



Professional HEAVY DUTY

GTH 18V-14

Robert Bosch Power Tools GmbH
70538 Stuttgart
GERMANY

www.bosch-pt.com

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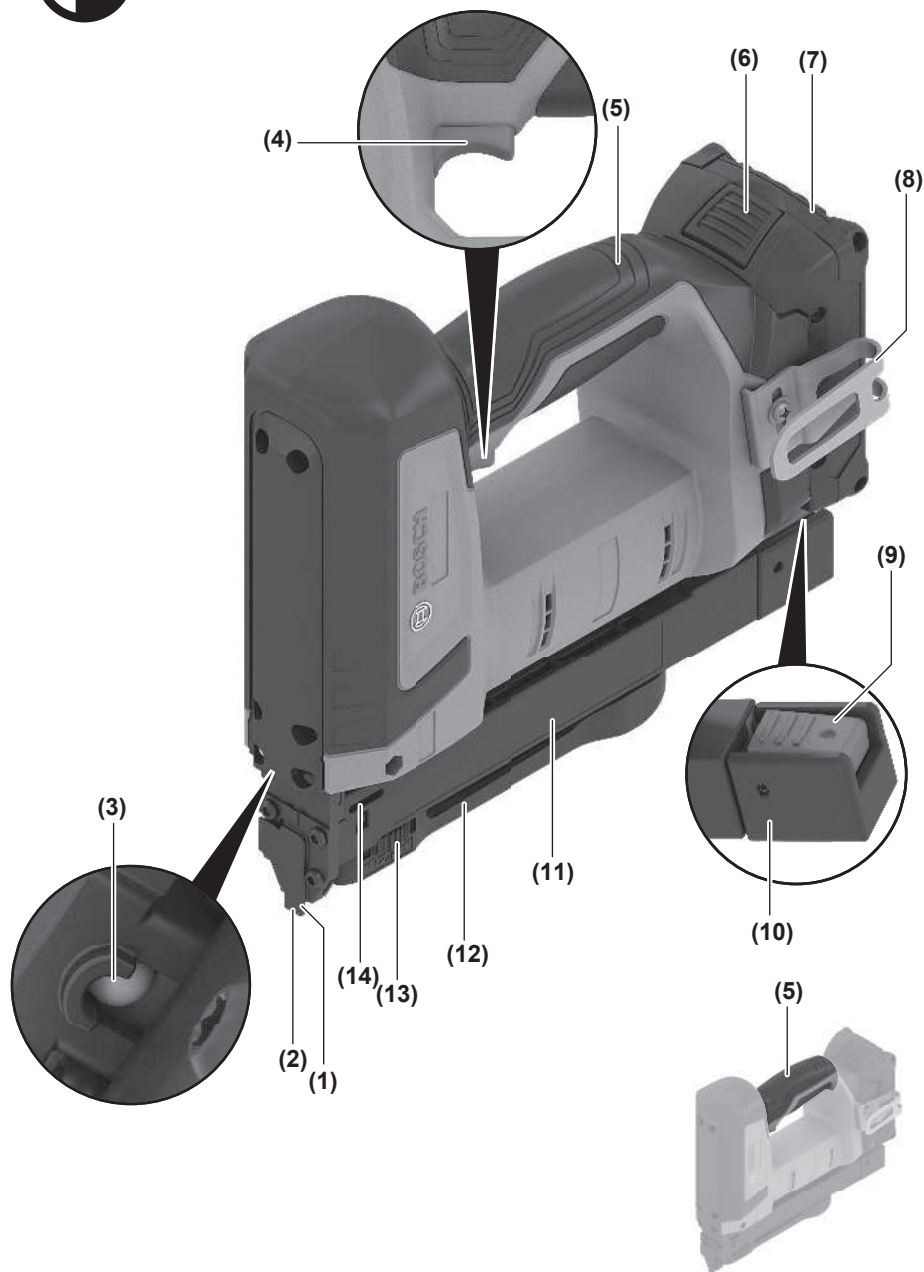


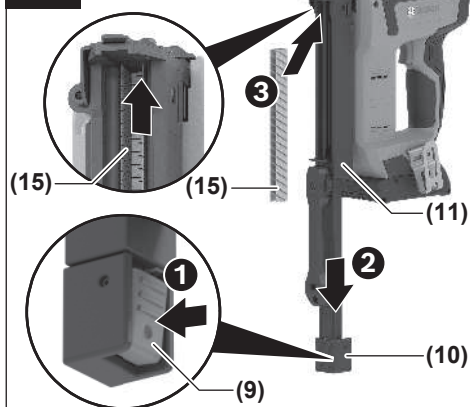
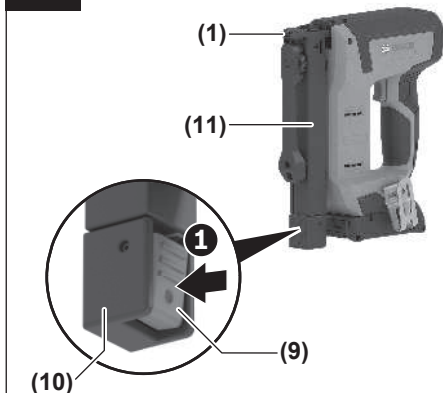
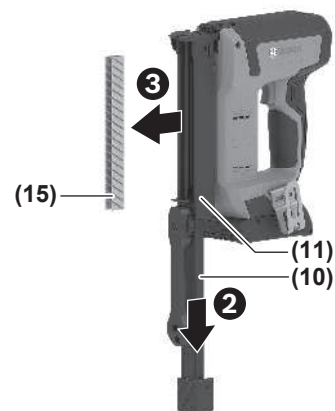
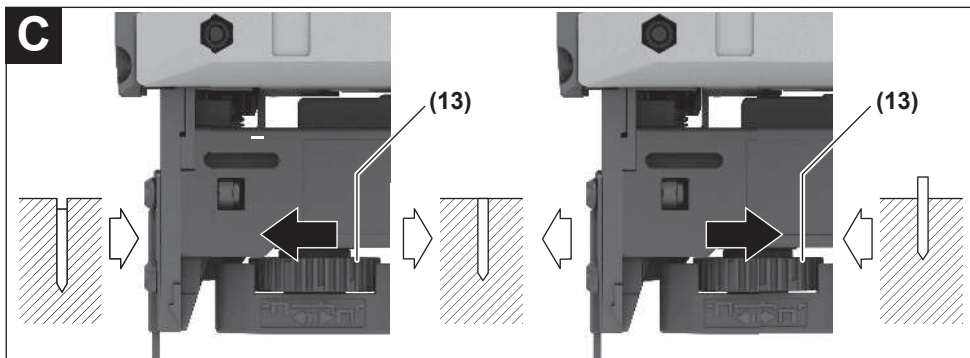
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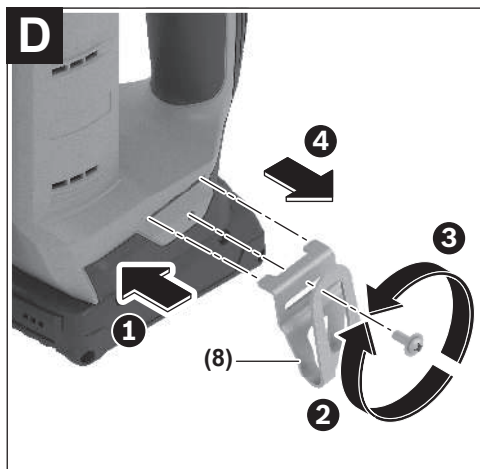


Lietuvių k.Puslapis 6





A1**A2****B1****B2****C**



Lietuvių k.

Saugos nuorodos

Bendrosios saugos nuorodos dirbantiems su elektriniais įrankiais

⚠️ ĮSPĖJIMAS Perskaitykite visus su šiuo elektriniu įrankiu pateikiamus saugos įspėjimus, instrukcijas, peržiūrėkite iliustracijas ir specifikacijas. Jei nepaisysite visų žemiau pateiktų instrukcijų, galite patirti elektros smūgį, sukelti gaisrą ir sunkiai susižaloti arba sužaloti kitus asmenis.

Išsaugokite šias saugos nuorodas ir reikalavimus, kad ir ateityje galėtumėte jais pasinaudoti.

Toliau pateiktame tekste vartojama sąvoka „Elektrinis įrankis“ apibūdina įrankius, maitinamus iš elektros tinklo (su maitinimo laidu), ir akumulatorinius įrankius (be maitinimo laido).

Darbo vietos saugumas

- ▶ **Darbo vieta turi būti švari ir gerai apšviesta.** Netvarkinga arba blogai apšviesta darbo vieta gali tapti nelaimingų atsitikimų priežastimi.
- ▶ **Nedirbkite su elektriniu įrankiu aplinkoje, kurioje yra degių skysčių, dujų ar dulkių.** Elektriniai įrankiai gali kibirkščiuoti, o nuo kibirkščių dulkės arba susikaupę garai gali užsidegti.
- ▶ **Dirbdami su elektriniu įrankiu neleiskite šalia būti vaikams ir pašaliniais asmenims.** Nukreipę dėmesį į kitus asmenis galite nebesuvaldyti prietaiso.

Elektrosauga

- ▶ **Saugokite elektrinį įrankį nuo lietaus ir drėgmės.** Jei į elektrinį įrankį patenka vandens, padidėja elektros smūgio rizika.

Žmonių sauga

- ▶ **Būkite atidūs, sutelkite dėmesį į tai, ką darote, ir dirbdami su elektriniu įrankiu vadovaukitės sveiku protu.** Nedirbkite su elektriniu įrankiu, jei esate pavargę arba vartojote narkotikų, alkoholio ar medikamentų. Akimirksniu neatidumas dirbant su elektriniu įrankiu gali tapti sunkių sužalojimų priežastimi.
- ▶ **Visada dirbkite su asmens apsaugos priemonėmis. Būtinai dėvėkite apsauginius akinius.** Naudojant asmens apsaugos priemones, pvz., respiratorių ar apsauginę kaukę, neslystantčius batus, apsauginį šalną, klausos apsaugos priemones ir kt., rekomenduojamas atitinkamai pagal naudojamą elektrinį įrankį, sumažėja rizika susižeisti.
- ▶ **Saugokitės, kad elektrinio įrankio neįjungtumėte atsitiktinai. Prieš prijungdami elektrinį įrankį prie elektros tinklo ir (arba) akumulatoriaus, prieš pakeldami ar nešdami įsitikinkite, kad jis yra išjungtas.** Jeigu nešdami elektrinį įrankį pirštą laikysite ant jungiklio arba prietaisą įjungsite į elektros tinklą, kai jungiklis yra įjungtas, gali įvykti nelaimingas atsitikimas.

- ▶ **Prieš įjungdami elektrinį įrankį pašalinkite re-guliavimo įrankius arba veržlinius raktus.** Besisukančioje prietaiso dalyje esantis įrankis ar raktas gali sužaloti.
- ▶ **Stenkitės, kad kūnas visada būtų normalioje padėtyje.** Dirbdami stovėkite saugiai ir visada išlaikykite pusiausvyrą. Tvirtai stovėdami ir gerai išlaikydami pusiausvyrą galėsite geriau kontroliuoti elektrinį įrankį netikėtose situacijose.
- ▶ **Dėvėkite tinkamą aprangą. Nedėvėkite placių drabužių ir papuošalų.** Saugokite plaukus ir drabužius nuo besisukančių elektrinio įrankio dalių. Laisvus drabužius, papuošalus bei ilgus plaukus gali įtraukti besisukančios dalys.
- ▶ **Jei yra numatyta galimybė prijungti dulkių nusiurbimo ar surinkimo įrenginius, visada įsitikinkite, ar jie yra prijungti ir ar tinkamai naudojami.** Naudojant dulkių nusiurbimo įrenginius sumažėja kenksmingas dulkių poveikis.
- ▶ **Dažnai naudodami įrankį ir gerai su juo susipažinę, pernelyg neatsipalaiduokite ir nepradėkite nepaisyti įrankio saugos principų.** Neatidus veiksmas gali sukelti sunkią traumą per sekundės dalį.

Rūpestinga elektrinių įrankių priežiūra ir naudojimas

- ▶ **Neperkraukite elektrinio įrankio. Naudokite jūsų darbui tinkamą elektrinį įrankį.** Su tinkamu elektriniu įrankiu jūs dirbsite geriau ir saugiau, jei neviršysite nurodyto galingumo.
- ▶ **Nenaudokite elektrinio įrankio su sugedusiu jungikliu.** Elektrinis įrankis, kurio nebegalima įjungti ar išjungti, yra pavojingas ir jį reikia remontuoti.
- ▶ **Prieš reguliuodami elektrinį įrankį, keisdami darbo įrankius ar prieš valydami elektrinį įrankį, iš elektros tinklo lizdo ištraukite kištuką ir (arba) išimkite akumulatorių, jeigu jis išimamas.** Ši atsargumo priemonė apsaugos jus nuo netikėto elektrinio įrankio įsijungimo.
- ▶ **Nenaudojamą elektrinį įrankį sandėliuokite vaikams ir nemokantiems juo naudotis asmenims neprieinamoje vietoje.** Elektriniai įrankiai yra pavojingi, kai juos naudoja nepatyrę asmenys.
- ▶ **Pržiūrėkite elektrinį įrankį ir priedus.** Patikrinkite, ar besisukančios įrankio dalys tinkamai veikia ir niekur nestringa, ar nėra sulūžusių ar pažeistų dalių, kurios trikdytų elektrinio įrankio veikimą. Prieš vėl naudojant elektrinį įrankį, pažeistos įrankio dalys turi būti su-taisytos. Daugelio nelaimingų atsitikimų priežastis yra blogai prižiūrimi elektriniai įrankiai.
- ▶ **Pjovimo įrankiai turi būti aštrūs ir švarūs.** Rūpestingai prižiūrėti pjovimo įrankiai su aštriomis pjaunamosiomis briaunomis mažiau stringa, juos lengviau valdyti.
- ▶ **Elektrinį įrankį, papildomą įrangą, darbo įrankius ir t. t. naudokite taip, kaip nurodyta šioje instrukcijoje, ir atsižvelkite į darbo sąlygas ir atliekamą darbą.** Naudojant elektrinius įrankius ne pagal paskirtį, gali susidaryti pavojingos situacijos.
- ▶ **Rankenos ir suėmimo paviršiai turi būti sausi, švarūs, ant jų neturi būti alyvos ir tepalų.** Dėl slidžių rankenų ir

suėmimo paviršių negalėsite saugiai išlaikyti ir suvaldyti įrankio netikėtose situacijose.

Rūpestinga akumuliatorinių įrankių priežiūra ir naudojimas

- ▶ **Akumuliatoriui įkrauti naudokite tik tuos kroviklius, kuriuos rekomenduoja gamintojas.** Naudojant kitokio tipo akumuliatoriams skirtą kroviklį, iškyla gaisro pavojus.
- ▶ **Su elektrinių įrankių galima naudoti tik jam skirtą akumuliatorių.** Naudojant kitokius akumuliatorius iškyla susižalojimo ir gaisro pavojus.
- ▶ **Nelaikykite sąvaržėlių, monetų, raktų, vinių, varžtų ar kitokių metalinių daiktų arti ištraukto iš prietaiso akumuliatoriaus kontakto.** Trumpai sujungus akumuliatoriaus kontaktus galima nusideginti ar sukelti gaisrą.
- ▶ **Netinkamai naudojant akumuliatorių, iš jo gali ištėkėti skystis; venkite kontakto su šiuo skysčiu.** Jei skysčio pateko ant odos, nuplaukite jį vandeniu. Jei skysčio pateko į akis, nedelsdami kreipkitės į gydytoją. Akumuliatoriaus skystis gali sudirginti ar nudeginti odą.
- ▶ **Nenaudokite pažeisto arba perdaryto akumuliatoriaus arba įrankio.** Sugadinti arba perdaryti akumuliatoriai gali veikti nuspėjamai – sukelti gaisrą, sproginimą arba traumų pavojų.
- ▶ **Saugokite akumuliatorių ir įrankį nuo ugnies ir aukštos temperatūros.** Patekęs į ugnį arba aukštesnę nei 130 °C temperatūrą, jis gali sprogti.
- ▶ **Vykdykite visas įkrovimo instrukcijas ir nekraukite akumuliatoriaus arba įrankio temperatūroje, neatitinkančioje instrukcijose nurodyto temperatūros diapazono ribų.** Netinkamai kraunant arba įrengiant temperatūra neatitinkama nurodyto diapazono ribų, gali sugesti akumuliatorius ir kilti gaisras.

Techninė priežiūra

- ▶ **Elektrinį įrankį turi remontuoti tik kvalifikuoti specialistai ir naudoti tik originalias atsargines dalis.** Taip galima garantuoti, jog elektrinis įrankis išliks saugus naudoti.
- ▶ **Niekada neatlikite pažeisto akumuliatoriaus techninės priežiūros.** Akumuliatorių techninę priežiūrą turi atlikti tik gamintojas arba įgijotasis techninės priežiūros atstovas.

Saugos nuorodos dirbantiems su pistoletais sąsagėlėms kiti

- ▶ **Nepamirškite, kad pistolete sąsagėlėms kalti yra tvirtinimo elementų.** Neatsargiai naudojant pistoletą sąsagėlėms kalti, netikėtai gali iššauti tvirtinimo elementas ir sužaloti asmenis.
- ▶ **Atjunkite pistoletą sąsagėlėms kalti nuo elektros tinklo, jei pildote sąsagėlių arba jas išimate, atliekate reguliavimo darbus ar keičiate papildomą įrangą.** Jei pistoletas sąsagėlėms kalti yra prijungtas prie elektros tinklo, jis gali būti netikėtai suaktyvintas, dėl ko galite susižaloti.

- ▶ **Būkite atsargūs dirbdami su tvirtinimo elementais, ypač juos įdėdami arba išimdami.** Tvirtinimo elementų galas yra smailas, todėl galite susižaloti.
- ▶ **Nenukreipkite įrankio į save ir į netoli esančius asmenis.** Netikėtai paspaudus gaiduką, iššaus tvirtinimo elementas, dėl ko galite susižaloti.
- ▶ **Kai pneumatinio pistoleto nenaudojate arba kai judate iš vienos darbo padėties į kitą, laikykite pirštus atokiau nuo gaiduko.** Netikėtai paspaudus gaiduką gali iššauti tvirtinimo elementas, o tai gali sukelti sužalojimus.
- ▶ **Jei atliekate darbus, kurių metu sąsagėlė gali kliudyti paslėptus elektros laidus, pistoletą sąsagėlėms kalti laikykite už izoliuotų rankenų.** Sąsagėlė palietus laidą, kuriuo teka elektros srovė, metalinėse pistoleto sąsagėlėms kalti dalyse gali atsirasti įtampa ir trenkti elektros smūgis.
- ▶ **Dirbdami tvirtai laikykite pistoletą sąsagėlėms kalti.** Dėl pistoleto sąsagėlėms kalti atitranso, jis gali netyčia įsijungti ir sužaloti.
- ▶ **Visas kūno dalis, pvz., rankas, kojas ir kt., laikykite toliau nuo pistoleto sąsagėlėms kalti kalimo krypties.** Tvirtinimo elementas gali prasiskverbti per ruošinį ir per bet kokį po juo esantį daiktą ir sužaloti.
- ▶ **Kai dirbate su pistoletu sąsagėlėms kalti, visas kūno dalis, pvz., rankas, kojas ir kt., laikykite toliau nuo vietos, kurioje sąsagėlė sminga į ruošinį.** Sąsagėlės ruošinyje gali nukrypti ar pasislinkti iš ruošinio ir sužaloti.
- ▶ **Pistoleto sąsagėlėms kalti įjunkite tik tada, kai jis įremtas į ruošinį.** Jei pistoletas sąsagėlėms kalti noliečia ruošinio, tvirtinimo elementas gali nukrypti nuo ruošinio, o tai gali sukelti sužalojimus.
- ▶ **Šio pneumatinio pistoleto nenaudokite elektros laidams tvirtinti.** Jis nėra skirtas elektros laidų instaliacijoms, todėl gali pažeisti elektros laidų izoliaciją, dėl ko gali trenkti elektros smūgis ar kilti gaisras.
- ▶ **Jei įrankyje užstringa tvirtinimo elementas, atjunkite pistoletą sąsagėlėms kalti nuo energijos šaltinio.** Jei išimant užstringusį elementą pistoletas sąsagėlėms kalti yra prijungtas prie elektros tinklo, jis gali būti netikėtai suaktyvintas, dėl ko galite susižaloti.
- ▶ **Būkite atsargūs išimdami įstrigusį tvirtinimo elementą.** Mechanizmas gali būti veikiamas slėgio jėgos, o tvirtinimo elementas gali būti išmestas su jėga, dėl ko galite susižaloti.
- ▶ **Prieš pradėdami darbą, tinkamai iššikliais patikrinkite, ar po norimais apdirbti paviršiais nėra pravesių elektros laidų, dujų ar vandentiekio vamzdžių; jei abejojate, galite pasikviesti į pagalbą vietinius komunalinių paslaugų teikėjus.** Kontaktas su elektros laidais gali sukelti gaisro bei elektros smūgio pavojų. Pažeidus dujotiekio vamzdį, gali įvykti sproginimas. Pažeidus vandentiekio vamzdį galima pridaryti daugybę nuostolių.
- ▶ **Pažeidus akumuliatorių ar netinkamai jį naudojant, gali išsiveržti garų.** Akumuliatorius gali užsidegti arba sprogti. Išvėdinkite patalpą ir, jei nukentėjote, kreipkitės į gydytoją. Šie garai gali sudirginti kvėpavimo takus.

- ▶ **Neatidarykite akumulatoriaus ir nedarykite jokių jo pakeitimų.** Galimas trumpojo sujungimo pavojus.
- ▶ **Aštrūs daiktai, pvz., vinys ar atsuktuvai, arba išorinė jėga gali pažeisti akumuliatorių.** Dėl to gali įvykti vidinis trumpasis jungimas ir akumuliatorius gali sudegti, pradėti rūkti, sprogti ar perkaisti.
- ▶ **Akumuliatorių naudokite tik gamintojo gaminiuose.** Tik taip apsaugosite akumuliatorių nuo pavojingos per didelės apkrovos.



Saugokite akumuliatorių nuo karščio, taip pat ir nuo ilgalaikio saulės spindulių poveikio, ugnies, nešvarumų, vandens ir drėgmės. Išskyta sprogoimo ir trumpojo jungimo pavojus.

pojo jungimo pavojus.

Simboliai ir jų reikšmės

Žemiau pateikti simboliai gali būti svarbūs naudojant jūsų elektrinį įrankį. Prašome įsiminti simbolius ir jų reikšmes. Teisinga simbolių interpretacija padės geriau ir saugiau naudotis elektriniu įrankiu.

Simboliai ir jų reikšmės



Dirbkite su klausos apsaugos priemonėmis. Dėl triukšmo poveikio galima prarasti klausą.



Dirbkite su apsauginiais akiniais.

Gaminio ir savybių aprašas

Naudojimas pagal paskirtį

Elektrinis įrankis yra skirtas sąsagėlėms į medieną kalti. Leidžiama naudoti tik tuos tvirtinimo elementus (vinis, sąsagėlės ir kt.), kurie nurodyti lentelėje „Techniniai duomenys“.

Nuoroda: elektrinis įrankis nėra skirtas sąsagėlėms į metalą ar betoną įkalti.

Pavaizduoti komponentai

Pavaizduotų sudedamųjų dalių numeriai atitinka elektrinio įrankio schemos numerius.

- (1) Paleidimo saugiklis
- (2) Žiotys
- (3) Darbinė lemputė
- (4) Paleidimo mygtukas
- (5) Rankena (izoliuotas rankenos paviršius)
- (6) Akumulatoriaus atblokovimo klavišas
- (7) Akumuliatorius
- (8) Diržo kablys
- (9) Apkabos atidarymo jungiklis

- (10) Apkabos stūmiklis
- (11) Apkaba
- (12) Gylio ribotuvas
- (13) Gylio ribotuvo nustatymo regulatoriaus ratukas
- (14) Pripildymo indikatoriaus langelis
- (15) Sąsagėlių juostelė^{a)}

a) Šio priedo standartiniame tiekiamame komplekte nėra.

Techniniai duomenys

Akumulatorinis segiklis		GTH 18V-14
Gaminio numeris		3 601 D82 8..
Nominalioji įtampa	V=	18
Paleidimo sistema		
– Kalimas po vieną su paleidimo apsauga		●
– Kontaktinis kalimas		●
Tvirtinimo elementas		
– Tipas		Plokščios vielos-sąsagėlės Bosch 57 tipas
– Nugarėlės plotis	mm	10,6
– Ilgis	mm	6–14
– Storis	mm	1,25
– Kampas		0°
Maks. apkabos talpa		100
Matmenys (be akumulatoriaus)		
– Aukštis	mm	223
– Plotis	mm	81
– Ilgis su kontaktiniu elementu	mm	247
Svoris ^{A)}	kg	1,8
Rekomenduojama aplinkos temperatūra įkraunant	°C	0 ... +35
Leidžiamoji aplinkos temperatūra veikiant ^{B)} ir sandėliuojant	°C	–20 ... +50
Suderinami akumuliatoriai		GBA18V... GBA 18V... ProCORE18V... EXPERT18V... EXBA18V... CORE18V...
Rekomenduojami akumuliatoriai darbui visa galia		GBA 18V... ≥ 2,0 Ah
Rekomenduojami krovikliai		GAL18... GAL 18... GAL 36... GAL12V/18... GAL 12V/18...

Akumuliatorinis segiklis**GTH 18V-14**GAX 18...
EXAL18...A) Be akumuliatoriaus (akumuliatoriaus svorį rasite www.bosch-professional.com.)B) ribota galia, esant temperatūrai $< 0^{\circ}\text{C}$ Vertės gali skirtis priklausomai nuo gamintojo, jos taip pat priklauso nuo naudojimo ir aplinkos sąlygų. Daugiau informacijos rasite www.bosch-professional.com/wac.**Informacija apie triukšmą ir vibraciją**Triukšmo emisijos vertės nustatytos pagal **EN IEC 62841-2-16**.Pagal A skalę išmatuotas elektrinio įrankio triukšmo lygis tipiniu atveju siekia: garso slėgio lygis **87 dB(A)**; garso galios lygis **97 dB(A)**. Paklaida $K = 3 \text{ dB}$.**Dirbkite su klausos apsaugos priemonėmis!**Vibracijos vertės a_h (nuolatinė vibracija), p_f (pakartotina smūginė vibracija) ir paklaida K , nustatyta pagal**EN IEC 62841-2-16:** $a_h = 1,3 \text{ m/s}^2$ ($K = 1,5 \text{ m/s}^2$), $p_f = 1409 \text{ m/s}^2$ ($K = 63 \text{ m/s}^2$)

Šioje instrukcijoje pateiktas vibracijos lygis ir triukšmo emisija buvo išmatuoti pagal standartizuotą matavimo metodą, ir juos galima naudoti elektriniams įrankiams palyginti. Jie taip pat skirti vibracijos ir triukšmo emisijai iš anksto įvertinti.

Nurodytas vibracijos lygis ir triukšmo emisijos vertė atspindi pagrindinius elektrinio įrankio naudojimo atvejus. Tačiau jeigu elektrinis įrankis naudojamas kitokiais paskirčiais, su kitokiais darbo įrankiais arba jeigu jis nepakankamai techniškai prižiūrimas, vibracijos lygis ir triukšmo emisijos vertė gali kisti. Tokie atvejai vibracijos ir triukšmo emisiją per visą darbo laikotarpį gali žymiai padidinti.

Norint tiksliai įvertinti vibracijos ir triukšmo emisiją per tam tikrą darbo laiką, reikia atsižvelgti ir į laiką, per kurį elektrinis įrankis buvo išjungtas arba, nors ir veikė, bet nebuvo naudojamas. Tai įvertinus, vibracijos ir triukšmo emisiją per visą darbo laiką žymiai sumažės.

Dirbančiam nuo vibracijos poveikio apsaugoti paskirkite papildomas apsaugos priemones, pvz.: elektrinių ir darbo įrankių techninę priežiūrą, rankų šildymą, darbo eigos organizavimą.

Akumuliatorius**Bosch** akumuliatorinius elektrinius įrankius parduoda ir be akumuliatoriaus. Ar į jūsų elektrinio įrankio tiekiamą komplektą įeina akumuliatorius, galite pažiūrėti ant pakuotės.**Akumuliatoriaus įkrovimas**► **Naudokite tik techninių duomenų skyriuje nurodytus kroviklius.** Tik šie krovikliai yra priderinti prie Jūsų elektriniame prietaise naudojamo ličio jonų akumuliatoriaus.**Nuoroda:** laikantis tarptautinių transportavimo teisės akto, ličio jonų akumuliatoriai tiekiami dalinai įkrauti. Kad akumuliatorius veiktų visa galia, prieš pirmąjį naudojimą akumuliatorių visiškai įkraukite.**Akumuliatoriaus įdėjimas**

Įkrautą akumuliatorių stumkite į akumuliatoriaus laikiklį, kol pajusite, kad užsifiksavo.

Akumuliatoriaus išėmimasNorėdami išimti akumuliatorių, paspauskite akumuliatoriaus atblokovimo klavišus ir išimkite akumuliatorių. **Traukdami nenaudokite jėgos.**

Akumuliatoriuje yra 2 fiksavimo pakopos, kurios saugo, kad netikėtai paspaudus akumuliatoriaus atblokovimo klavišą, akumuliatorius neiškristų. Į elektrinį prietaisą įstatytą akumuliatorių tinkamoje padėtyje palaiko spyruoklė.

Akumuliatoriaus įkrovos būklės indikatorius

Nuoroda: ne visų tipų akumuliatoriai yra su įkrovos būklės indikatoriumi.

Žali akumuliatoriaus įkrovos būklės indikatorius rodo akumuliatoriaus įkrovos būklę. Dėl saugumo, įkrovos būklę galima pažiūrėti tik tada, kai elektrinis įrankis neveikia.

Jei norite, kad būtų parodyta įkrovos būklė, paspauskite įkrovos būklės mygtuką  arba . Tai galima ir tada, kai akumuliatorius yra išimtas.

Jei paspaudus mygtuką nešviečia nei vienas šviesadiodis indikatorius, vadinasi akumuliatorius yra pažeistas ir jį reikia pakeisti.

Akumuliatoriaus tipas GBA 18V... | GBA18V...

Šviesos diodas	Talpa
Šviečia nuolat 3 × žali	60–100 %
Šviečia nuolat 2 × žali	30–60 %
Šviečia nuolat 1 × žalias	5–30 %
Mirksi 1 × žalias	0–5 %

Akumuliatoriaus tipas ProCORE18V... | EXPERT18V... | EXBA18V... | CORE18V...

Šviesos diodas	Talpa
Šviečia nuolat 5 × žali	80–100 %
Šviečia nuolat 4 × žali	60–80 %
Šviečia nuolat 3 × žali	40–60 %
Šviečia nuolat 2 × žali	20–40 %
Šviečia nuolat 1 × žalias	5–20 %
Mirksi 1 × žalias	0–5 %

Akumuliatorių pažeidimo rizikos atpažinimas**EXPERT18V... | EXBA18V...**

Akumuliatoriaus įkrovos būklės indikatorius šviesos diodai gali rodyti ne tik akumuliatoriaus įkrovos būklę, bet ir akumuliatoriaus pažeidimo riziką.

Norėdami suaktyvinti funkciją, 3 sekundes laikykite paspaus-
tą įkrovos būklės indikatorius  mygtuką. Apie akumulia-
toriaus analizę praneša bėgančios šviesos juostos principu
įsižiebiančys akumulatoriaus įkrovos būklės indikatorius
šviesos diodai. Rezultatas rodomas akumulatoriaus įkrovos
būklės indikatoriaje.

 **1 šviesos diodas:** didelė akumulatoriaus pa-
žeidimo rizika. Galia ir veikimo laikas gali būti
sumažėję. Akumuliatorių rekomenduojama pakeisti.

 **5 šviesos diodai:** akumulatoriaus būklė gera,
pažeidimo rizika maža.

Prašome atkreipti dėmesį: akumuliatoriaus pažeidimo rizi-
kos įvertinimas vyksta dviem pakopomis ir pateikia supa-
prastintą būsenos įvertinimą. Akumuliatoriaus įvertinamas
kaip geros būsenos arba kaip turintis padidintą pažeidimų ri-
ziką. Baterijų būseną procentine dalimi neišreiškiama.

Nuorodos, kaip optimaliai elgtis su akumuliatoriumi

Saugokite akumuliatorių nuo drėgmės ir vandens.

Akumuliatorių sandėliuokite tik nuo -20 °C iki 50 °C tem-
peratūroje. Pvz., nepalikite akumulatoriaus vasarą automo-
bilyje.

Akumulatoriaus ventiliacines angas valykite minkštu, švari-
u ir sausu teptuku.

Pastebimas įkrauto akumulatoriaus veikimo laiko sutrumpė-
jimas rodo, kad akumuliatorius susidėvėjo ir jį reikia pakeisti.
Laikykites pateiktų šalinimo nurodymų.

Montavimas

► **Prieš pradėdami bet kokius elektrinio įrankio priežiū-
ros darbus (pvz., techninės priežiūros, įrankio keitimą
ir kt.), iš elektrinio įrankio išimkite akumuliatorių.**

Priešingu atveju, netyčia nuspaudus įjungimo-išjungimo
jungiklį, iškyla sužalojimo pavojus.

► **Elektrinį įrankį visada padėkite ant šono ir niekada ne-
statykite jo ant akumulatoriaus.** Priklausomai nuo nau-
dojamo darbo įrankio ir akumulatoriaus, elektrinis įrankis
gali nuvirsti.

Apkabos užpildymas (žr. A1–A2 pav.)

► **Prieš pradėdami prietaisą reguliuoti, keisti papildomą
įrangą ar prieš padėdami elektrinį įrankį, išimkite aku-
muliatorių.** Ši atsargumo priemonė apsaugos jus nuo ne-
tikėto elektrinio įrankio įsijungimo.

Naudokite tik originalią Bosch papildomą įrangą. Precizi-
nės elektrinio įrankio dalys, pvz., apkaba, žiotys ir šūvio ka-
nalas, yra pritaikytos Bosch sąsagėlėms, vinims ir vinims
be galvūčių. Kiti gamintojai naudoja kitokios kokybės plieną
ir gamina kitokių matmenų tvirtinimo elementus.

Nuoroda: naudokite tik lentelėje „Techniniai duomenys“ nu-
rodytus tvirtinimo elementus.

Naudojant neleistinus tvirtinimo elementus, galimi elektrinio
įrankio pažeidimai ir asmenų sužalojimai.

Kaldami, elektrinį įrankį laikykite taip, kad žiotys (2) nebūtų
nukreiptos nei į jus, nei į kitus asmenis.

- Paspauskite apkabos atidarymo jungiklį (9). Išvažiuoja
apkabos stūmiklis (10).
- Į viršutinę apkabos (11) dalį įdėkite sąsagėlių juostelę, są-
sagėlių viršūnes nukreipę aukštyn.

Nuoroda: elektroninis kontrolės įtaisas atpažįsta, ar apkabo-
je yra sąsagėlių. Jei paleidimo saugiklis paspaudžiamas,
esant tuščiai apkabai, kalimo operacija neatliekama. Taip yra
apsaugoma nuo tuščių šūvių.

- Traukite apkabos stūmiklį (10) į apkabos priekį, kol apka-
bos stūmiklis užsifiksuos.

Nuoroda: apkabos stūmiklis turi leisti stumiamas atgal ne-
naudojant didelės jėgos (turi pakakti piršto jėgos). Užstrigęs
apkabos stūmiklis daro tokį poveikį: sąsagėlės neiššauna-
mos, sąsagėlės lieka užstrigusios šūvio kanale (žr. „Strigi-
mas“) arba sąsagėlės iššaunamos netinkamu kampu.

Naudojimas

► **Elektrinį įrankį visada padėkite ant šono ir niekada ne-
statykite jo ant akumulatoriaus.** Priklausomai nuo nau-
dojamo darbo įrankio ir akumulatoriaus, elektrinis įrankis
gali nuvirsti.

Paleidimo sistema

Kalimas po vieną su paleidimo apsauga

Nustačius šią paleidimo sistemą, pirmiausia į ruošinį reikia
tvirtai įremti paleidimo saugiklį (1). Tvirtinimo elementas iš-
šaukiamas tik tada, kai paspaudžiamas paleidimo
mygtukas (4).

Kitą kalimo operaciją galima atlikti, kai paleidimo mygtukas
(4) vėl atstatomas į pradinę padėtį, o paleidimo saugiklis (1)
vis dar yra visiškai įspaustas.

Kontaktinis kalimas

Nustačius šią paleidimo sistemą, pirmiausia reikia paspausti
paleidimo mygtuką (4) ir laikyti jį šioje padėtyje. Tada palei-
dimo saugiklį (1) reikia tvirtai įremti į ruošinį, kad būtų gali-
ma iššauti tvirtinimo elementą. Kol paleidimo mygtukas (4)
yra spaudžiamas, įrankį pridėdant prie kitos vietos galima at-
likti kitas kalimo operacijas.

Paruošimas naudoti

Įjungimas/išjungimas

Įdėjęs akumuliatorių (7), elektrinis įrankis yra paruoštas eks-
ploatuoti.

Prikalimas – kalimas po vieną

- Žiotis (2) tvirtai pridėkite prie ruošinio ir laikykite, kol bus
visiškai įspaustas paleidimo saugiklis (1).
Įsijungia darbinė lemputė (3).
- Tada trumpai paspauskite paleidimo mygtuką (4) ir vėl jį
atleiskite.
Iššaunama sąsagėlė.
- Norėdami atlikti kitą kalimo operaciją, elektrinį įrankį vi-
siškai atitraukite nuo ruošinio ir vėl tvirtai įremkite kitoje

pageidaujamoje vietoje.

Norėdami iššauti kitą sąsagėlę, taip pat galite laikyti paspausta paleidimo saugiklį **(1)** ir spausiti paleidimo mygtuką **(4)**.

Prikalimas – kontaktinis kalimas

- Paleidimo mygtuką **(4)** laikykite paspausta. Įsijungia darbinė lemputė **(3)**.
- Žiotis **(2)** tvirtai pridėkite prie ruošinio ir laikykite, kol bus visiškai įspaustas paleidimo saugiklis **(1)**. Išsaunama sąsagėlė.
- Norėdami atlikti kitą kalimo operaciją, paleidimo mygtuką **(4)** ir toliau laikykite paspausta, o elektrinį įrankį visiškai atkelkite nuo ruošinio. Jį vėl tvirtai įremkite kitoje pageidaujamoje vietoje. Išsaunama kita sąsagėlė.

Nuoroda: prieš atkeldami elektrinį įrankį nuo ruošinio, visada palaukite, kol sąsagėlė bus visiškai iššauta.

Darbo patarimai

► Prieš pradėdami bet kokius elektrinio įrankio priežiūros darbus (pvz., techninės priežiūros, įrankio keitimo ir kt.), iš elektrinio įrankio išimkite akumuliatorių.

Priešingu atveju, netyčia nuspaudus įjungimo-išjungimo jungiklį, iškyla sužalojimo pavojus.

Kaskart prieš pradėdami dirbti patikrinkite, ar nepriekaištingai veikia apsauginiai ir paleidimo įtaisai, ar tvirtai įsukti varžtai ir užveržtos varžlės.

Pažeistą ar netinkamai veikiančią elektrinį įrankį nedelsdami atjunkite nuo energijos tiekimo sistemos ir susisieki su įgaliota Bosch klientų aptarnavimo tarnyba.

Neatlikite jokių neleistinų elektrinio įrankio pakeitimų. Neišmontuokite ir neužblokuokite jokių elektrinio įrankio dalių, pvz., paleidimo saugiklio.

Neatlikite jokio „avarinio remonto“ netinkamomis priemonėmis. Elektrinio įrankio techninę priežiūrą reikia atlikti reguliariai ir tinkamai.

Nepakenkite elektriniam įrankiui ir nepažeiskite jo, pvz.:

- įpresuodami ar išgraviruodami,
- atlikę gamintojo draudžiamus permontavimo darbus,
- vesdami įrankį per šablona, pagamintą iš kietos medžiagos, pvz., plieno,
- numetę ant grindų ar stumdami per grindis,
- naudodami kaip smūginį įrankį,
- naudodami bet kokią jėgą.

Patikrinkite, kas yra po ruošiniu ir už jo. Nešaukite sąsagėlių į sieną, lubas ar grindis, jei už jų yra žmonių. Sąsagėlės gali pralįsti per ruošinį ir ką nors sužaloti.

Nešaukite sąsagėlės ant jau įkaltos sąsagėlės. Priešingu atveju, sąsagėlė gali deformuotis, sąsagėlė gali užstrigti arba galite prarasti elektrinio įrankio kontrolę.

Jei elektrinis įrankis naudojamas esant šaltam orui, pirmosios sąsagėlės įkalamos lėčiau nei įprastai. Kai elektrinis įrankis darbo metu įšyla, galima dirbti normaliu darbo greičiu. Daužiklio nusidėvėjimą sumažinsite, jei vengsite tuščių šūvių.

Prieš ilgesnės darbo pertraukas ar baigę darbą, iš elektrinio įrankio išimkite akumuliatorių ir, jei yra galimybė, ištuštinkite apkabą. Elektrinį įrankį padėkite ant lygaus paviršiaus, kad nesuaktyvintumėte kontaktinio elemento.

Apkabos ištuštinimas (žr. B1–B2 pav.)

- Paspauskite apkabos atidarymo jungiklį **(9)**. Išvažiuoja apkabos stūmiklis **(10)**.
- Pasukite elektrinį įrankį taip, kad iščiuožtų apkaboje **(11)** esanti sąsagėlių juostelė **(15)**.
- Norėdami apkabą uždaryti, apkabos stūmiklį **(10)** atsargiai stumkite pirmyn iki apkabos **(11)** pradžios.

Gylio ribotuvo nustatymas (žr. C pav.)

Sąsagėlių įkalimo gylį galima nustatyti reguliavimo ratuką **(13)**.

- Ištuštinkite apkabą **(11)**.
- **Sąsagėlės įkalamos per giliai:** norėdami sumažinti įkalimo gylį, sukite reguliavimo ratuką **(13)** kryptimi .
- **Sąsagėlės įkalamos nepakankamai giliai:** norėdami padidinti įkalimo gylį, sukite reguliavimo ratuką **(13)** kryptimi .

Įsitikinkite, kad gylio ribotuvas **(12)** visiškai priglundęs prie ruošinio.

- Vėl užpildykite apkabą.
- Ant bandomojo ruošinio patikrinkite įkalimo gylį. Jei reikia, darbo žingsnius pakartokite.

Užstrigusių tvirtinimo elementų pašalinimas

Pavienės sąsagėlės šūvio kanale gali užstrigti. Jei taip atsitinka dažnai, susisieki su įgaliota Bosch klientų aptarnavimo tarnyba.

- Atleiskite paleidimo mygtuką **(4)**.
- Išimkite akumuliatorių **(7)**.
- Paspauskite apkabos atidarymo jungiklį **(9)**.
- Pasukite elektrinį įrankį taip, kad iščiuožtų apkaboje **(11)** esanti sąsagėlių juostelė **(15)**. Išimkite užstrigusią sąsagėlę. Jei reikia, naudokite reples.
- Vėl užpildykite apkabą **(11)**.
- Traukite apkabos stūmiklį **(10)** į apkabos priekį, kol apkabos stūmiklis užsifiksuos.

Transportavimas ir sandėliavimas

Norėdami transportuoti, iš elektrinio įrankio išimkite akumuliatorių, o ypač tada, jei naudojates kopėčiomis arba esate priversti judėti būdamas neįprastoje kūno padėtyje.

Darbo vietoje elektrinį įrankį laikykite tik už rankenos **(5)**, o paleidimo mygtukas **(4)** turi būti nepaspaustas.

Elektrinį įrankį, išėmę iš jo akumuliatorių, visada sandėliuokite sausoje ir šiltoje vietoje.

Jei elektrinis įrankis ilgesnį laiką nebus naudojamas, plieninės įrankio dalis padenkite plonu alyvos sluoksniu. Tai apsaugos nuo rūdžių.

Diržo kablys (žr. D pav.)

Pasinaudodami diržo kabliu **(8)**, elektrinį prietaisą galite pakabinti, pvz., ant diržo. Tada Jūsų abi rankos bus laisvos, o elektrinis prietaisas bus patogioje ir pasiekiamoje vietoje.

ir kt.), iš elektrinio įrankio išimkite akumuliatorių.

Priešingu atveju, netyčia nuspausdus įjungimo-išjungimo jungiklį, iškyla sužalojimo pavojus.

- **Kad galėtumėte gerai ir saugiai dirbti, pasirūpinkite, kad elektrinis įrankis ir ventiliacinės angos būtų švarūs.**

Priežiūra ir servisas

Priežiūra ir valymas

- **Prieš pradėdami bet kokius elektrinio įrankio priežiūros darbus (pvz., techninės priežiūros, įrankio keitimo**

Techninės priežiūros planas

Išvalykite apkabą **(11)**. Pašalinkite medienos drožles, kurios galėjo susikaupti apkaboje darbo metu. Elektrinį įrankį reguliariai valykite suslėgtu oru.

Darbai	Kodėl juos reikia atlikti?	Modelis
Išvalykite apkabą (11) ir apkabos stūmiklį (10) .	Saugo nuo sąsagėlių strigimo.	– Apkabos ir apkabos stūmiklio mechanizmą prapūskite suslėgtu oru.
Užtikrinkite, kad paleidimo saugiklis (1) tinkamai veiktų.	Užtikrina jūsų darbo saugumą ir efektyvų elektrinio įrankio naudojimą.	– Paleidimo saugiklio mechanizmą kasdien prapūskite suslėgtu oru.

Trickių šalinimas

Gedimas	Priežastis	Šalinimas
Elektrinis įrankis nėra paruoštas naudoti.	Akumuliatorius neįkrautas arba pažeistas.	– Kiek galima įkraukite akumuliatorių arba jį pakeiskite.
	Akumuliatorius netinkamai įstatytas.	– Įsitikinkite, kad akumuliatorius rankenoje tinkamai įsistatė.
	Per aukšta arba per žema akumuliatoriaus temperatūra.	– Palaukite, kol akumuliatorius (vėl) pasieks optimalią darbinę temperatūrą.
	Užteršti arba pažeisti akumuliatoriaus kontaktai arba variklis.	– Susisiekite su įgaliota Bosch klientų aptarnavimo tarnyba. Patikėkite specialistams pakeisti konstrukcinę dalį.
	Apkaba (11) yra tuščia.	– Vėl užpildykite apkabą. (žr. „Apkabos užpildymas (žr. A1-A2 pav.)“, Pustapis 10)
	Sulinkęs paleidimo saugiklis (1) .	– Susisiekite su įgaliota Bosch klientų aptarnavimo tarnyba. Patikėkite specialistams pakeisti konstrukcinę dalį.
Elektrinis įrankis yra paruoštas naudoti, bet sąsagėlės neiššaunamos.	Pažeista elektronika.	– Susisiekite su įgaliota Bosch klientų aptarnavimo tarnyba.
	Gali būti pažeistos šios konstrukcinės dalys:	– Susisiekite su įgaliota Bosch klientų aptarnavimo tarnyba. Patikėkite specialistams pakeisti konstrukcinę dalį.
	– Paleidimo mygtukas (4)	
	– Daužiklis	
	– Variklis arba pavaros mechanizmas	
Žiotyse (2) arba apkaboje (11) prisikauptė svetimkūnių.	– Elektronika	
	Šovimo mechanizme prisikauptė svetimkūnių.	– Susisiekite su įgaliota Bosch klientų aptarnavimo tarnyba. Patikėkite specialistams pakeisti konstrukcinę dalį.
	Žiotyse (2) arba apkaboje (11) prisikauptė svetimkūnių.	– Išvalykite žiotis (2) ir apkabą (11) .

Gedimas	Priežastis	Šalinimas
	Šūvio kanale užstrigo sąsagėlė.	– Pašalinkite užstrigusį tvirtinimo elementą. (žr. „Užstrigusių tvirtinimo elementų pašalinimas“, Puslapis 11)
	Stringa arba pažeistas apkabos stūmiklis (10).	– Jei reikia, nuvalykite apkabos stūmiklį (10), ir įsitikinkite, kad apkaba (11) neužteršta. – Susisiekite su įgaliota Bosch klientų aptarnavimo tarnyba. Patikėkite specialistams pakeisti konstrukcinę dalį.
	Per silpna arba pažeista apkabos stūmiklio spyruoklė.	– Susisiekite su įgaliota Bosch klientų aptarnavimo tarnyba. Patikėkite specialistams pakeisti konstrukcinę dalį.
	Naudojamos neleistinos sąsagėlės.	– Naudokite tik originalią papildomą įrangą. Leidžiama naudoti tik tokias sąsagėles, kurios nurodytos lentelėje „Techniniai duomenys“.
	Apkaba (11) yra tuščia.	– Vėl užpildykite apkabą. (žr. „Apkabos užpildymas (žr. A1–A2 pav.)“, Puslapis 10)
	Vienu metu buvo paspaustas paleidimo mygtukas (4) ir paleidimo saugiklis (1).	– Iš naujo atlikite kalimo operaciją ir ją atlikdami laikykitės tinkamos paspaudimo sekos.
Sąsagėlės įsąnamos per giliai.	Per žemai nustatytas gylio ribotuvus (12). Gylio ribotuvus (12) nėra visiškai prigludę prie ruošinio.	– Gylio ribotuvą (12) nustatykite pagal pageidaujamą gylį. (žr. „Gylio ribotuvo nustatymas (žr. C pav.)“, Puslapis 11) – Įsitikinkite, kad gylio ribotuvus (12) visiškai prigludęs prie ruošinio.
	Susidėvėjęs amortizatorius.	– Susisiekite su įgaliota Bosch klientų aptarnavimo tarnyba. Patikėkite specialistams pakeisti konstrukcinę dalį.
Sąsagėlės nepakankamai giliai įsąnamos.	Akumuliatorius neįkrautas arba pažeistas. Naudojamos sąsagėlės yra per ilgos.	– Kiek galima įkraukite akumuliatorių arba jį pakeiskite. – Naudokite tik originalią papildomą įrangą. Leidžiama naudoti tik tokias sąsagėles, kurios nurodytos lentelėje „Techniniai duomenys“.
	Per aukštai nustatytas gylio ribotuvus.	– Gylio ribotuvą nustatykite pagal pageidaujamą gylį. (žr. „Gylio ribotuvo nustatymas (žr. C pav.)“, Puslapis 11)
	Per silpnai spaudžiama į ruošinį.	– Elektrinį įrankį stipriau spauskite į ruošinį.
	Pažeistas daužiklis.	– Susisiekite su įgaliota Bosch klientų aptarnavimo tarnyba. Patikėkite specialistams pakeisti konstrukcinę dalį.
Elektrinis įrankis peršoka sąsagėles.	Naudojamos neleistinos sąsagėlės. Per silpna arba pažeista apkabos stūmiklio spyruoklė.	– Naudokite tik originalią papildomą įrangą. Leidžiama naudoti tik tokias sąsagėles, kurios nurodytos lentelėje „Techniniai duomenys“. – Susisiekite su įgaliota Bosch klientų aptarnavimo tarnyba. Patikėkite specialistams pakeisti konstrukcinę dalį.

Gedimas	Priežastis	Šalinimas
Sąsagėlės dažnai užstringa šūvio kanale.	Naudojamos neleistinos sąsagėlės.	– Naudokite tik originalią papildomą įrangą. Leidžiama naudoti tik tokias sąsagėles, kurios nurodytos lentelėje „Techniniai duomenys“. – Susisiekite su įgaliota Bosch klientų aptarnavimo tarnyba.
Jšautos sąsagėlės yra sulinkusios.	Pažeistas daužiklis.	– Naudokite naują sąsagėlių juostelę esantys klėjai prarado sukibimo jėgą. – Susisiekite su įgaliota Bosch klientų aptarnavimo tarnyba. Patikėkite specialistams pakeisti konstrukcinę dalį.
	Elektrinis įrankis naudojamas neleidžiamoms medžiagoms (pvz., betonui, akmeniui).	– Elektrinį įrankį naudokite tik leidžiamoms medžiagoms. (žr. „Naudojimas pagal paskirtį“, Puslapis 8)

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Šalinimas

Elektriniai įrankiai, akumulatoriai, papildoma įranga ir pakuoės turi būti ekologiškai utilizuojami.



Elektrinių įrankių, akumuliatorių bei baterijų nemeskite į buitinių atliekų kontenerius!

Tik ES šalims:

Nebetinkami naudoti elektriniai ir elektroniniai prietaisai arba akumulatoriai / baterijos turi būti surenkami atskirai ir šalinami aplinkai nekenksmingu būdu. Naudokitės nustatytomis surinkimo sistemomis. Dėl sudėtyje esančių pavojingų medžiagų netinkamas šalinimas gali būti kenksmingas aplinkai ir sveikatai.

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