- ▶ **Držite vaše radno područje čisto i dobro osvetljeno.** Nered ili neosvetljena radna područja mogu voditi nesrećama.
- ▶ **Ne radite sa električnim alatom u okolini ugroženoj eksplozijom, u kojoj se nalaze zapaljive tečnosti, gasovi ili prašina.** Električni alati stvaraju varnice koje mogu zapaliti prašinu ili isparenja.
- ▶ **Držite podalje decu i druge osobe za vreme korišćenja električnog alata.** Stvari koje vam odvrćaju pažnju mogu dovesti do gubitka kontrole.

Električna sigurnost

- ▶ **Držite električni alat što dalje od kiše ili vlage.** Prodor vode u električni alat povećava rizik od električnog udara.

Sigurnost osoblja

- ▶ **Budite pažljivi, pazite na to šta radite i postupajte razumno tokom rada sa vašim električnim alatom. Ne koristite električni alat ako ste umorni ili pod uticajem droge, alkohola ili lekova.** Momenat nepažnje kod upotrebe električnog alata može rezultirati ozbiljnim povredama.
- ▶ **Nosite ličnu zaštitnu opremu. Uvek nosite zaštitne naočare.** Nošenje zaštitne opreme, kao što je maska za prašinu, sigurnosne cipele koje ne klizu, zaštitni šlem ili zaštita za sluh, zaviso od vrste i upotrebe električnog alata, smanjuje rizik od povreda.
- ▶ **Izbegavajte nenamerno puštanje u rad. Uverite se da je električni alat isključen, pre nego što ga priključite na struju i/ili na akumulator, uzmete ga ili nosite.** Nošenje električnog alata sa prstom na prekidaču ili priključivanje na struju uključenog električnog alata vodi do nesreće.
- ▶ **Uklonite bilo kakve ključeve za podešavanje ili ključeve za zavrtnjeve, pre nego što uključite električni alat.** Ostavljanje ključa za zavrtnjeve ili ključa prikačenog na rotirajući deo električnog alata može rezultirati ličnom povredom.
- ▶ **Izbegavajte neprirodno držanje tela. Pobrinite se uvek da stabilno stojite i u svako doba održavajte**

ravnotežu. Ovo omogućava bolje upravljanje električnim alatom u neočekivanim situacijama.

- ▶ **Nosite pogodnu odeću. Ne nosite široku odeću ili nakit. Držite kosu i odeću dalje od pokretnih delova.** Pokretni delovi mogu zahvatiti široku odeću, nakit ili dugu kosu.
- ▶ **Ako mogu da se montiraju uređaji za usisavanje i skupljanje prašine, uverite se da li su priključeni i upotrebljeni kako treba.** Usisavanje prašine može smanjiti rizike koji su povezani sa prašinom.
- ▶ **Ne dozvolite da pouzdanje koje ste stekli čestom upotrebom alata utiče na to da postanete neoprezni i da zanemarite sigurnosne principe za upotrebu alata.** Neoprezno delovanje može prouzrokovati teške povrede u deliću sekunde.

Upotreba i briga o električnim alatima

- ▶ **Ne preopterećujte aparat. Upotrebljavajte električni alat koji je pogodan za vaš zadatak.** Odgovarajući električni alat radi bolje i sigurnije tempom za koji je projektovan.
- ▶ **Ne koristite električni alat čiji je prekidač u kvaru.** Svaki električni alat koji se ne može kontrolisati prekidačem je opasan i mora se popraviti.
- ▶ **Izvučite utikač iz utičnice i/ili izvadite akumulatorsku bateriju iz električnog alata, ukoliko je to moguće, pre nego što izvršite bilo kakva podešavanja, promenu pribora ili pre nego što uskladištite električni alat.** Takve preventivne sigurnosne mere smanjuju rizik od slučajnog pokretanja električnog alata.
- ▶ **Čuvajte nekorisćene električne alate izvan dometa dece i ne dozvoljavajte korišćenje alata osobama koje ne poznaju isti ili nisu pročitale ova uputstva.** U rukama neobučenih korisnika električni alati postaju opasni.
- ▶ **Održavajte električni alat i pribor. Proverite da li pokretni delovi aparata besprekorno funkcionišu i da li su dobro povezani, da li su delovi možda polomljeni ili su tako oštećeni da je ugroženo funkcionisanje električnog alata. Pre upotrebe popravite alat ukoliko je oštećen.** Mnoge nesreće su prouzrokovane lošim održavanjem električnih alata.
- ▶ **Održavajte alate za sečenje oštre i čiste.** Sa adekvatno održanim alatom za sečenje sa oštrim sečivima manja je verovatnoća da će doći do zapinjanja i upravljanje je jednostavnije.
- ▶ **Upotrebljavajte električni alat, pribor, alate koji se umeću itd. prema ovim uputstvima. Obratite pažnju pritom na uslove rada i posao koji morate obaviti.** Upotreba električnog alata za namene drugačije od predviđenih može voditi opasnim situacijama.
- ▶ **Održavajte drške i prihvatne površine suvim, čistim i bez ostataka ulja ili masnoće.** Klizave drške ili prihvatne površine ne omogućavaju bezbedno rukovanje i upravljanje alatom u neočekivanim situacijama.

Upotreba i briga o alatu na akumulatorski pogon

- ▶ **Punite samo u aparatima za punjenje, koje je preporučio proizvođač.** Punjač koji je pogodan za jednu vrstu akumulatorske baterije može stvoriti rizik od požara ako se koristi za drugačiju akumulatorsku bateriju.
- ▶ **Upotrebljavajte električni alat samo zajedno sa akumulatorskim baterijama namenjenim za njih.** Upotreba bilo kojih drugih akumulatorskih baterija može stvoriti rizik od povrede ili požara.
- ▶ **Držite nekorišćenu akumulatorsku bateriju dalje od drugih metalnih objekata, poput kancelarijskih spajalica, novčića, ključeva, eksera, zavrnja ili drugih malih metalnih predmeta, koji mogu prouzrokovati povezivanje jednog terminala sa drugim.** Kratak spoj između baterijskih terminala može prouzrokovati opekotine ili požar.
- ▶ **Kod pogrešne primene iz akumulatorske baterije može biti izbačena tečnost. Izbegavajte kontakt sa njom.** Kod slučajnog kontakta isperite sa vodom. Ako tečnost dospe u oči, potražite i dodatnu lekarsku pomoć. Tečnost iz akumulatora može prouzrokovati iritaciju ili opekotine.
- ▶ **Ne koristite akumulatorsku bateriju ili alat koji je oštećen ili modifikovan.** Oštećene ili modifikovane akumulatorske baterije mogu se ponašati nepredvidivo, što može rezultirati požarom, eksplozijom ili povredom.
- ▶ **Ne izlažite akumulatorsku bateriju ili alat vatri ili visokim temperaturama.** Izlaganje vatri ili temperaturama iznad 130 °C može prouzrokovati eksploziju.
- ▶ **Pridržavajte se svih uputstava u vezi sa punjenjem i ne punite akumulatorsku bateriju ili alat izvan temperaturnog opsega naznačenog u uputstvima.** Nepropisno punjenje ili punjenje na temperaturama izvan naznačenog opsega može oštetiti akumulatorsku bateriju i povećati rizik od požara.

Servisiranje

- ▶ **Neka vam vaš električni alat popravljaju samo kvalifikovano osoblje, koristeći samo originalne rezervne delove.** Ovo će osigurati očuvanje bezbednosti električnog alata.
- ▶ **Nikada ne servisirajte oštećene akumulatorske baterije.** Servisiranje akumulatorskih baterija treba da vrše isključivo proizvođač ili ovlašćeni serviseri.

Sigurnosne napomene za hidraulični akumulatorske bušilice



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Nosite zaštitne naočare.



Nikada nemojte posezati u radno područje glave alata osim ako nije osigurano sigurno mirovanje. Sigurno mirovanje električnog alata je osigurano samo kada je bušilica otvorena i akumulator izvađen.

- ▶ **Električnim alatom sme da rukuje isključivo obučeno stručno osoblje koje ima više od 16 godina.** Tako ćete sprečiti opasnost po osobe.
- ▶ **Električnim alatom sme da rukuje isključivo jedna osoba.** Ostale osobe udaljite iz područja opasnosti električnog alata. Tako ćete sprečiti opasnost po osobe.
- ▶ **Koristite električni alat samo ako možete videti glavu alata i ako se možete uveriti da se u području opasnosti ne nalaze udovi.** Tako ćete sprečiti povrede.
- ▶ **Ako tokom rada nastane opasnost po ljude ili mašinu, zaustavite električni alat puštanjem tastera za uključivanje/isključivanje.**
- ▶ **Pomoću mehaničkog povratnog kretanja u hitnim situacijama i pre početka možete da vratite električni alat u početni položaj.** Pre spuštanja električnog alata odn. nakon završetka rada zaustavite električni alat i isključite pritisak. Da biste isključili pritisak električnog alata, pritisnite taster za vraćanje.
- ▶ **Električni alat koristite isključivo uz ručno vođenje.** Taster za uključivanje/isključivanje i taster za vraćanje moraju da budu dostupni, da bi se mogli pritisnuti u hitnoj situaciji.
- ▶ **Stacionarna upotreba električnog alata je zabranjena.** Ne sme se spuštati na tlo radi upotrebe niti se pričvršćivati u stezni mehanizam.
- ▶ **Pre početka rada se uverite da se u radnom prostoru ne nalaze delovi pod naponom.** Ako se u blizini nalaze delovi pod naponom, sprovedite odgovarajuće zaštitne mere. Električni alat nije namenjen za radove na delovima koji su pod naponom.
- ▶ **Uklonite akumulator pre nego što umetnete matricu za bušenje.** Ova mera opreza sprečava nenamerno pokretanje električnog alata.
- ▶ **Električni alat nemojte upotrebljavati u eksplozivnom okruženju.**
- ▶ **Nemojte otvarati električni alat.** Siguran rad tada više nije osiguran i garancija prestaje da važi.
- ▶ **Da biste sprečili prekomerno zagrevanje električnog alata, električni alat nemojte koristiti duže od 15 minuta u neprekidnom režimu.** Električni alat nije predviđen za neprekidni režim.
- ▶ **Glavu za presovanje nemojte dodirivati pre nego što se ohladi.** Glavu za presovanje se tokom neprekidnog rada može zagrejati.
- ▶ **Prilikom radova u višem položaju, osigurajte električni alat adekvatno pomoću zaštite od pada i vodite računa da se u radnom prostoru ne nalaze osobe.** Prilikom radova iznad glave nosite zaštitu za glavu. Tako ćete sprečiti materijalnu štetu i povrede osoba, ako električni alat nehotice padne.

- ▶ **Ako dođe do gubitka ulja, električni alat morate vratiti proizvođaču.**
- ▶ **Izbegavajte kontakt sa hidrauličnim uljem koje je iscurilo. Nakon kontakta temeljno operite kožu sapunom i vodom. Nakon kontakta odmah isperite oči sa mnogo vode najmanje 10 minuta.** Kontakt sa hidrauličnim uljem može dovesti do iritacija i alergijskih reakcija.
- ▶ **Akumulator izvadite tek kada je električni alat sigurno zaustavljen.**
- ▶ **Kod oštećenja i nestručne upotrebe akumulatora može doći do isparavanja. Akumulator može da izgori ili da eksplodira.** Uzmite svež vazduh i potražite lekara ako dođe do tegoba. Para može nadražiti disajne puteve.
- ▶ **Nemojte menjati i otvarati akumulator.** Postoji opasnost od kratkog spoja.
- ▶ **Baterija može da se ošteti oštrim predmetima, kao npr. ekserima ili odvijačima zavrtnjeva ili usled dejstva neke spoljne sile.** Može da dođe do internog kratkog spoja i akumulatorska baterija može da izgori, dimi, eksplodira ili da se pregreje.
- ▶ **Akumulator koristite samo u proizvodima proizvođača.** Samo tako se akumulator štiti od opasnog preopterećenja.



Zaštitite akumulator od izvora toplote, npr. i od trajnog sunčevog zračenja, vatre, prljavštine, vode i vlage. Postoji opasnost od eksplozije i kratkog spoja.



UPOZORENJE



Pobrinite se da se dugmasta baterija nalazi van domašaja dece. Dugmaste baterije su opasne.

- ▶ **Dugmaste baterije se nikada ne smeju progutati ili uneti kroz druge telesne otvore. Ukoliko postoji sumnja da je dugmasta baterija progutana ili se nalazi u drugim otvorima tela, odmah potražite lekara.** Gutanje dugmaste baterije u roku od 2 sata može da dovede do ozbiljnih unutrašnjih opekotina i do smrti.

Opis proizvoda i primene



Pročitajte sve bezbednosne napomene i uputstva. Propusti u poštovanju bezbednosnih napomena i uputstava mogu da prouzrokuju električni udar, požar i/ili teške povrede.

Vodite računa o slikama u prednjem delu uputstva za rad.

Namenska upotreba

Električni alat je predviđen za utiskivanje rupa u metalnom limu.

Prikazane komponente

Označavanje brojevima prikazanih komponenta odnosi se na prikaz električnog alata na grafičkoj stranici.

- (1) Glava za utiskivanje
- (2) Taster za vraćanje
- (3) Prikaz statusa
- (4) USB priključak
- (5) Akumulator^{a)}
- (6) Taster za otključavanje akumulatora^{a)}
- (7) Radno svetlo
- (8) Ručka (izolirana površina za držanje)
- (9) Taster za uključivanje/isključivanje
- (10) Vučna čivija
- (11) Odstojnik
- (12) Matrica^{a)}
- (13) Štambilj^{a)}

a) **Ovaj pribor ne spada u standardni obim isporuke.**

Tehnički podaci

Akumulatorska hidraulična bušilica za rupe		GLH 18V-60
Broj artikla		3 601 JPO 2..
Nominalni napon	V ⁻⁻⁻	18
Maks. snaga presovanja	kN	60
Maks. debljina lima		
– Čelik	mm	3
– Nerdajući čelik	mm	2,5
Opseg okretanja glave za utiskivanje	°	360
USB standardni električni alat		USB 2.0
USB kabl za prenos podataka (komercijalni)		USB Type-C ^{a)}
Težina ^{b)}	kg	2,2
Preporučena temperatura okruženja prilikom punjenja	°C	0 ... +35
Dozvoljena temperatura okruženja prilikom rada ^{c)}	°C	-10 ... +50
Dozvoljena temperatura okruženja prilikom skladištenja	°C	-20 ... +50
Kompatibilni akumulatori		GBA18V... GBA 18V... ProCORE18V... EXPERT18V... EXBA18V... CORE18V...
Preporučeni punjači		GAL18... GAL 18... GAL 36... GAL12V/18... GAL 12V/18...

Akumulatorska hidraulična bušilica za rupe GLH 18V-60

GAX 18...
EXAL18...

- A) USB Type-C® i USB-C® su robne marke kompanije USB Implementers Forum.
B) Bez akumulatora (Težinu akumulatora možete pogledati na www.bosch-professional.com)
C) ograničeni učinak na temperaturama $< 0^{\circ}\text{C}$

Vrednosti mogu da se razlikuju u zavisnosti od proizvoda i zavise od uslova upotrebe i uslova iz okoline. Dodatne informacije možete pogledati na adresi www.bosch-professional.com/wac.

Informacije o buci/vibracijama

Vrednosti emisije buke utvrđene u skladu sa **EN 62841-1**.

Nivo zvučnog pritiska električnog alata klasifikovan pod A je tipično manji od 70 dB(A). Nivo buke može prilikom rada može da prekorači zadate vrednosti. **Nosite zaštitu za sluh!**

Vrednosti vibracije a_h (kontinuirane vibracije), p_f (ponovljene udarne vibracije) i nesigurnost K utvrđeni u skladu sa **EN 62841-1**.

$a_h = 0,4 \text{ m/s}^2$ ($K = 0,5 \text{ m/s}^2$), $p_f = 82 \text{ m/s}^2$ ($K = 9 \text{ m/s}^2$)

Nivo vibracija i vrednosti emisije buke, koji su navedeni u ovim uputstvima, su izmereni prema standardizovanom mernom postupku i mogu se koristiti za međusobno poređenje električnih alata. Pogodni su i za privremenu procenu emisije vibracije i buke.

Navedeni nivo vibracija i vrednost emisije buke predstavljaju realnu upotrebu električnog alata. Međutim, ako se električni alat upotrebljava za druge namene, sa drugim umetnim alatima ili ako se nedovoljno održava, može doći do odstupanja nivoa vibracija i vrednosti emisije buke. Ovo može u značajnoj meri povećati emisiju vibracija i buke tokom celokupnog perioda korišćenja.

Za tačnu procenu emisije vibracija i buke trebalo bi uzeti u obzir i vreme u kojem je uređaj isključen ili u situaciji da radi, ali nije zaista u upotrebi. Ovo može značajno redukovati emisije vibracija i buke tokom celokupnog perioda korišćenja.

Utvrdite dodatne sigurnosne mere radi zaštite korisnika od delovanja vibracija kao na primer: održavanje električnog alata i umetnog alata, održavanje toplih ruku, organizacija radnih postupaka.

Akumulator

Bosch prodaje akumulatorske električne alate i bez akumulatora. Na pakovanju možete pogledati da li se u sadržaju isporuke vašeg alata nalazi i akumulator.

Punjenje akumulatora

- **Koristite samo punjače koji su navedeni u tehničkim podacima.** Samo ovi punjači su usaglašeni sa litijum-jonskom akumulatorskom baterijom koja se koristi u Vašem električnom alatu.

Napomena: Litijum-jonski akumulatori se zbog međunarodnih transportnih propisa isporučuju delimično

napunjeni. Da biste osigurali punu snagu akumulatora, pre prve upotrebe ga potpuno napunite.

Ubacivanje akumulatora

Ubacite napunjeni akumulator u prihvatač akumulatora tako da nalegne na mesto.

Vađenje akumulatora

Za vađenje akumulatora pritisnite taster za deblokadu akumulatora i izvucite akumulator. **Ne koristite pritom silu.** Akumulator raspolaže sa 2 stepena blokade, koji treba da spreče da akumulator ispadne usled nenamernog pritiskanja tastera za deblokadu akumulatora. Dokle god se akumulator nalazi u električnom alatu, opruga ga drži na mestu.

Prikaz statusa napunjenosti akumulatora

Napomena: Nema svaki tip akumulatora na raspolaganju prikaz statusa napunjenosti.

Zeleni LED indikatori prikazuju status napunjenosti akumulatora prikazuju status napunjenosti akumulatora. Iz sigurnosnih razloga, proveru stanja napunjenosti je moguća samo kada je električni alat u stanju mirovanja.

Pritisnite taster za prikaz statusa napunjenosti  ili  da bi bio prikazan status napunjenosti. To je moguće i kada je demontiran akumulator.

Ukoliko nakon pritiskanja tastera za prikaz statusa napunjenosti ne svetli nijedan LED indikator, znači da je akumulator neispravan i da mora biti zamenjen.

Tip akumulatora GBA 18V... | GBA18V...



LED	Kapacitet
Trajno svetlo 3 × zeleno	60–100%
Trajno svetlo 2 × zeleno	30–60%
Trajno svetlo 1 × zeleno	5–30%
Trepćuće svetlo 1 × zeleno	0–5%

Tip akumulatora ProCORE18V... | EXPERT18V... | EXBA18V... | CORE18V...



LED	Kapacitet
Trajno svetlo 5 × zeleno	80–100%
Trajno svetlo 4 × zeleno	60–80%
Trajno svetlo 3 × zeleno	40–60%
Trajno svetlo 2 × zeleno	20–40%
Trajno svetlo 1 × zeleno	5–20%
Trepćuće svetlo 1 × zeleno	0–5%

Prepoznavanje rizika od kvara akumulatora

EXPERT18V... | EXBA18V...

LED lampice prikaza statusa napunjenosti akumulatora pored nivoa napunjenosti akumulatora mogu da prikazuju i rizik oa kvara akumulatora.

Da biste aktivirali ovu funkciju, držite taster za prikaz statusa napunjenosti  3 sekunde. Svetlosni niz prikaza statusa napunjenosti akumulatora pokazuje analizu akumulatora. Rezultat se prikazuje na prikazu statusa napunjenosti akumulatora.

 **1 LED lampica:** Akumulator ima veliki rizik od kvara. Snaga i vreme rada mogu već da budu umanjeni. Preporučujemo zamenu akumulatora.

 **5 LED lampica:** Akumulator je u dobrom stanju sa malim rizikom od kvara.

Vodite računa: Procena rizika od kvara akumulatora funkcioniše u dve faze i pruža jednostavnu ocenu stanja. Ocenjuje se da je akumulator u dobrom stanju ili da ima povećan rizik od kvara. Stanje baterije se ne prikazuje u procentima.

Uputstva za optimalno ophodjenje sa akumulatorom

Zaštite akumulator od vlade i vode.

Lagerujte akumulator samo u području temperature od -20 °C do 50 °C. Ne ostavljajte akumulator leti npr. u autu. Čistite povremeno proreze za ventilaciju akumulatora sa mekom, čistom i suvom četkicom.

Bitno skraćeno vreme rada posle punjenja pokazuje da je akumulator istrošen i da se mora zameniti.

Obratite pažnju na uputstva za uklanjanje otpada.

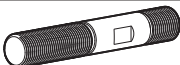
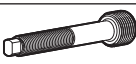
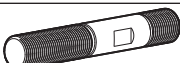
Montaža

► **Pre svih radova na električnom alatu (npr. prilikom održavanja, promene alata itd.) izvadite akumulator.** Kod slučajnog aktiviranja prekidača za uključivanje/isključivanje postoji opasnost od povrede.

Montaža alata za presovanje (videti slike A–B)

Izaberite delove za montiranje prema veličini željene rupe. Alati za presovanje su predviđeni za debljinu lima do 3 mm i za lim od nerđajućeg čelika debljine do 2,5 mm.

Informacije o preporučenim **Bosch** alatima za presovanje možete pogledati i na www.bosch-pt.com ili pomoću nalepnice u XL-BOXX-u električnog alata.

Veličina	Broj za poručivanje Komplet matrica + štambilj	Upotreba sa vučnom čivijom (broj za poručivanje)	Odgovarajući odstožnik (broj za poručivanje)	Potreban je odstožnik
M16	2 608 001 157	 (1 607 000 FL9)	 (1 607 000 FV9)	●
M20	2 608 001 158			●
M25	2 608 001 159			●
M32	2 608 001 160	 (1 607 000 FM0)	 (1 607 000 FM1)	●
M40	2 608 001 161			-
PG9	2 608 001 162	 (1 607 000 FL9)	 (1 607 000 FV9)	●
PG11	2 608 001 163			●
PG13	2 608 001 164			●
PG16	2 608 001 165			●
PG21	2 608 001 166			●
PG29	2 608 001 167	 (1 607 000 FM0)	 (1 607 000 FM1)	-
PG36	2 608 001 168			-

Uverite se da su vučna čivija, odstožnik, matrica i utiskivači čisti i u tehnički besprekornom stanju.

Navoje vučne čivije **(10)** blago podmažite (tuba masti: 1 615 430 010). Zavrните vučnu čiviju **(10)** u glavu za presovanje **(1)**.

Stavite odgovarajući odstožnik **(11)**, a nakon toga matricu **(12)** na vučnu čiviju.

Napomena: Za manje veličine navoja mora se (prema zahtevima iz tabele) koristiti odgovarajući odstožnik **(11)**.

Upotreba se preporučuje i za veće veličine navoja, zato što se tako smanjuje radni korak odstožnika, a time i postupak presovanja.

Režim rada

Priprema za presovanje i postupak presovanja

► **Ubacite akumulator u električni alat samo neposredno pre početka postupka presovanja.** Ako se taster za

uključivanje/isključivanje (9) nenamerno pritisne, na primer tokom pripreme za presovanje, postoji opasnost od povrede.

- ▶ **Električni alat nemojte upotrebljavati bez postavljenog alata za presovanje ili bez lima između matrice i utiskivača.**
- ▶ **Da biste sprečili prekomerno zagrevanje električnog alata, električni alat nemojte koristiti duže od 15 min u neprekidnom režimu.**

Priprema za presovanje:

- U limu napravite rupu koja je otprilike 0,5 mm veća od prečnika montirane vučne čivije (10) (npr. pomoću stepenaste burgije).
- Stavite vučnu čiviju kroz prethodno napravljenu rupu. Pritom okrenite odn. zakrenite glavu za presovanje (1) tako da matrica (12) bude položena na limu.
- Zavrnite štambilj (13) koji odgovara montiranoj matrici na vučnu čiviju tako da naleže na lim uz blagi pritisak.

Postupak presovanja:

- Postavite akumulator u električni alat.
- Za **uključivanje i započinjanje postupka presovanja** pritisnite taster za uključivanje/uključivanje (9) i držite taster pritisnut. Radno svetlo (7) svetli.
- Kada električni alat prepozna potpuno presovanje, vučna čivija (10) se zajedno sa utiskivačem (13) vraća i **motor se automatski isključuje**. Otpustite taster za uključivanje/isključivanje (9). Radno svetlo se automatski gasi nakon približno 10 s.

Prikazi stanja

Boja prikaza statusa (3)	Značenje	Rešenje
Nakon umetanja akumulatora/buđenja iz režima mirovanja:		
Zeleno (3 s)	Električni alat spreman za upotrebu	–
Žuto (3 s)	Do kraja intervala održavanja ostaje manje od 1.000 radnih ciklusa.	Planirajte održavanje u ovlašćenom Bosch korisničkom servisu.
Crvena (3 s)	Akumulator preslab i postupak presovanja	Punjenje/zamena akumulatora
	Akumulator i/ili električni alat su van opsega radne temperature	Pustite da se akumulator i električni alat ohlade
Nakon završetka postupka presovanja/tokom rada:		
Zeleno (3 s)	Presovanje je uspešno	–
Žuto (konstantno)	Interval održavanja od 20.000 radnih ciklusa je premašen	Pošaljite električni alat na servis ovlašćenom Bosch korisničkom servisu.
Crvena (3 s)	Presovanja nije potpuno, unutrašnje greške električnog alata ili električnog alata izvan opsega radne temperature	1. Pokrenite postupak presovanja ponovo 2. Vađenje i ponovno ubacivanje akumulatora 3. Pustite da se električni alat ohladi 4. Ukoliko ove mere ne pomognu, obratite se ovlašćenom Bosch korisničkom servisu.

Tačnim porukama o grešci se takođe može pristupiti preko **Bosch** Read-Out Software-a.

Ručno okončavanje postupka presovanja:

- Da biste prevremeno završili postupak presovanja, otpustite taster za uključivanje/isključivanje (9) tokom postupka presovanja. Postupak presovanja se zaustavlja.
- Ako je postupak presovanja prerano zaustavljen ili se vučna čivija (10) ne vraća automatski nakon završetka postupka presovanja, pritisnite taster za vraćanje (2). Držite taster za vraćanje pritisnut, dok se vučna čivija ne vrati u početni položaj.

Izvadite akumulator iz električnog alata. Odvrnite štambilj (13) sa vučne čivije i uklonite ostatke presovanja iz matrice (12).

Ako na kraju postupka presovanja prikaz statusa (3) svetli zeleno, prepoznato je potpuno presovanje. Ako presovanje nije bilo uspešno, prikaz statusa svetli crveno.

Režim mirovanja i zaštita od ponovnog pokretanja

Iz bezbednosnih razloga, električni alat prelazi u **Režim mirovanja**:

- ako se ne koristi duže od 5 min nakon umetanja akumulatora ili poslednjeg postupka presovanja,
- ako se pritisne taster za uključivanje/isključivanje (9) dok se ubacuje akumulator (kao **zaštita od ponovnog pokretanja**).

U tom slučaju jednom kratko pritisnite taster za uključivanje/isključivanje (9), kako bi se aktivirao električni alat. Pokrenite postupak presovanja na uobičajen način.

Očitajte rezultate rada pomoću Bosch Read-Out Software-a

Električni alat čuva podatke kao što su pritisak i radno vreme za svaki radni proces. Da biste očitali te podatke, potreban

vam je **Bosch** Read-Out Software, koji možete besplatno da preuzmete na www.bosch-professional.com. Instalirajte softver i pratite uputstva za instalaciju. U softveru takođe možete videti koliko radnih ciklusa je još preostalo do sledećeg intervala održavanja.

Da biste preneli zapise, otvorite poklopac USB utičnice **(4)** i povežite električni alat sa računarom pomoću USB Type-C® kabla. Da biste pristupili zapisima, akumulator mora biti umetnut u električni alat.

skupljaju zasebno i odlože u otpad u skladu sa ekološkim propisima. Koristite naznačene sisteme za sakupljanje. Zbog mogućih opasnih materija koji se nalaze u uređaju, nepravilno odlaganje u otpad može da bude opasno za okolinu i zdravlje.

Integrisane dugmaste baterije sme da uklanja samo stručno osoblje radi odlaganja na otpad.

Održavanje i servis

Održavanje i čišćenje

► Pre svih radova na električnom alatu (npr. prilikom održavanja, promene alata itd.) izvadite akumulator.

Kod slučajnog aktiviranja prekidača za uključivanje/isključivanje postoji opasnost od povrede.

► Održavajte električni alat i proreze za ventilaciju čistima da biste radili dobro i bezbedno.

Držite električni alat suvim. Brišite prljavštinu samo sa vlažnom krpom.

Čuvajte i transportujte električni alat samo u XL-BOXX.

Da biste što duže osigurali bezbedan rad električnog uređaja, morate da uradite održavanje električnog uređaja nakon **20000** radnih ciklusa odn. najkasnije nakon **4** godine. Kada prekoračite **20000** radnih ciklusa, prikaz statusa **(3)** neprekidno svetli žuto.

Pošaljite električni alat na servis ovlašćenom **Bosch** korisničkom servisu.

Napomena: Ako se ne poštuje interval održavanja, garantni zahtev postaje nevažeći.

Nemojte oštriti sečiva utiskivača **(13)**. Tupe utiskivače zamenite na vreme i tako ćete ostvariti dobru snagu presovanja.

Servis i saveti za upotrebu

Srpski

Tel.: +381 11 644 8546

Molimo da kod svih pitanja i naručivanja rezervnih delova neizostavno navedete broj artikla sa 10 brojećanih mesta prema tipskoj pločici proizvođa.

Uklanjanje đubreta

Električne alate, akumatore, pribor i ambalažu treba predati na reciklažu koja je u skladu sa zaštitom životne sredine.

Električni alat sadrži ulja i masti. Odložite električni alat u skladu sa važećim zakonima i direktivama.

Ne bacajte električne alate i akumatore/baterije u kućno đubre!



Samo za EU-zemlje:

Električni i elektronski uređaji ili istrošeni akumulatori i baterije koji više ne mogu da se koriste moraju da se



1 607 000 FL9



1 607 000 FV9



1 607 000 FM0



1 607 000 FM1



1 607 000 FW0



1 615 430 010

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