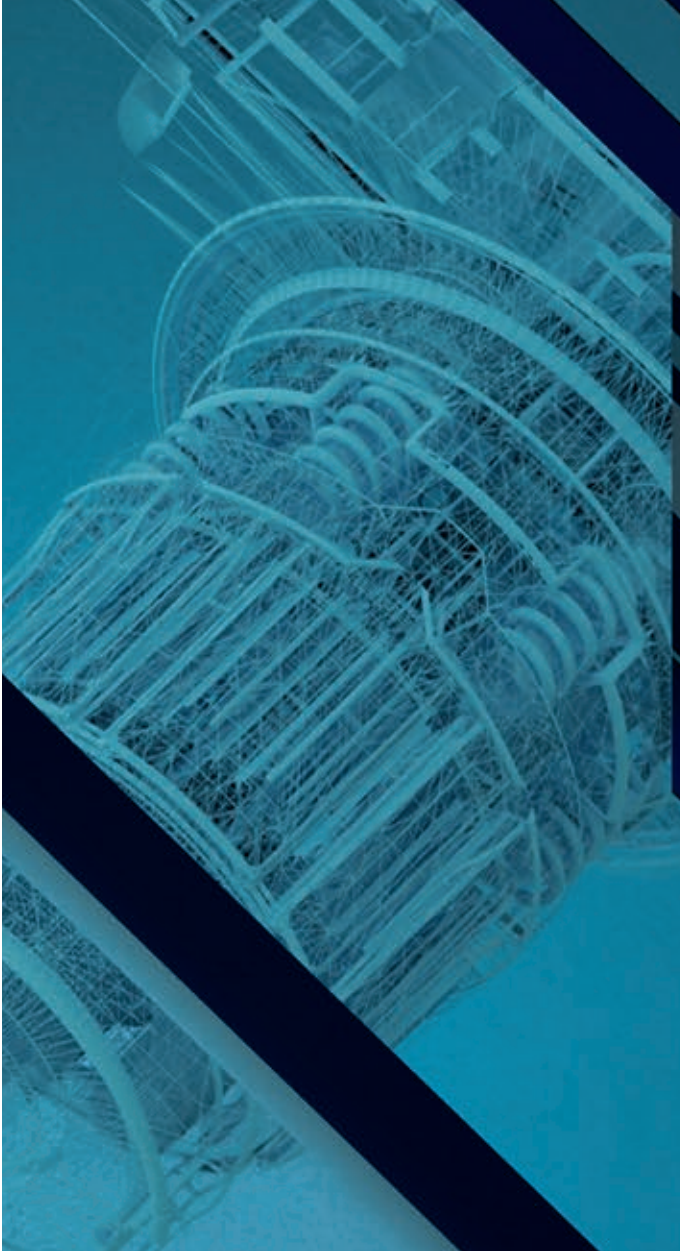

stublina

Okovi za aluminijumsku stolariju
Fittings for aluminium locksmith
Фурнитура для алюминиевого профиля

Stublina® Open Close Technology

Dve decenije kvaliteta.....004
Two decades of quality
Два десятилетия качество

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Universal door closer
Универсальный доводчик

Privatno preduzeće „Stublina" d.o.o. je osnovano 1993. godine. Od osnivanja do danas, uz promovisanje stalnog usavršavanja na radnom mestu, došlo je do značajnog unapređenja poslovanja i rasta broja uposlenih, što se odrazilo na stalno poboljšanje organskog sastava kapitala.

Višegodišnje iskustvo u proizvodnji, originalna tehnička rešenja, prepoznatljiv moderan dizajn i primena savremenih proizvodnih metoda ostvarenih uz sopstvene ljudske i materijalne resurse, omogućili su kvalitetnu bazu za raznovrstan asortiman proizvoda.

U redovni proizvodni program je uvršten veliki broj artikala iz oblasti okova za aluminijumsku stolariju, pa tako trenutni prizvodni program koji se proširuje iz godine u godinu čine velike serije pogonskih ručica za prozore, kvake za vrata, spojnice za prozore, spojnice za vrata, brave, zasuni, okretni okovi, okretno-nagibni okovi, kao i cilindri za brave i katanci.

Projektovanje i proizvodnja uz poštovanje zadatih tehničkih specifikacaja pomogli su da se kvalitet proizvoda podigne na nivo koji zadovoljava zahteve međunarodnih standarda, a koji je verifikovan od strane merodavnih akreditovanih institucija.

Poštovanje ugovorenih rokova isporuke, ostvarivanje direktnih kontakata sa kupcima i razvoj partnerskih odnosa sa dobavljačima, primena savremenih metoda u proizvodnji, deo su svakodnevnog poslovanja u „Stublini".

To je i pomoglo u naporima za postizanje liderske pozicije na domaćem, prihvatanje na inostranom tržištu, kao i prepoznatljivost po više od 200 poizvodnih artikala.

VIZIJA
Vizija kompanije "Stublina" je prepoznatljivost po ostvarenom kvalitetu proizvoda koji će dovesti do liderskog mesta među proizvođačima u regionu iz oblasti proizvodnje okova za aluminijumsku stolariju.

MISIJA
Gradimo budućnost uz imperativ da naši proizvodi budu prepoznatljiv po dizajnu i ostvarenom kvalitetu koji će zadovoljiti i nadmašiti potrebe kupaca po pitanju dizajna, izdržljivosti i tehničkim specifikacijama, a u skladu sa važećim zakonskim regulativama i propisima. Kao odgovoran član društva štitimo radno i životno okruženje primenjujući propisane preventivne metode na polju bezbednosti zaposlenih, okoline i proizvoda.

"Stublina" is a private company founded in the 1993 year. Since the company establishment until nowadays, with the promotion of a permanent improvement on a working place, there was a significant progress in a business, and a growth of the new employed workers, which was reflected on a continuous improvement of the organic capital composition.

Years of experience in manufacturing, the original technical solutions, distinctive modern design and implementation of updated production methods realized by own human and material resources, have enabled high-quality basis for the diverse products range. The regular production program includes a large number of items in the field of fittings for aluminium locksmith, so that current production program, expanded during years, is made up of a large series of window operating handles, door latches, window and door hinges, locks, latches, turn hardware, tilt and turn hardware, as well as cylinders and padlocks. Designing and manufacturing by respecting of demanded technical specifications helped in process of raising product quality on a level that corresponds to the international standards requests, and that is verified by competent accredited institutions.

Respecting of contracted delivery deadlines, the realization of direct contacts with customers, develop of partnership with suppliers, the application of modern production methods, are part of everyday business in "Stublina".

It also helped in efforts for achieving a leading position in domestic market, to be accepted on foreign market, as well as to be recognizable by more than 200 product items.

VISION
Vision of company "Stublina" is to be recognizable by achieved product quality that will bring to the leader position among the manufacturers in the region from the domain of fittings for aluminium locksmith production.

MISION
We build the future with an imperative to make our products recognizable by the design and realized quality that will meet and overgrow customer needs in items of design, endurance and technical specifications, and to be harmonized with valid legal regulations and legislation. As a responsible member of a society, we protect the working and living environment by applying the imposed preventive methods in the field of safety of employees as well as of the environment and the products.

Частное предприятие "Стублина" основано в 1993 году. Со дня основания по сей день, по принципам постоянного совершенствования, мы значительно продвинули нашу деятельность и увеличили число рабочих, что привело к по- стоянному возрастанию органического состава капитала. Наш многолетний опыт, оригиналь- ность технических решений, узнаваемый дизайн и применение современных производственных процессов за счет собственных людских и материальных ресурсов, обеспечи- вают качественную базу для разнообразного ассортимента изделий. Нас характеризует крупносерийное производство фурнитуры для алюминиевого и ПВХ профиля: ручки оконные/дверные, петли оконные/дверные, замки, шпингалеты, гарнитуры для поворотных, поворотно-наклонных и фрамужных створок, цилиндры для замков, навесные замки. Проектирование и производство, по строго заданными техническими параметрами, довели качество нашей продукции на уровень который соответствует требованиям международных стандартов. На многие изделия получены европейские сертификаты качества. Выполнение договорных сроков поставки, прямые контакты с клиентами и партнерские отношения с поставщиками, применение современных производственных процессов - часть ежедневной работы на заводе "Стублина".
Это помогло достичь лидерскую позицию на рынке в Сербии, успеху на зарубежных рынках и узнаваемости более 200 артикулов.

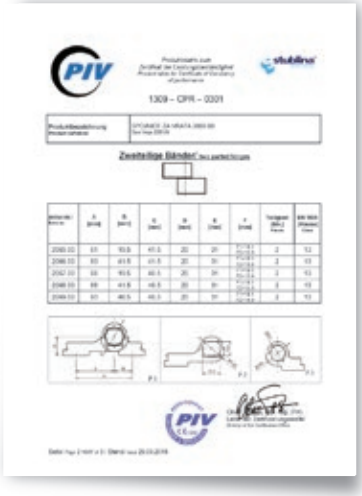
ВИЗИЯ
Визия компании "Стублина" - узнаваемость качества наших изделий, которая приведет к лидерской позиции в регионе среди производителей фурнитуры для алюминиевого профиля.

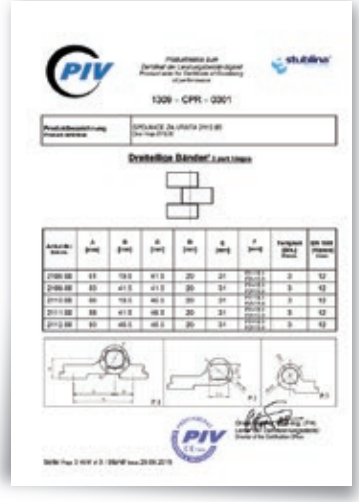
МИССИЯ
Мы строим будущее, с требованием к самим себя чтобы у наших изделий были запоминающийся дизайн и качество, которое сможет не только удовлетворить но и превысить ожидания клиента по дизайну, надежности и техническими параметрами, согласно действующим законодательным актам. Будучи ответственным членом общества, мы защищаем трудовую и жизненную окру- жающую среду. Мы следим за нормативами по безопасности рабочих, среды и изделий.

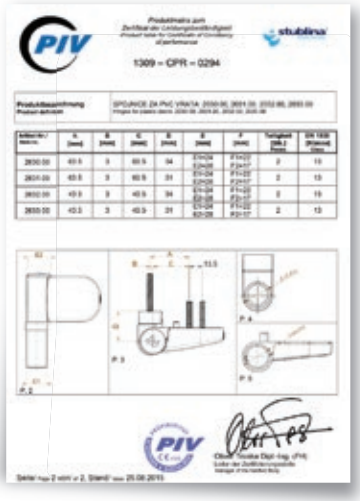
KVALITET
Brojnim postupcima kontrolnih ispitivanja, u „Stublini“ se čini sve da se zadrži postojeća pozicija u rangiranju proizvoda prema već određenim klasifikacijama na osnovu dobijenih sertifikata za proizvode prema DIN EN i RAL-RG standardima, i osvoje novi kao potvrda o kvalitetu.

QUALITY
By numerous procedures of control tests, in "Stublina" everything is done in order to keep the current position in the products range according to the specific classifications based on the obtained product certificates according to DIN EN and RAL-RG standards, and to win some new as a quality confirmation.

КАЧЕСТВО
Регулярные контрольные испытания изделий, позволяют заводу "Стублина" задержать уровень классификации товара по уже полученным сертификатам DIN EN и RAL-RG, а также получит новые сертификаты, как подтверждение о качеству изделий.







VERLEIHUNGS-URKUNDE

Stublina-d.o.o.
SRB-34307 Stojnik, Arandelovac

PRÜFZEUGNIS

PRÜFZEUGNIS

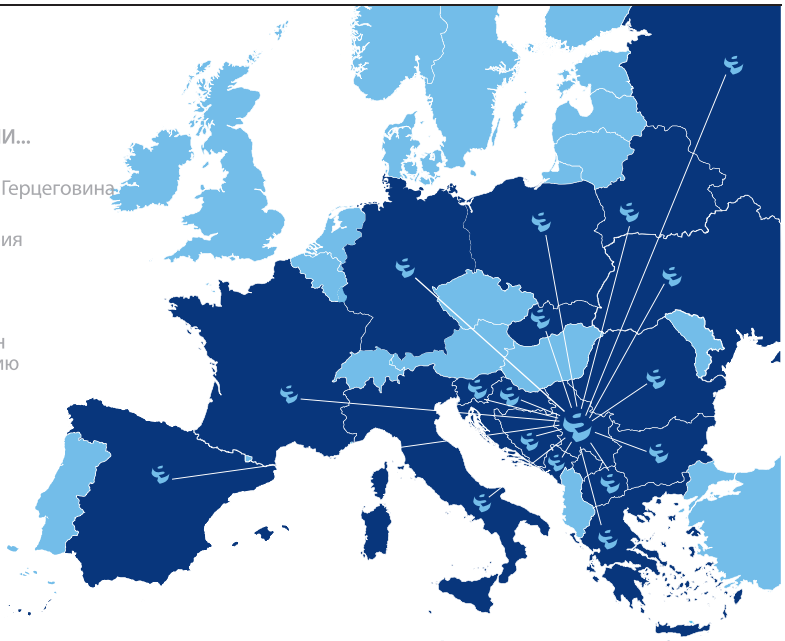
PIV-Konformitätsbescheinigung

PIV-Konformitätsbescheinigung

СЕРТИФИКАТ СООТВЕТСТВИЯ

СЕРТИФИКАТ СООТВЕТСТВИЯ

IZ SRBIJE U...	FROM SERBIA TO...	ОТ СЕРБИИ...
Belorusija	Belarus	Беларусь
Bosna i Hercegovina	Bosnia and Herzegovina	Боснию и Герцеговина
Bugarska	Bulgaria	Болгария
Crna Gora	Montenegro	Черногория
Francuska	France	Франция
Grčka	Greece	Греция
Hrvatska	Croatia	Хорватия
Kazahstan	Kazakhstan	Казахстан
Makedonija	Macedonia	Македонию
Poljska	Poland	Польша
Rumunija	Romania	Румыния
Rusija	Russia	Россия
Slovačka	Slovakia	Словакия
Ukrajina	Ukraine	Украина
Španija	Spain	Испания
Italija	Italy	Италия
Slovenija	Slovenia	Словения
Nemačka	Germany	Германия



Alatnica
Toolroom
Инструментальный цех (пресс-формы)

Izrada cilindara
Cylinder Workshop
Производство цилиндров

Livnica
Foundry
Литейный цех

Prečišćavanje vode
Water Purification
Перечистка воды

Brušenje i poliranje
Grindling and Polishing
Процесс шлифования и полировки

Prerada otpadnih voda
Wastewater-Treatment Process
Переработка отходной воды

Prosecanje i probijanje
Punching and piercing
Процесс резки и пробивания материала

Pakovanje
Packing Department
Процесс упаковки изделий

Cinkovanje
Galvanisation Department
Процесс оцинковки

Površinska zaštita
Surface protection
Покрытия

„Stublina" proizvodi su pakovani u kutije pojedinačno ili grupno, dok pakovanja koja sadrže okov za okretno-nagibno otvaranje imaju pripadajuće spojnice sa priborom i vijcima.
Na kutiji je naznačen broj artikla koga nazivamo kataloški broj.

Products of "Stublina" are packed one by one article or in groups, while packages containing the hardware for turn opening and tilt and turn opening have included hinges with kit and screws.
The article number in term of a catalogue number is specified on a box.

Изделия "Стублина" упакованы в коробках по одному или больше артикулов. Гарнитура для поворотно-наклонных створок поставляется с петлями и крепежом.
На упаковке указан номер артикула - номер по каталогу.

0000.00.000

A B C D

A GRUPA PROIZVODA
1. Pogonske ručice i kvake
2. Spojnice za prozor i vrata
3. Brave i zasuni
4. Garniture okova
5. Ulošci za brave
6. Univerzalni zatvarači vrata

B OSNOVNI BROJ PROIZVODA

C POZICIJA PROIZVODA

D POZICIJA PROIZVODA
300. Bez površinske zaštite
201. Cinkovano u plavo
203. Cinkovano u crno
305. Eloksirano u prirodnu boju aluminijuma
310. Plastificirano u belo (RAL 9016)
312. Plastificirano u braon (C-34)
313. Plastificirano u crno (RAL 9005)
315. Plastifcirano u prirodnu boju aluminijuma (RAL 9006)
220. Niklovano sjaj
132. INOX sjaj
133. INOX mat
340. Tečno farbano u belo
341. Tečno farbano u sivo
342. Tečno farbano u braon (RAL 8017)
343. Tečno farbano u crno
350. Plastificirano u braon (RAL 8017)

A PRODUCT GROUP
1. Operable handles and latches
2. Door and window hinges
3. Locks and latches
4. Hardware sets
5. Lock inserts
6. Universal door closers

B BASIC PRODUCT NUMBER

B PRODUCT POSITION

D SURFACE CLASSIFIER
300. Without surface protection
201. Blue zinc-plated
203. Black zinc-plated
305. Natural color of aluminium eloxy-plated
310. White powder coated/plastified (RAL 9016)
312. Brown powder coated/plastified (C-34)
313. Black powder coated/plastified (RAL 9005)
315. Natural color of AL powder coated/plastified (RAL 9006)
220. Bright nickel-plated
132. INOX-bright
133. INOX-lusterless
340. Liquid painting white
341. Liquid painting grey
342. Liquid painting brown (RAL 8017)
343. Liquid painting black
350. Brown powder coated/plastified (RAL 8017)

A ТОВАРНАЯ ГРУППА
1. Ручки и нажимные гарнитуры
2. Петли
3. Замки и шпингалеты
4. Оконные гарнитуры
5. Цилиндры для замков
6 Универсальные доводчики

B НОМЕР ИЗДЕЛИЯ

C НОМЕР ДЕТАЛИ

D ПОКРЫТИЕ
300. Без покрытия
201. Оцинкованное – синий
203. Оцинкованное – черный
305. Элоксированное – цвет алюминия
310. Пластифицированное – белый (RAL 9016)
312. Пластифицированное – коричневый (C-34)
313. Пластифицированное – черный (RAL 9005)
315. Пластифицированное – -цвет алюминия (RAL 9006)
220. Никелированное – полированое
132. Нержавеющая сталь – полированое
133. Нержавеющая сталь – матовое
340. Жидкое, покрашенное в белое
341. Жидкое, покрашенное в серое
342. Жидкое, покрашенное в коричневое (RAL 8017)
343. Жидкое, покрашенное в черное
350. Пластифицированное – коричневый (RAL 8017)

Primeri površinske zaštite
Examples for the surface protection
Образцы покрытия

Molimo Vas, da prilikom preuzimanja isporuke, proverite Vaš izbor proizvoda iz kataloga prema kataloškom broju.

During taking over of the delivery, we would ask You to check Your choice from the catalogue according to the catalogue number.

При получении товара, просьба проверить Ваш заказ согласно номеру по каталогу.

Ručice i kvake
Handles
Ручки и нажимные гарнитуры

1001.00.....012
1003.00.....013
1002.00.....015
1004.00.....016
1100.00, 1108.00.....017
1101.00, 1103.00, 1105.00.....018
1102.00, 1104.00, 1106.00.....019
1107.00.....022
1140.00.....023
1041.00D.....024
1041.00L.....025
1141.00D.....026
1141.00L.....027
1109.00.....028
1110.00.....030
1118.00.....031
1036.00.....032
1120.00.....033
1119.00.....034
1043.00.....035
1112.00.....036
1203.00.....037
1212.00.....038
1114.00.....039
1114.10.....040
1115.00, 1116.00.....041
1114.20.....042
1113.00.....043
1032.00.....045
1042.00.....046
1132.00.....047
1128.00, 1128.10, 1128.20.....048
1129.00, 1129.10, 1129.20.....049
1182.00.....050
1183.00.....051
1024.00, 1045.00.....052
1031.02, 1131.04.....053
1023.00.132, 1023.00.133.....054
1023.01.132, 1023.01.133.....054
1132.00.132, 1132.00.133.....055
1031.04.132, 1031.04.133.....056
1131.04.132, 1131.04.133.....056
1052.00, 1050.00 057
1054.00, 1060.00.....057
1123.00.....058
1196.00.....060
1124.00, 1124.10 061
1124.20, 1124.30 062
1124.40D.....063
1021.00.....064
1021.01.....065
1121.00.....066
1121.01.....067
1025.00.....068
1070.00.....069
1030.00.....070
1125.00.....071
1170.00.....072
1130.00.....073
1080.00.....074
1074.00.....075
1174.00.....076
1184.00.....077
1178.00.....078
1180.00.....079
1095.10, 1097.10.....080
1015.80, 1015.85.....080
1015.90.....078
1125.51, 1025.51.....078

Bravica za zatvaranje
Closing lock
Замочек для закрытия

1013.00. 082
1014.00.....083

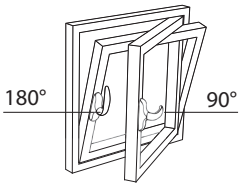
Rukohvati za vrata
Door pull handles
Дверные ручки

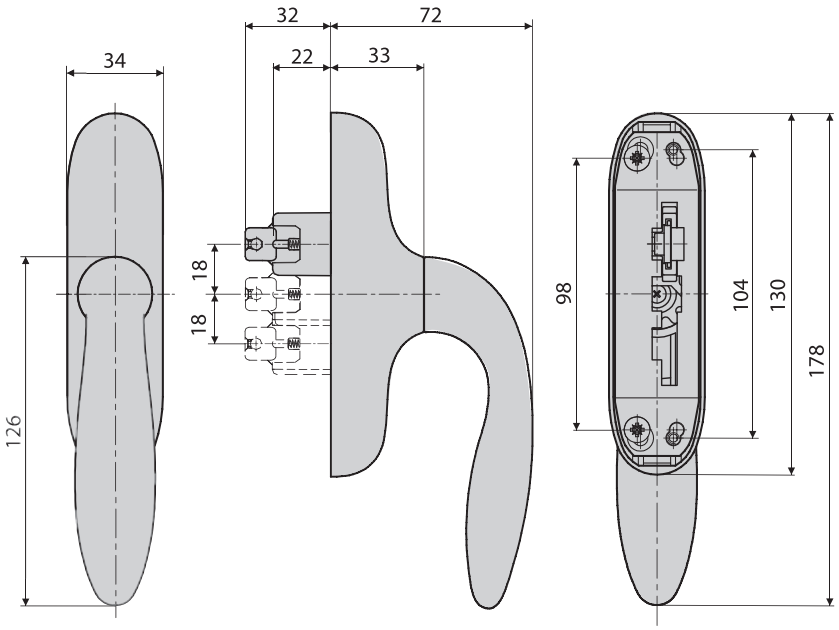
1027.00, 1027.60.....085
1027.90, 1027.80.....086
1096.00.....087
1020.00L/D, 1038.00.....088
1020.51L/D, 1038.50.....089
1017.00, 1018.00.....090
1019.00, 1037.10.....091
1033.10, 1034.10 1035.00.....092
1033.50, 1034.50 1035.50.....093
1117.00, 1117.50.....094
1117.10.10.....095

Pogonske ručice za okretno-nagibno otvaranje

Operating handles for turn and tilt opening system

Управляющая ручка для поворотно-откидного открывания





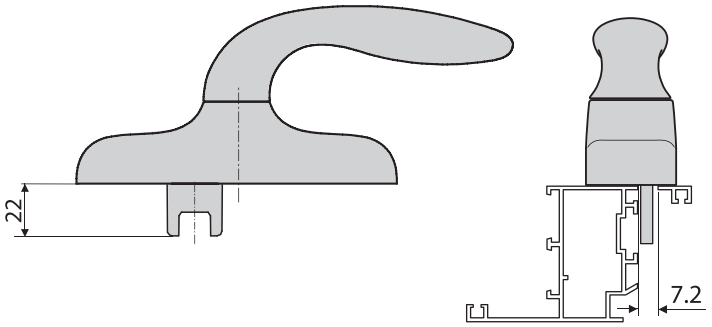
Artikal
1001.00
1008.00

SR / Tehničke informacije:
- Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
- Plastični delovi su od poliamida.
- Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
- Završna obrada, praškasta i tečna prevlaka.

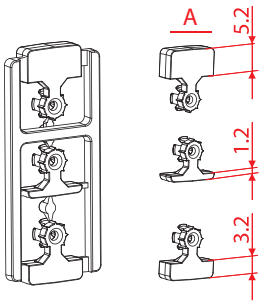
EN / Technical information:
- Made of aluminium alloys and zinc alloy by die-casting.
- Plastic parts are made of polyamide.
- Screws and springs are made out of stainless steel.
- Surface protection powder coating and liquid painting.

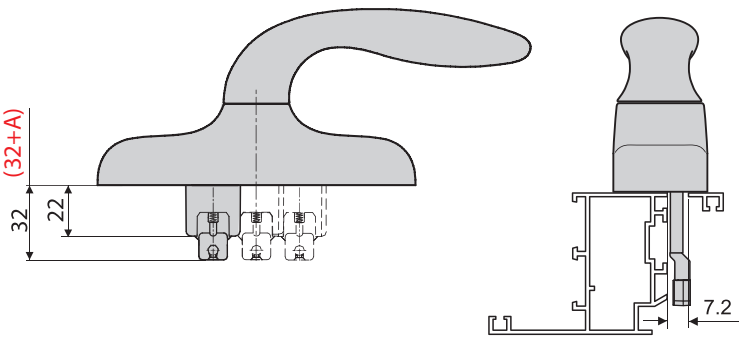
RU / Техническая информация:
- Изготовлена из сплавов алюминия и цинка методом литья под высоким давлением.
- Отдельные детали полиамида.
- Винты и пружины есть от нержавеющей стали.
- Окончательная обработка, порошковая и жидкая краска.

1008.00



1001.00

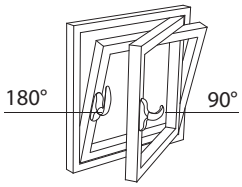


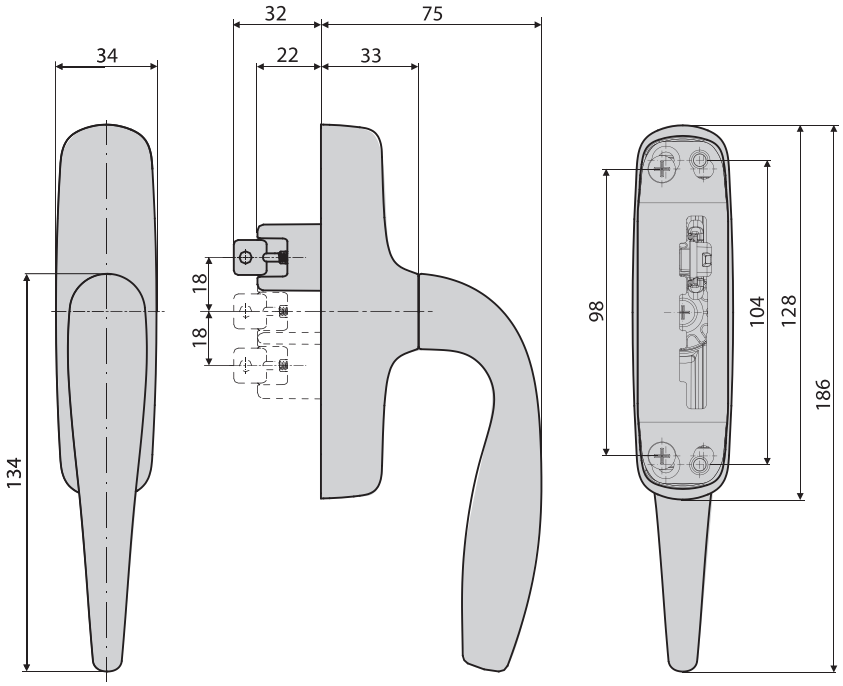


Pogonske ručice za okretno-nagibno otvaranje

Operating handles for turn and tilt opening system

Управляющая ручка для поворотно-откидного открывания





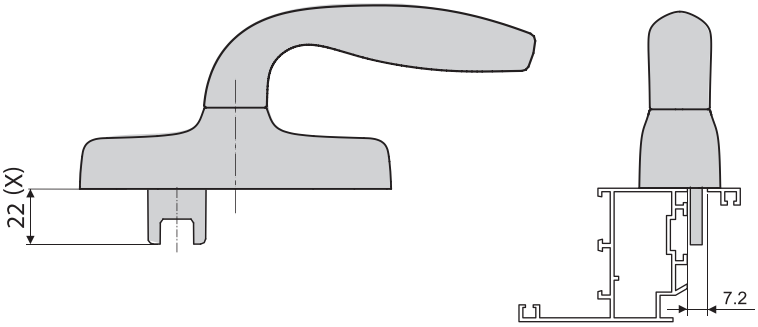
Artikal
1003.00
1003.30

SR / Tehničke informacije:
- Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
- Plastični delovi su od poliamida.
- Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
- Završna obrada, praškasta i tečna prevlaka.

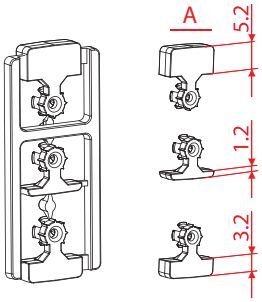
EN / Technical information:
- Made of aluminium alloys and zinc alloy by die-casting.
- Plastic parts are made of polyamide.
- Screws and springs are made out of stainless steel.
- Surface protection powder coating and liquid painting.

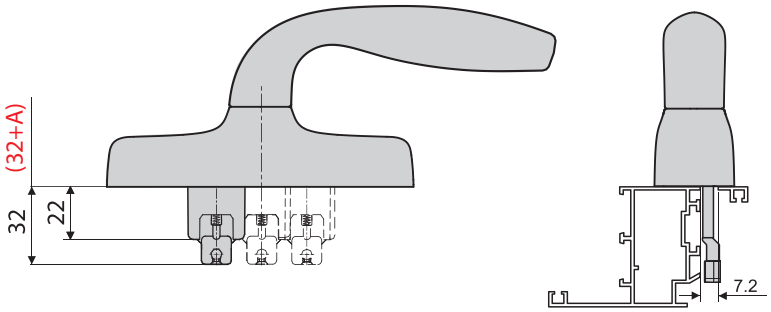
RU / Техническая информация:
- Изготовлена из сплавов алюминия и цинка методом литья под высоким давлением.
- Отдельные детали полиамида.
- Винты и пружины есть от нержавеющей стали.
- Окончательная обработка, порошковая и жидкая краска.

1003.30



1003.00



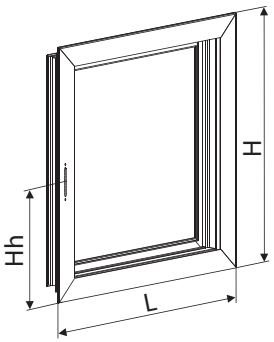


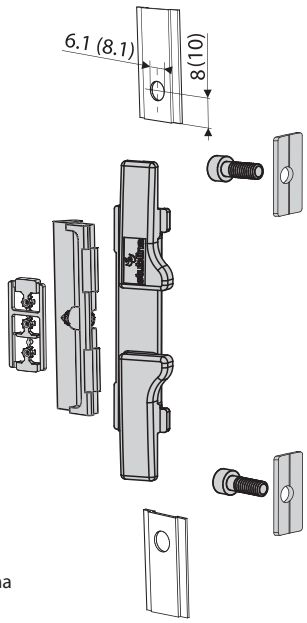
Montaža pogonskih ručica

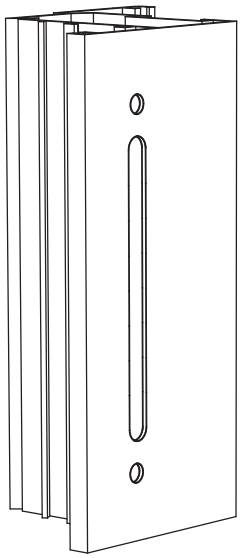
Instalation of operating handles

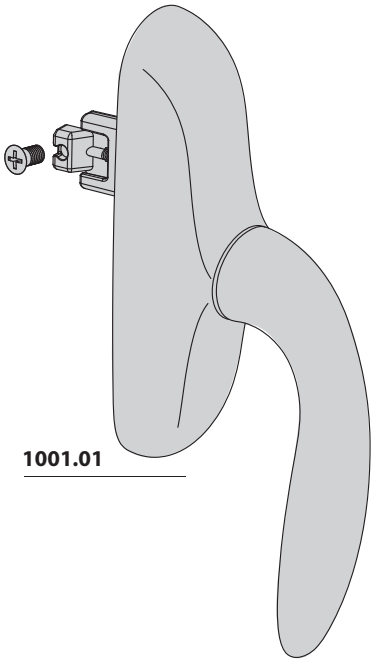
Схема установки ручки

Montažni crtež
Assembly drawing
Монтажный чертеж







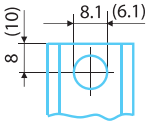


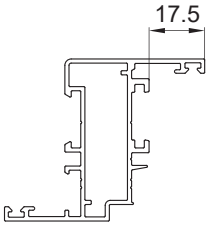
1001.01

Ako se koriste adapteri na krajevima pogonskih letvi izbusiti otvore po dimenzijama prema detalju.

If adapters are used at the ends of the connecting rod, drill holes by dimensions according to detail.

Для монтажа с адаптером, на краях соединительных тяг просверливаются отверстия Ø8.1мм

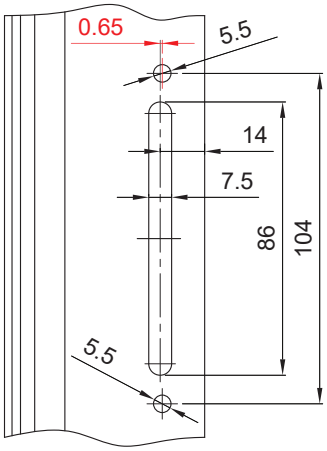


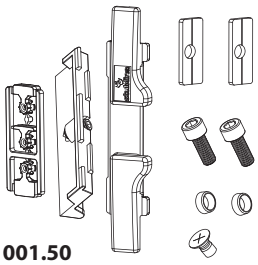


Otvore za ručicu uraditi prema priloženoj šemi. Voditi računa o koti 0.65мм.

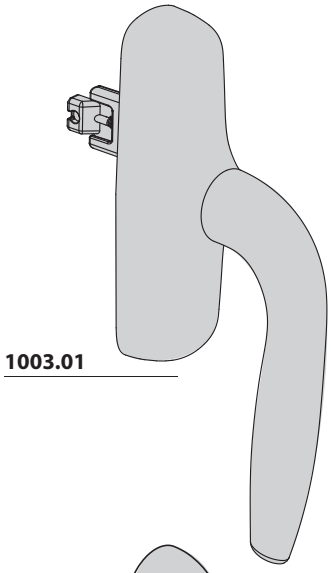
All holes should be cut as on the drawing.

Разметку для крепления ручки сделать по схеме. Обратить внимание на отметку 0.65мм.

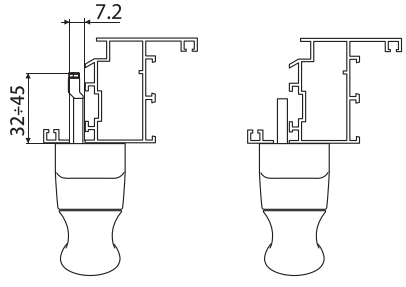




1001.50



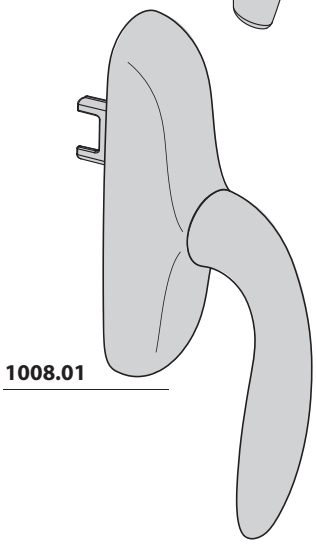
1003.01



1003.01 **1008.01**

4070.20

Ručice bez osigurača se montiraju uz proizvod 4070.20.
Handles without fuses are installed with product 4070.20.

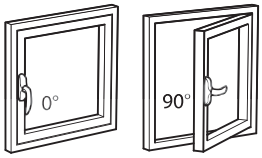


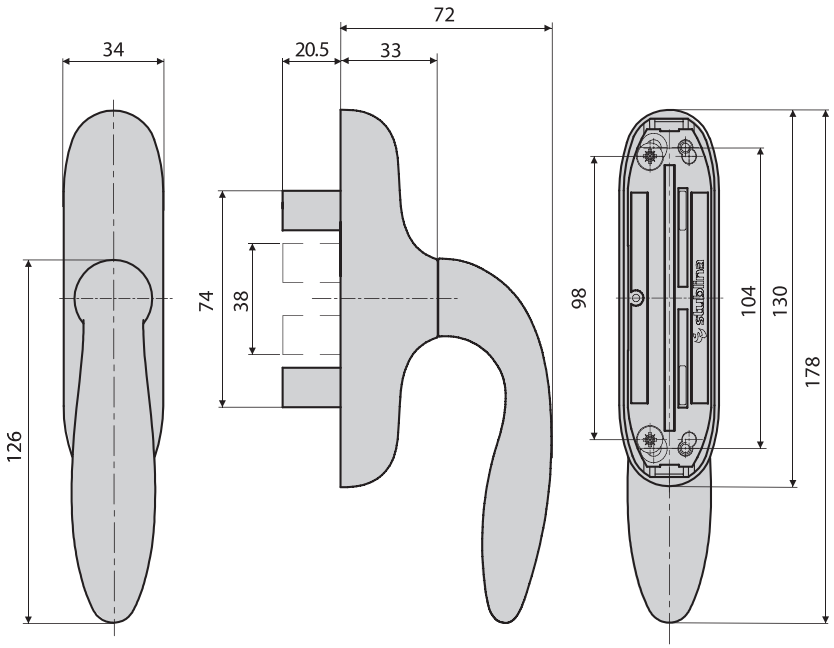
1008.01

Pogonske ručice za okretno otvaranje

Operating handles for turn opening system

Управляющая ручка для поворотного открывания





Artikal
1002.00

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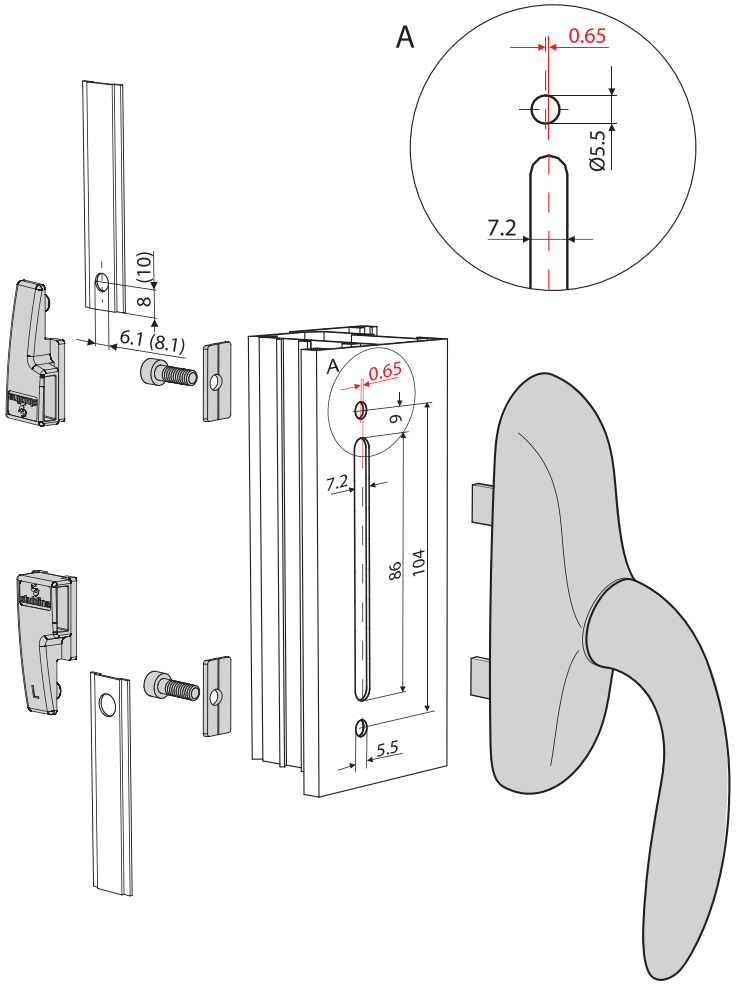
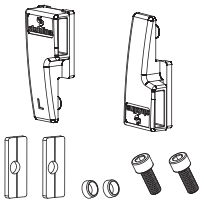
RU / Техническая информация:
- Изготовлены из сплавов алюминия и цинка методом литья под высоким давлением.
- Пластиковые детали изготовлены из полиамида.
- Винты, пружины и металлические позиции механизма из нержавеющей стали.
- Окончательная обработка, порошковое и жидкое покрытие.

Montažni crtež
Assembly drawing
Монтажный чертеж



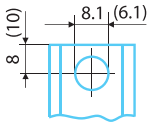


1002.50

Ako se koriste adapteri na krajevima pogonskih letvi izbusiti otvore po dimenzijama prema detalju.

If adapters are used at the ends of the connecting rod, drill holes by dimensions according to detail.

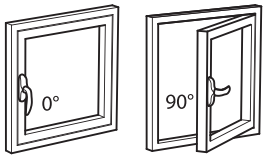
Для монтажа с адаптером, на краях соединительных тяг просверливаются отверстия Ø8.1мм

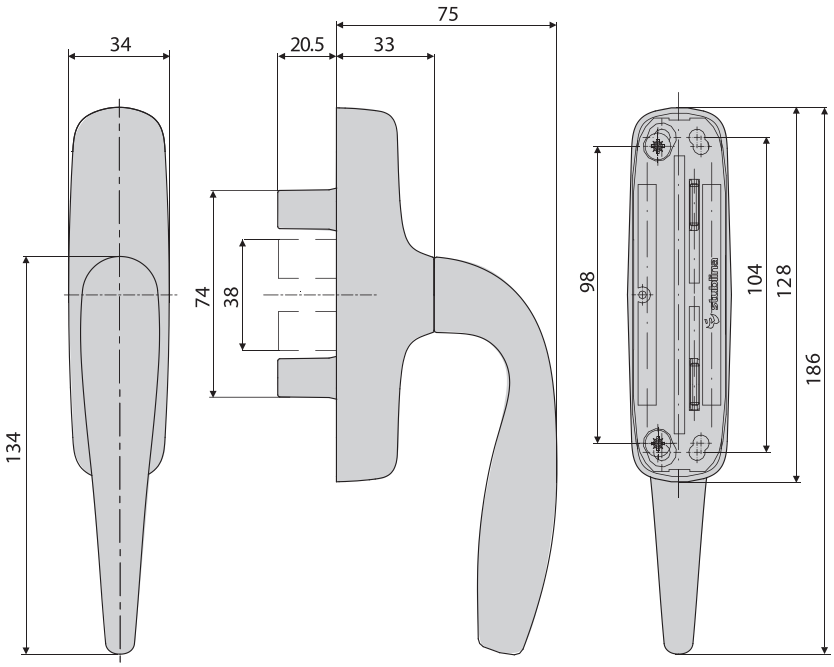


Pogonske ručice za okretno otvaranje

Operating handles for turn opening system

Управляющая ручка для поворотного открывания





Artikal
1004.00

SR / Tehničke informacije:
- Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
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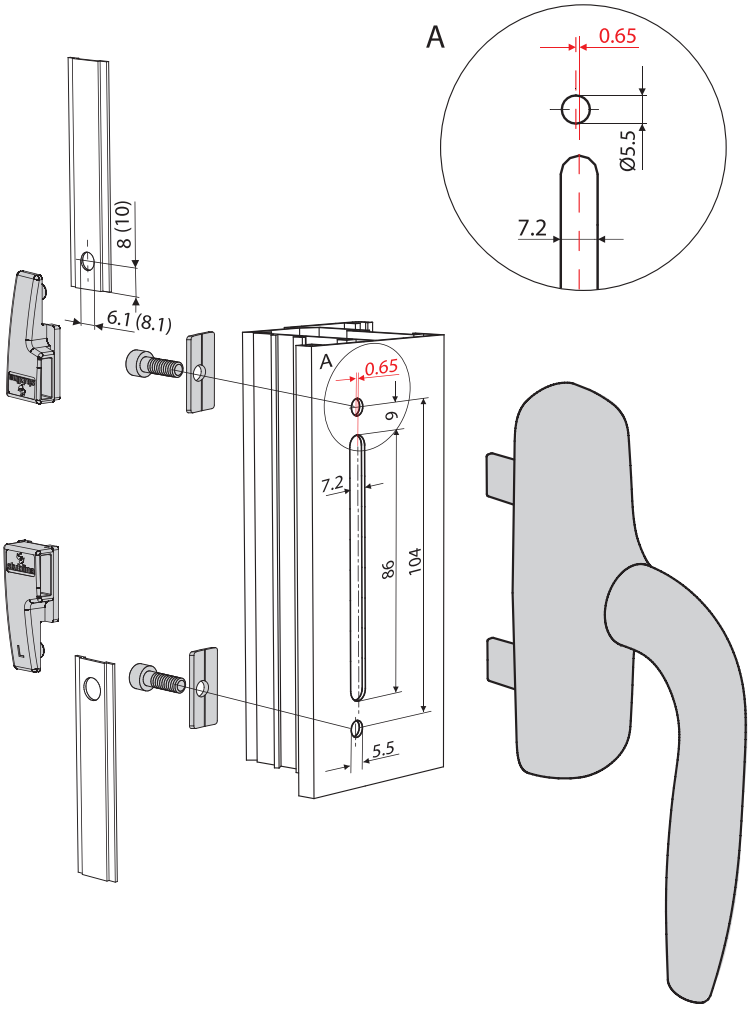
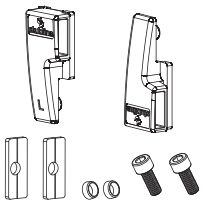
- Пластиковые детали изготовлены из полиамида.
- Винты, пружины и металлические позиции механизма из нержавеющей стали.
- Окончательная обработка, порошковое и жидкое покрытие.

Montažni crtež
Assembly drawing
Монтажный чертеж





1002.50

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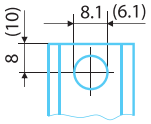
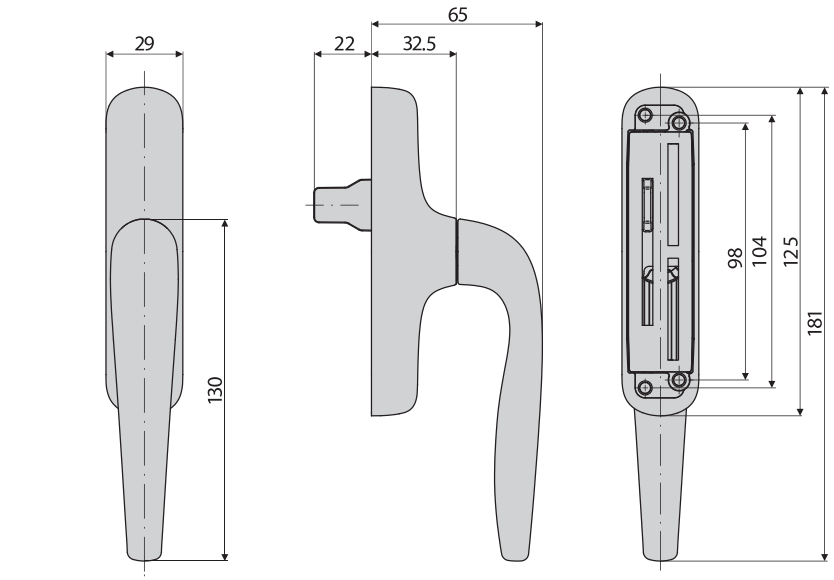
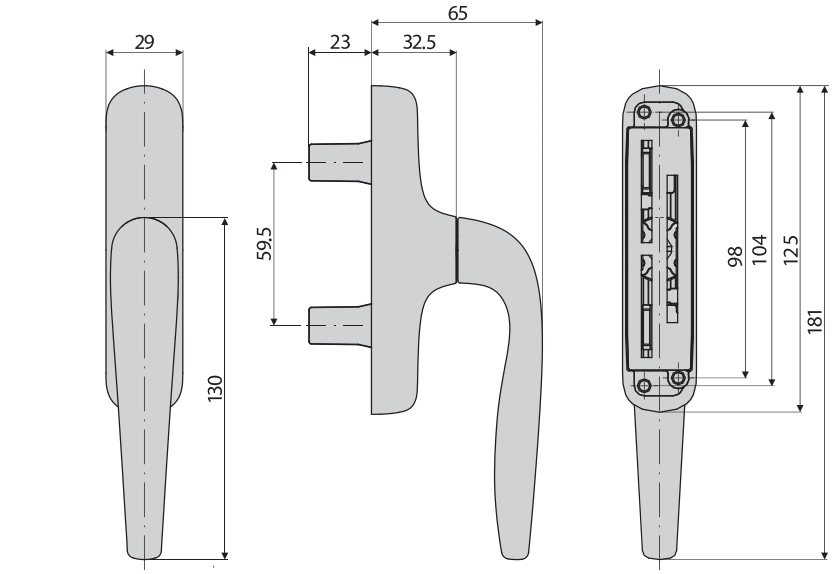


Pogonske ručice za okretno-nagibno i okretno otvaranje

Operating handles for turn and tilt and turn opening system

Управляющая ручка для поворотно-откидного и поворотного открывания





SR / Tehničke informacije:
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- Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
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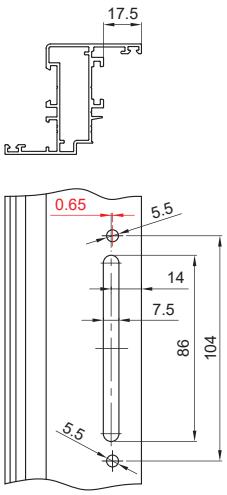
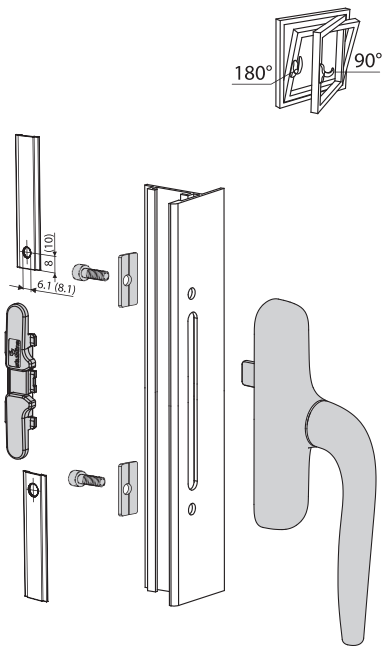
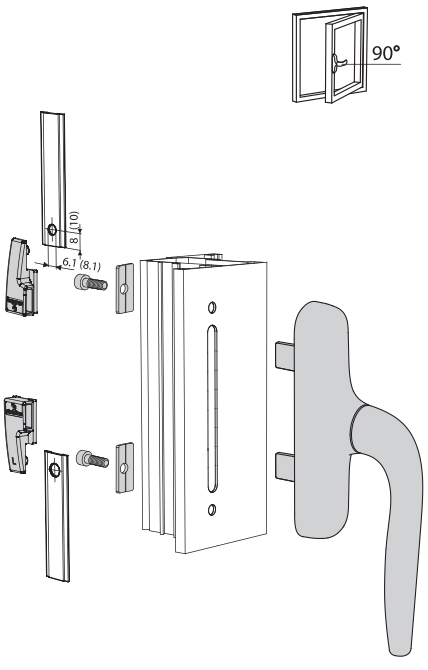


Montažni crtež
Assembly drawing
Монтажный чертеж



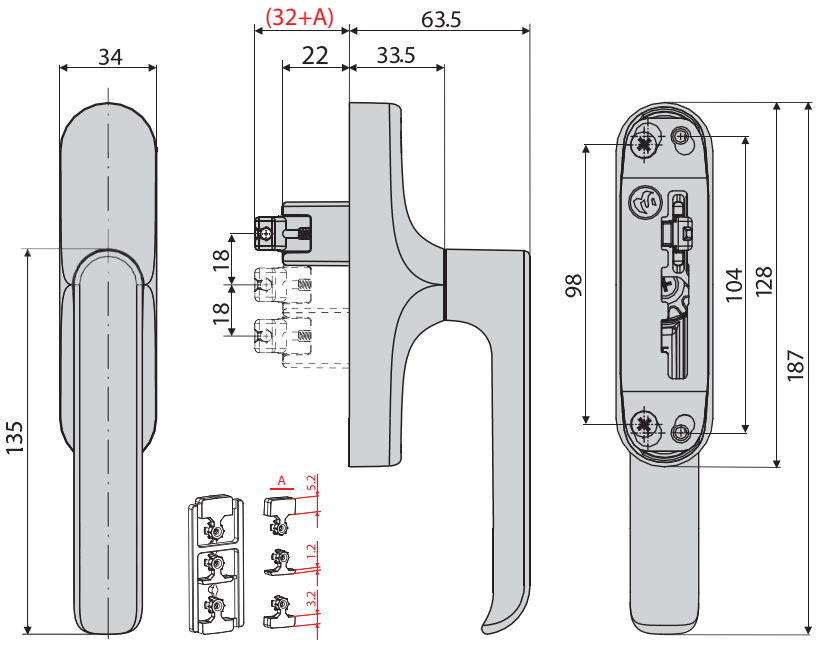
Montažni crtež
Assembly drawing
Монтажный чертеж



Pogonske ručice za okretno-nagibno i okretno otvaranje

Operating handles for turn and tilt and turn opening system

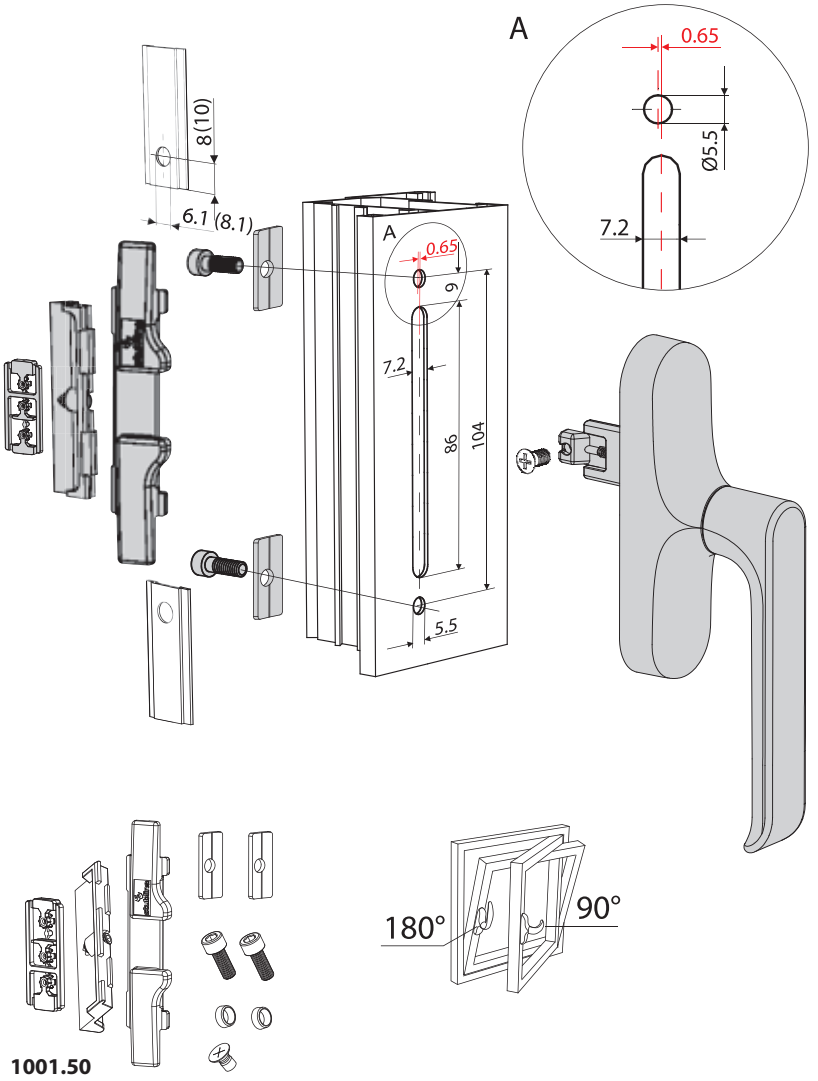
Управляющая ручка для поворотно-откидного и поворотного открывания



Montažni crtež

Assembly drawing

Монтажный чертеж



1001.50

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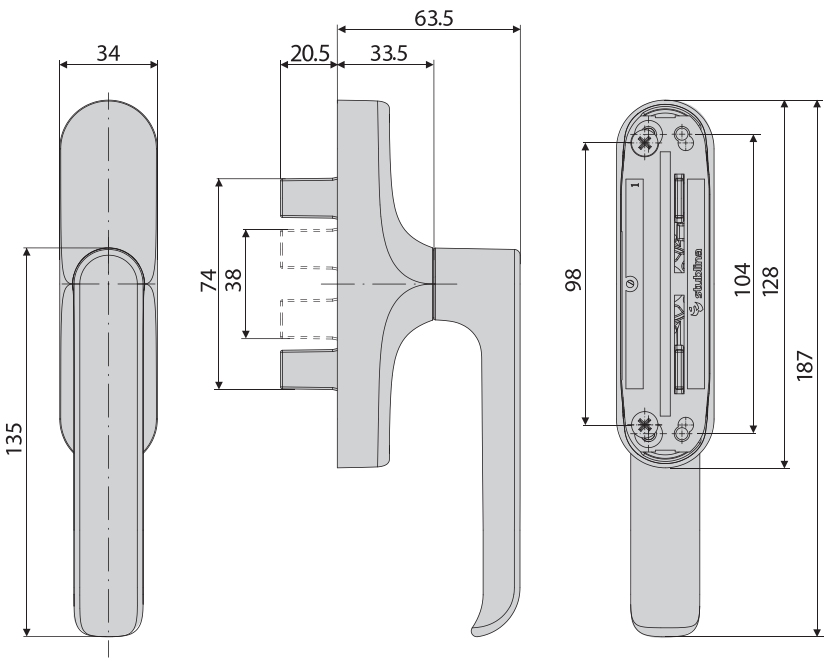
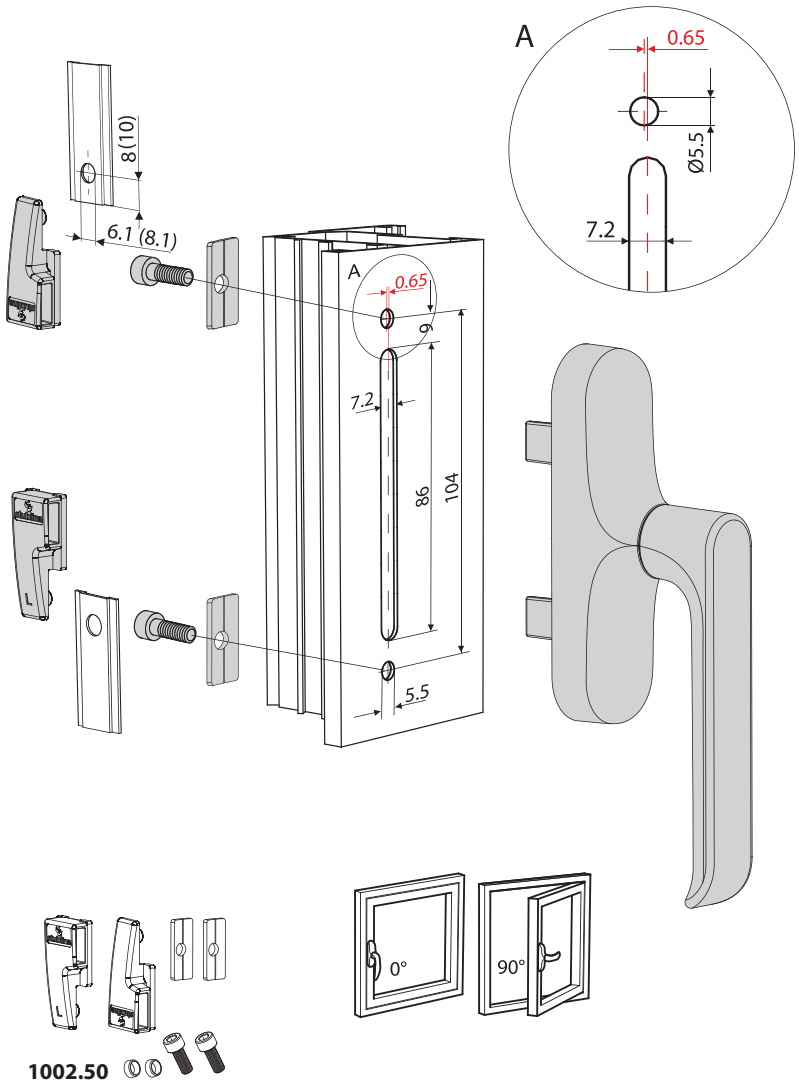
Pogonske ručice za okretno otvaranje

Operating handles for turn opening system

Управляющая ручка для поворотного открывания



Montažni crtež
Assembly drawing
Монтажный чертеж



1002.50

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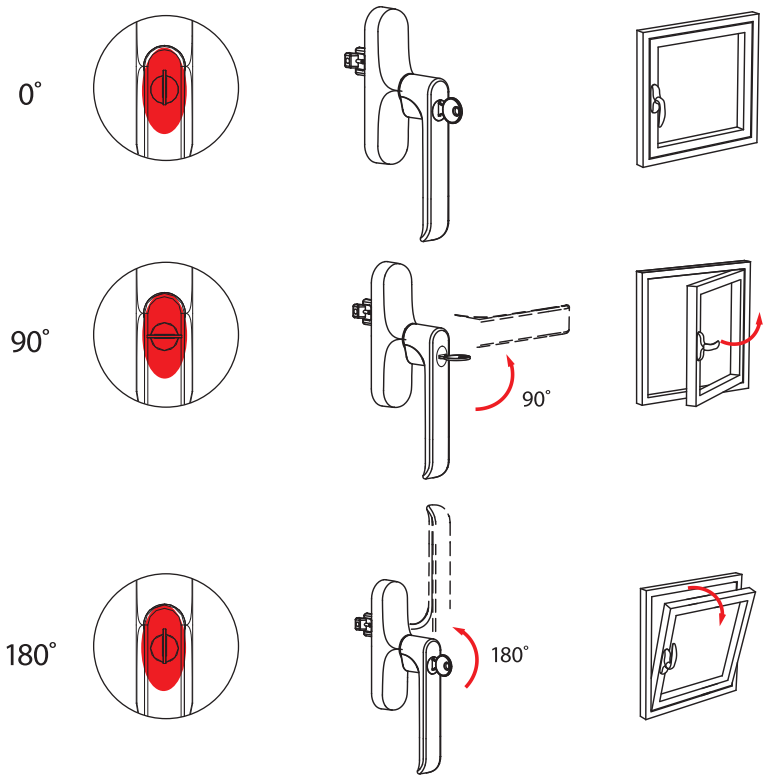
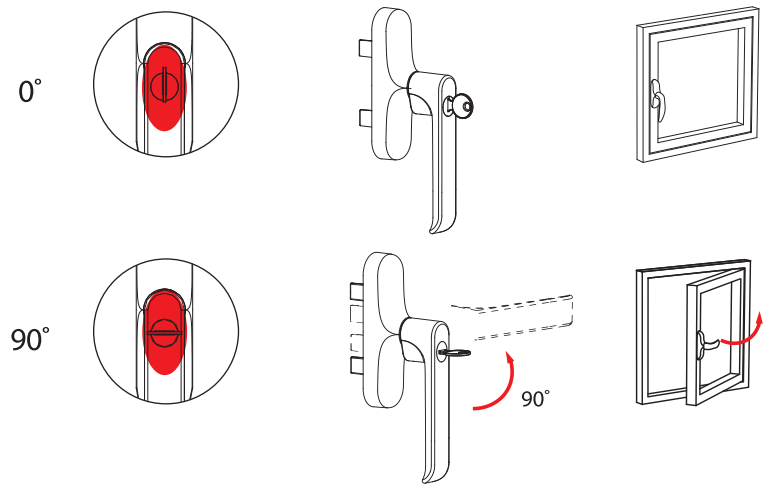
Pogonske ručice za okretno-nagibno i okretno otvaranje/sa ključem/sa demontažnim rukohvatnim delom
Operating handles for turn and tilt and turn opening system/with key/with removable handle
Управляющая ручка для поворотно-откидного и поворотного открывания/с кляючем/со съемной рукоткой

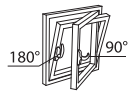
SR / Tehničke informacije:
•Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
•Plastični delovi su od poliamida.
•Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
•Završna obrada, praškasta i tečna prevlaka.

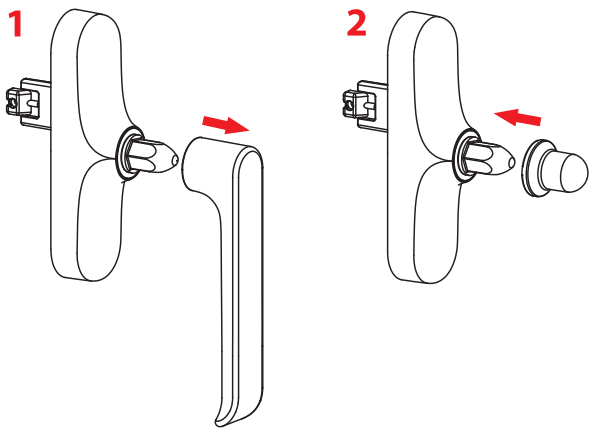
EN / Technical information:
•Made of aluminium alloys and zinc alloy by die-casting.
•Plastic parts are made of polyamide.
•Screws and springs are made out of stainless steel.
•Surface protection powder coating and liquid painting.

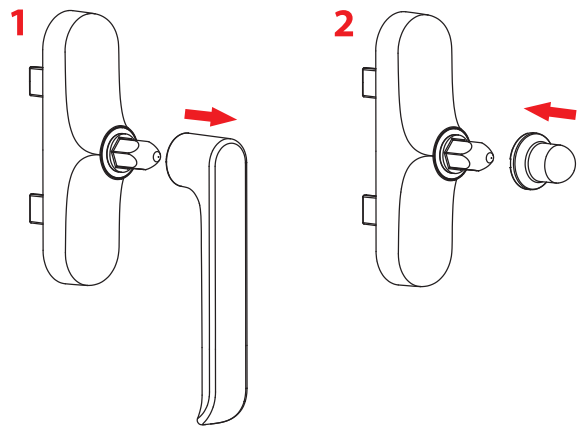
RU / Техническая информация:
•Изготовлена из сплвов алюминия и цинка методом литья под высоким давлением.
•Отдельные детали полиамида.
•Винты и пружины есть от нержавеющей стали.
•Окончательная обработка, порошковая и жидкая краска.

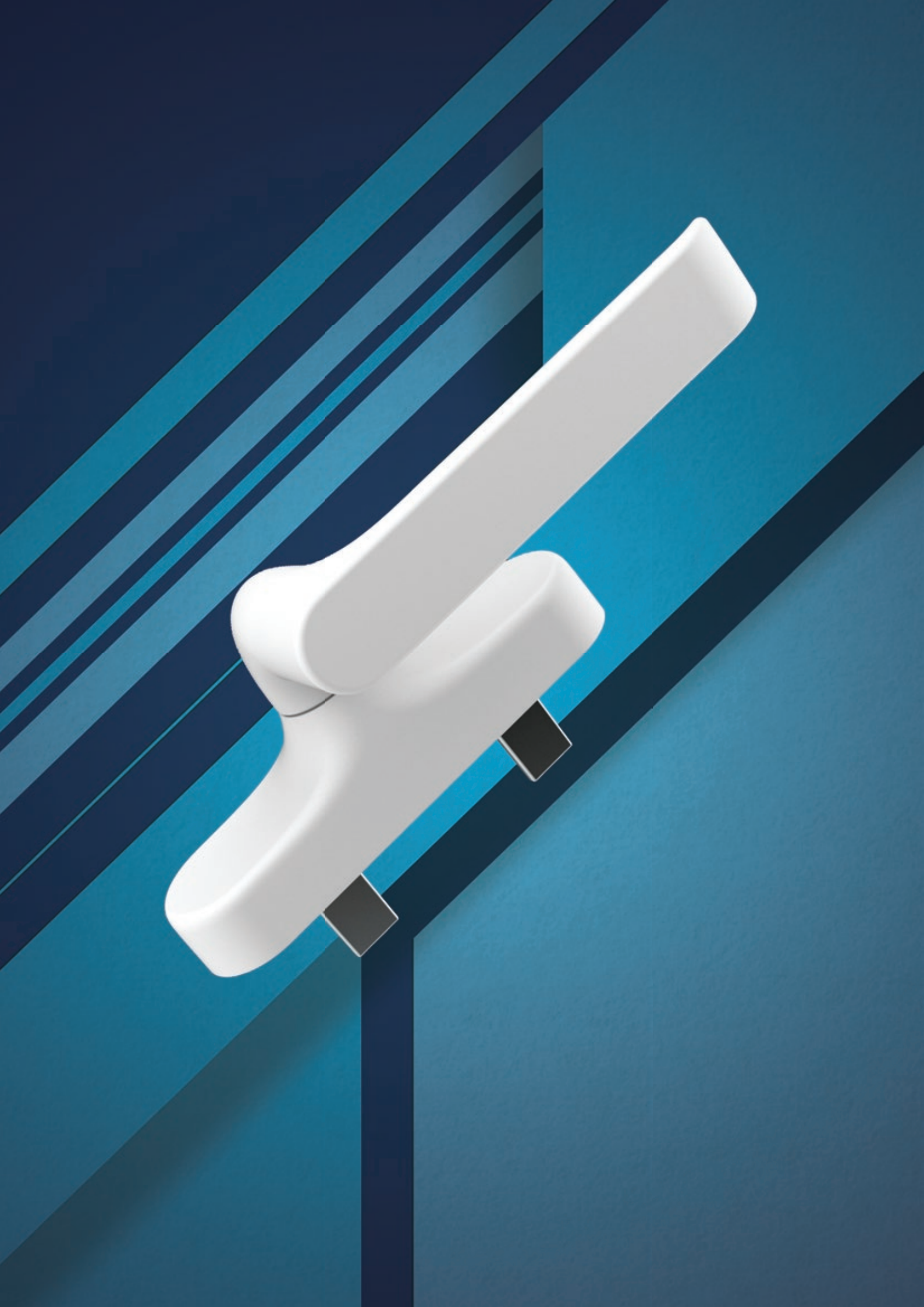








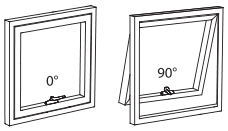


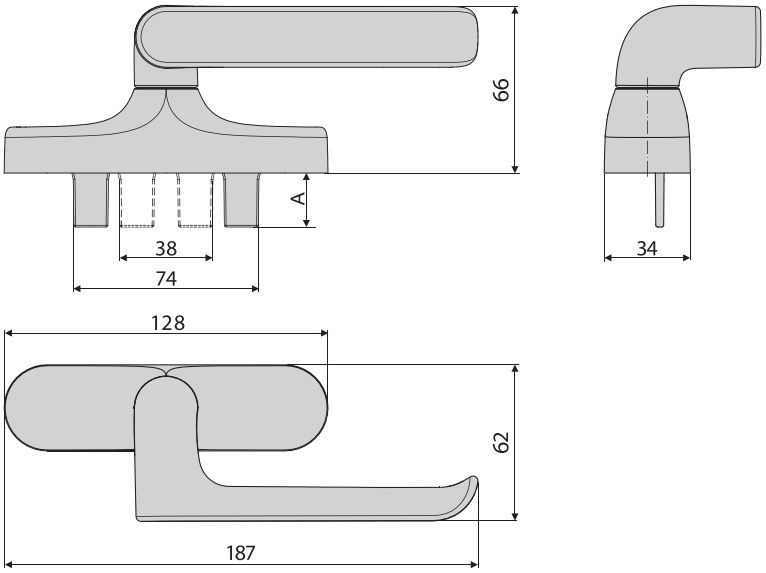


Pogonska ručica za fasadne profile

Opereting handle for facade profiles

Ручки для открывания наружу





Artikal	A(mm)
1107.00 D	20.5
1107.00 L	20.5
1107.10 D	11.5
1107.10 L	11.5

Montažni crtež
Assembly drawing
Монтажный чертеж

SR / Tehničke informacije:
- Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
- Plastični delovi su od poliamida.
- Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
- Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:
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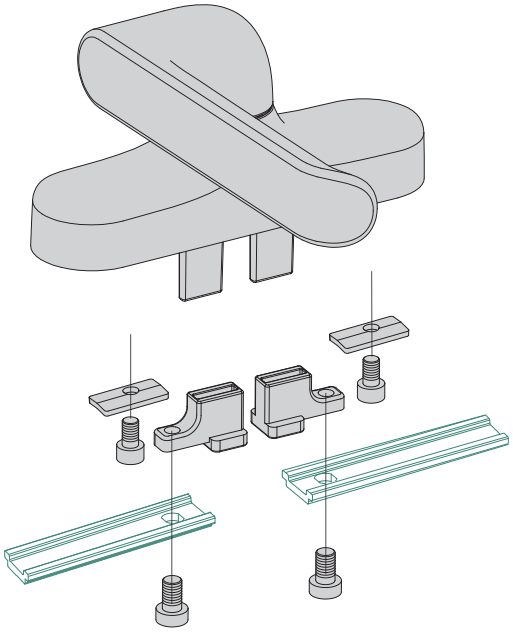
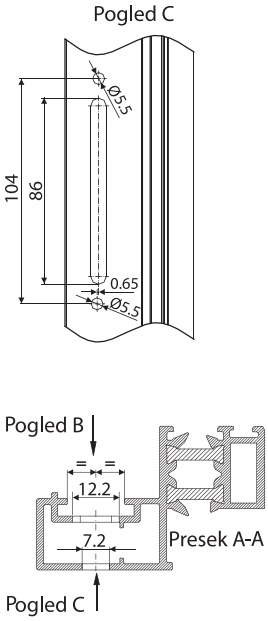
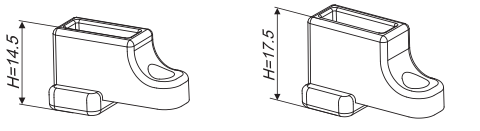
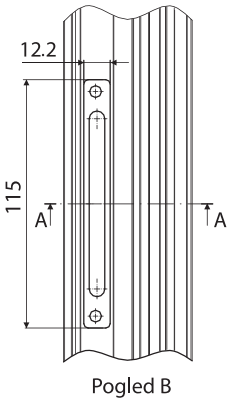




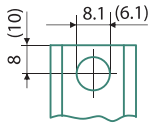


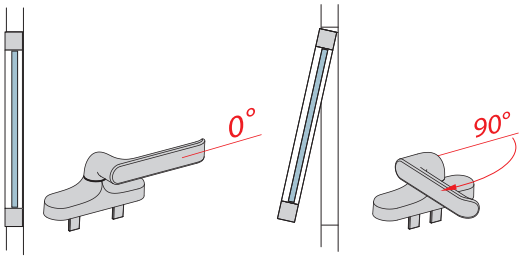


Ako se koriste adapteri na krajevima pogonskih letvi izbusiti otvore po dimenzijama prema detalju.

If adapters are used at the ends of the connecting rod, drill holes by dimensions according to detail.

Для монтажа с адаптером, на краях соединительных тяг просверливаются отверстия Ø8.1мм

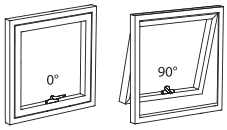




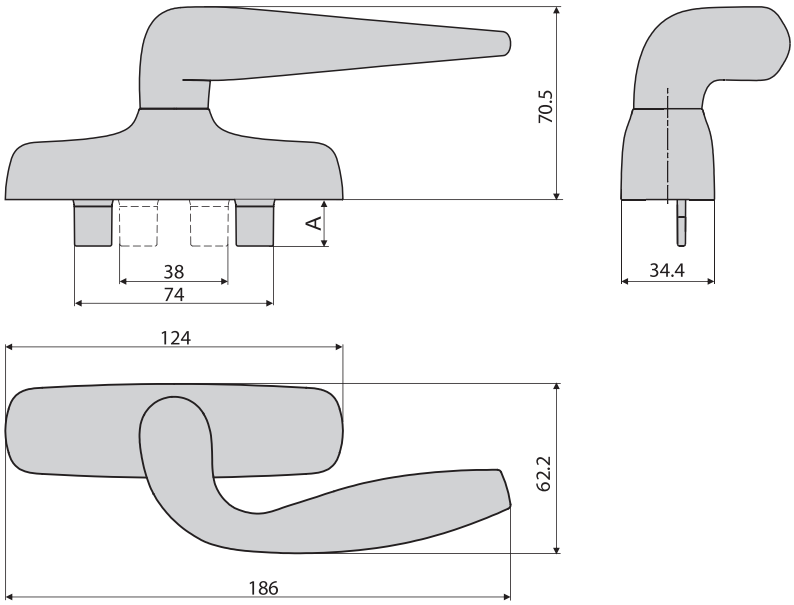
Pogonska ručica za fasadne profile

Opereting handle for facade profiles

Ручки для открывания наружу



Artikal	A(mm)
1140.00	20.5
1140.10	11.5



SR / Tehničke informacije:

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•Plastični delovi su od poliamida.
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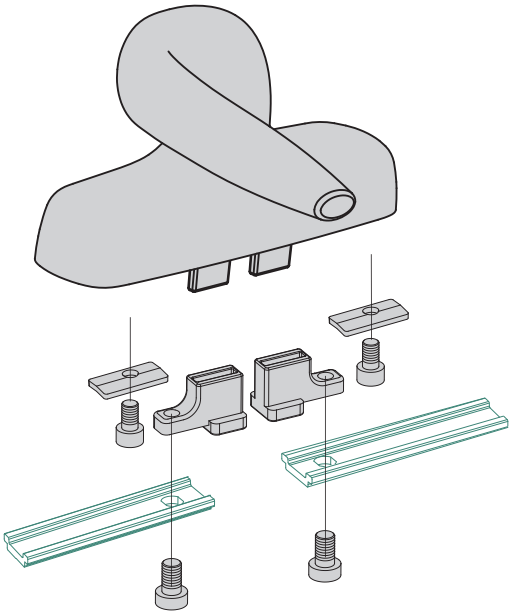
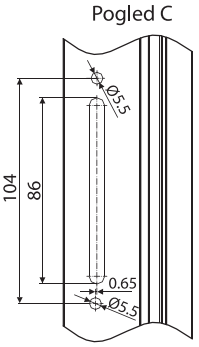
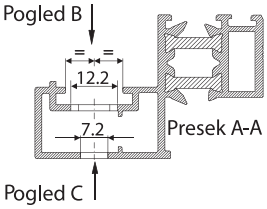
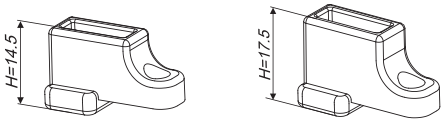
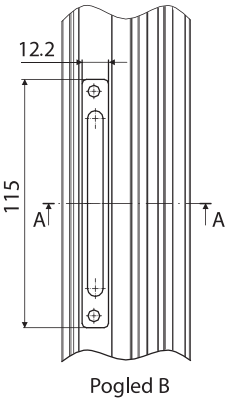
Montažni crtež
Assembly drawing
Монтажный чертеж











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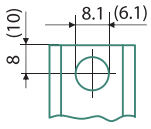
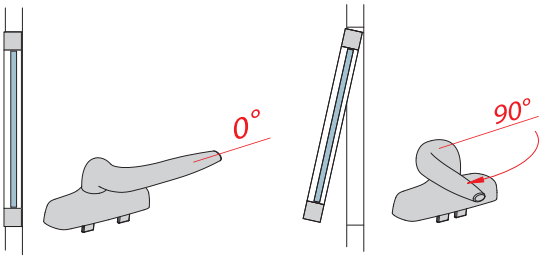
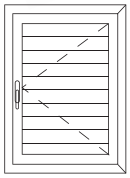


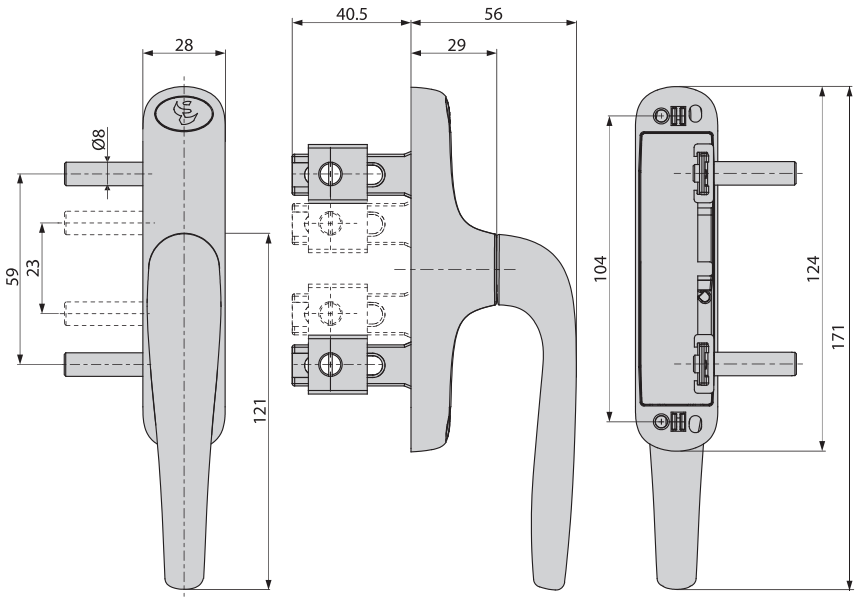


Pogonska ručica za žaluzine

Opereting handle for blinds

Ручки для наружней установки





Artikal	
1041.00 D	3.5x25 DIN 7982, A2

SR / Tehničke informacije:

•Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
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•Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
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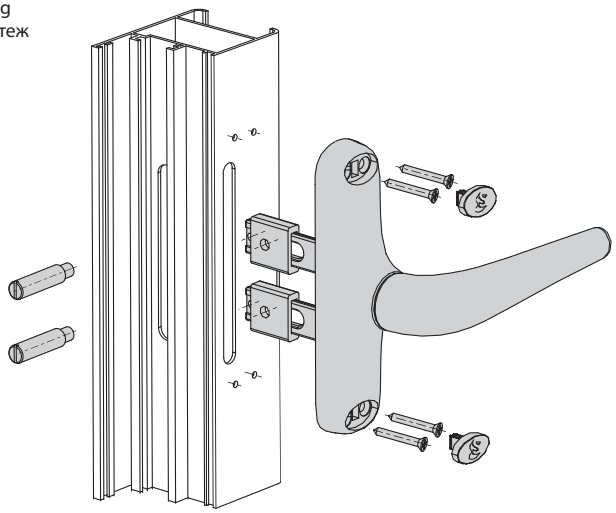
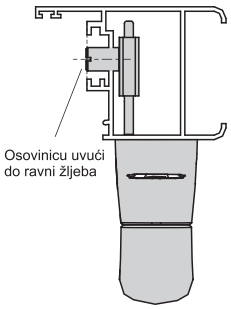
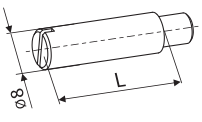
•Окончательная обработка, порошковая и жидкая краска.

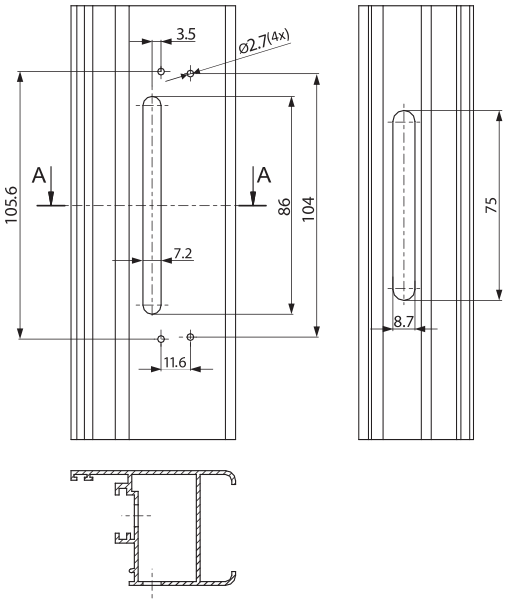
Montažni crtež
Assembly drawing
Монтажный чертеж





1041.01.08 - L=15mm
1041.01.09 - L=22mm
1041.01.10 - L=28mm

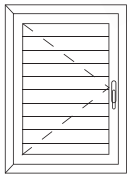


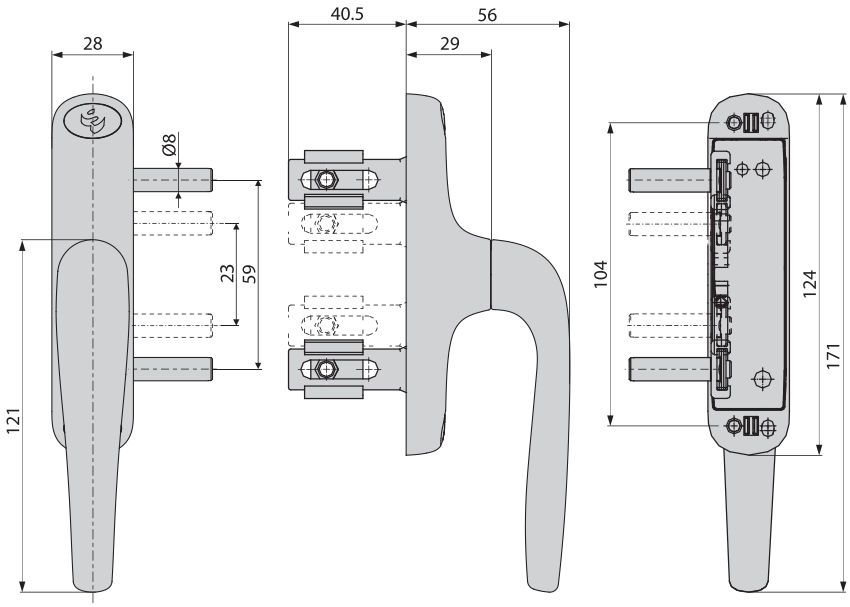


Pogonska ručica za žaluzine

Opereting handle for blinds

Ручки для наружней установки





Artikal	
1041.00 L	3.5x25 DIN 7982, A2

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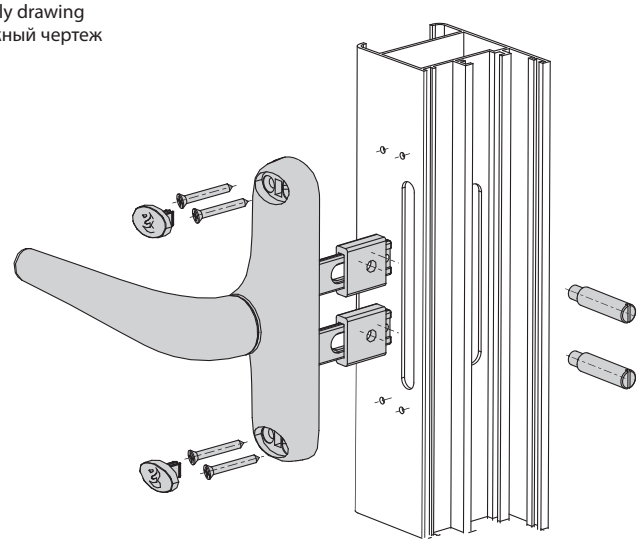
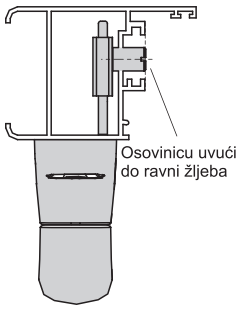
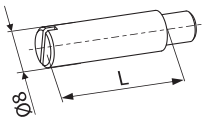
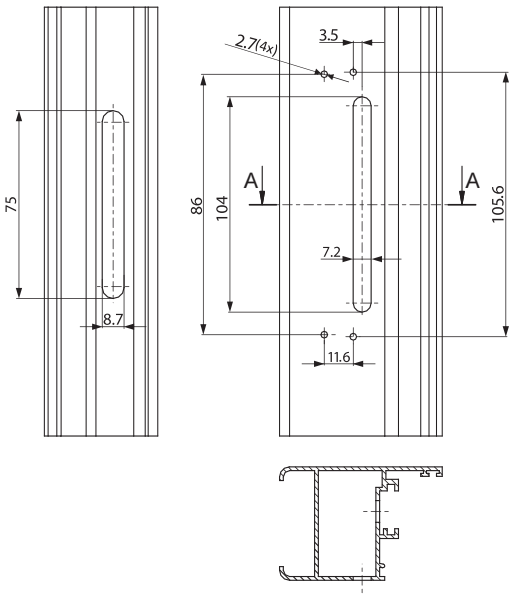
Montažni crtež
Assembly drawing
Монтажный чертеж





1041.01.08 - L=15mm
1041.01.09 - L=22mm
1041.01.10 - L=28mm

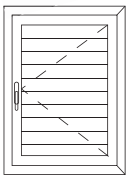


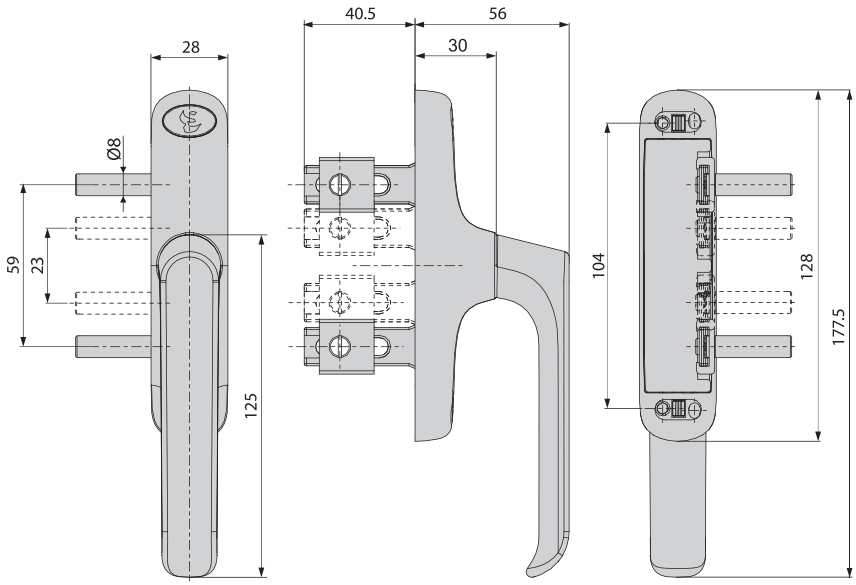


Pogonska ručica za žaluzine

Opereting handle for blinds

Ручки для наружней установки





Artikal	
1141.00 D	3.5x25 DIN 7982, A2

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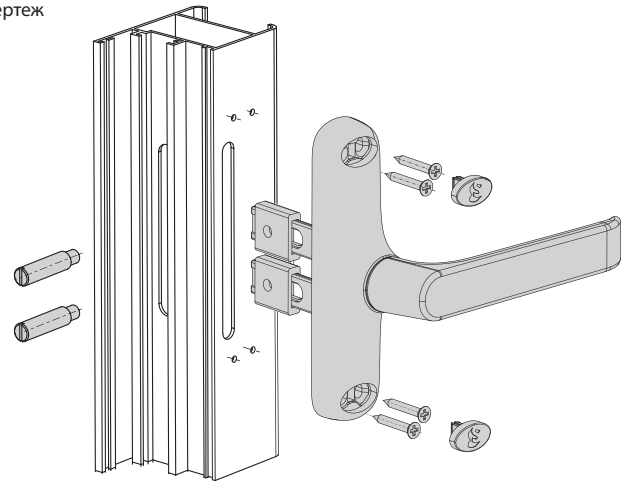
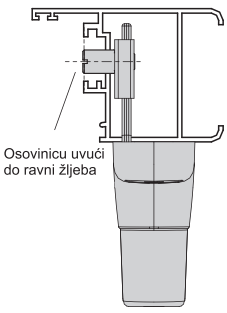
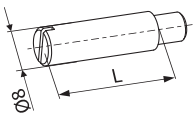
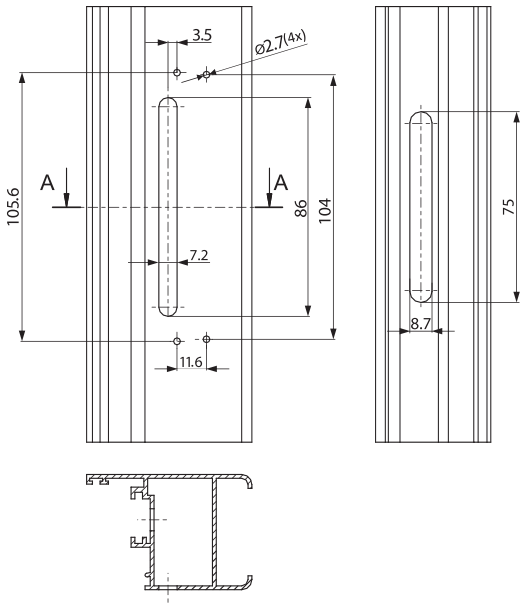
Montažni crtež
Assembly drawing
Монтажный чертеж





1041.01.08 - L=15mm
1041.01.09 - L=22mm
1041.01.10 - L=28mm

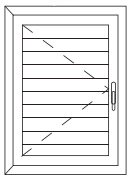


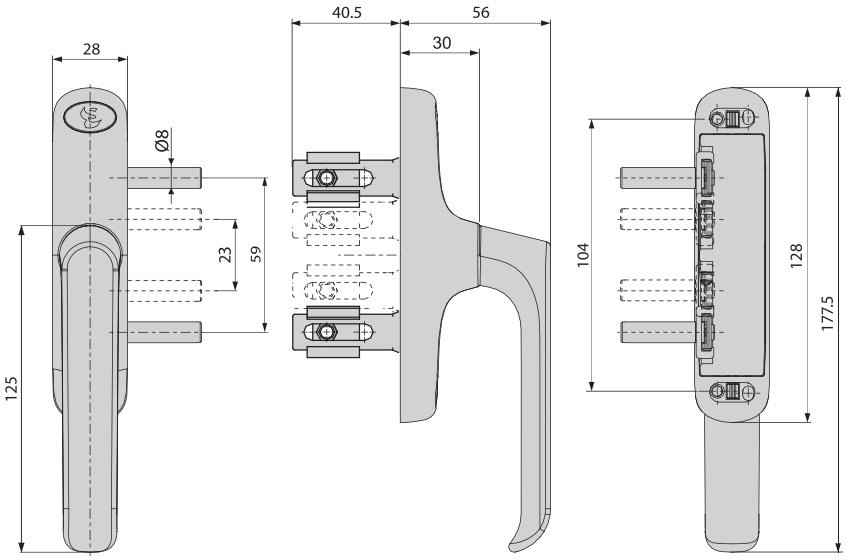


Pogonska ručica za žaluzine

Opereting handle for blinds

Ручки для наружней установки





Artikal	
1141.00 L	3.5x25 DIN 7982, A2

SR / Tehničke informacije:

•Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
•Plastični delovi su od poliamida.
•Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
•Završna obrada, praškasta i tečna prevlaka.

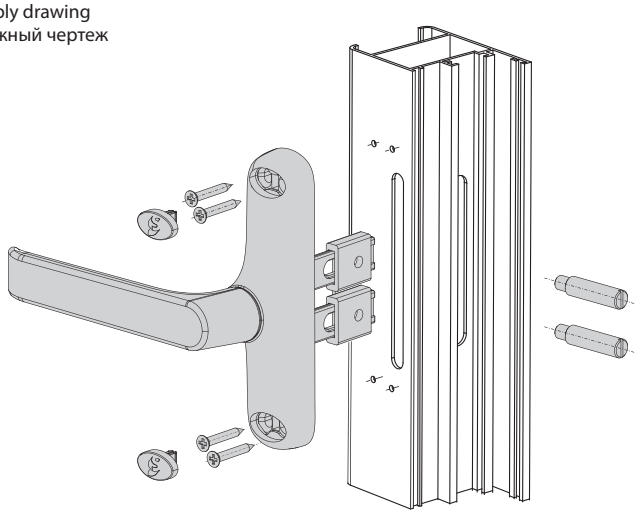
EN / Technical information:

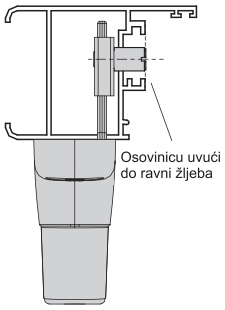
•Made of aluminium alloys and zinc alloy by die-casting.
•Plastic parts are made of polyamide.
•Screws and springs are made out of stainless steel.
•Surface protection powder coating and liquid painting.

RU / Техническая информация:

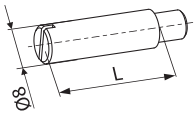
•Изготовлена из сплавов алюминия и цинка методом литья под высоким давлением.
•Отдельные детали полиамида.
•Винты и пружины есть от нержавеющей стали.
•Окончательная обработка, порошковая и жидкая краска.

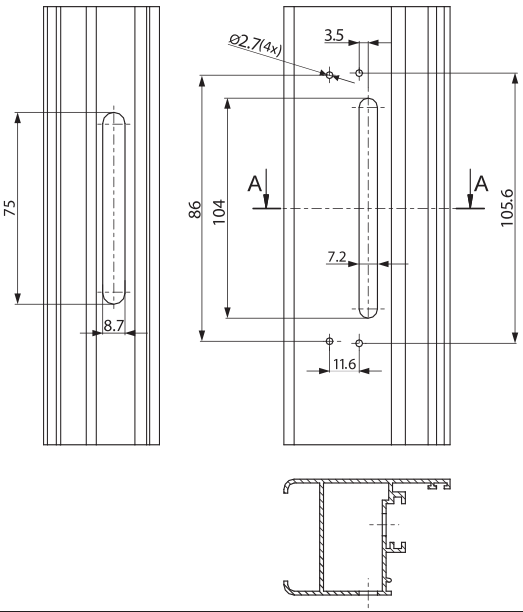
Montažni crtež
Assembly drawing
Монтажный чертеж





1041.01.08 - L=15mm
1041.01.09 - L=22mm
1041.01.10 - L=28mm

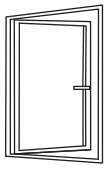


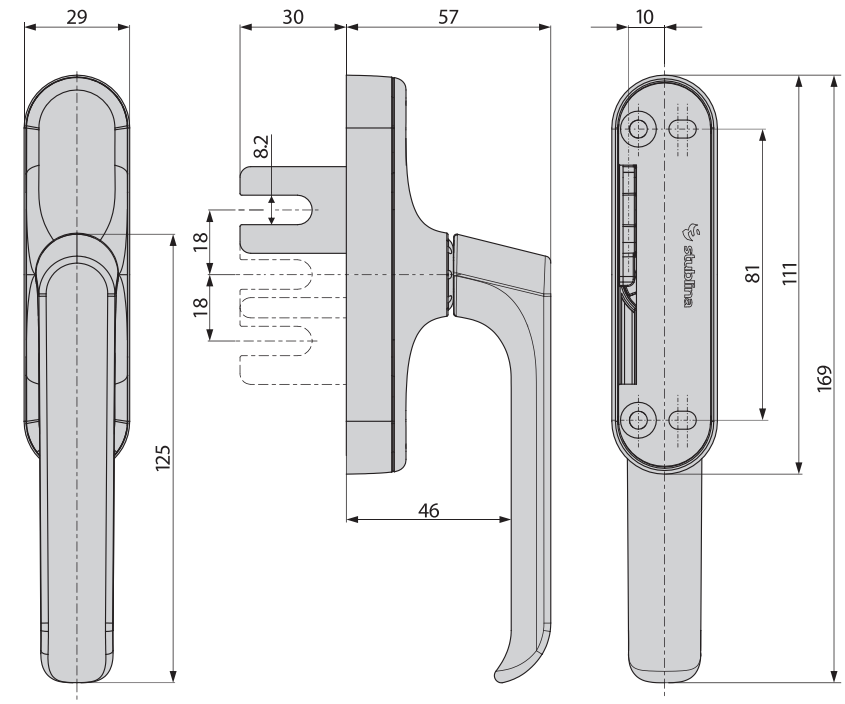


Ručica za prozor za spoljno otvaranje bez pribora

Side-hung window handle without accessories

Оконная ручки для наружного открывания без аксессуаров





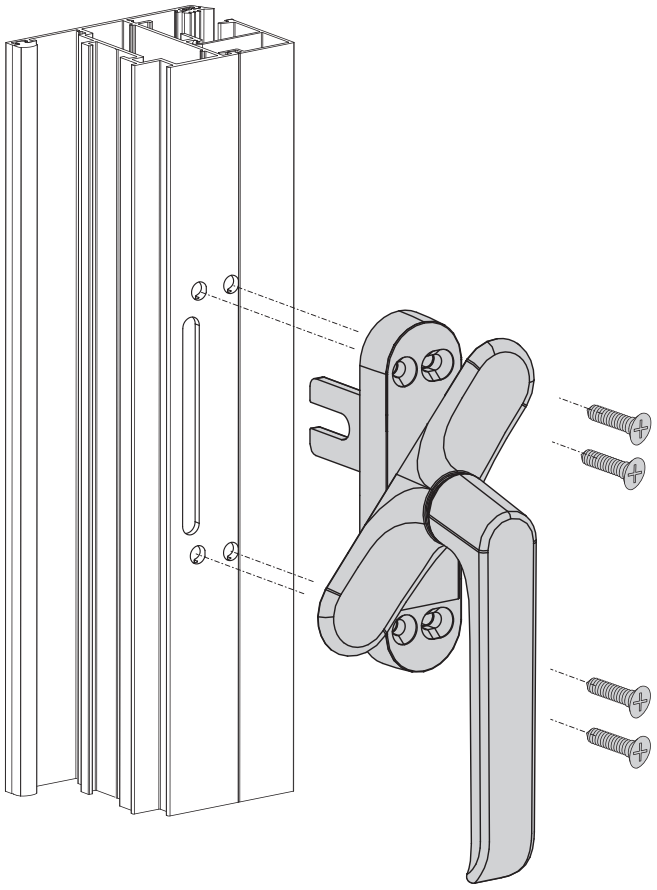
Artikal	
1109.00	A2 4.8x25 DIN 7982

Montažni crtež
Assembly drawing
Монтажный чертеж

SR / Tehničke informacije:
•Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
•Plastični delovi su od poliamida.
•Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
•Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:
•Made of aluminium alloys and zinc alloy by die-casting.
•Plastic parts are made of polyamide.
•Screws and springs are made out of stainless steel.
•Surface protection powder coating and liquid painting.

RU / Техническая информация:
•Изготовлена из сплвов алюминия и цинка методом литья под высоким давлением.
•Отдельные детали полиамида.
•Винты и пружины есть от нержавеющей стали.
•Окончательная обработка, порошковая и жидкая краска.

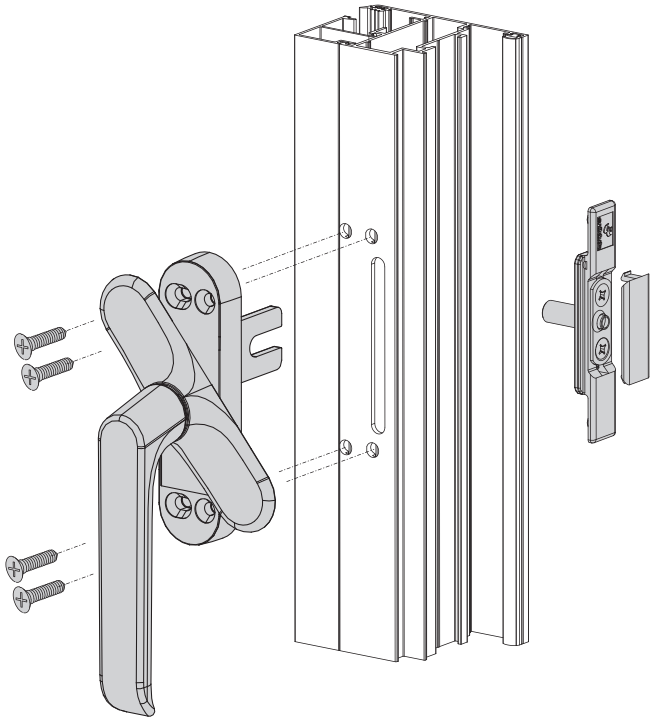


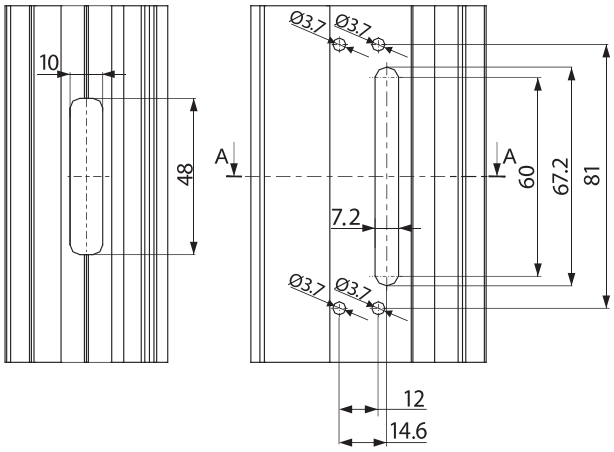
Ručica za prozor za spoljno otvaranje bez pribora

Side-hung window handle without accessories

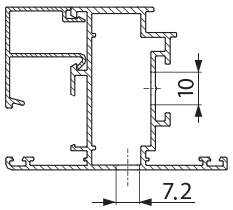
Оконная ручки для наружного открывания без аксессуаров

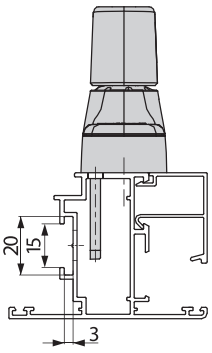
Montažni crtež
Assembly drawing
Монтажный чертеж



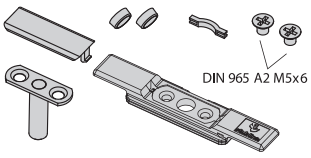


Presek: A-A





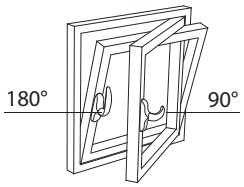
1109.50

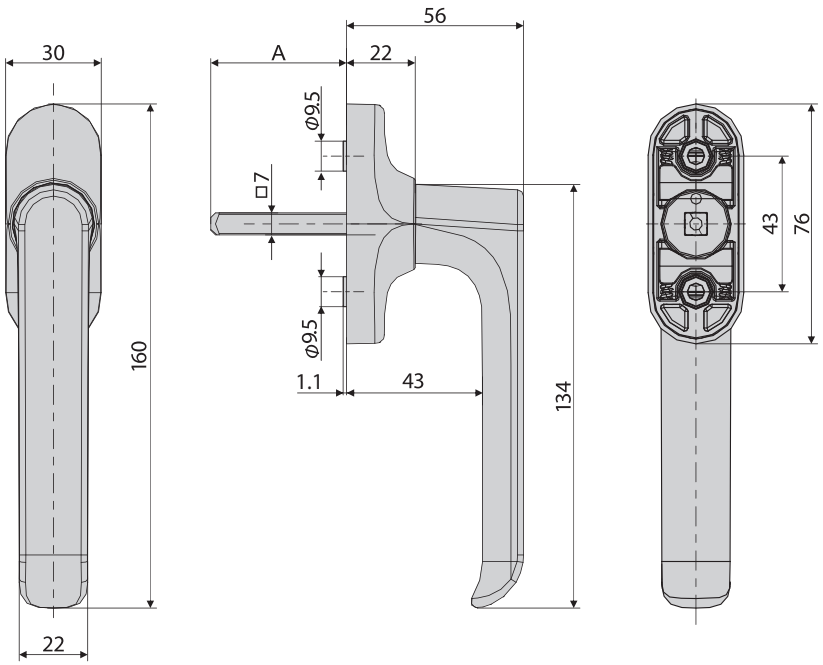


Pogonska ručica za AL i PVC profile

Operating handle for AL and PVC profiles

Ручка управляющая для АЛ и ПВХ профил





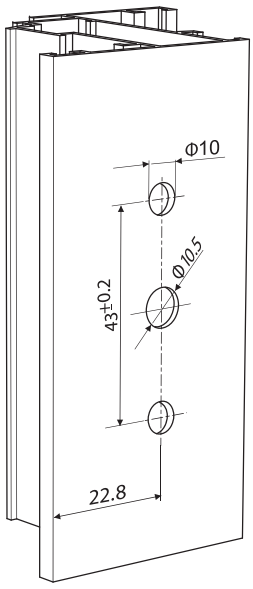
Artikal	□	A (mm)	
1110.00	7x7	23	M5x40 DIN 965
1110.10	7x7	43	M5x50 DIN 965

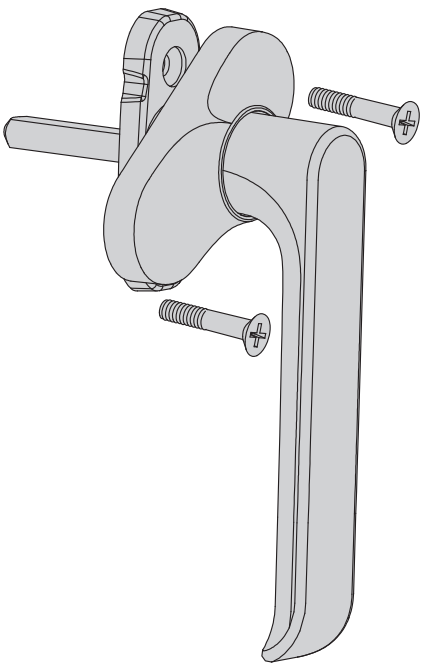
SR / Tehničke informacije:
- Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
- Plastični delovi su od poliamida.
- Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
- Završna obrada, praškasta i tečna prevlaka.

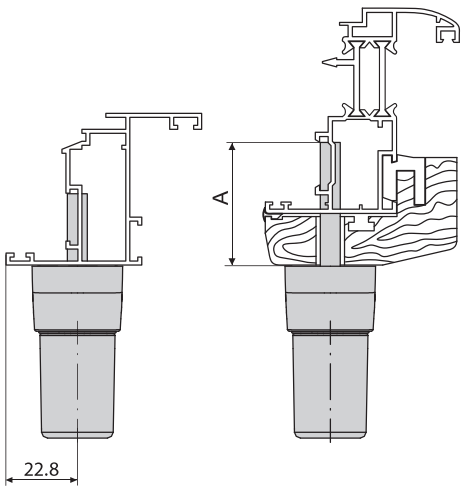
EN / Technical information:
- Made of aluminium alloys and zinc alloy by die-casting.
- Plastic parts are made of polyamide.
- Screws and springs are made out of stainless steel.
- Surface protection powder coating and liquid painting.

RU / Техническая информация:
- Изготовлена из сплавов алюминия и цинка методом литья под высоким давлением.
- Отдельные детали полиамида.
- Винты и пружины есть от нержавеющей стали.
- Окончательная обработка, порошковая и жидкая краска.

Montažni crtež
Assembly drawing
Монтажный чертеж



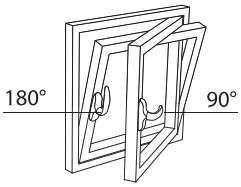




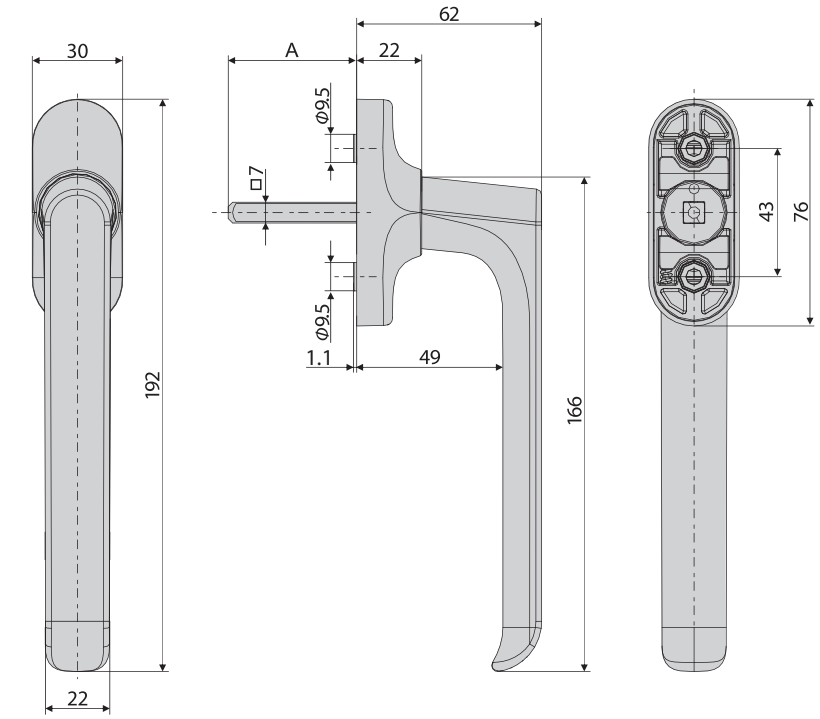
Pogonska ručica za AL i PVC profile

Operating handle for AL and PVC profiles

Ручка управляющая для АЛ и ПВХ профил



Artikal	□	A (mm)	
1118.00	7x7	23	M5x40 DIN 965
1118.10	7x7	43	M5x50 DIN 965



SR / Tehničke informacije:

•Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
•Plastični delovi su od poliamida.
•Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
•Završna obrada, praškasta i tečna prevlaka.

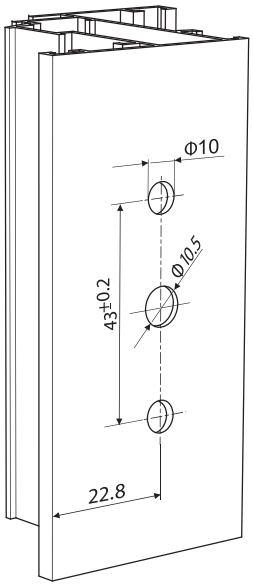
EN / Technical information:

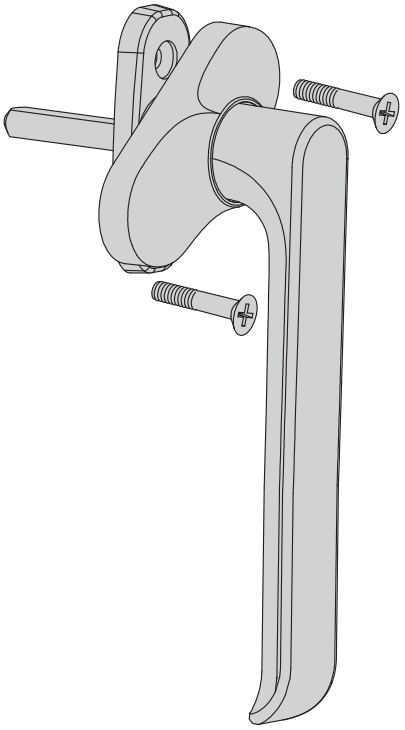
•Made of aluminium alloys and zinc alloy by die-casting.
•Plastic parts are made of polyamide.
•Screws and springs are made out of stainless steel.
•Surface protection powder coating and liquid painting.

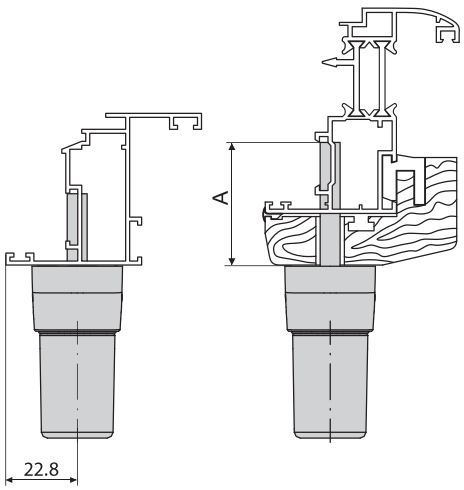
RU / Техническая информация:

•Изготовлена из сплавов алюминия и цинка методом литья под высоким давлением.
•Отдельные детали полиамида.
•Винты и пружины есть от нержавеющей стали.
•Окончательная обработка, порошковая и жидкая краска.

Montažni crtež
Assembly drawing
Монтажный чертеж



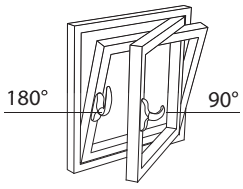


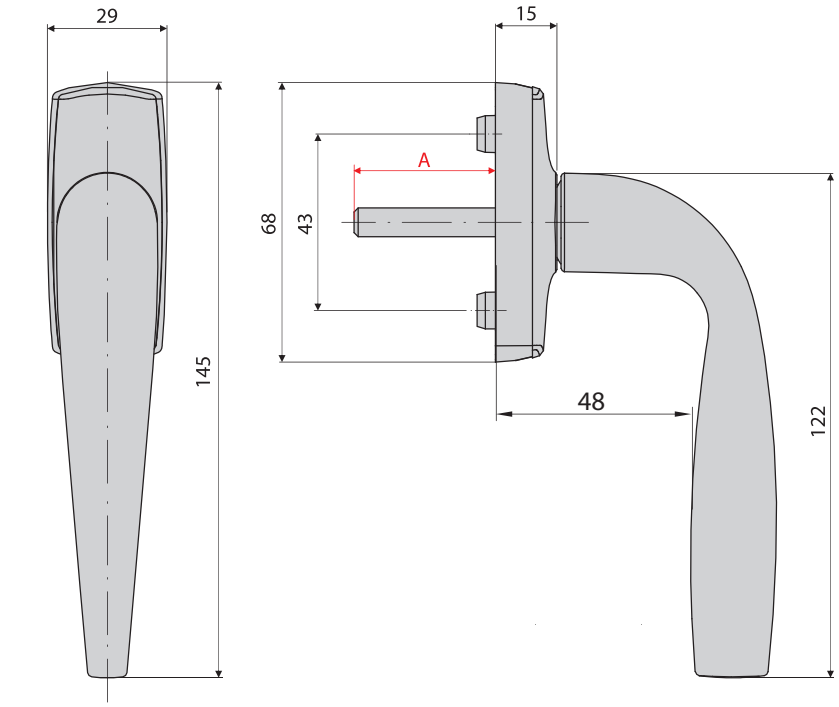


Pogonska ručica za AL i PVC profile

Operating handle for AL and PVC profiles

Ручка управляющая для АЛ и ПВХ профиля





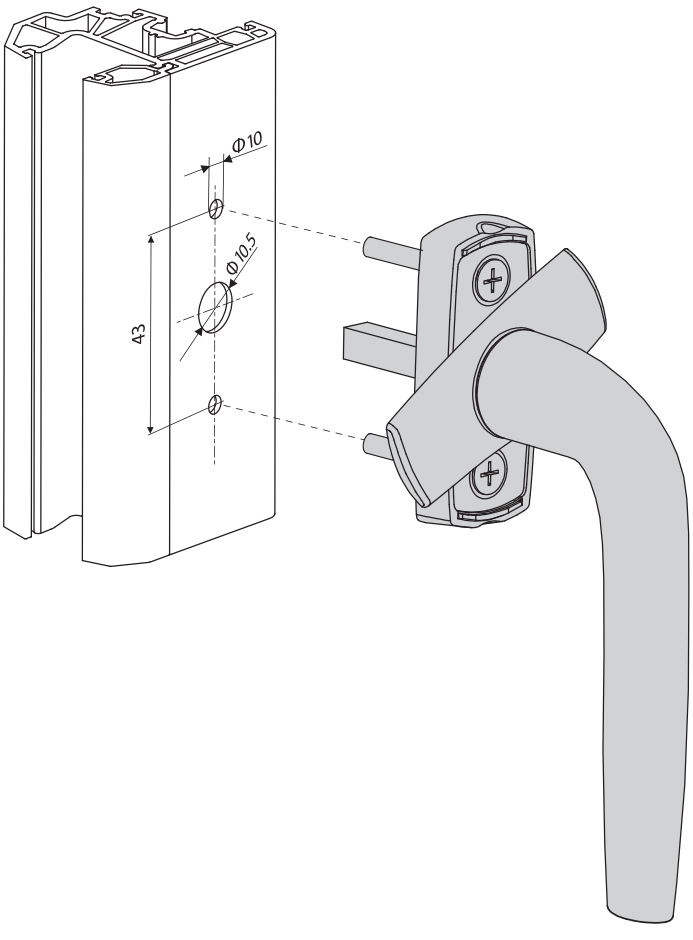
Artikal	□	A (mm)	
1036.00	7x7	40	M5x50 DIN 965
1036.10	7x7	35	M5x40 DIN 965
1036.20	7x7	45	M5x50 DIN 965

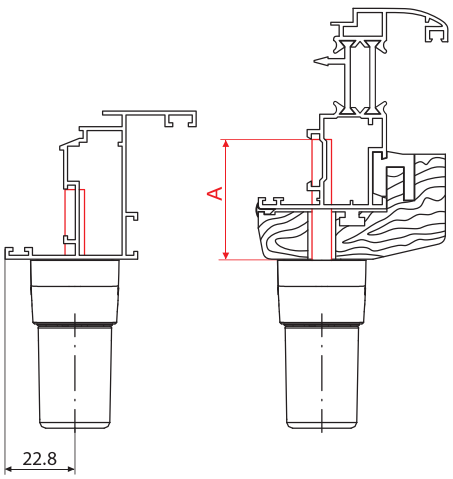
SR / Tehničke informacije:
- Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
- Plastični delovi su od poliamida.
- Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
- Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:
- Made of aluminium alloys and zinc alloy by die-casting.
- Plastic parts are made of polyamide.
- Screws and springs are made out of stainless steel.
- Surface protection powder coating and liquid painting.

RU / Техническая информация:
- Изготовлена из сплавов алюминия и цинка методом литья под высоким давлением.
- Отдельные детали полиамида.
- Винты и пружины есть от нержавеющей стали.
- Окончательная обработка, порошковая и жидкая краска.

Montažni crtež
Assembly drawing
Монтажный чертеж





Pogonska ručica za klizne sisteme

Operating handle for sliding systems

Ручка управляющая для раздвижных систем

Artikal	□	A (mm)	
1120.00	7x7		M5x90 DIN 965

SR / Tehničke informacije:

•Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
•Plastični delovi su od poliamida.
•Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
•Završna obrada, praškasta i tečna prevlaka.

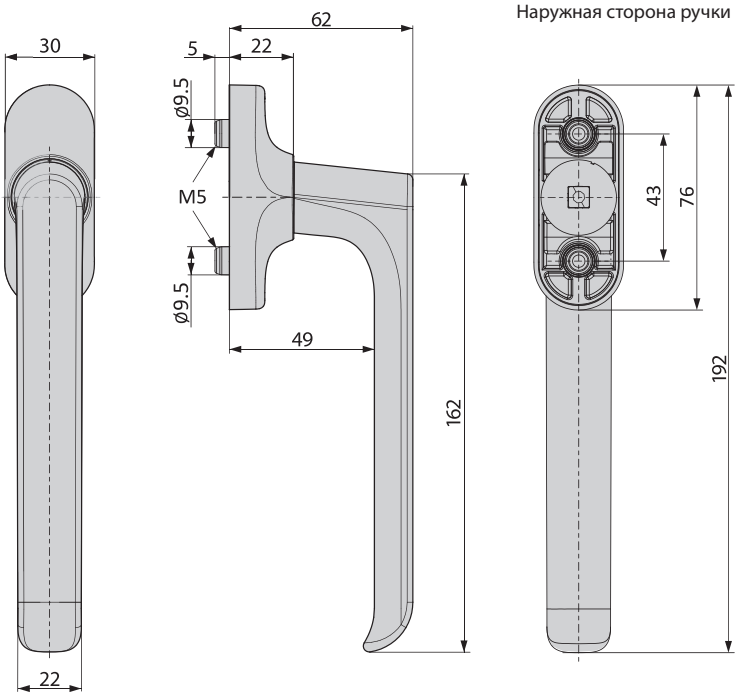
EN / Technical information:

•Made of aluminium alloys and zinc alloy by die-casting.
•Plastic parts are made of polyamide.
•Screws and springs are made out of stainless steel.
•Surface protection powder coating and liquid painting.

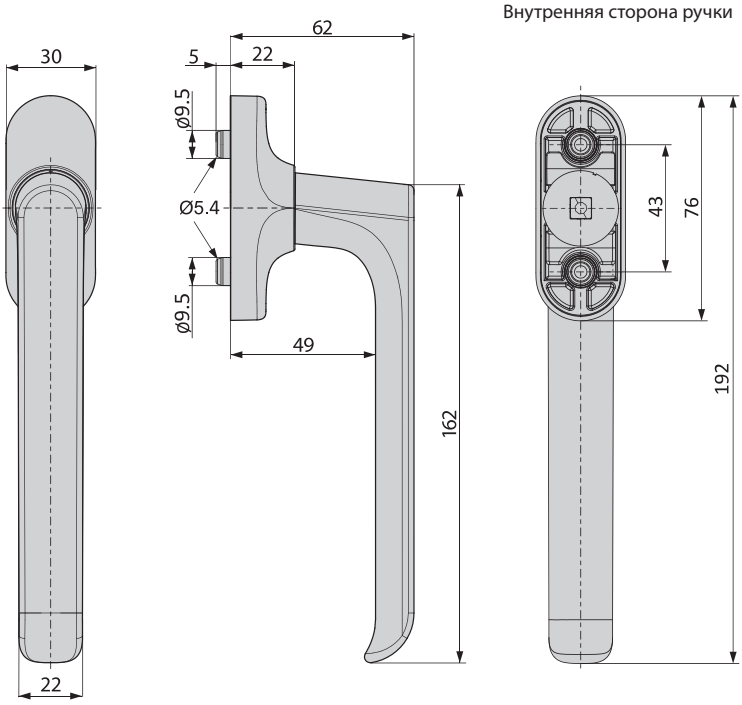
RU / Техническая информация:

•Изготовлена из сплвов алюминия и цинка методом литья под высоким давлением.
•Отдельные детали полиамида.
•Винты и пружины есть от нержавеющей стали.
•Окончательная обработка, порошковая и жидкая краска.

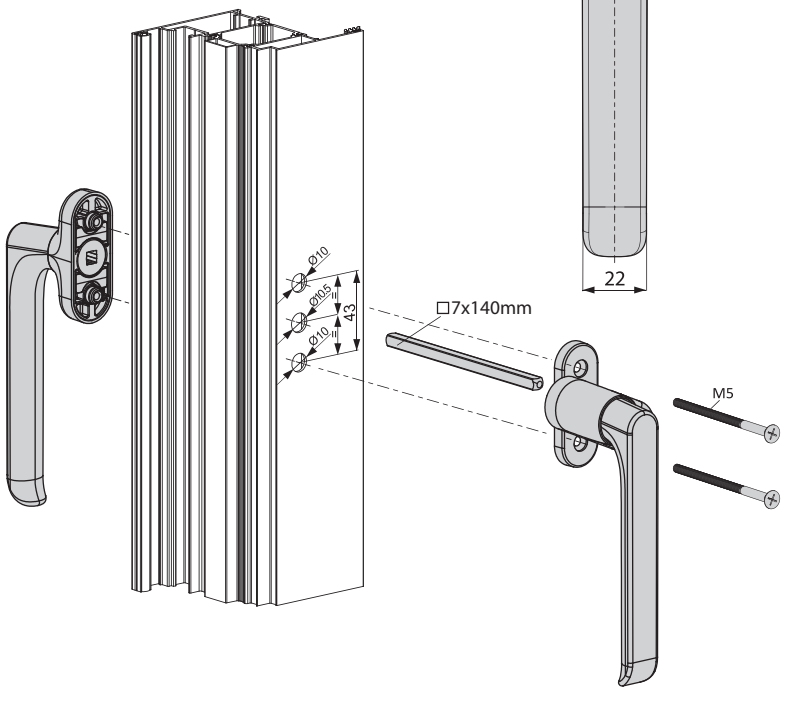
Spoljašnja strana ručice
External side of the handle
Наружная сторона ручки

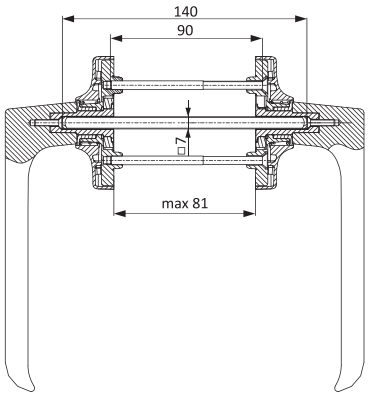


Unutrašnja strana ručice
Internal side of the handle
Внутренняя сторона ручки



Montažni crtež
Assembly drawing
Монтажный чертеж





Pogonska ručica za klizne sisteme

Operating handle for sliding systems

Ручка управляющая для раздвижных систем

Artikal	□	A (mm)	
1119.00	7x7		M5x90 DIN 965

SR / Tehničke informacije:

•Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
•Plastični delovi su od poliamida.
•Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
•Završna obrada, praškasta i tečna prevlaka.

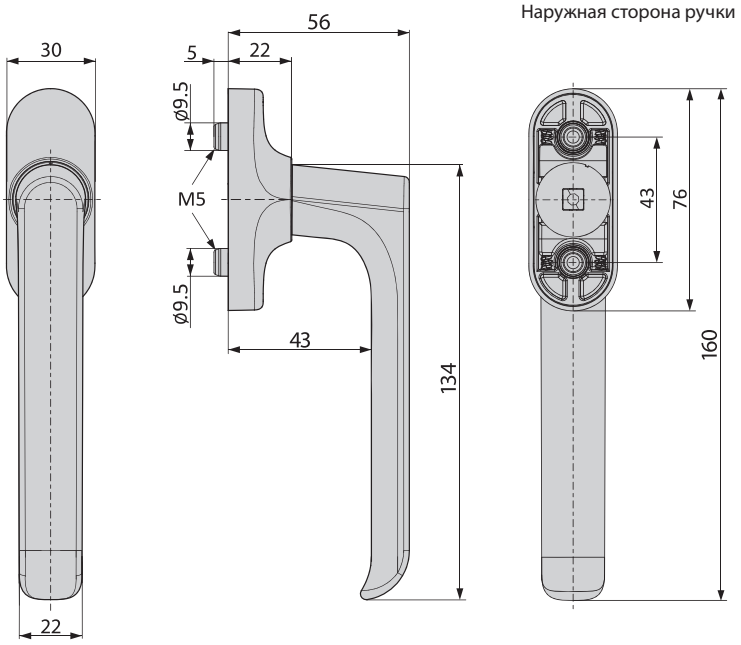
EN / Technical information:

•Made of aluminium alloys and zinc alloy by die-casting.
•Plastic parts are made of polyamide.
•Screws and springs are made out of stainless steel.
•Surface protection powder coating and liquid painting.

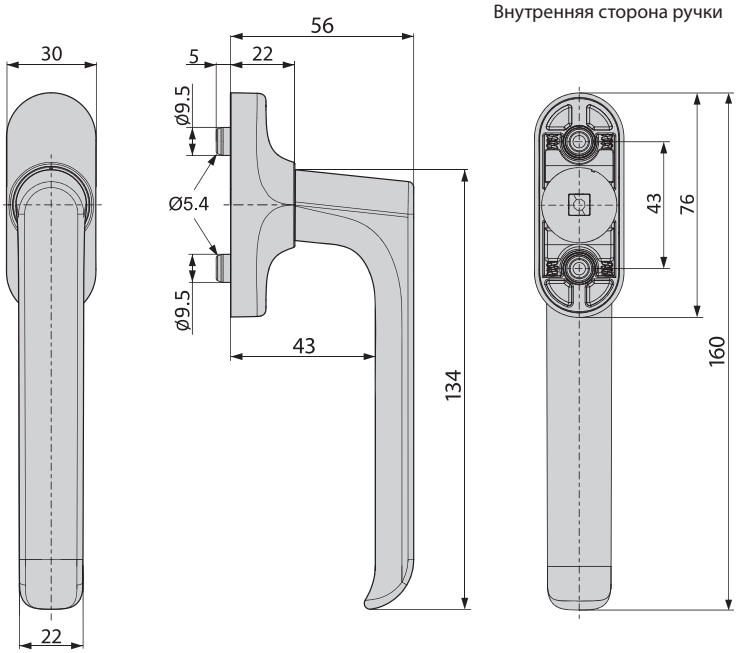
RU / Техническая информация:

•Изготовлена из сплавов алюминия и цинка методом литья под высоким давлением.
•Отдельные детали полиамида.
•Винты и пружины есть от нержавеющей стали.
•Окончательная обработка, порошковая и жидкая краска.

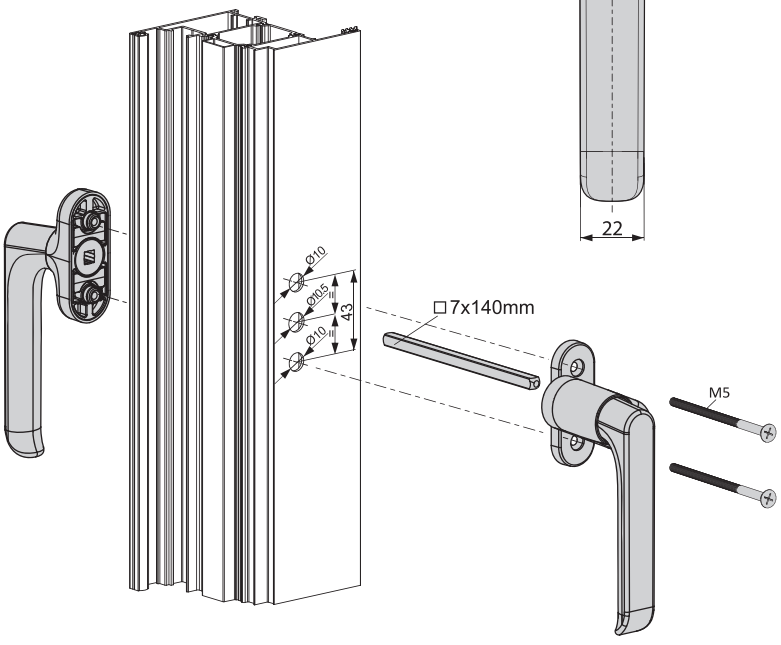
Spoljašnja strana ručice
External side of the handle
Наружная сторона ручки

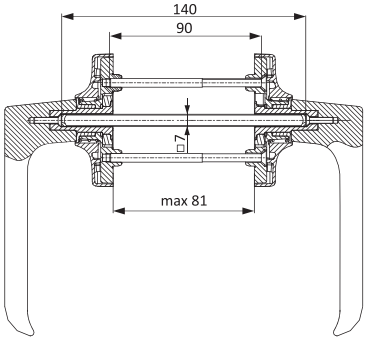


Unutrašnja strana ručice
Internal side of the handle
Внутренняя сторона ручки



Montažni crtež
Assembly drawing
Монтажный чертеж

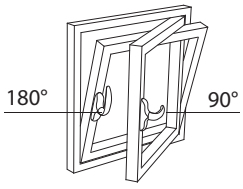




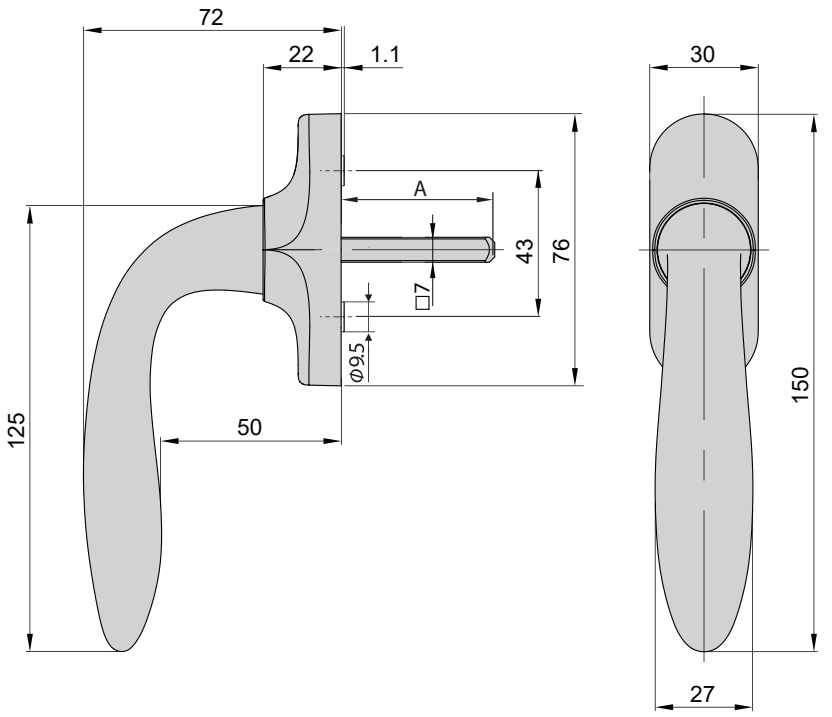
Pogonska ručica za AL i PVC profile

Operating handle for AL and PVC profiles

Ручка управляющая для АЛ и ПВХ профиля



Artikal	□	A (mm)	
1043.00	7x7	23	M5x40 DIN 965
1043.10	7x7	43	M5x50 DIN 965



Montažni crtež

Assembly drawing

Монтажный чертеж

SR / Tehničke informacije:

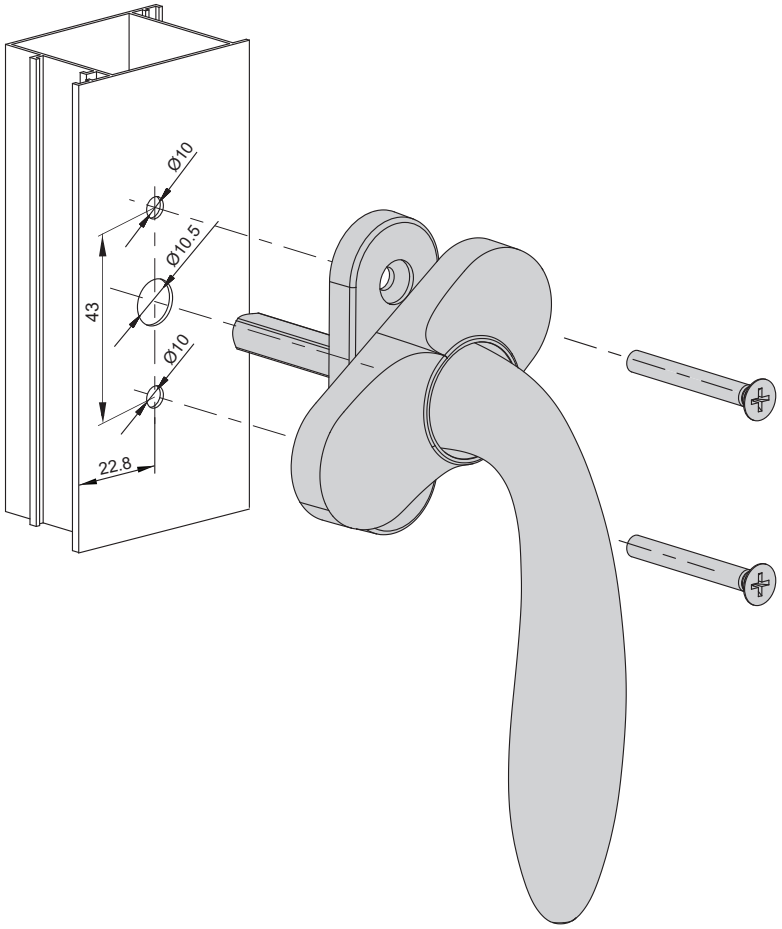
•Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
•Plastični delovi su od poliamida.
•Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
•Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:

•Made of aluminium alloys and zinc alloy by die-casting.
•Plastic parts are made of polyamide.
•Screws and springs are made out of stainless steel.
•Surface protection powder coating and liquid painting.

RU / Техническая информация:

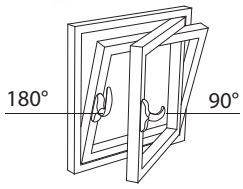
•Изготовлена из сплвов алюминия и цинка методом литья под высоким давлением.
•Отдельные детали полиамида.
•Винты и пружины есть от нержавеющей стали.
•Окончательная обработка, порошковая и жидкая краска.

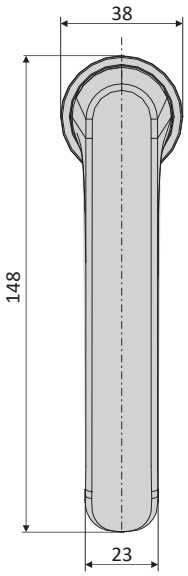


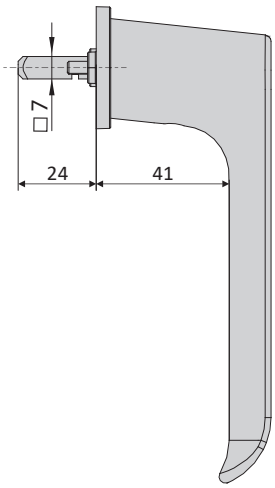
Pogonska ručica za AL profile

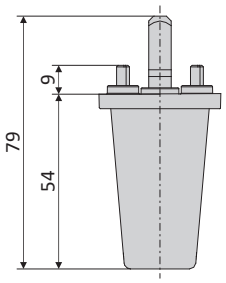
Operating handle for AL profiles

Ручка управляющая для АЛ профиля







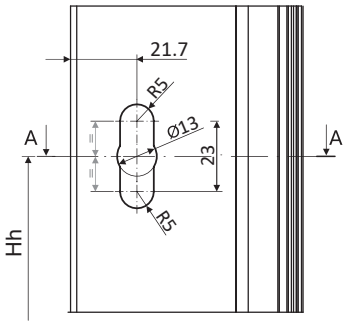


Artikal	□
1112.00	7x7

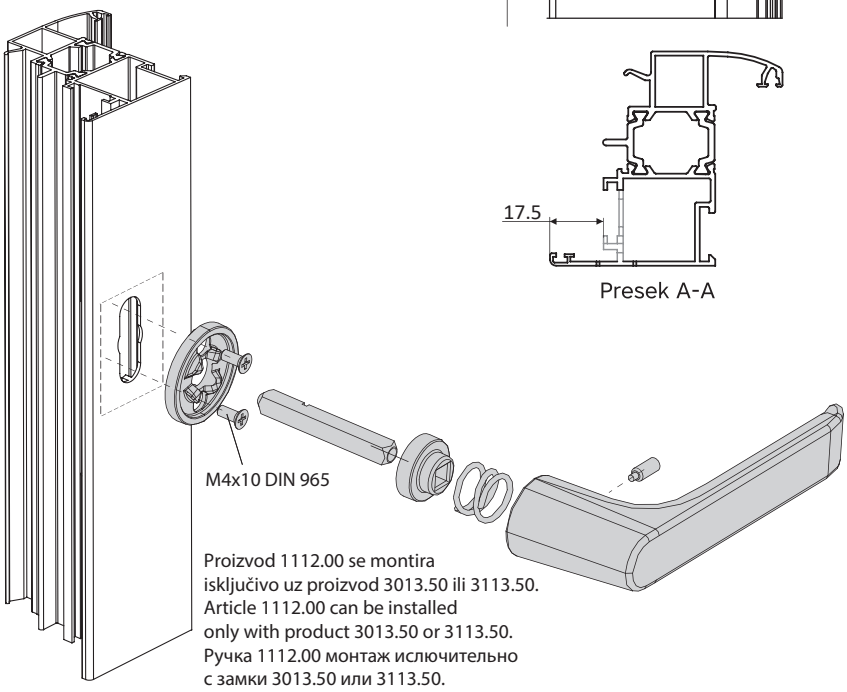
SR / Tehničke informacije:
- Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
- Plastični delovi su od poliamida.
- Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
- Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:
- Made of aluminium alloys and zinc alloy by die-casting.
- Plastic parts are made of polyamide.
- Screws and springs are made out of stainless steel.
- Surface protection powder coating and liquid painting.

RU / Техническая информация:
- Изготовлена из сплавов алюминия и цинка методом литья под высоким давлением.
- Отдельные детали полиамида.
- Винты и пружины есть от нержавеющей стали.
- Окончательная обработка, порошковая и жидкая краска.



Presek A-A

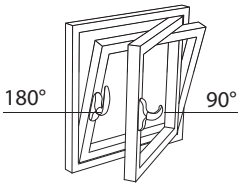


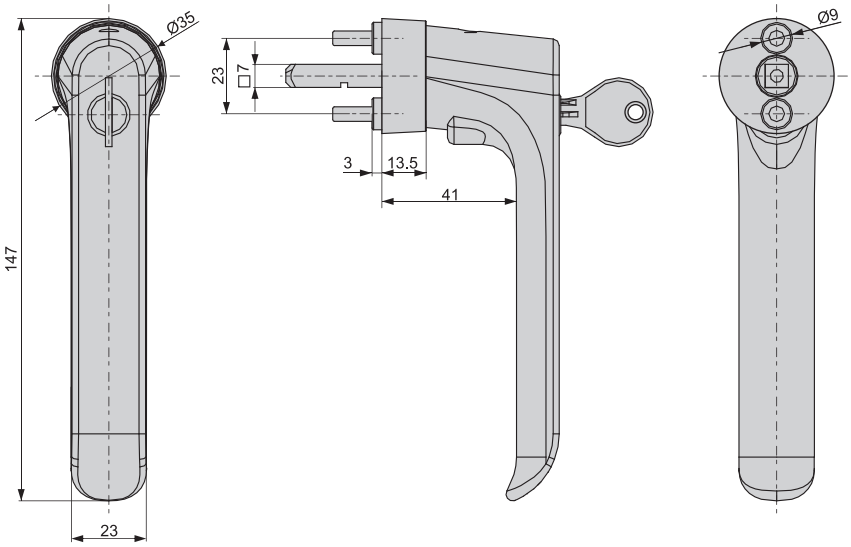
Proizvod 1112.00 se montira isključivo uz proizvod 3013.50 ili 3113.50.
Article 1112.00 can be installed only with product 3013.50 or 3113.50.
Ручка 1112.00 монтаж ислючительно с замки 3013.50 или 3113.50.

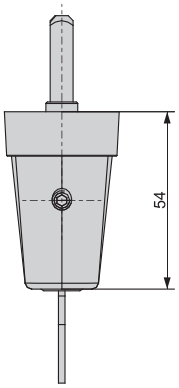
Pogonska ručica za nagibno okretno otvaranje sa ključem

Operating handle for tilt and turn opening systems with key

Управляющая ручка для поворотно откидного открывания с ключом







SR / Tehničke informacije:

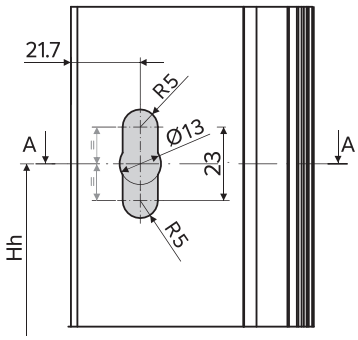
- Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
- Plastični delovi su od poliamida.
- Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
- Završna obrada, praškasta i tečna prevlaka.

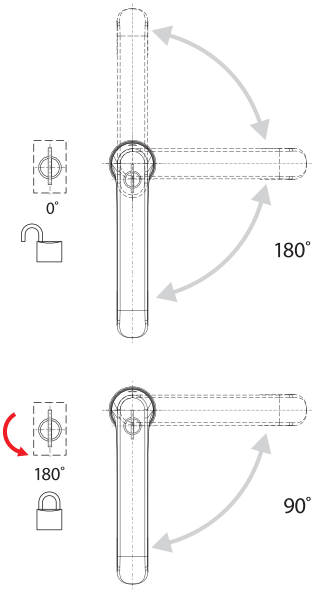
EN / Technical information:

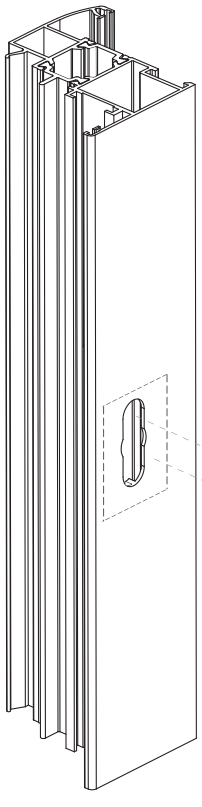
- Made of aluminium alloys and zinc alloy by die-casting.
- Plastic parts are made of polyamide.
- Screws and springs are made out of stainless steel.
- Surface protection powder coating and liquid painting.

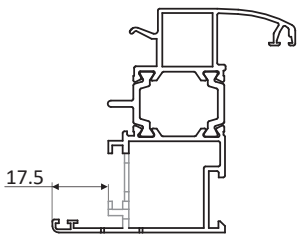
RU / Техническая информация:

- Изготовлена из сплавов алюминия и цинка методом литья под высоким давлением.
- Отдельные детали полиамида.
- Винты и пружины есть от нержавеющей стали.
- Окончательная обработка, порошковая и жидкая краска.

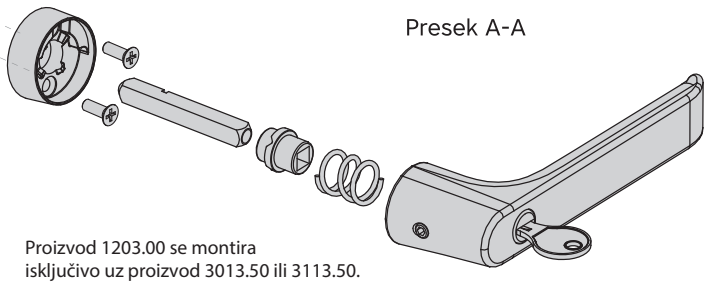








Presek A-A

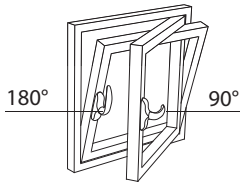


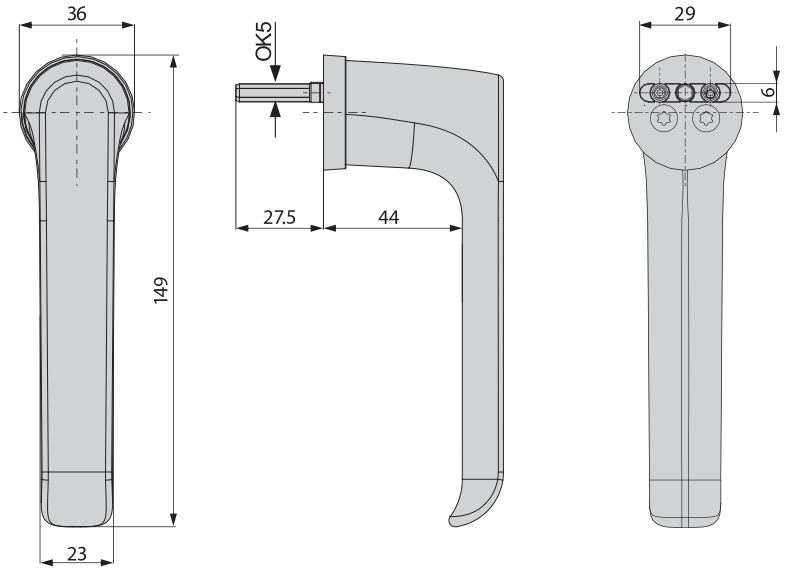
Proizvod 1203.00 se montira isključivo uz proizvod 3013.50 ili 3113.50.
Article 1203.00 can be installed only with product 3013.50 or 3113.50.
Ручка 1203.00 монтаж ислючительно с замки 3013.50 или 3113.50.

Pogonska ručica za AL profile

Operating handle for AL profiles

Ручка управляющая для АЛ профиля





Artikal	⬡
1212.00	5

SR / Tehničke informacije:

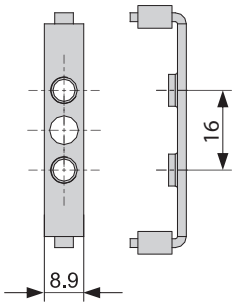
- Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
- Plastični delovi su od poliamida.
- Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
- Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:

- Made of aluminium alloys and zinc alloy by die-casting.
- Plastic parts are made of polyamide.
- Screws and springs are made out of stainless steel.
- Surface protection powder coating and liquid painting.

RU / Техническая информация:

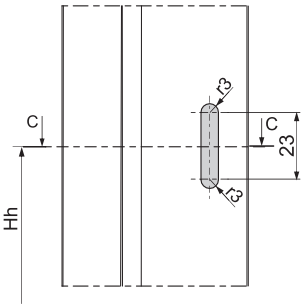
- Изготовлена из сплавов алюминия и цинка методом литья под высоким давлением.
- Отдельные детали полиамида.
- Винты и пружины есть от нержавеющей стали.
- Окончательная обработка, порошковая и жидкая краска.

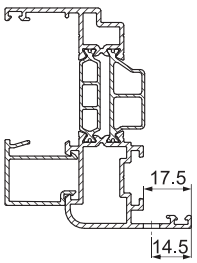


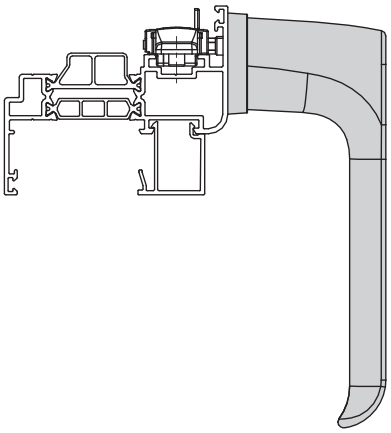
Montažni crtež

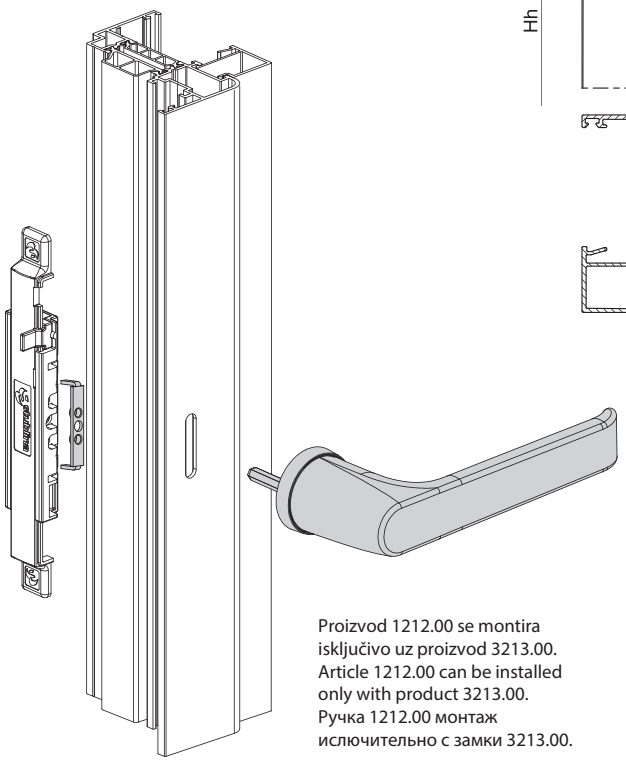
Assembly drawing

Монтажный чертеж







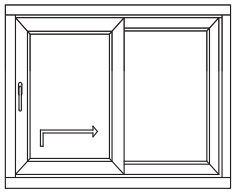


Proizvod 1212.00 se montira isključivo uz proizvod 3213.00.
Article 1212.00 can be installed only with product 3213.00.
Ручка 1212.00 монтаж ислючительно с замки 3213.00.

Pogonska ručica za klizne sisteme

Operating handle for sliding systems

Ручка управляющая для раздвижных систем



Artikal	□	
1114.00	10x10	M6x100 DIN 965

SR / Tehničke informacije:

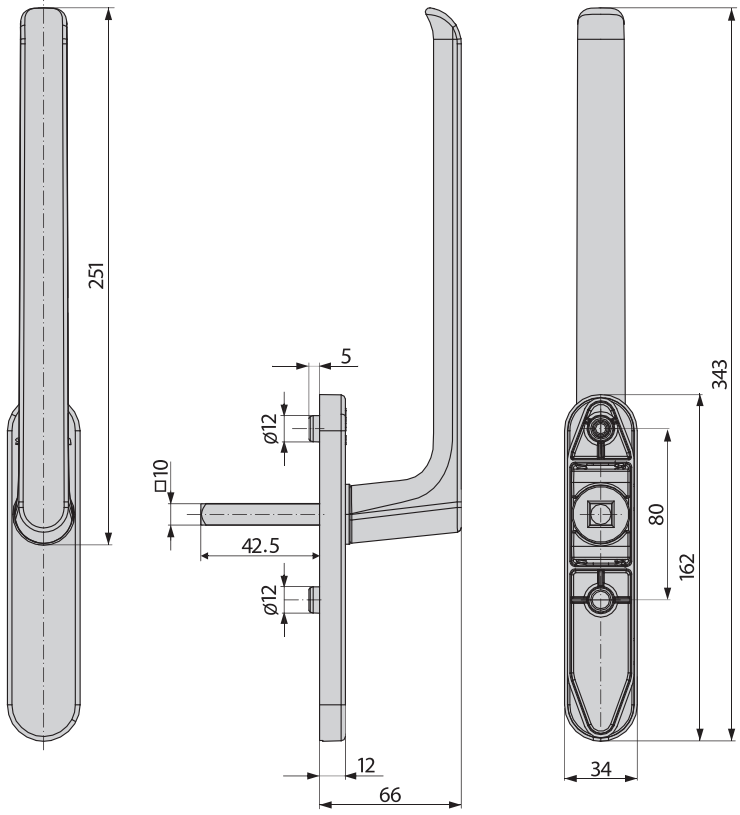
- Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
- Plastični delovi su od poliamida.
- Opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
- Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:

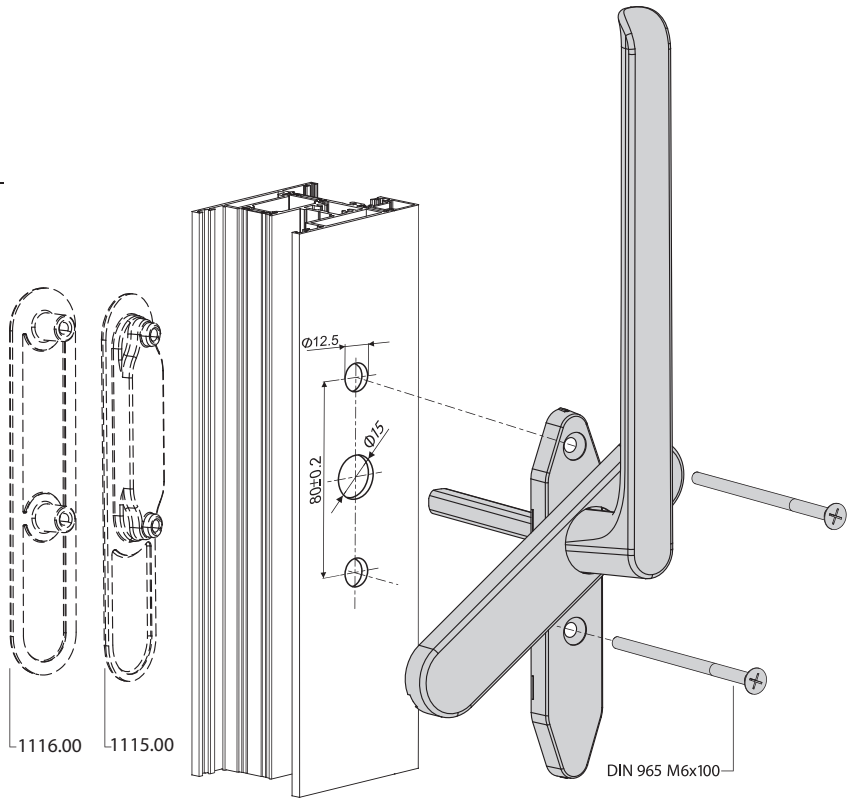
- Made of aluminium alloys and zinc alloy by die-casting.
- Plastic parts are made of polyamide.
- Springs are made out of stainless steel.
- Surface protection powder coating and liquid painting.

RU / Техническая информация:

- Изготовлена из сплавов алюминия и цинка методом литья под высоким давлением.
- Отдельные детали полиамида.
- Пружины есть от нержавеющей стали.
- Окончательная обработка, порошковая и жидкая краска.



Montažni crtež
Assembly drawing
Монтажный чертеж



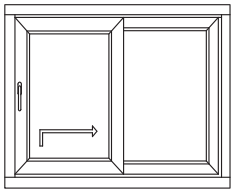
Zatvoren položaj
Close position
Закрытое положение

Otvoren položaj
Open position
Открытое положение

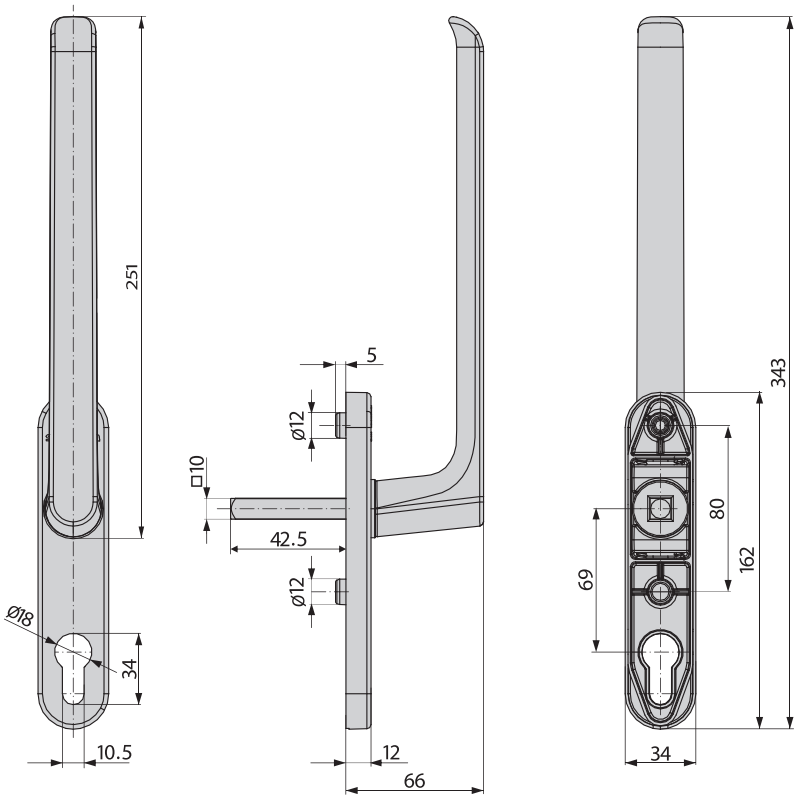
Pogonska ručica sa otvorom za cilindar za klizne sisteme

Operating handle for sliding systems

Ручка управляющая с отверстием для цилиндра для раздвижных систем



Artikal	□	
1114.10	10x10	M6x100 DIN 965



SR / Tehničke informacije:

- Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
- Plastični delovi su od poliamida.
- Opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
- Završna obrada, praškasta i tečna prevlaka.

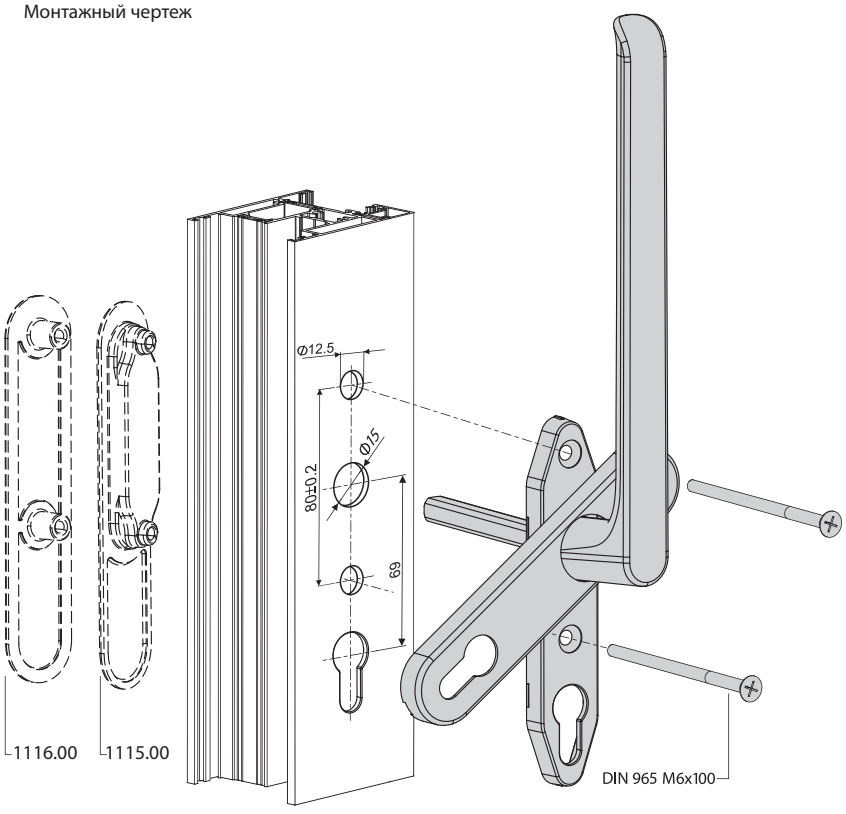
EN / Technical information:

- Made of aluminium alloys and zinc alloy by die-casting.
- Plastic parts are made of polyamide.
- Springs are made out of stainless steel.
- Surface protection powder coating and liquid painting.

RU / Техническая информация:

- Изготовлена из сплавов алюминия и цинка методом литья под высоким давлением.
- Отдельные детали полиамида.
- Пружины есть от нержавеющей стали.
- Окончательная обработка, порошковая и жидкая краска.

Montažni crtež
Assembly drawing
Монтажный чертеж



Zatvoren položaj
Close position
Закрытое положение

Otvoren položaj
Open position
Открытое положение

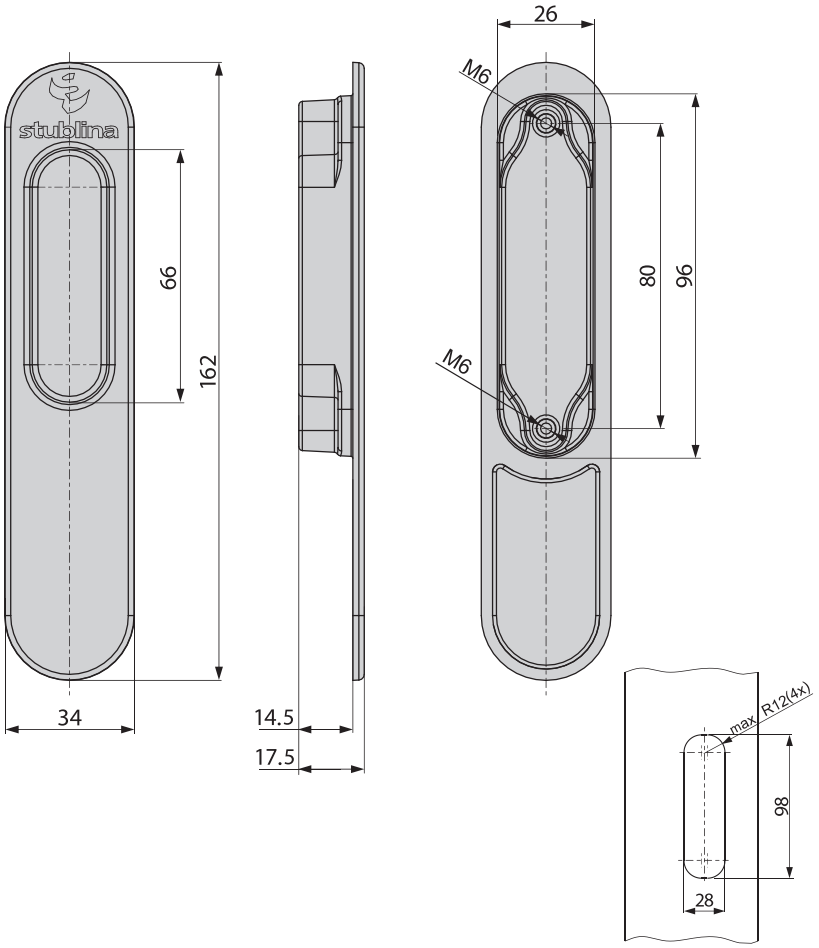
Povuka za vrata
Door knob
Дверная ручка

Artikal	
1115.00	/

SR / Tehničke informacije:
•Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
•Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:
•Made of aluminium alloys and zinc alloy by die-casting.
•Surface protection powder coating and liquid painting.

RU / Техническая информация:
•Изготовлена из сплавов алюминия и цинка методом литья под высоким давлением.
•Окончательная обработка, порошковая и жидкая краска.

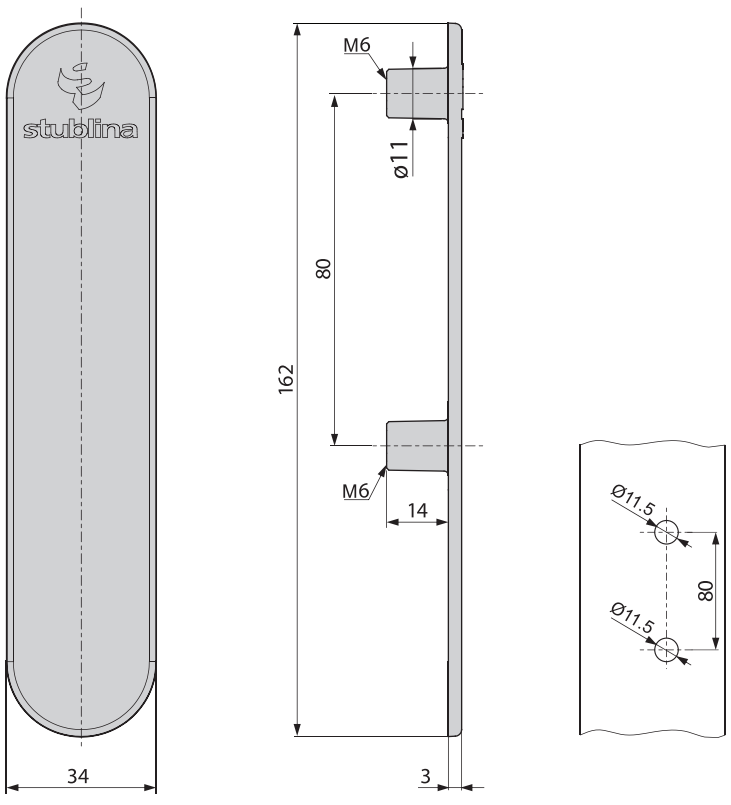


Artikal	
1116.00	/

SR / Tehničke informacije:
•Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
•Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:
•Made of aluminium alloys and zinc alloy by die-casting.
•Surface protection powder coating and liquid painting.

RU / Техническая информация:
•Изготовлена из сплавов алюминия и цинка методом литья под высоким давлением.
•Окончательная обработка, порошковая и жидкая краска.



Pogonska ručica sa otvorom za cilindar za klizne sisteme

Operating handle for sliding systems

Ручка управляющая с отверстием для цилиндра для раздвижных систем

Artikal	□	
1114.20	10x10	M6x100 DIN 965

SR / Tehničke informacije:

•Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
•Plastični delovi su od poliamida.
•Opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
•Završna obrada, praškasta i tečna prevlaka.

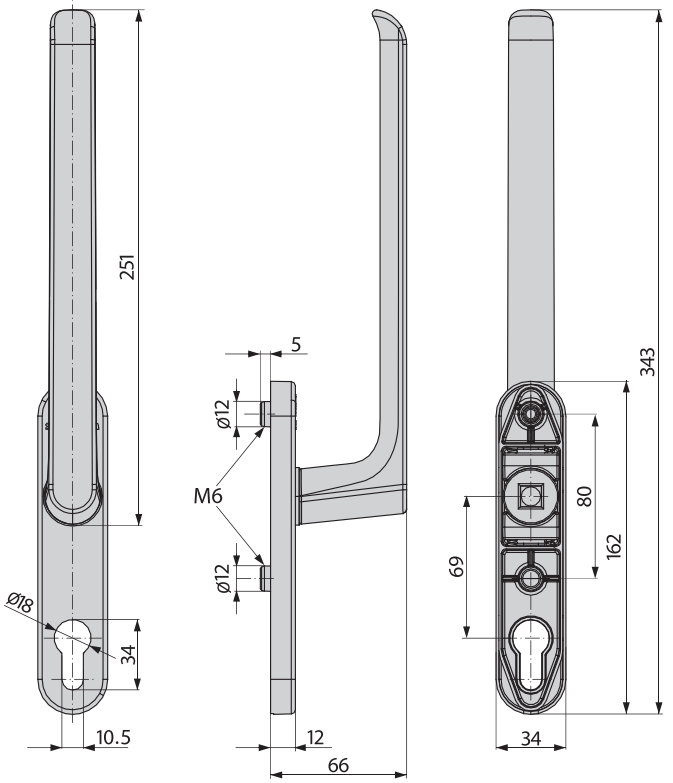
EN / Technical information:

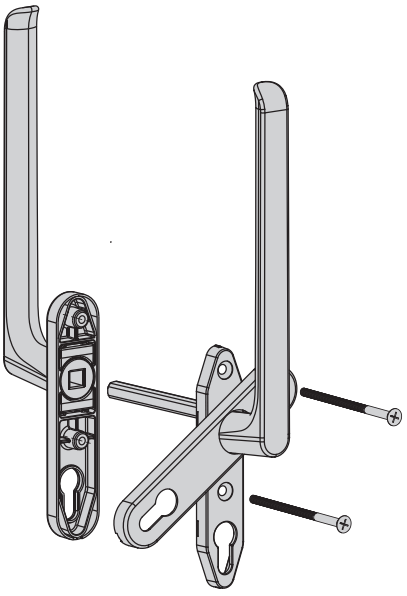
•Made of aluminium alloys and zinc alloy by die-casting.
•Plastic parts are made of polyamide.
•Springs are made out of stainless steel.
•Surface protection powder coating and liquid painting.

RU / Техническая информация:

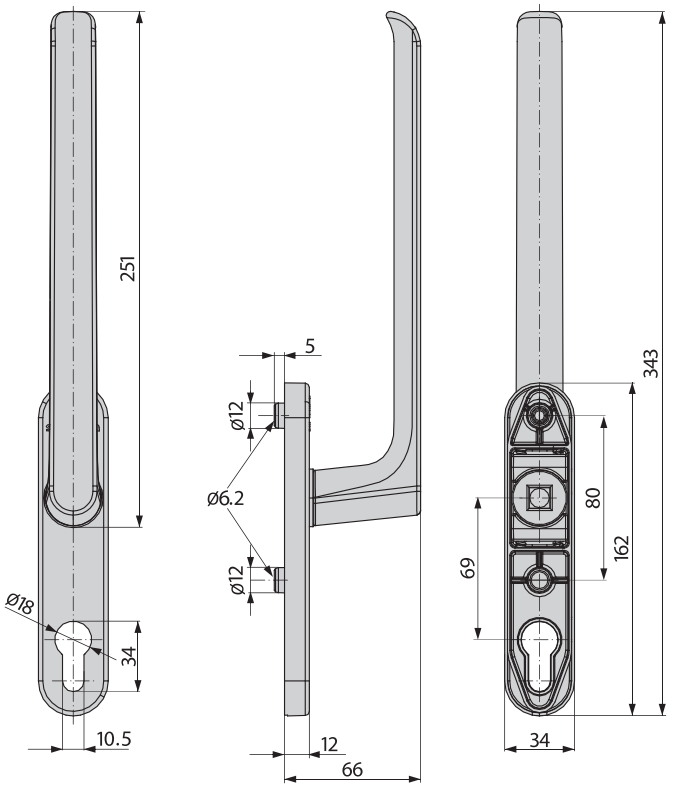
•Изготовлена из сплвов алюминия и цинка методом литья под высоким давлением.
•Отдельные детали полиамида.
•Пружины есть от нержавеющей стали.
•Окончательная обработка, порошковая и жидкая краска.

Spoljašnja strana ručice
External side of the handle
Наружная сторона ручки





Unutrašnja strana ručice
Internal side of the handle
Внутренняя сторона ручки



Zatvoren položaj
Close position
Закрытое положение

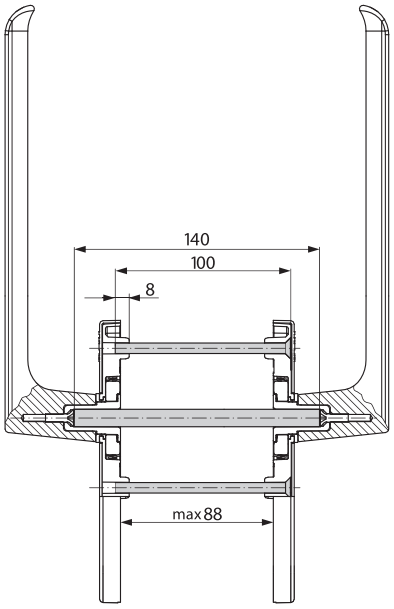
Otvoren položaj
Open position
Открытое положение

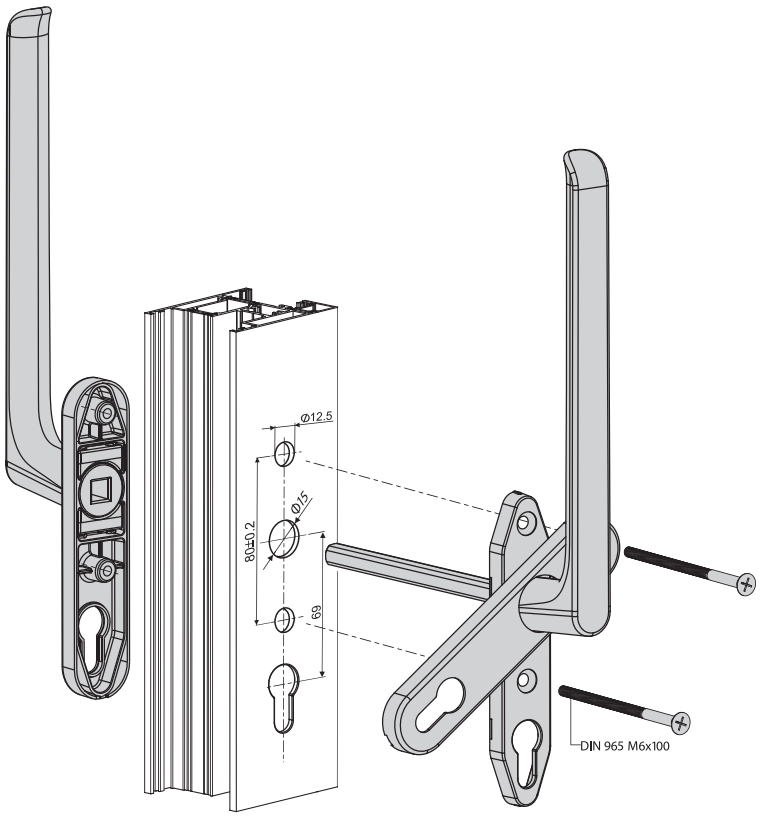
Pogonska ručica za klizne sisteme

Operating handle for sliding systems

Ручка управляющая для раздвижных систем

Montažni crtež
Assembly drawing
Монтажный чертеж





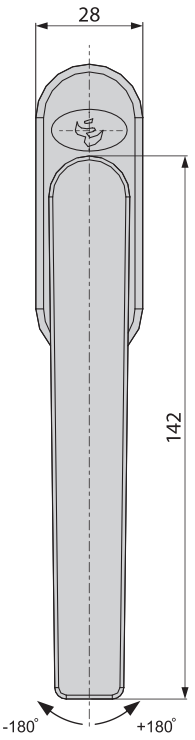
Artikal	□	A	
1113.00	7x7	34	M5x40 DIN 965
1113.10	7x7	55	M5x60 DIN 965

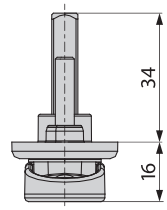
SR / Tehničke informacije:
- Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
- Plastični delovi su od poliamida.
- Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
- Završna obrada, praškasta i tečna prevlaka.

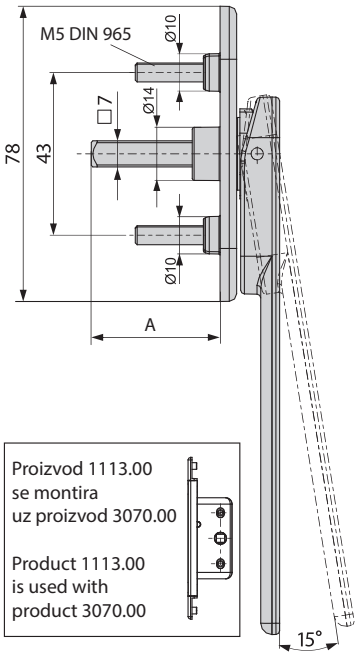
EN / Technical information:
- Made of aluminium alloys and zinc alloy by die-casting.
- Plastic parts are made of polyamide.
- The screws, springs and metal positions of the mechanism are from stainless steel.
- Surface protection powder coating and liquid painting.

RU / Техническая информация:
- Изготовлены из сплавов алюминия и цинка методом литья под высоким давлением.
- Пластиковые детали изготовлены из полиамида.
- Винты, пружины и металлические позиции механизма из нержавеющей стали.
- Окончательная обработка, порошковое и жидкое покрытие.

Ručica za klizno sklapajuće sisteme
Handle for slide and fold systems
Ручка для раздвижных складывающихся систем

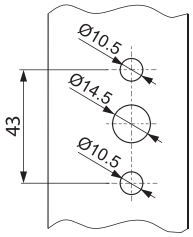




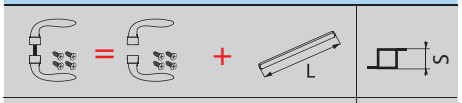


Proizvod 1113.00
se montira
uz proizvod 3070.00

Product 1113.00
is used with
product 3070.00



Kvaka za vrata
Door handle
Дверная ручка

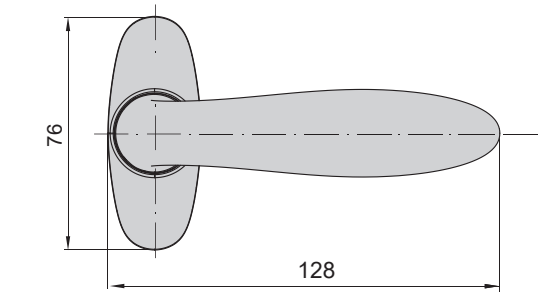


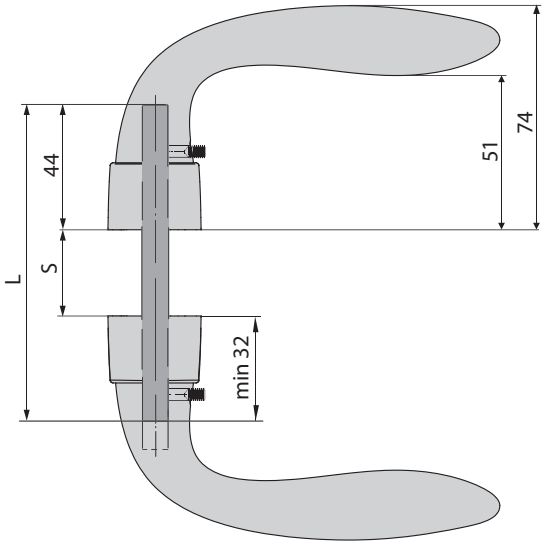
Artikal		☐ 8x8	L (mm)	S (mm)
1032.10	1032.90	1015.90	130	40÷50
1032.00		1015.91	140	50÷60
1032.20		1015.92	160	60÷80
1032.90		/		/

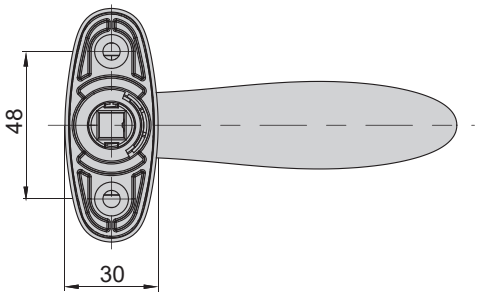
SR / Tehničke informacije:
- Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
- Plastični delovi su od poliamida.
- Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
- Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:
- Made of aluminium alloys and zinc alloy by die-casting.
- Plastic parts are made of polyamide.
- The screws, springs and metal positions of the mechanism are from stainless steel.
- Surface protection powder coating and liquid painting.

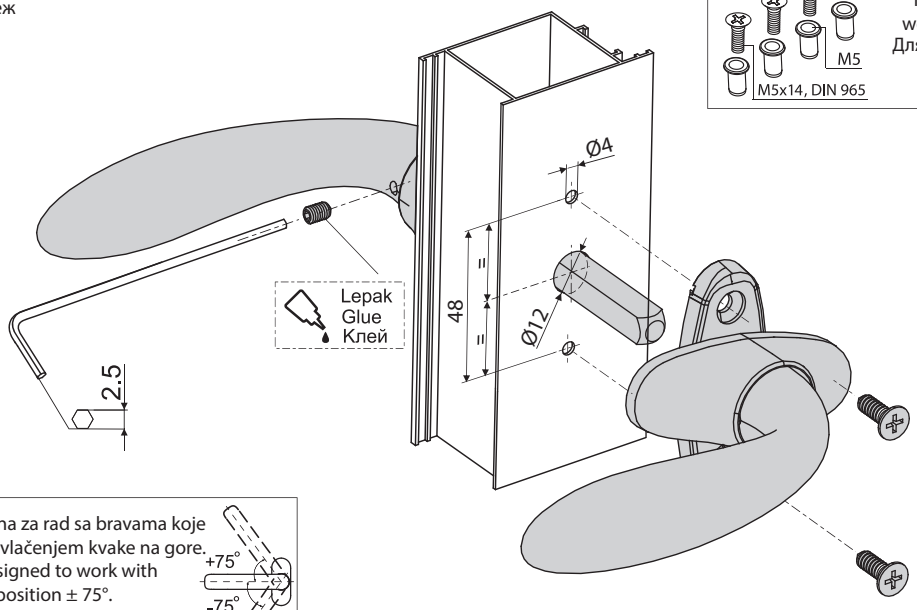
RU / Техническая информация:
- Изготовлены из сплавов алюминия и цинка методом литья под высоким давлением.
- Пластиковые детали изготовлены из полиамида.
- Винты, пружины и металлические позиции механизма из нержавеющей стали.
- Окончательная обработка, порошковое и жидкое покрытие.



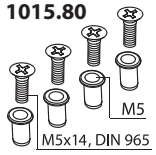




Montažni crtež
Assembly drawing
Монтажный чертеж

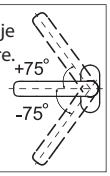


1015.80



Za ugradnju sa rif nitnama preporučujemo otvor Ø7mm.
For installation with rivet nut we recommend a Ø7mm hole.
Для установки с заклепочной гайкой мы рекомендуем отверстие Ø 7мм.

Kvaka je predviđena za rad sa bravama koje se zaključavaju povlačenjem kvake na gore.
Door handle is designed to work with locks which have position ± 75°.
Ручка предусмотрена для замков с положением фиксации вверх.



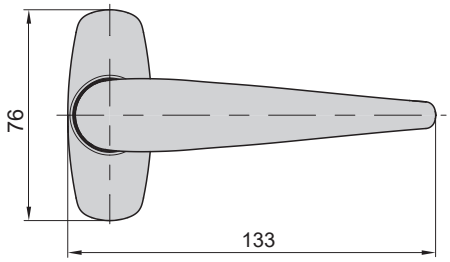
Kvaka za vrata
Door handle
Дверная ручка

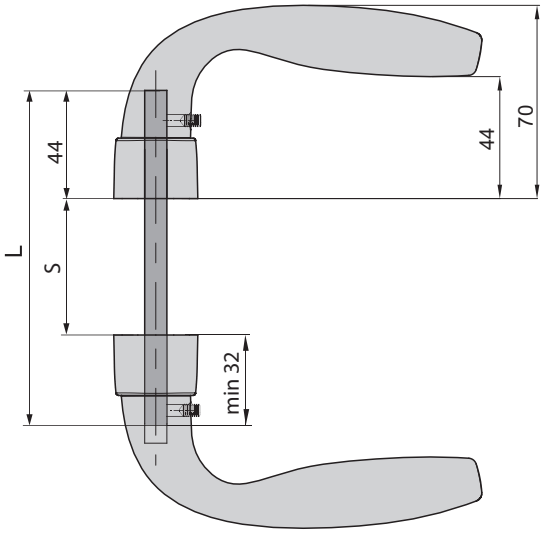
Artikal		☐ 8x8	L (mm)	S (mm)
1042.10	**1042.90**	1015.90	130	40÷50
1042.00		1015.91	140	50÷60
1042.20		1015.92	160	60÷80
1042.90		/		/

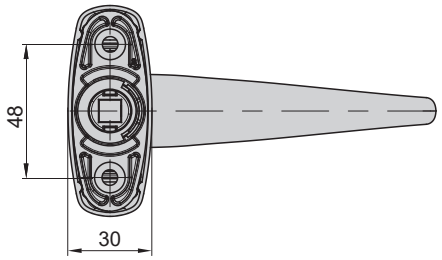
SR / Tehničke informacije:
•Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
•Plastični delovi su od poliamida.
•Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
•Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:
•Made of aluminium alloys and zinc alloy by die-casting.
•Plastic parts are made of polyamide.
•The screws, springs and metal positions of the mechanism are from stainless steel.
•Surface protection powder coating and liquid painting.

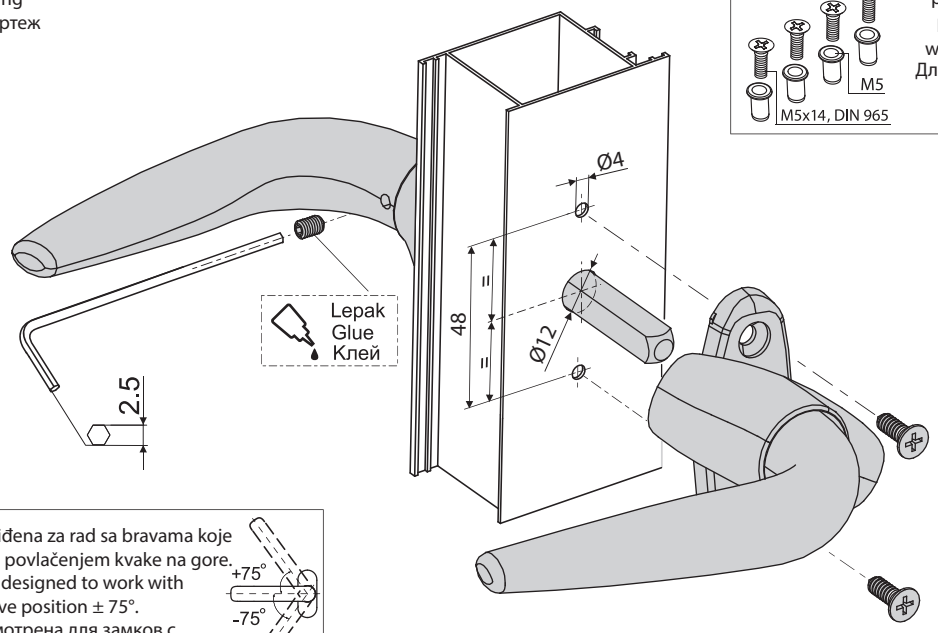
RU / Техническая информация:
•Изготовлены из сплавов алюминия и цинка методом литья под высоким давлением.
•Пластиковые детали изготовлены из полиамида.
•Винты, пружины и металлические позиции механизма из нержавеющей стали.
•Окончательная обработка, порошковое и жидкое покрытие.

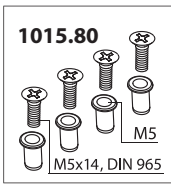




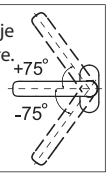


Montažni crtež
Assembly drawing
Монтажный чертеж



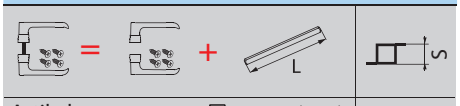


Za ugradnju sa rif nitnama preporučujemo otvor Ø7mm.
For installation with rivet nut we recommend a Ø7mm hole.
Для установки с заклепочной гайкой мы рекомендуем отверстие Ø 7мм.



Kvaka je predviđena za rad sa bravama koje se zaključavaju povlačenjem kvake na gore.
Door handle is designed to work with locks which have position ± 75°.
Ручка предусмотрена для замков с положением фиксации вверх.

Kvaka za vrata
Door handle
Дверная ручка

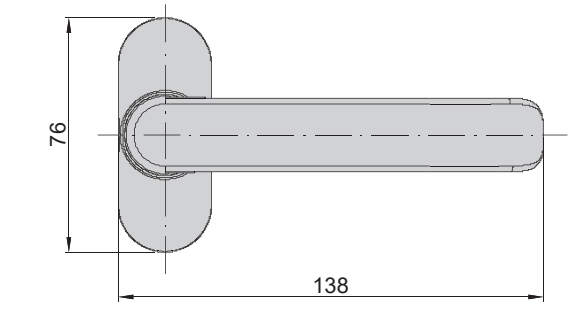


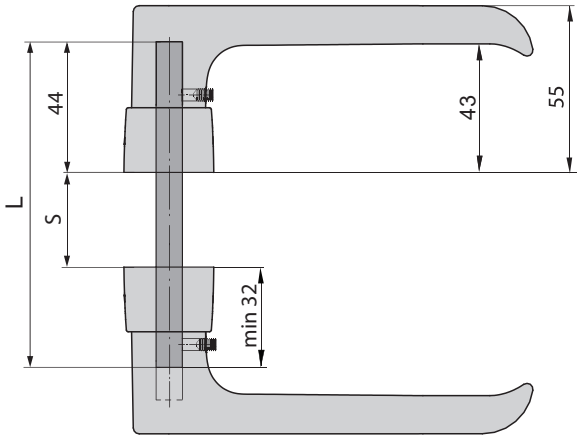
Artikal		☐ 8x8	L (mm)	S (mm)
1132.10	1132.90	1015.90	130	40÷50
1132.00		1015.91	140	50÷60
1132.20		1015.92	160	60÷80
1132.90		/		/

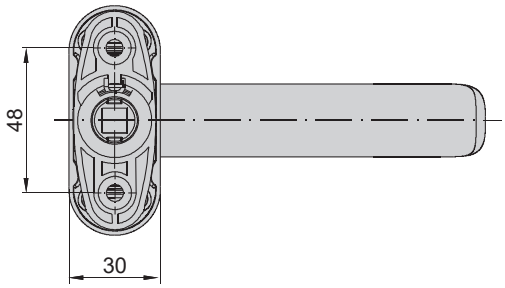
SR / Tehničke informacije:
- Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
- Plastični delovi su od poliamida.
- Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
- Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:
- Made of aluminium alloys and zinc alloy by die-casting.
- Plastic parts are made of polyamide.
- The screws, springs and metal positions of the mechanism are from stainless steel.
- Surface protection powder coating and liquid painting.

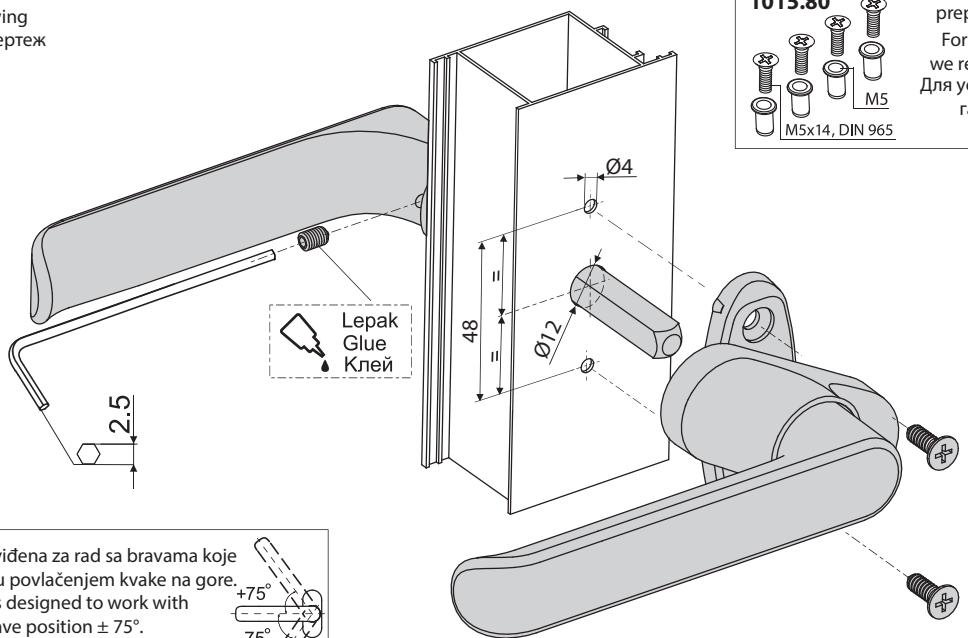
RU / Техническая информация:
- Изготовлены из сплавов алюминия и цинка методом литья под высоким давлением.
- Пластиковые детали изготовлены из полиамида.
- Винты, пружины и металлические позиции механизма из нержавеющей стали.
- Окончательная обработка, порошковое и жидкое покрытие.







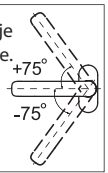
Montažni crtež
Assembly drawing
Монтажный чертеж



1015.80

Za ugradnju sa rif nitnama preporučujemo otvor Ø7mm.
For installation with rivet nut we recommend a Ø7mm hole.
Для установки с заклепочной гайкой мы рекомендуем отверстие Ø 7мм.

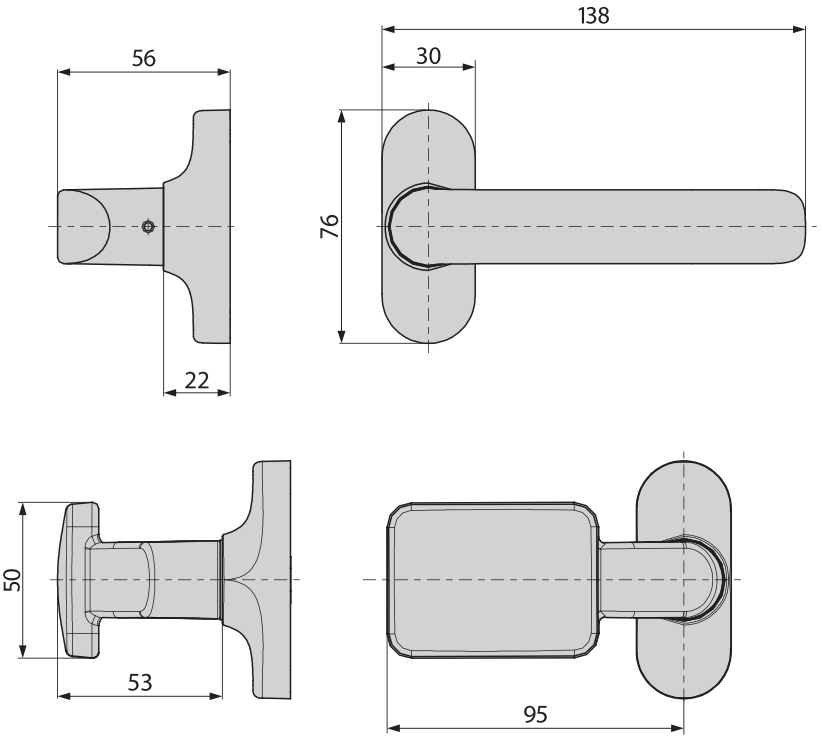
Kvaka je predviđena za rad sa bravama koje se zaključavaju povlačenjem kvake na gore.
Door handle is designed to work with locks which have position ± 75°.
Ручка предусмотрена для замков с положением фиксации вверх.



Povuka-kvaka za vrata

Knob-Door handle

Нажимной гарнитур для ограничения доступа со сдвижной маской



SR / Tehničke informacije:
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- Винты, пружины и металлические позиции механизма из нержавеющей стали.
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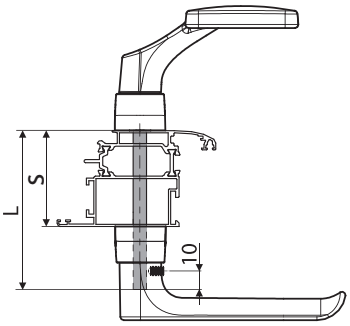
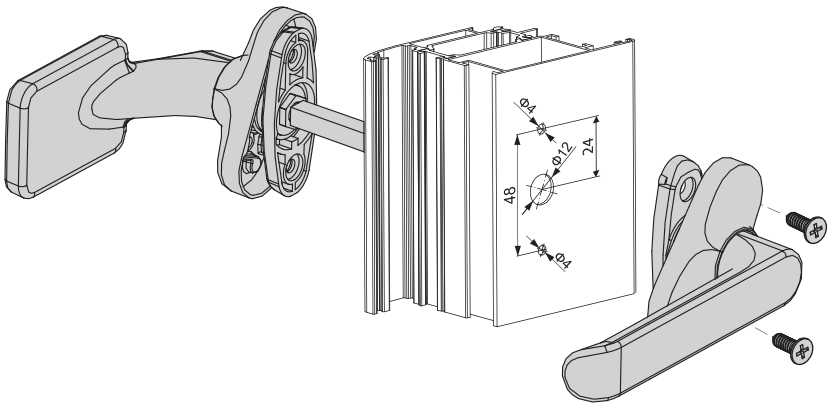
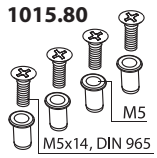


	☐ 8x8	S
Artikal	L (mm)	S (mm)
1128.00	100	55÷70
1128.30	120	70÷90
1128.60	140	90÷105
1128.20	100	55÷70
1128.40	120	70÷90
1128.70	140	90÷105
1128.10	/	/

Montažni crtež
Assembly drawing
Монтажный чертеж



1015.80

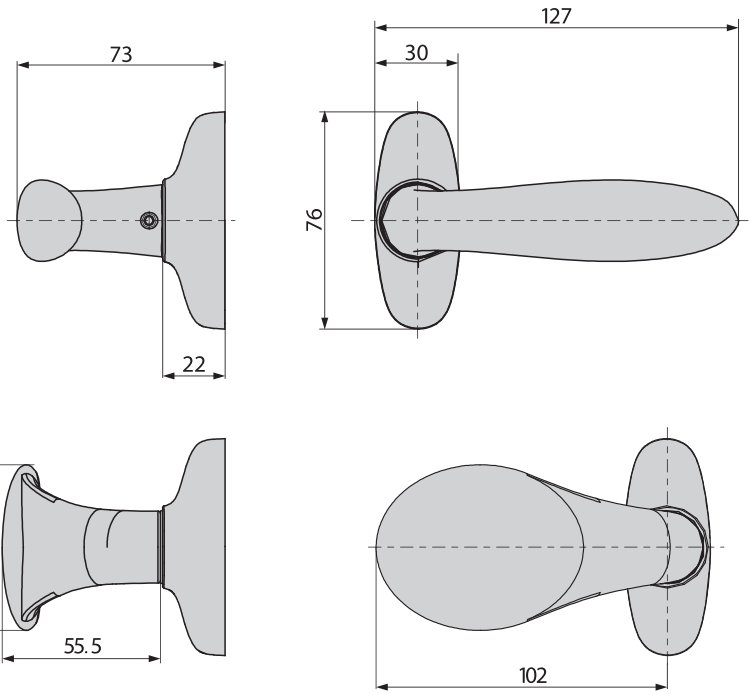


Za ugradnju sa rif nitnama preporučujemo otvor Ø7mm.
For installation with rivet nut we recommend a Ø7mm hole.
Для установки с заклепочной гайкой мы рекомендуем отверстие Ø 7мм.

Povuka-kvaka za vrata

Knob-Door handle

Нажимной гарнитур для ограничения доступа со сдвижной маской



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- Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
- Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:
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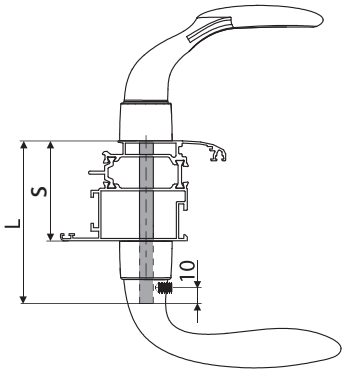
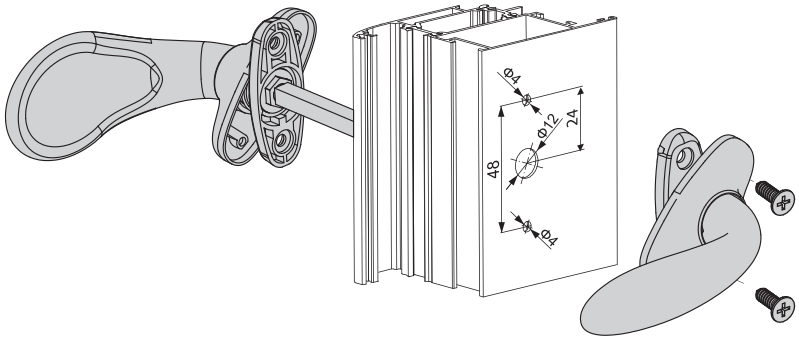
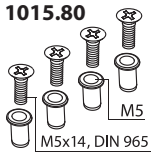


	☐ 8x8	S
Artikal	L (mm)	S (mm)
1129.00	100	55÷70
1129.30	120	70÷90
1129.60	140	90÷105
1129.20	100	55÷70
1129.40	120	70÷90
1129.70	140	90÷105
1129.10	/	/

Montažni crtež
Assembly drawing
Монтажный чертеж



1015.80



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Povuka-kvaka za vrata

Knob-Door handle

Нажимной гарнитур для ограничения доступа со сдвижной маской

	8x8 ⊞	
Artikal	L (mm)	L1 (mm)
1182.00	100	55÷70
1182.10	120	70÷90

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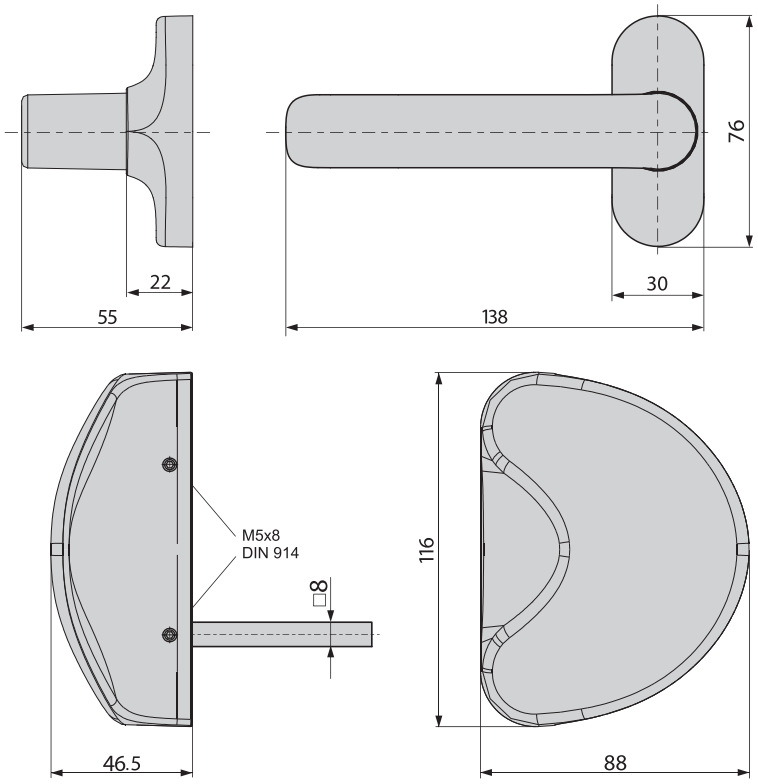
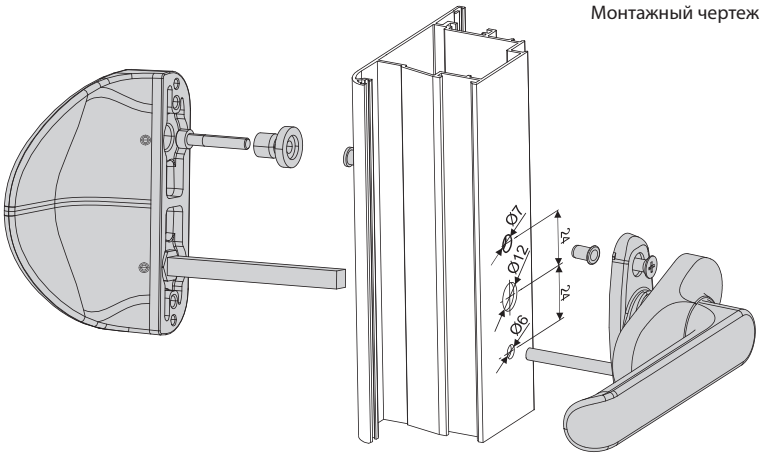
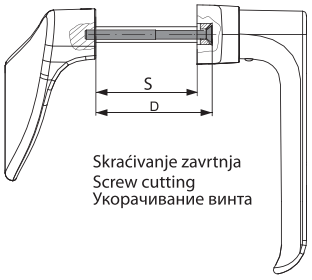
- Окончательная обработка, порошковое и жидкое покрытие.



Montažni crtež
Assembly drawing
Монтажный чертеж



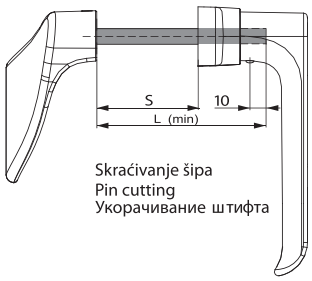


Skraćivanje zavrtnja
Screw cutting
Укорачивание винта

D = S + 14 (mm)

D - Potrebna dužina zavrtnja
D - Required length of screw
D - Требуемая длина винтов

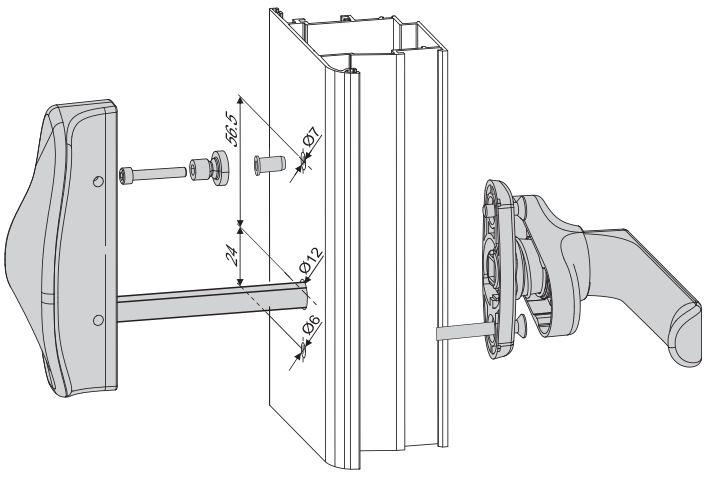
L - Dužina isporučenog šipa (100 ili 120mm)
L - Delivered length of pin (100 or 120mm)
L - Доставленная длина штифта (100 или 120мм)



Skraćivanje šipa
Pin cutting
Укорачивание штифта

L (min)= S + 30 (mm)

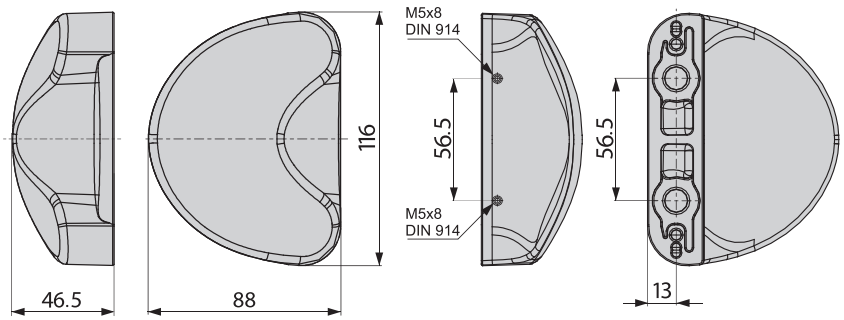
L (min) - Potrebna dužina šipa (minimalna)
L (min) - Required length of pin (minimum)
L (min) - Требуемая длина штифта (минимальная)
S - Širina profila
S - Profile width
S - Ширина профиля



Povuka-povuka za vrata

Knob-knob handle

Ручка-ручка для ограничения доступа для дверей



Artikal

1183.00

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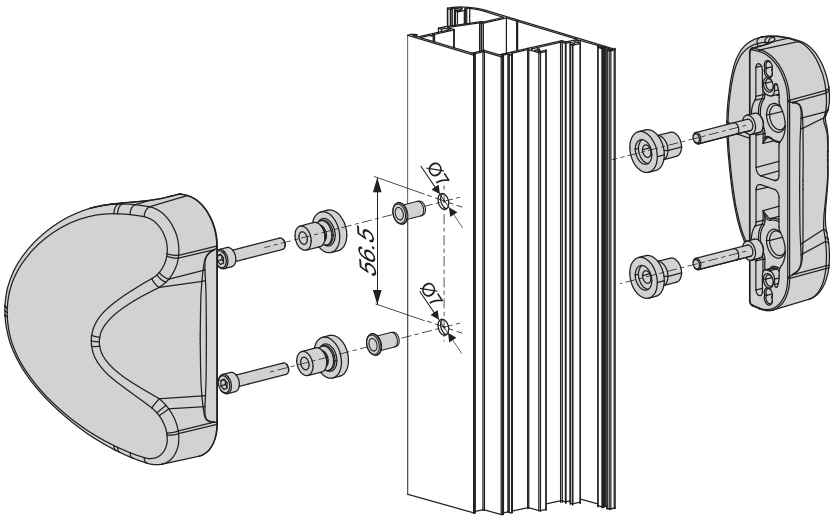
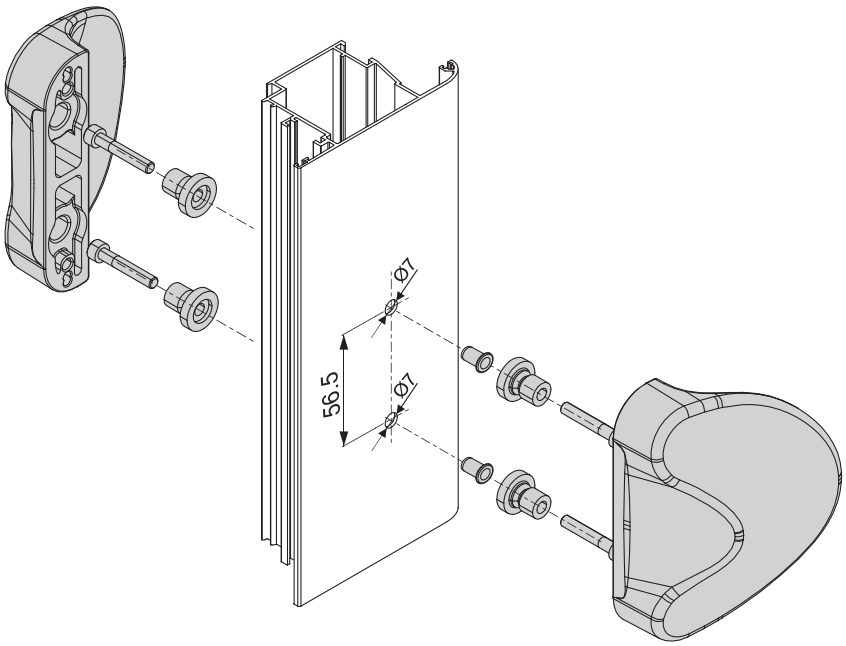
Montažni crtež
Assembly drawing
Монтажный чертеж

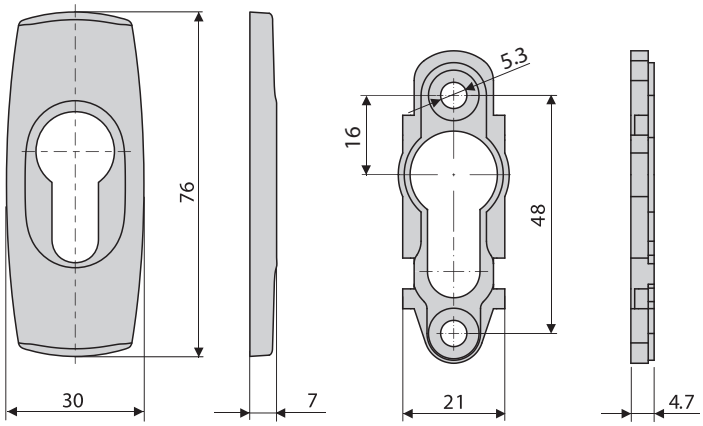


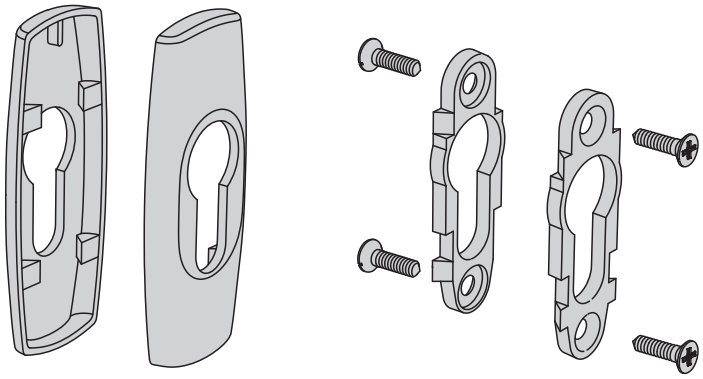


Zaštitnik cilindra-par

Cylinder shield-pair

Накладки на цилиндр-пара





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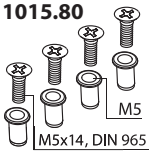
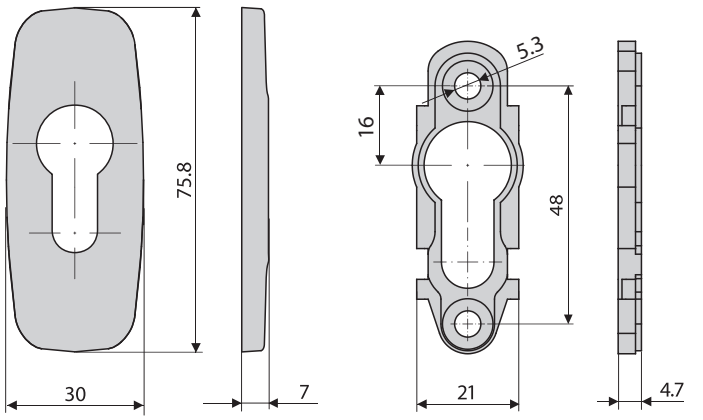
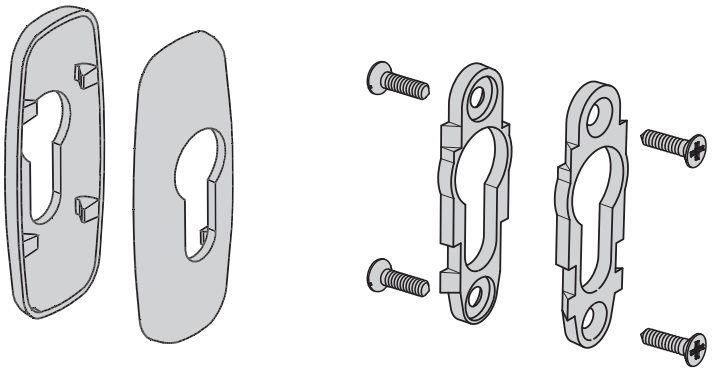
For installation with rivet nut we recommend a Ø7mm hole.
Для установки с заклепочной гайкой мы рекомендуем отверстие Ø 7мм.

1015.80







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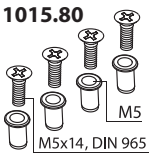

Zaštitnik cilindra-par

Cylinder shield-pair

Накладки на цилиндр-пара

Artikal	A (mm)	B (mm)	C (mm)
1031.02	31	76	6
1031.04	30	76	7.5

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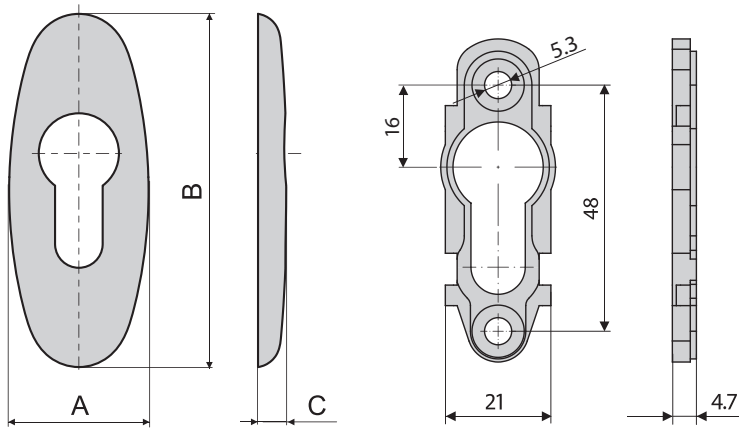

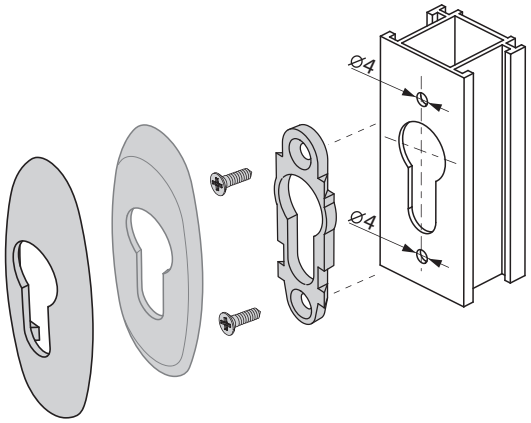

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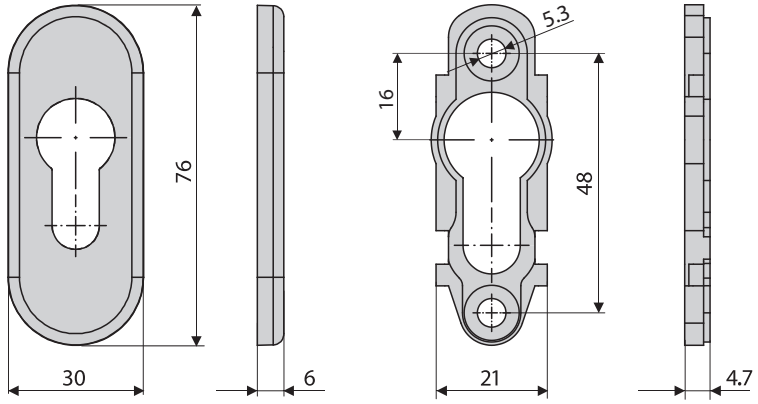

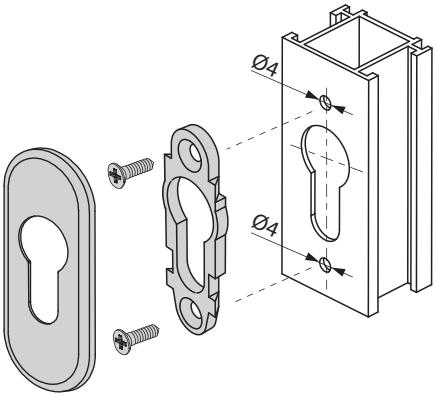

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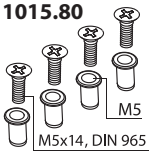
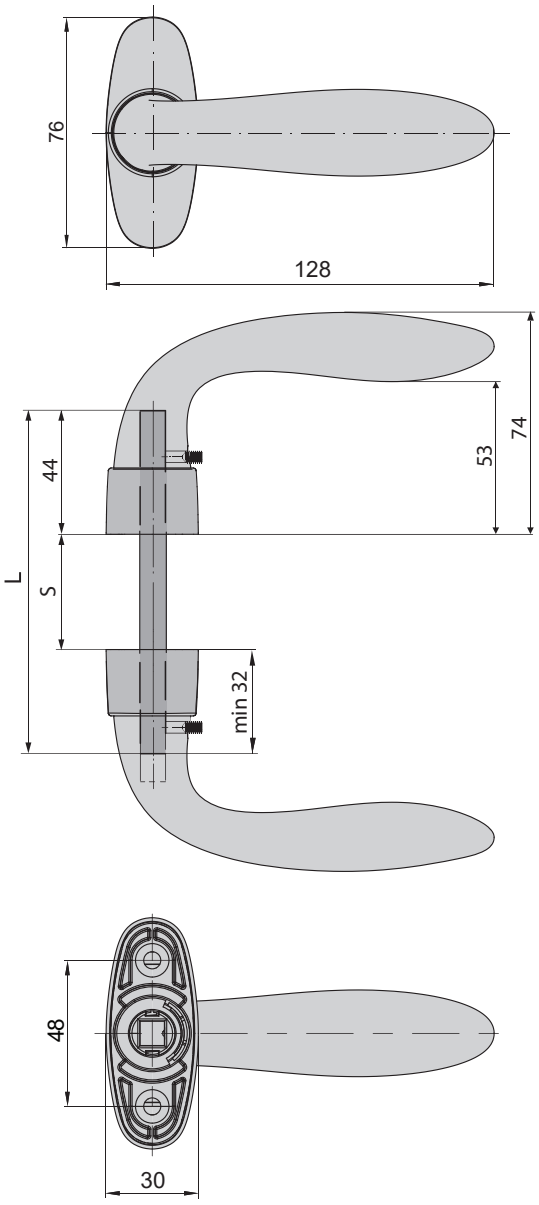
1015.80



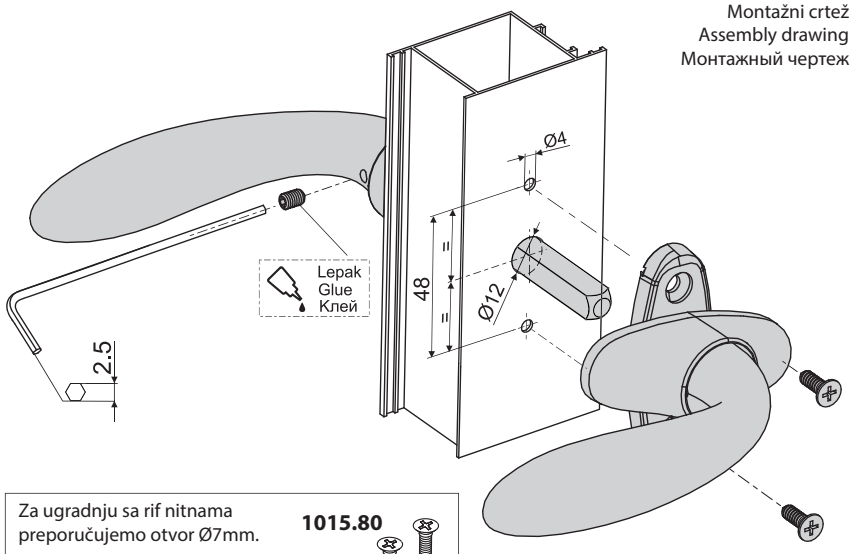
Kvaka za vrata
Door handle
Дверная ручка

Artikal		□ 8x8	L (mm)	S (mm)
1023.00.132	1132.90.132	1015.90	130	40÷50
1023.10.132		1015.91	140	50÷60
1023.20.132		1015.92	160	60÷80
1023.90.132		/		/
1023.00.133	1132.90.133	1015.90	130	40÷50
1023.10.133		1015.91	140	50÷60
1023.20.133		1015.92	160	60÷80
1023.90.133		/		/

Artikal	L	S
1023.01.132	/	/
1023.01.132	/	/



Montažni crtež
Assembly drawing
Монтажный чертеж



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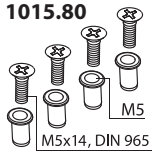
1015.80

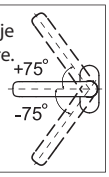


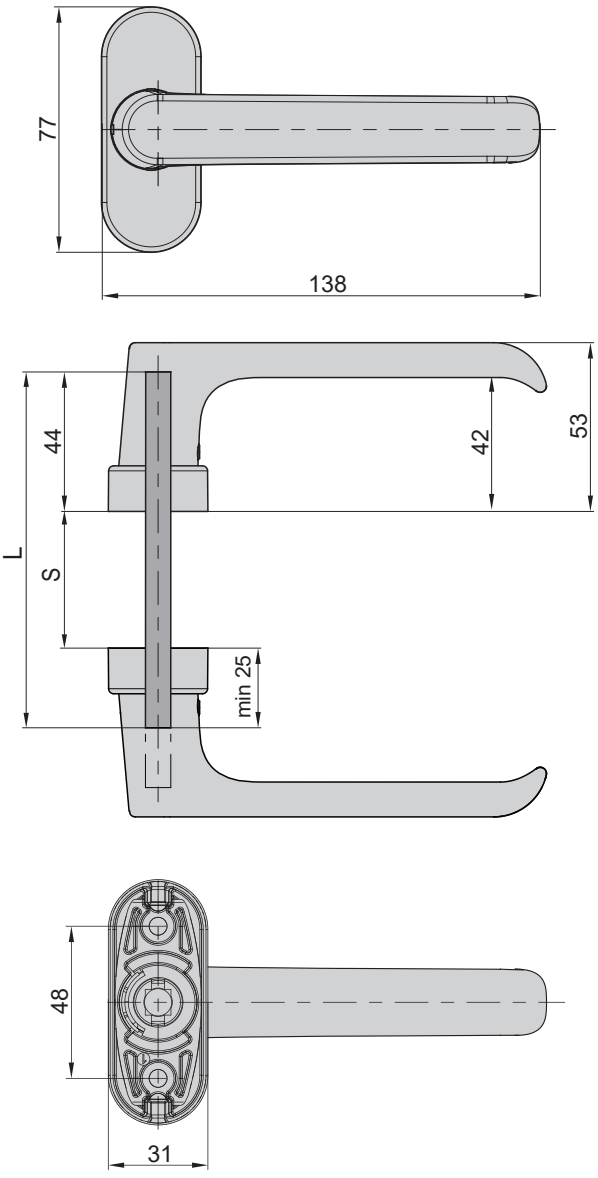
Kvaka za vrata
Door handle
Дверная ручка

Artikal		☐ 8x8	L (mm)	S(mm)
1132.00.132		1015.90	130	40÷50
1132.10.132	1132.90.132	1015.91	140	50÷60
1132.20.132		1015.92	160	60÷80
1132.90.132		/		/

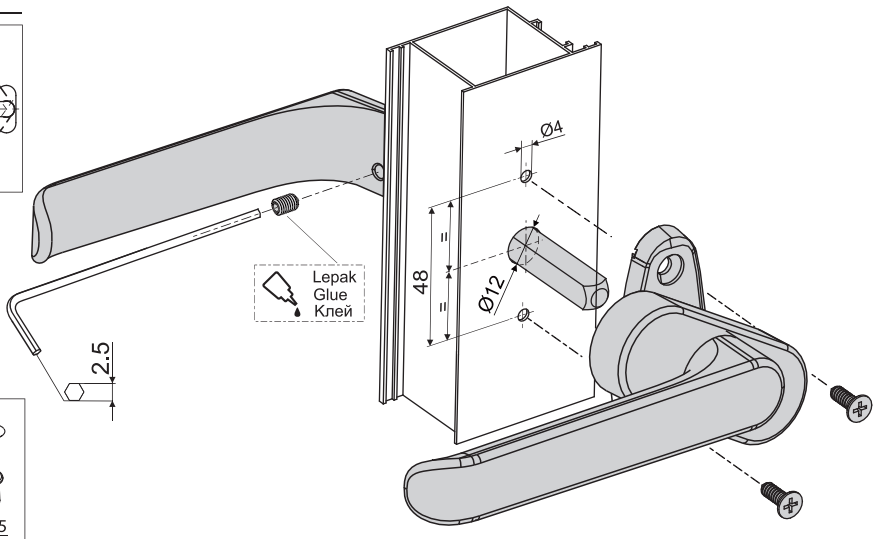
Artikal		☐ 8x8	L (mm)	S(mm)
1132.00.133		1015.90	130	40÷50
1132.10.133	1132.90.133	1015.91	140	50÷60
1132.20.133		1015.92	160	60÷80
1132.90.133		/		/

Kvaka je predviđena za rad sa bravama koje se zaključavaju povlačenjem kvake na gore.
Door handle is designed to work with locks which have position ± 75°.
Ручка предусмотрена для замков с положением фиксации вверх.



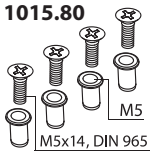


Montažni crtež
Assembly drawing
Монтажный чертеж



Za ugradnju sa rif nitnama preporučujemo otvor Ø7mm.
For installation with rivet nut we recommend a Ø7mm hole.
Для установки с заклепочной гайкой мы рекомендуем отверстие Ø 7мм.

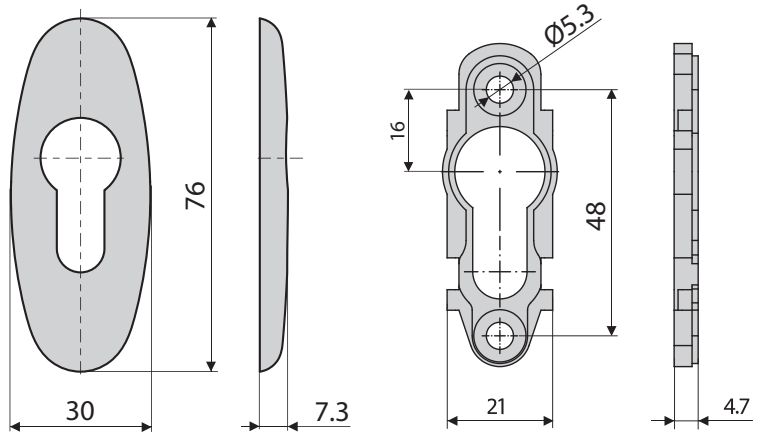
1015.80

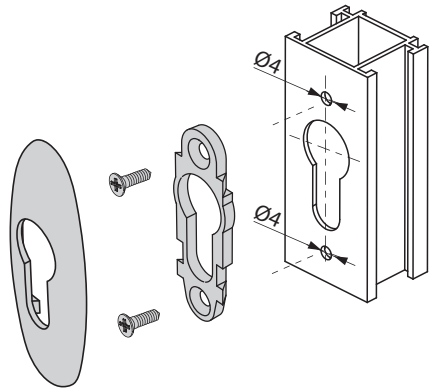


Zaštitnik cilindra-par

Cylinder shield-pair

Накладки на цилиндр-пара





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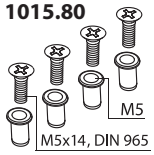

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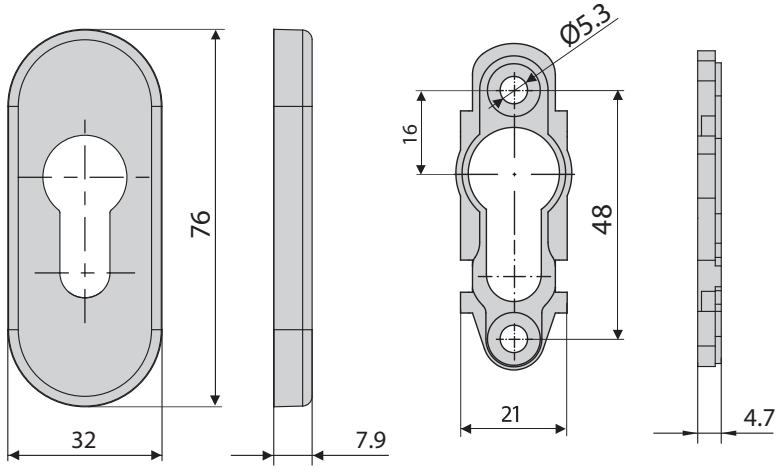

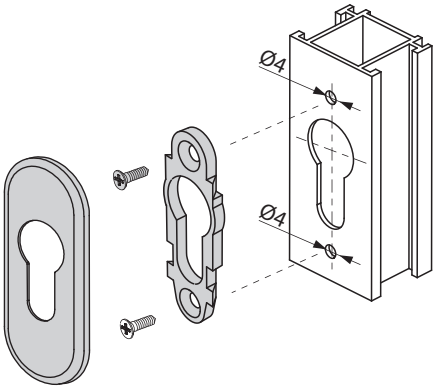

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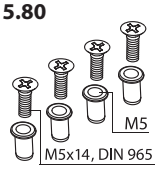
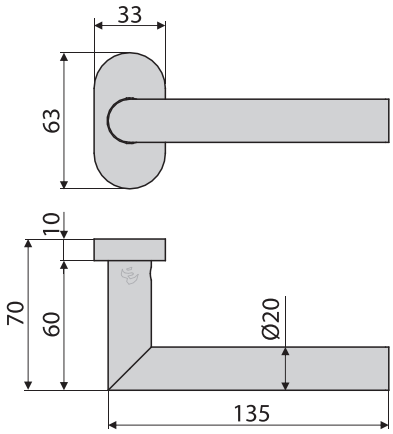


Za ugradnju sa rif nitnama preporučujemo otvor Ø7mm.
For installation with rivet nut we recommend a Ø7mm hole.
Для установки с заклепочной гайкой мы рекомендуем отверстие Ø 7мм.

Kvaka za vrata
Door handle
Дверная ручка

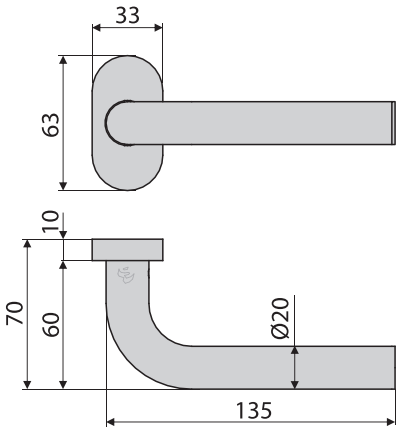
Materijal
Material
Материал
AISI 304 EN.1.4301

Šip
Pin
Штырь
8X8



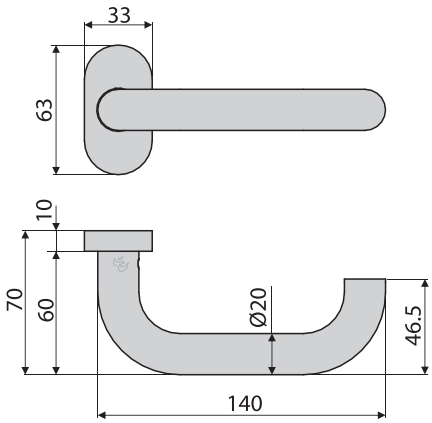
Materijal
Material
Материал
AISI 304 EN.1.4301

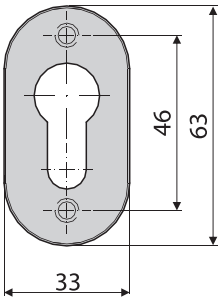
Šip
Pin
Штырь
8X8



Materijal
Material
Материал
AISI 304 EN.1.4301

Šip
Pin
Штырь
8X8





Materijal
Material
Материал
AISI 304 EN.1.4301

Pažnja !!! Proizvođač preporučuje održavanje rukohvata od INOX-a dejonizovanom vodom i pamučnom tkaninom
Attention !!! The manufacturer recommends stainless steel door pull handles maintenance by deionized water and cotton clotch
Внимание !!! Для ухода за ручками из нержавеющей стали, изготовитель рекомендует использовать деионизированную воду и ткань из хлопка

Kvaka za drvena vrata

Handle for the wooden door

Ручка для деревянных дверей

	□8	
Artikal	L (mm)	S (mm)
1123.00	140	max 80

SR / Tehničke informacije:

•Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
•Plastični delovi su od poliamida.
•Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
•Završna obrada, praškasta i tečna prevlaka.

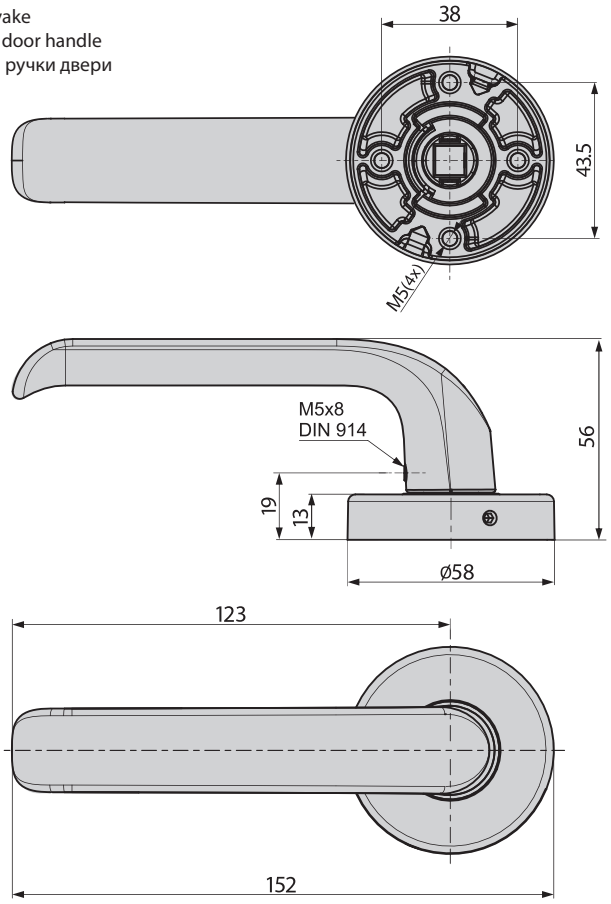
EN / Technical information:

•Made of aluminium alloys and zinc alloy by die-casting.
•Plastic parts are made of polyamide.
•Screws and springs are made out of stainless steel.
•Surface protection powder coating and liquid painting.

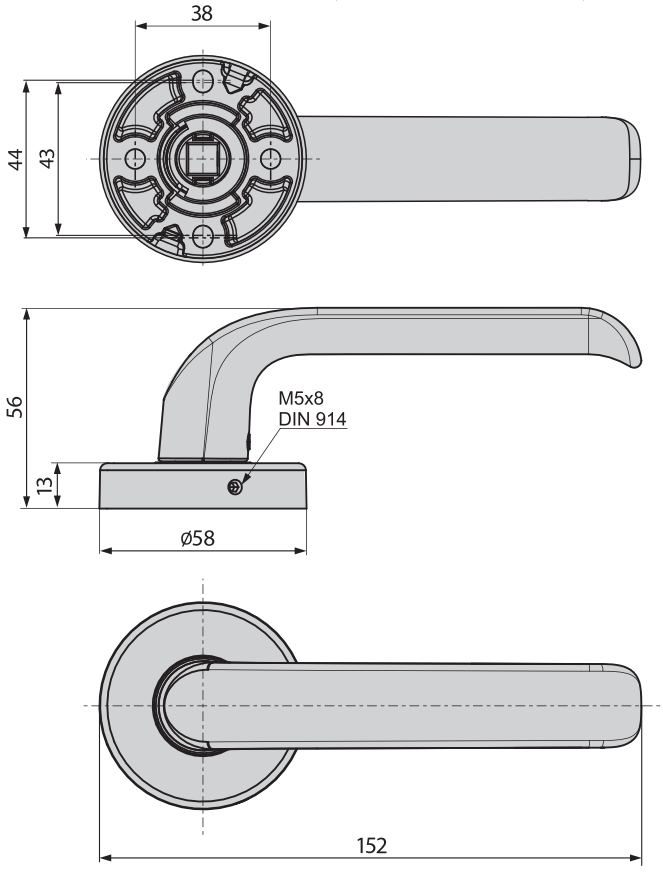
RU / Техническая информация:

•Изготовлена из сплвов алюминия и цинка методом литья под высоким давлением.
•Отдельные детали полиамида.
•Винты и пружины есть от нержавеющей стали.
•Окончательная обработка, порошковая и жидкая краска.

Spoljašnja strana kvake
External side of the door handle
Наружная сторона ручки двери



Unutrašnja strana kvake
Internal side of the door handle
Внутренняя сторона дверной ручки

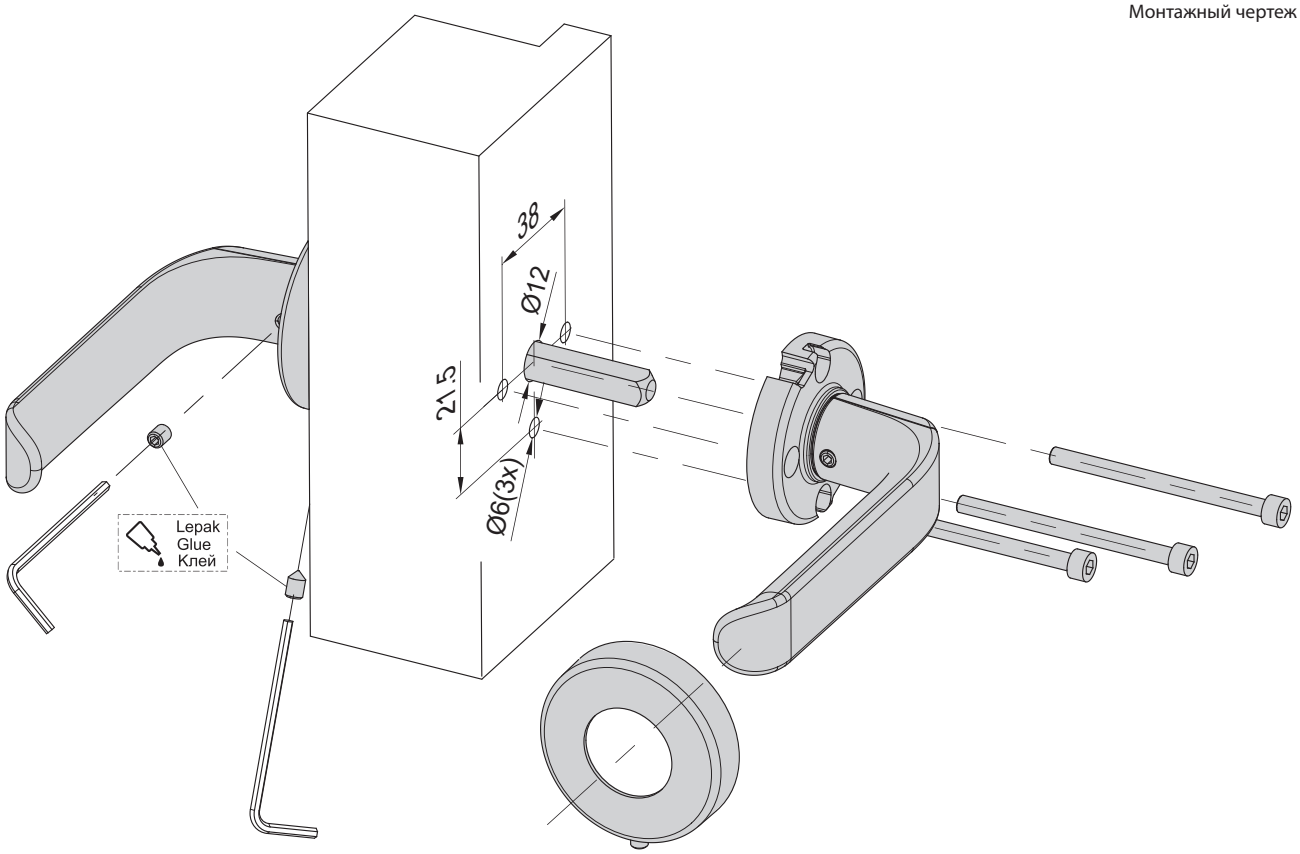


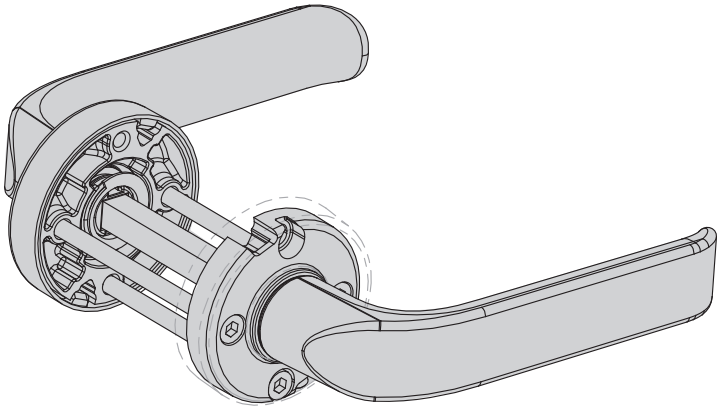
Kvaka za drvena vrata

Handle for the wooden door

Ручка для деревянных дверей

Montažni crtež
Assembly drawing
Монтажный чертеж





Skraćivanje šipa
Pin cutting
Размеры штырь

$L\ (min) = S + 68(min)$

S - Širina drvenih vrata
The width of the wooden door
Ширина деревянной двери

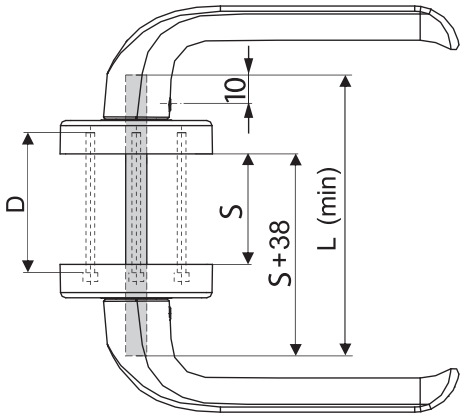
L - Potrebna dužina šipa (minimalna)
Required length of pin (minimum)
Требуемая длина штифта (минимальная)

Skraćivanje zavrtnja
Screw cutting
Укорачивание винта

$D_{(min)} = S + 10(mm)$

$D_{(max)} = S + 115(mm)$

D - Potrebna dužina zavrtnja (minimalna)
Required length of the screw (minimum)
Требуемая длина винта (минимальная)



Povuka-kvaka za vrata

Knob-Door handle

Нажимной гарнитур для ограничения доступа со сдвижной маской

Artikal	□8 L (mm)	L1 (mm)
1196.00	107	

SR / Tehničke informacije:
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- Završna obrada, praškasta i tečna prevlaka.

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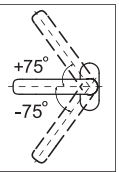
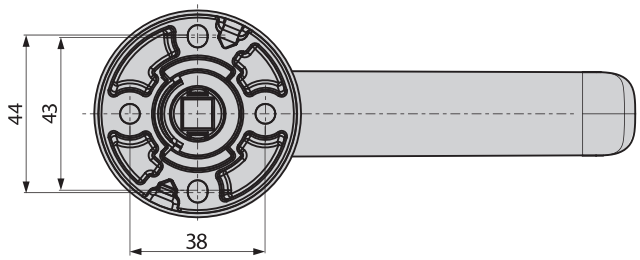
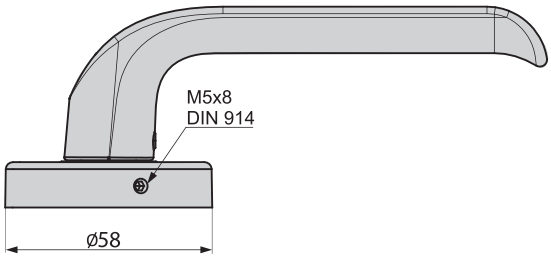
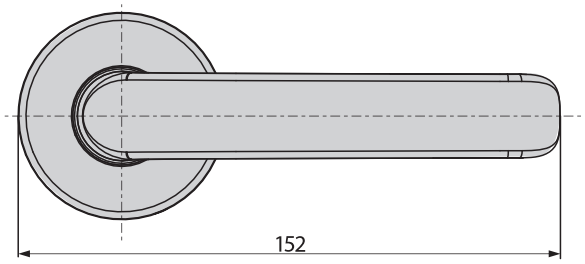
- Винты и пружины есть от нержавеющей стали.
- Окончательная обработка, порошковая и жидкая краска.

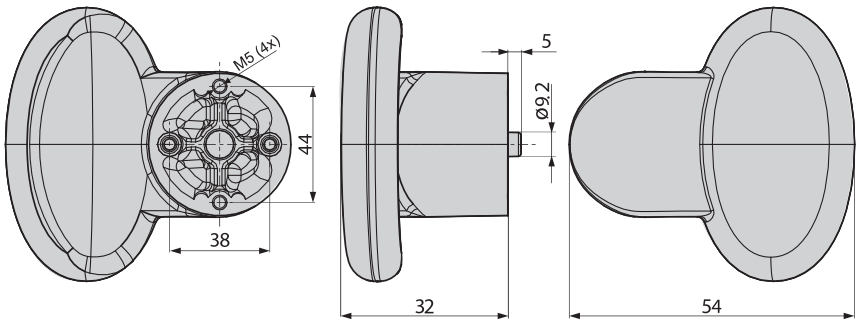
Kvaka je predviđena za rad sa bravama koje se zaključavaju na gore.
Door handle is designed to work with locks which have position ± 75°.
Ручка предусмотрена для замков с положением фиксации вверх.



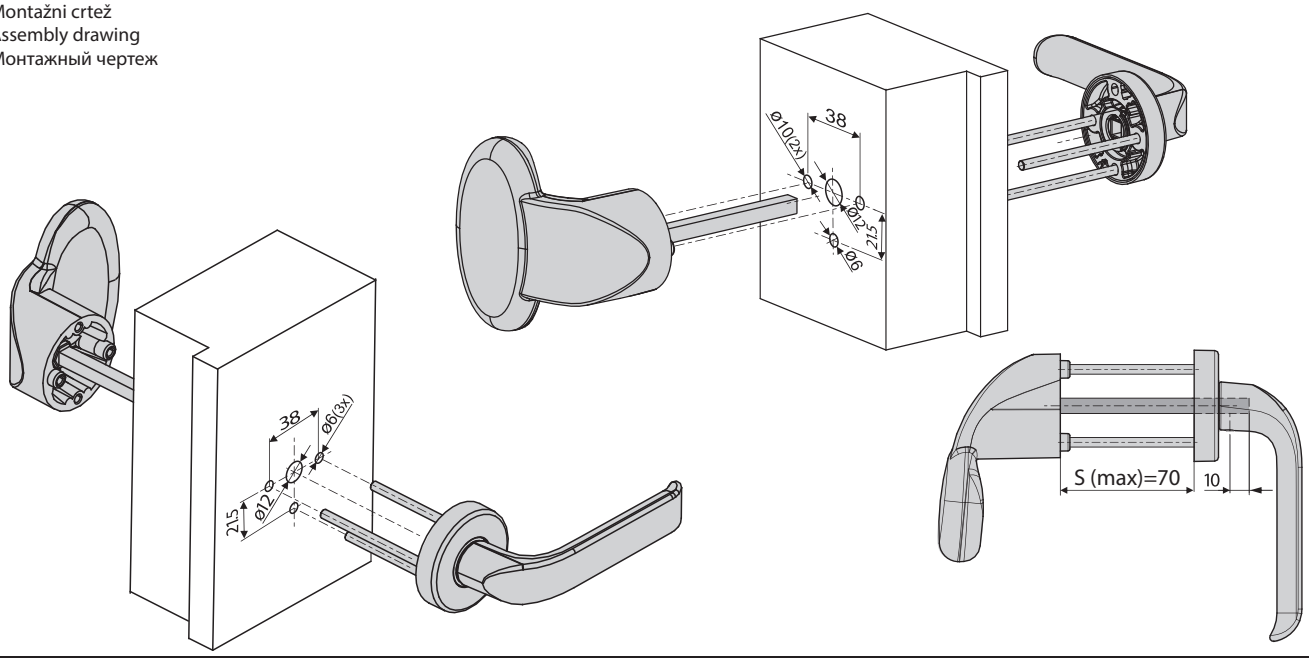








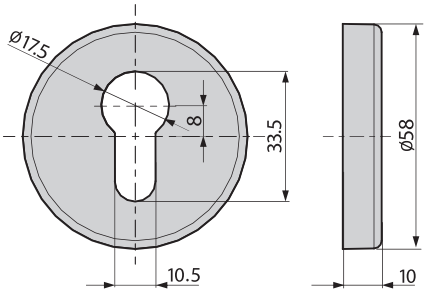
Montažni crtež
Assembly drawing
Монтажный чертеж

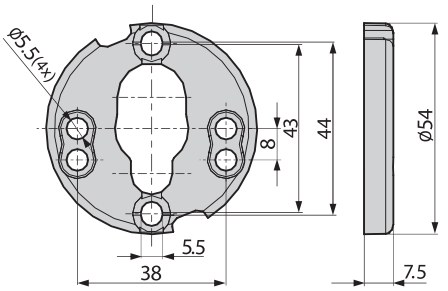


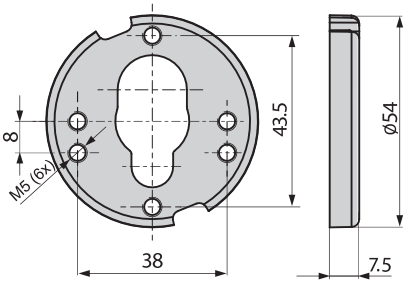
Zaštitnik cilindra-par

Cylinder shield-pair

Накладки на цилиндр-пара







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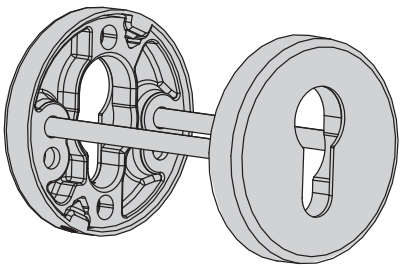
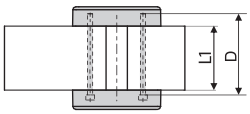
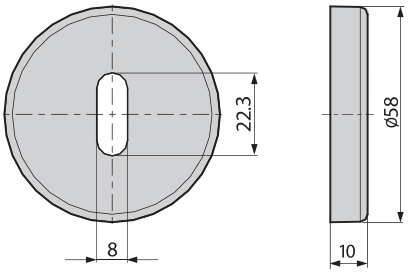


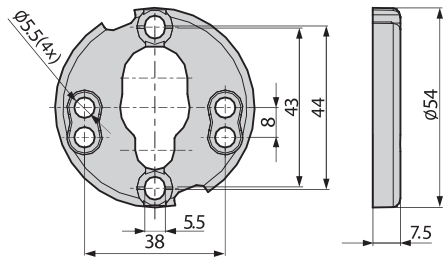
Skraćivanje zavrtnja
Screw cutting
Укорачивание винта

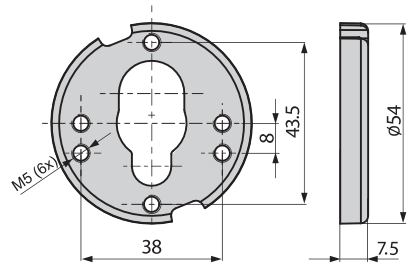
$D_{(min)} = L1 + 7\,(mm)$

$D_{(max)} = L1 + 10\ (mm)$









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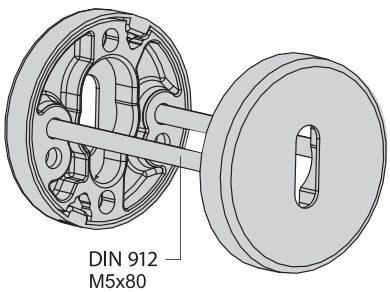
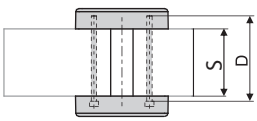
- Окончательная обработка, порошковая и жидкая краска.



Skraćivanje zavrtnja
Screw cutting
Укорачивание винта

$D_{(min)} = S + 7\,(mm)$

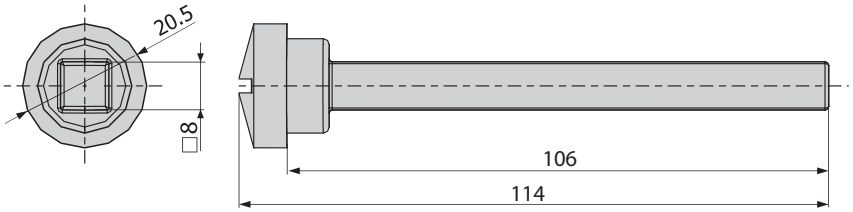
$D_{(max)} = S + 10\,(mm)$



Zaštitnik cilindra-par

Cylinder shield-pair

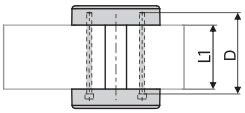
Накладки на цилиндр-пара

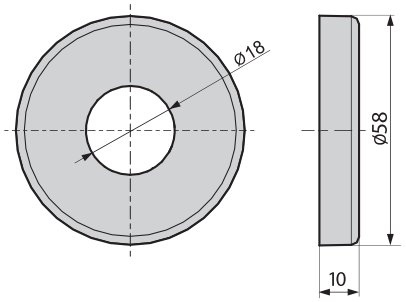


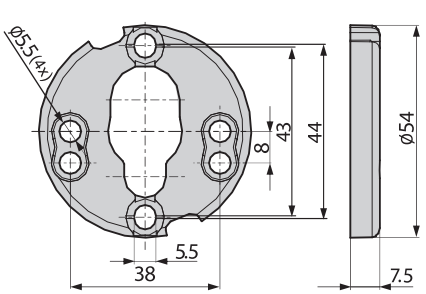
Skraćivanje zavrtnja
Screw cutting
Укорачивание винта

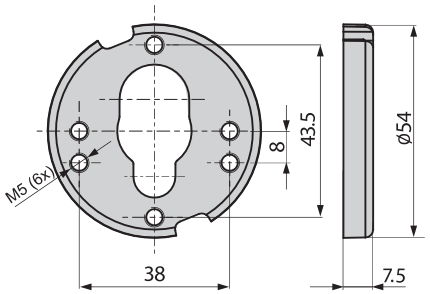
$D_{(min)} = L1 + 7\,(mm)$

$D_{(max)} = L1 + 10\,(mm)$









SR / Tehničke informacije:
- Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
- Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
- Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:
- Made of aluminium alloys and zinc alloy by die-casting.
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- Изготовлена из сплавов алюминия и цинка методом литья под высоким давлением.
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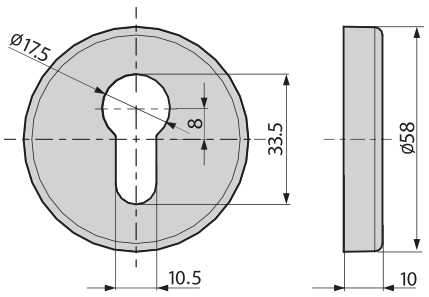
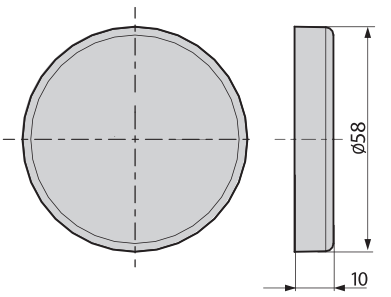
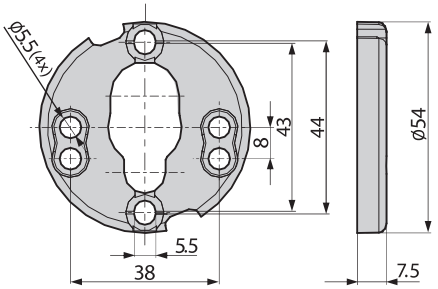
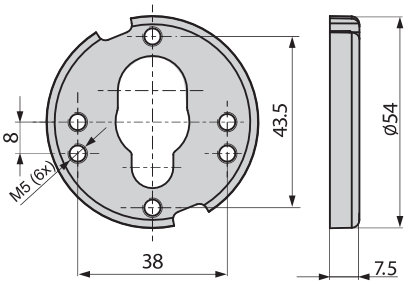
- Окончательная обработка, порошковая и жидкая краска.









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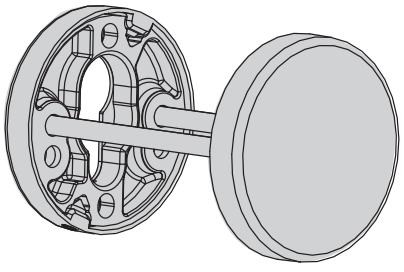
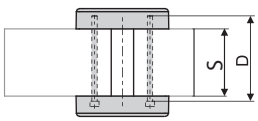


Skraćivanje zavrtnja
Screw cutting
Укорачивание винта

$D_{(min)} = S + 7\,(mm)$

$D_{(max)} = S + 10\,(mm)$



Zaštitnik cilindra-par

Cylinder shield-pair

Накладки на цилиндр-пара

Artikal
1124.40D
1124.40L

SR / Tehničke informacije:

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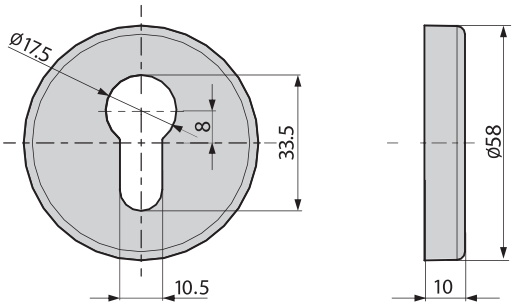
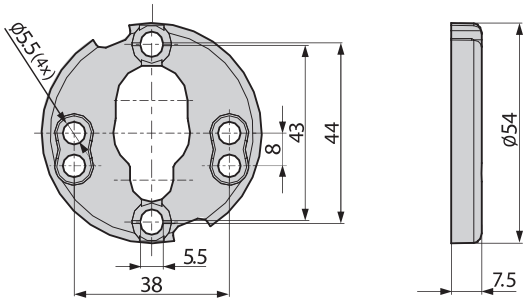
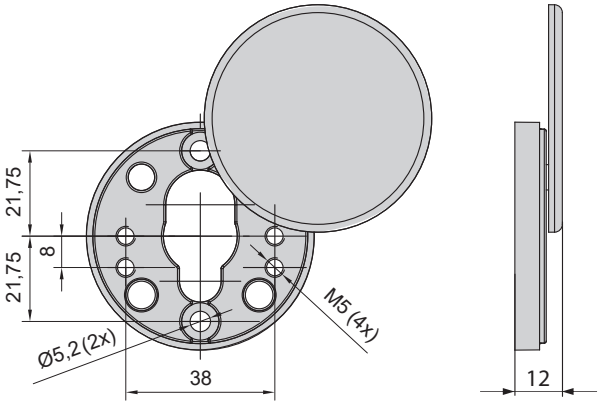
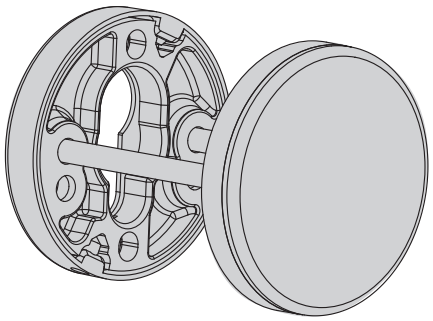
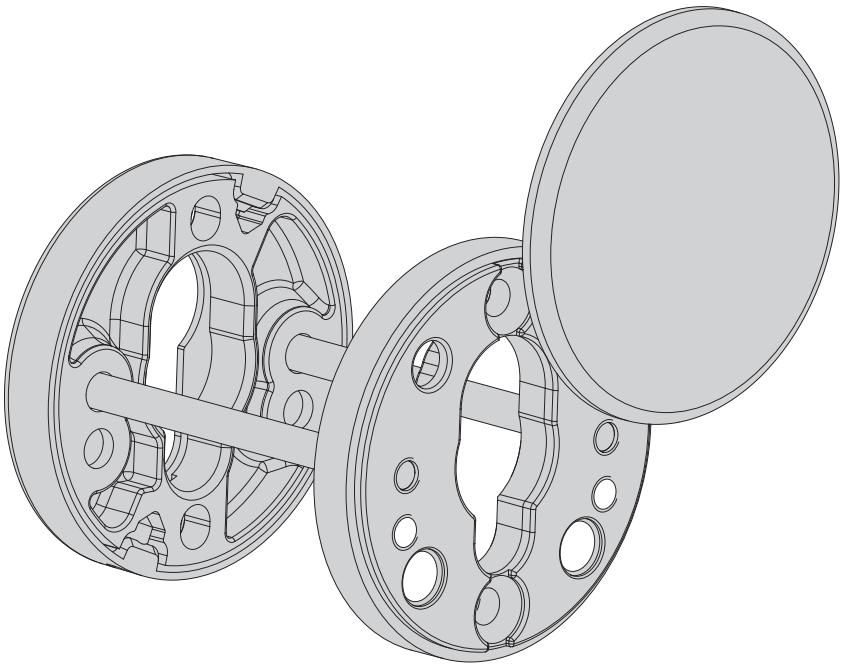


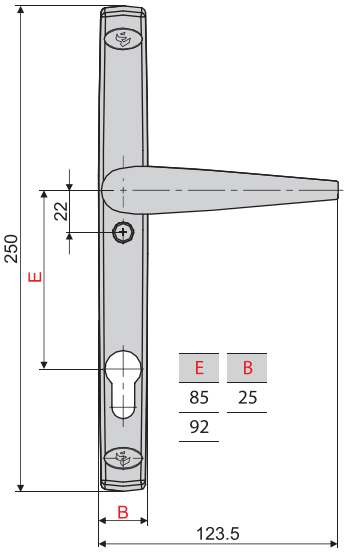


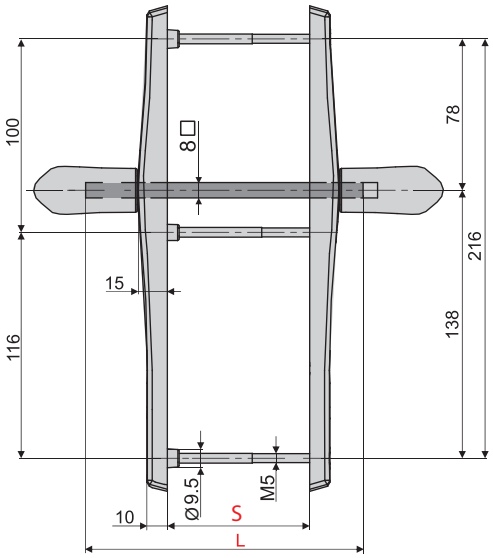






Kvaka za vrata
Door handle
Дверная ручка





			□8	S
Artikal	E (mm)	B (mm)	L (mm)	S (mm)
1021.00	92	25	140	52÷70
1021.10			160	72÷85
1021.20			180	85÷105
1021.90			/	/
1022.00	85	25	140	52÷70
1022.10			160	72÷85
1022.20			180	85÷105
1022.90			/	/

SR / Tehničke informacije:
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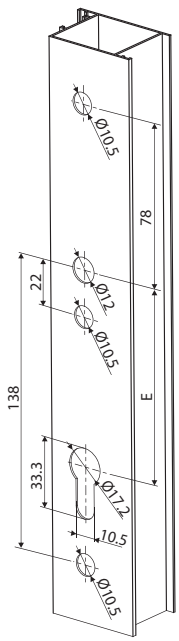
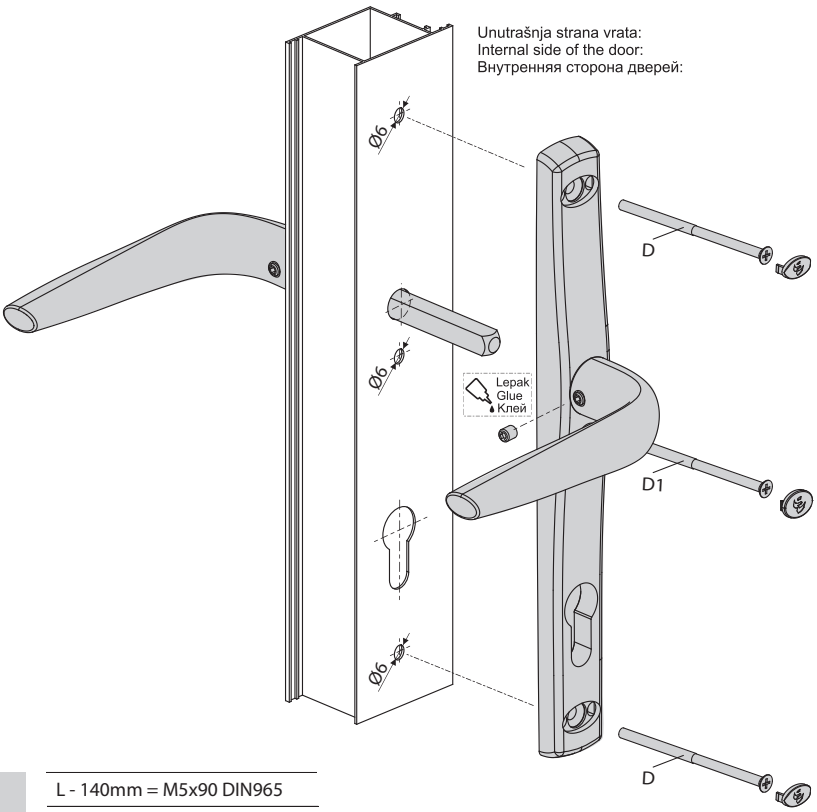
- Отдельные детали полиамида.
- Винты и пружины есть от нержавеющей стали.
- Окончательная обработка, порошковая и жидкая краска.



Spoljašnja strana vrata:
External side of the door:
Наружная сторона дверей:



Unutrašnja strana vrata:
Internal side of the door:
Внутренняя сторона дверей:

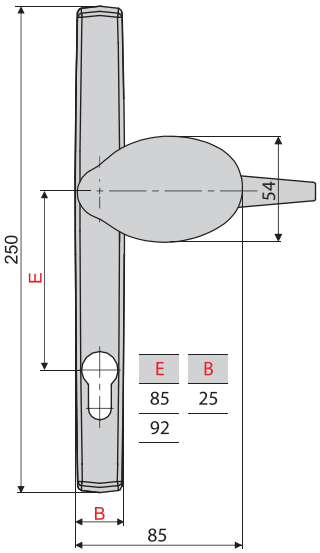
Skraćivanje zavrtnja
Screw cutting
Укорачивание винта

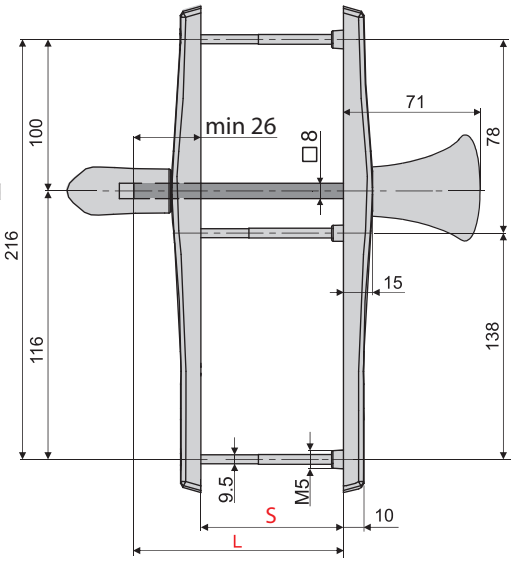
D = S + 5 (mm)	L - 140mm = M5x90 DIN965
D1 = S + 15 (mm)	L - 160mm = M5x100 DIN965
	L - 180mm = M5x120

Povuka-kvaka za vrata

Knob-Door handle

Нажимной гарнитур для ограничения доступа со сдвижной маской





			□8	S
Artikal	E (mm)	B (mm)	L (mm)	S (mm)
1021.01	92	25	100	55÷70
1021.02			120	70÷90
1021.03			140	90÷105
1022.01	85	25	100	55÷70
1022.02			120	70÷90
1022.03			140	90÷105

SR / Tehničke informacije:

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•Plastični delovi su od poliamida.
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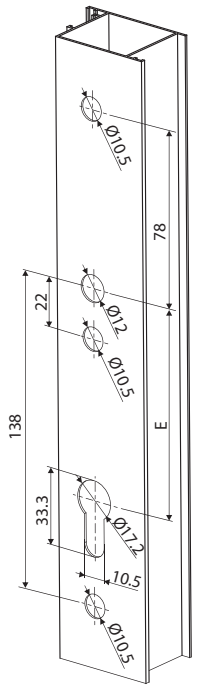
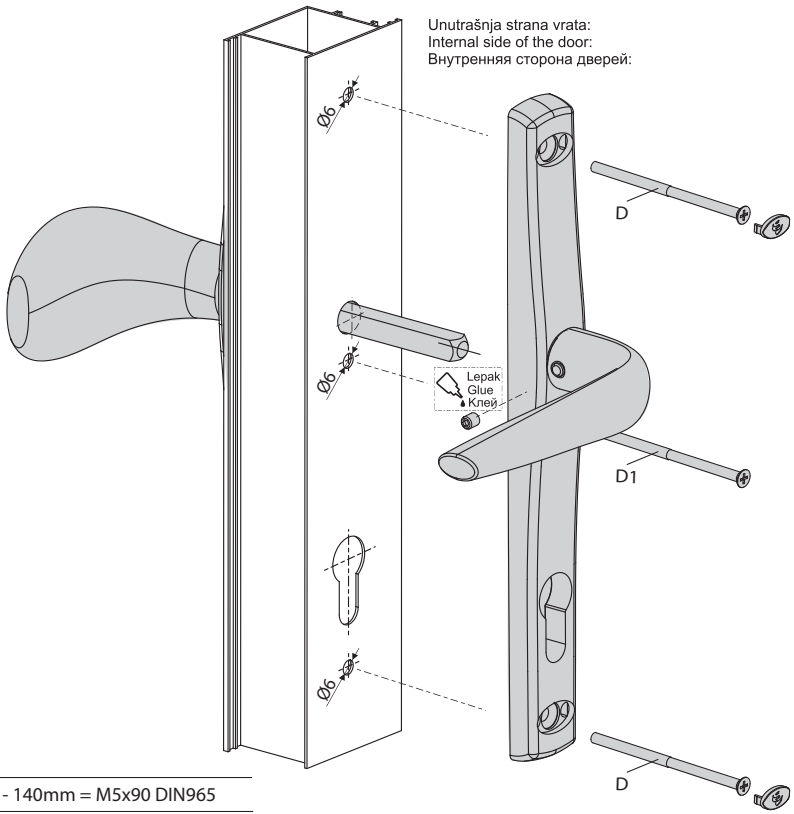


Spoljašnja strana vrata:
External side of the door:
Наружная сторона дверей:

Skraćivanje zavrtnja
Screw cutting
Укорачивание винта

D = S + 5 (mm)

D1 = S + 15 (mm)



Unutrašnja strana vrata:
Internal side of the door:
Внутренняя сторона дверей:

L - 140mm = M5x90 DIN965

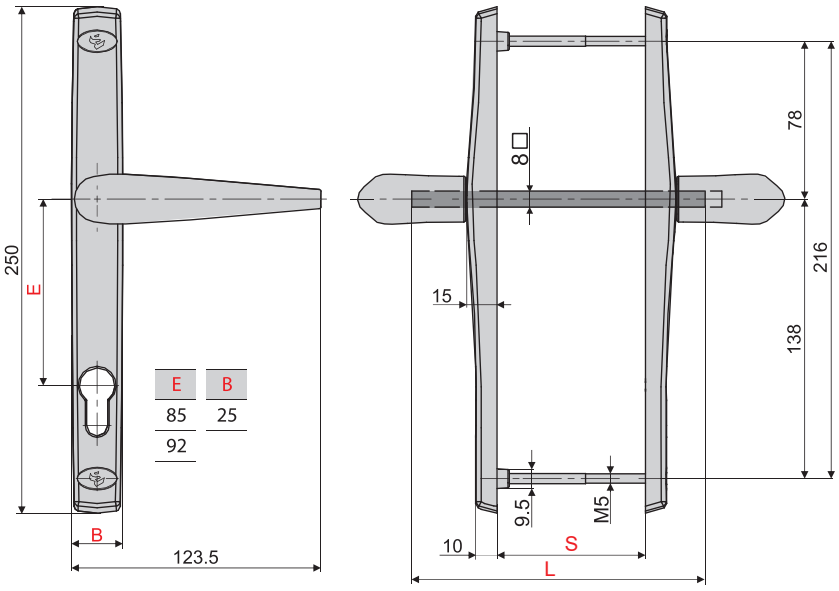
L - 160mm = M5x100 DIN965

L - 180mm = M5x120

Kvaka za vrata

Door handle

Дверная ручка



			□ 8x8	S
Artikal	E (mm)	B (mm)	L (mm)	S (mm)
1121.00	92	25	140	52÷70
1121.10			160	72÷85
1121.20			180	85÷105
1121.90			/	/
1122.00	85	25	140	52÷70
1122.10			160	72÷85
1122.20			180	85÷105
1122.90			/	/

SR / Tehničke informacije:

•Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
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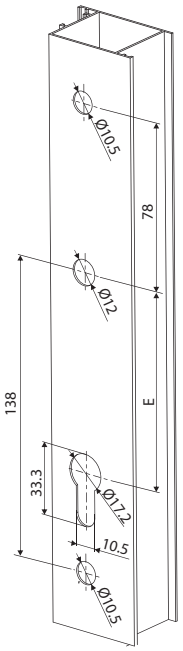
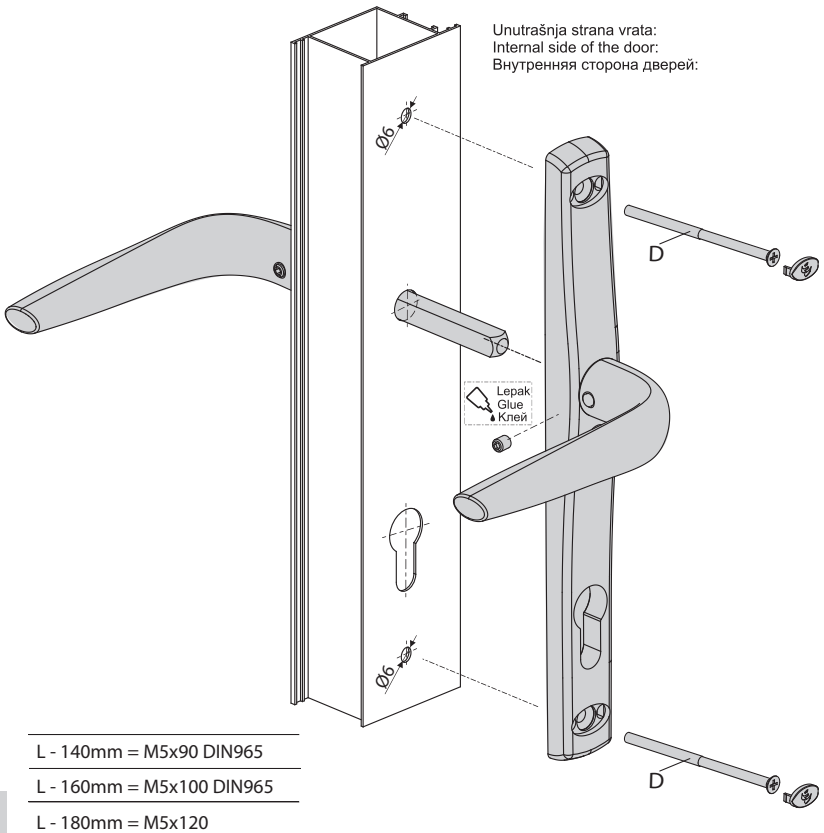


Spoljašnja strana vrata:
External side of the door:
Наружная сторона дверей:

Skraćivanje zavrtnja
Screw cutting
Укорачивание винта

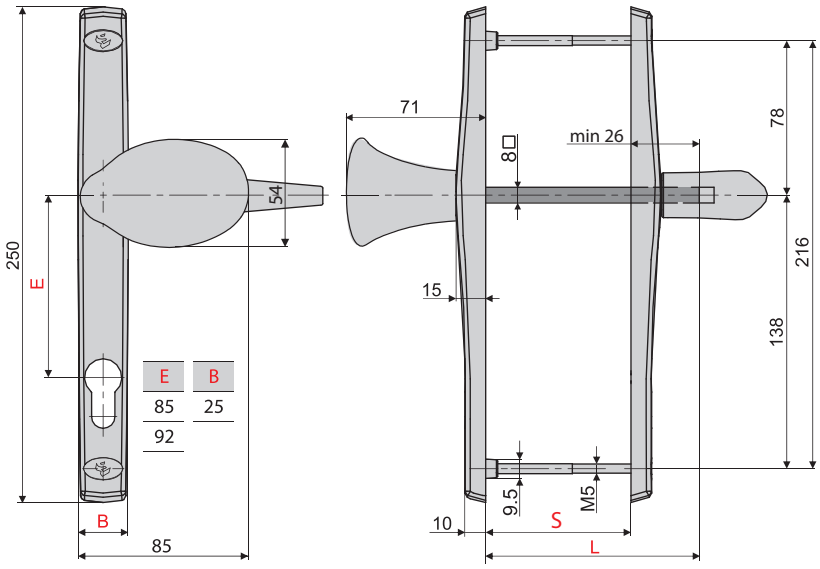
D = S + 5 (mm)



Unutrašnja strana vrata:
Internal side of the door:
Внутренняя сторона дверей:

L - 140mm = M5x90 DIN965
L - 160mm = M5x100 DIN965
L - 180mm = M5x120

Povuka-kvaka za vrata
Knob-Door handle
Нажимной гарнитур для ограничения доступа со сдвижной маской



			□ 8	S
Artikal	E (mm)	B (mm)	L (mm)	S (mm)
1121.01	92	25	100	55÷70
1121.02			120	70÷90
1121.03			140	90÷105
1122.01	85	25	100	55÷70
1122.02			120	70÷90
1122.03			140	90÷105

SR / Tehničke informacije:
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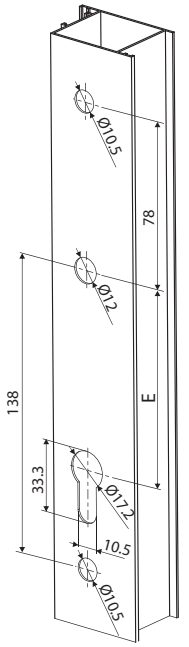
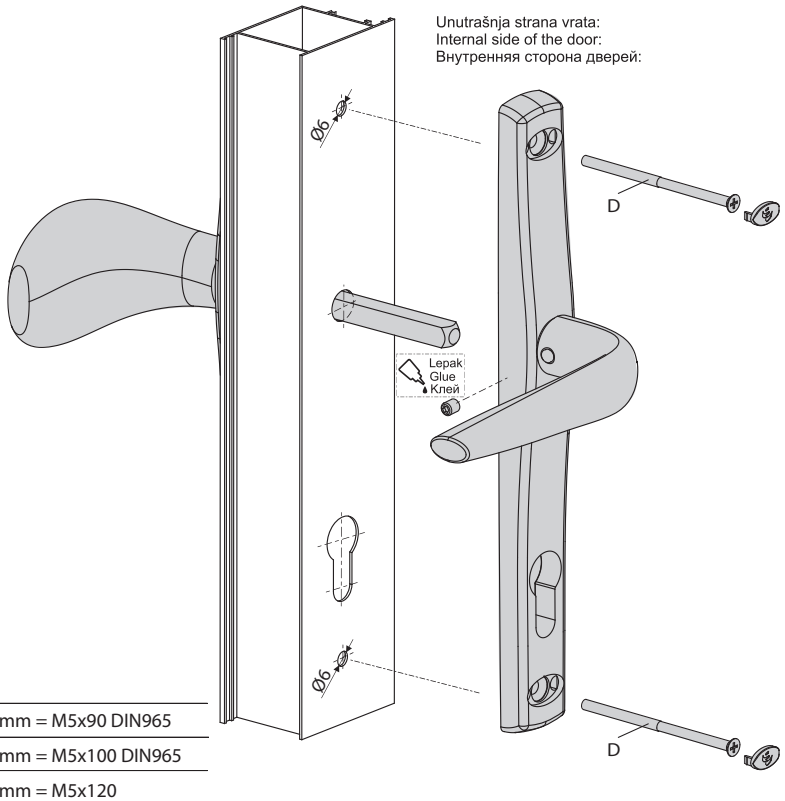


Spoljašnja strana vrata:
External side of the door:
Наружная сторона дверей:

Skraćivanje zavrtnja
Screw cutting
Укорачивание винта

D = S + 5 (mm)

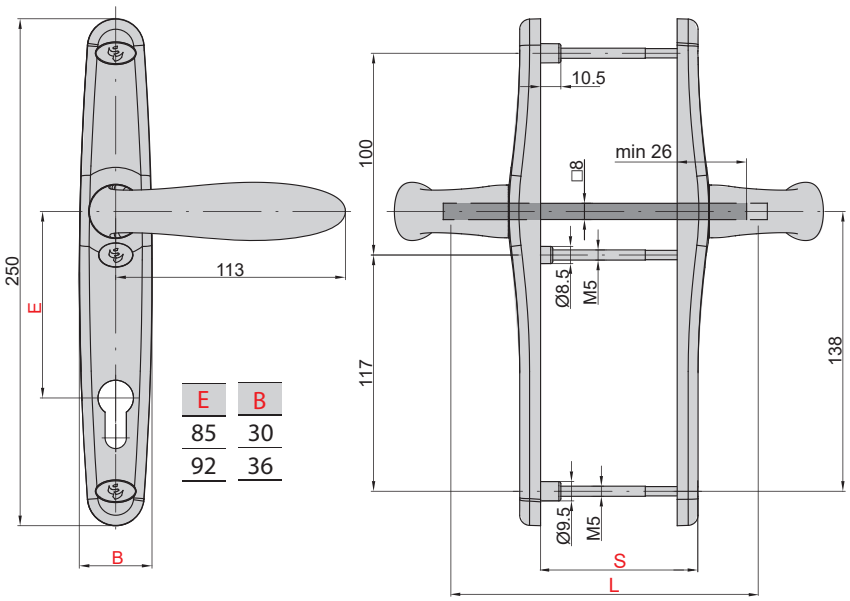


Unutrašnja strana vrata:
Internal side of the door:
Внутренняя сторона дверей:

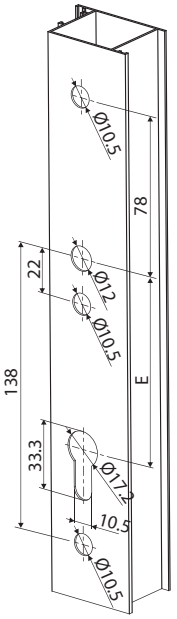
L - 140mm = M5x90 DIN965
L - 160mm = M5x100 DIN965
L - 180mm = M5x120

Kvaka za vrata
Door handle
Дверная ручка

Artikal	E (mm)	B (mm)	L (mm)	S (mm)
1025.00	92	36	140	52÷70
1025.10			160	72÷85
1025.20			180	85÷105
1025.90			/	/
1076.00		30	140	52÷70
1076.10			160	72÷85
1076.20			180	85÷105
1076.90			/	/
1026.00	85	36	140	52÷70
1026.10			160	72÷85
1026.20			180	85÷105
1026.90			/	/
1077.00		30	140	52÷70
1077.10			160	72÷85
1077.20			180	85÷105
1077.90			/	/

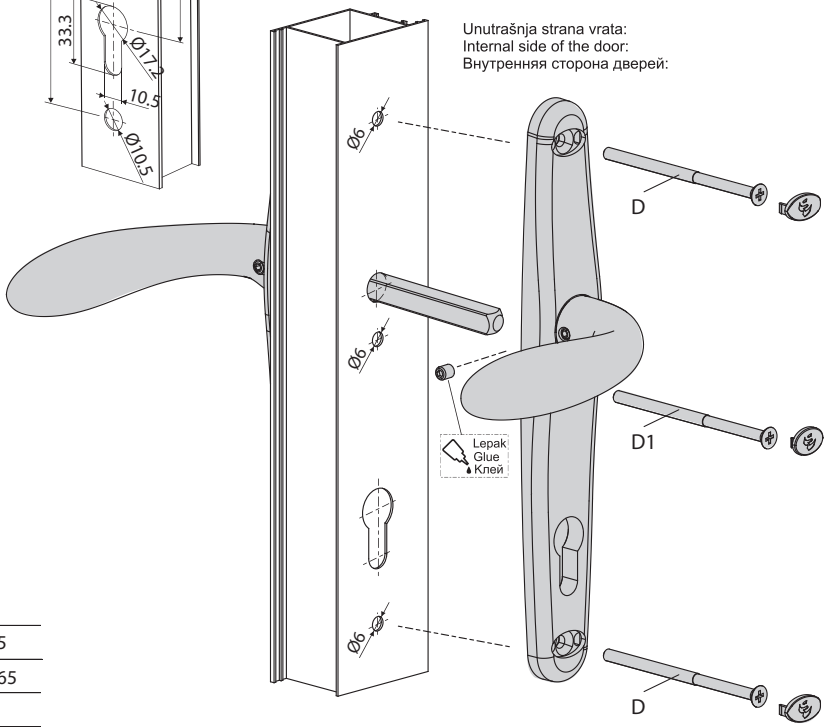


E	B
85	30
92	36



Spoljašnja strana vrata:
External side of the door:
Наружная сторона дверей:

Unutrašnja strana vrata:
Internal side of the door:
Внутренняя сторона дверей:



SR / Tehničke informacije:
- Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
- Plastični delovi su od poliamida.
- Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
- Završna obrada, praškasta i tečna prevlaka.

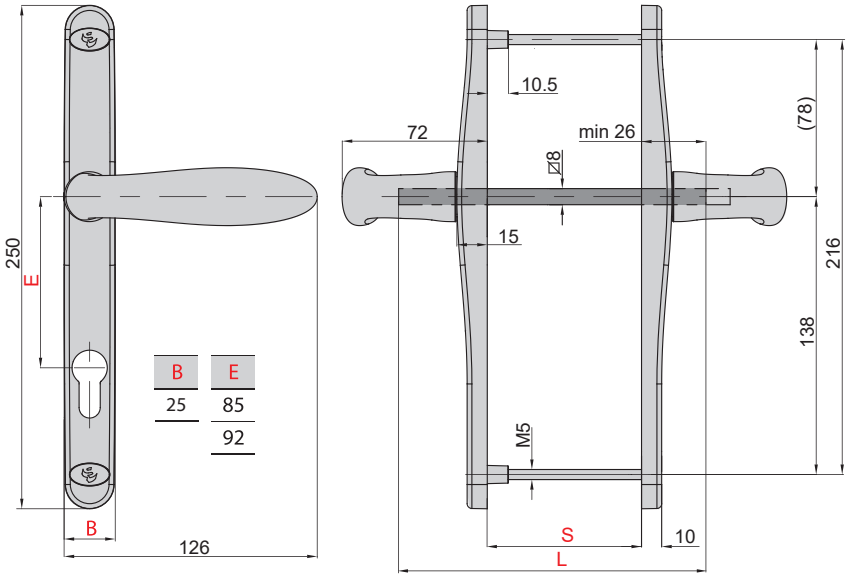
EN / Technical information:
- Made of aluminium alloys and zinc alloy by die-casting.
- Plastic parts are made of polyamide.
- Screws and springs are made out of stainless steel.
- Surface protection powder coating and liquid painting.

RU / Техническая информация:
- Изготовлена из сплавов алюминия и цинка методом литья под высоким давлением.
- Отдельные детали полиамида.
- Винты и пружины есть от нержавеющей стали.
- Окончательная обработка, порошковая и жидкая краска.

Skraćivanje zavrtnja
Screw cutting
Укорачивание винта

D = S + 5 (mm)	L - 140mm = M5x90 DIN965
	L - 160mm = M5x100 DIN965
D1 = S + 15 (mm)	L - 180mm = M5x120

Kvaka za vrata
Door handle
Дверная ручка



			□ 8	S
Artikal	E (mm)	B (mm)	L (mm)	S (mm)
1070.00	92	25	140	52÷70
1070.10			160	72÷85
1070.20			180	85÷105
1070.90			/	/
1071.00	85	25	140	52÷70
1071.10			160	72÷85
1071.20			180	85÷105
1071.90			/	/

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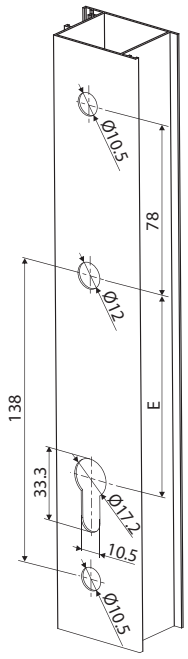
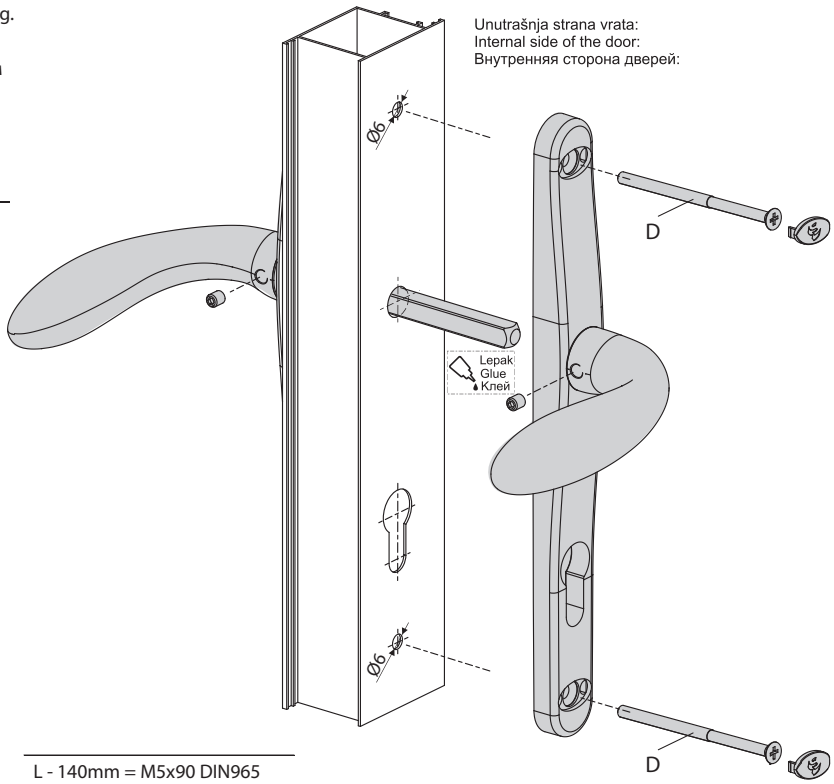
•Окончательная обработка, порошковая и жидкая краска.



Spoljašnja strana vrata:
External side of the door:
Наружная сторона дверей:

Skraćivanje zavrtnja
Screw cutting
Укорачивание винта

D = S + 5 (mm)



Unutrašnja strana vrata:
Internal side of the door:
Внутренняя сторона дверей:

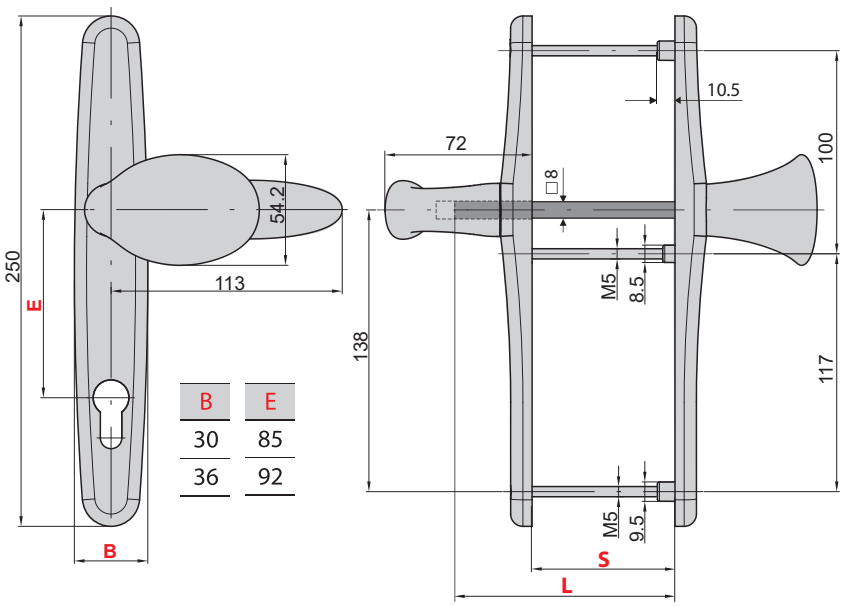
L - 140mm = M5x90 DIN965
L - 160mm = M5x100 DIN965
L - 180mm = M5x120

Povuka-kvaka za vrata

Knob-Door handle

Нажимной гарнитур для ограничения доступа со сдвижной маской

			□8	S
Artikal	E (mm)	B (mm)	L (mm)	S (mm)
1030.00	92	36	100	55÷70
1030.10			120	70÷90
1030.20			140	90÷105
1078.00		30	100	55÷70
1078.10			120	70÷90
1078.20			140	90÷105
1030.01	85	36	100	55÷70
1030.02			120	70÷90
1030.03			140	90÷105
1079.00		30	100	55÷70
1079.10			120	70÷90
1079.20			140	90÷105



B	E
30	85
36	92

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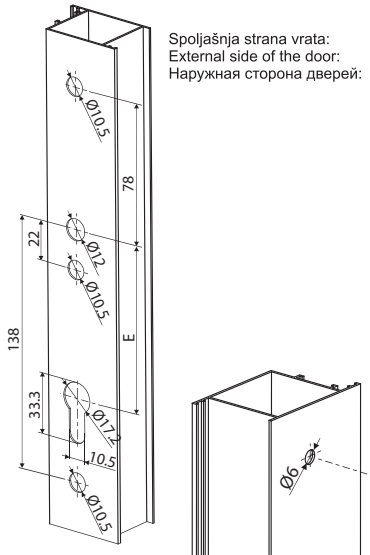
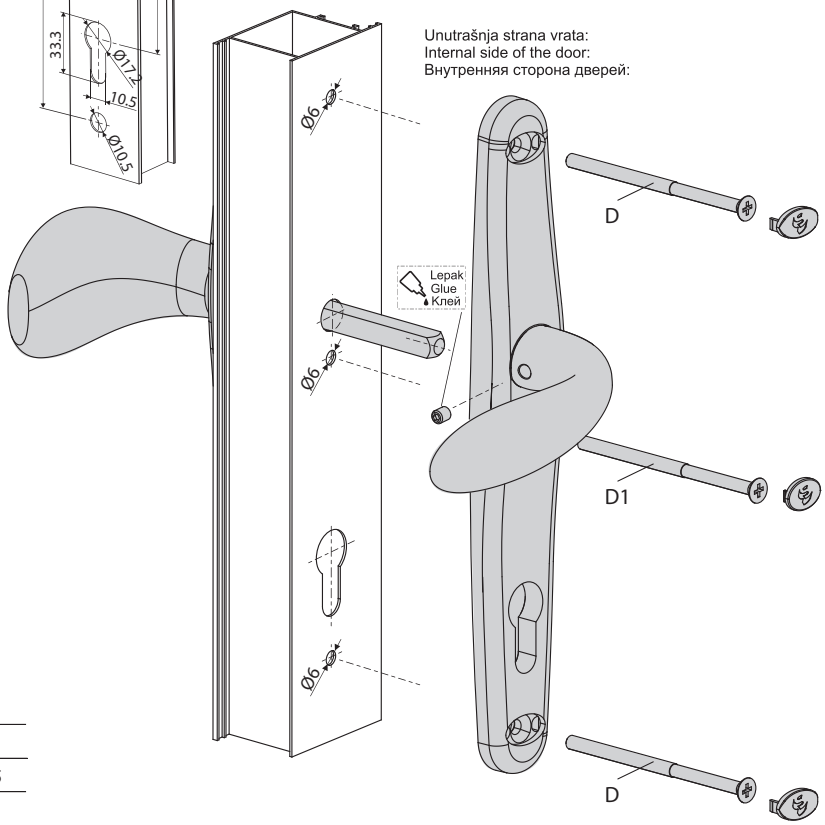
- Окончательная обработка, порошковая и жидкая краска.



Spoljašnja strana vrata:
External side of the door:
Наружная сторона дверей:

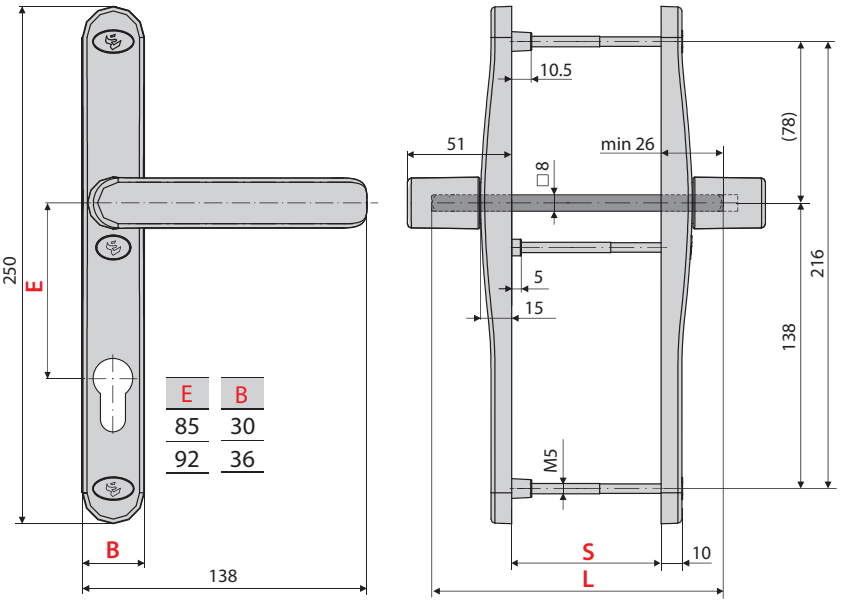


Unutrašnja strana vrata:
Internal side of the door:
Внутренняя сторона дверей:

Skraćivanje zavrtnja
Screw cutting
Укорачивание винта

D = S + 5 (mm)	L - 140mm = M5x90 DIN965
D1 = S + 15 (mm)	L - 160mm = M5x100 DIN965
	L - 180mm = M5x120

Kvaka za vrata
Door handle
Дверная ручка



			□8	S
Artikal	E (mm)	B (mm)	L (mm)	S (mm)
1125.00	92	36	140	52÷70
1125.10			160	72÷85
1125.20			180	85÷105
1125.90			/	/
1176.00		30	140	52÷70
1176.10			160	72÷85
1176.20			180	85÷105
1176.90			/	/
1126.00	85	36	140	52÷70
1126.10			160	72÷85
1126.20			180	85÷105
1126.90			/	/
1177.00		30	140	52÷70
1177.10			160	72÷85
1177.20			180	85÷105
1177.90			/	/

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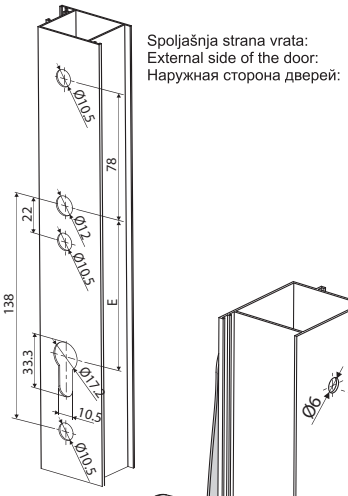
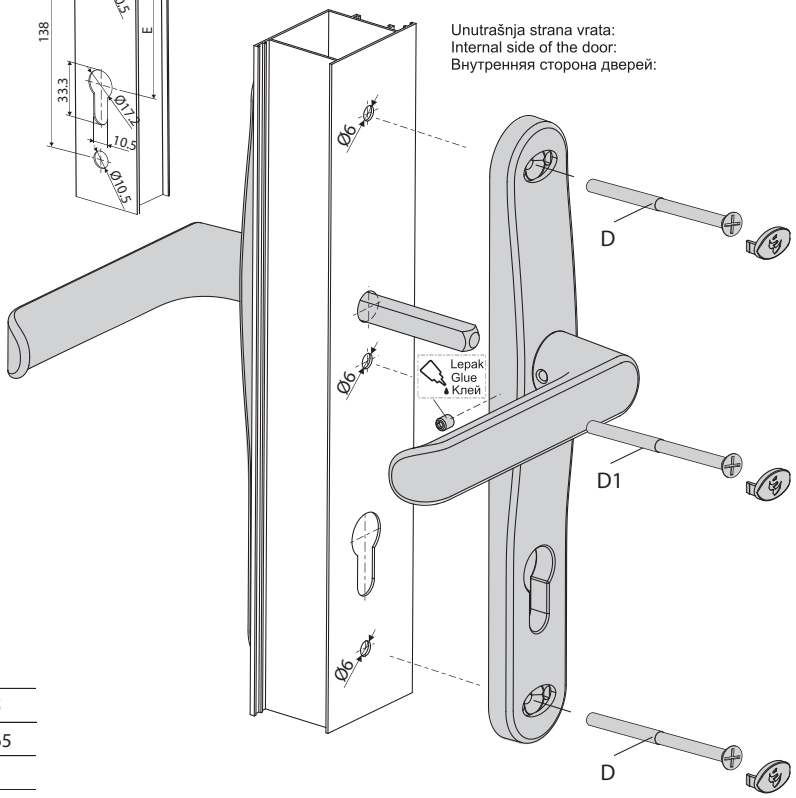
- Окончательная обработка, порошковая и жидкая краска.





Skraćivanje zavrtnja
Screw cutting
Укорачивание винта

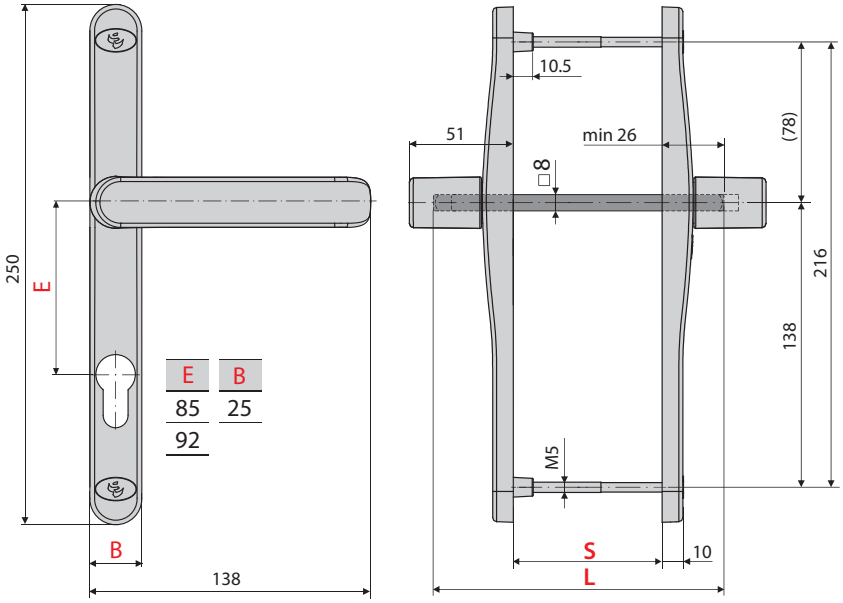
D = S + 5 (mm)	L - 140mm = M5x90 DIN965
D1 = S + 15 (mm)	L - 160mm = M5x100 DIN965
	L - 180mm = M5x120

Kvaka za vrata

Door handle

Дверная ручка

			□ 8	S
Artikal	E (mm)	B (mm)	L (mm)	S (mm)
1170.00	92	25	140	52÷70
1170.10			160	72÷85
1170.20			180	85÷105
1170.90			/	/
1171.00	85	25	140	52÷70
1171.10			160	72÷85
1171.20			180	85÷105
1171.90			/	/



SR / Tehničke informacije:

•Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
•Plastični delovi su od poliamida.
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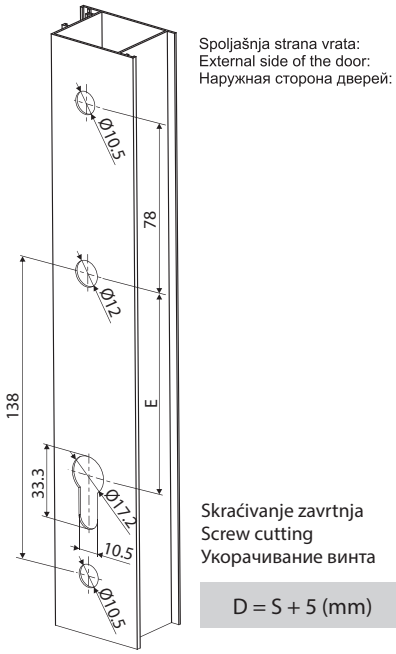
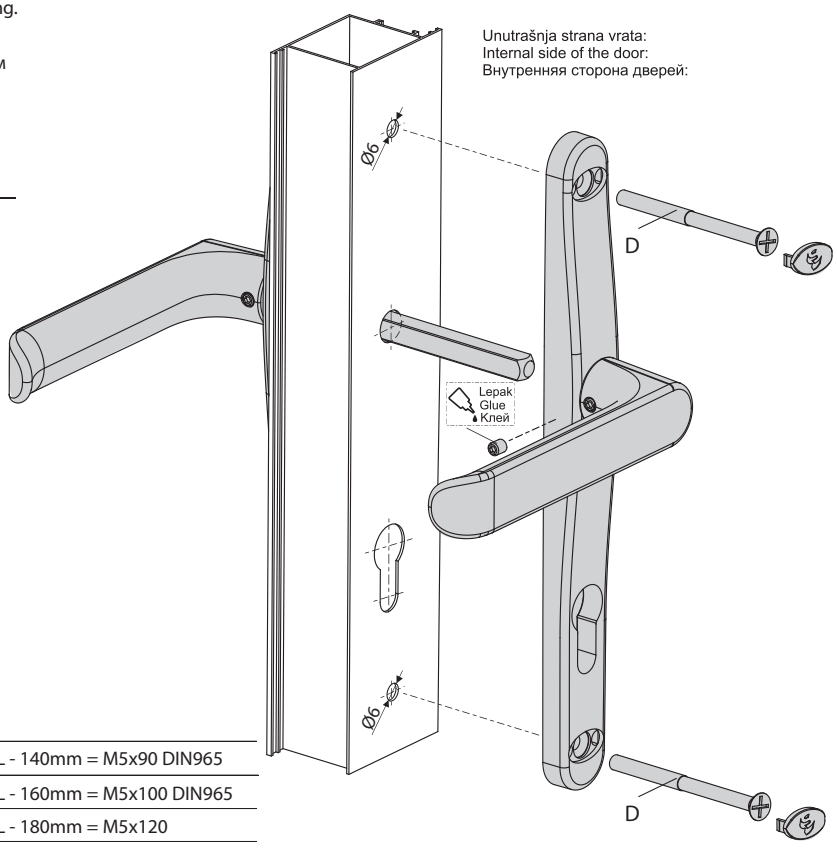
•Винты и пружины есть от нержавеющей стали.
•Окончательная обработка, порошковая и жидкая краска.



Spoljašnja strana vrata:
External side of the door:
Наружная сторона дверей:

Skraćivanje zavrtnja
Screw cutting
Укорачивание винта

D = S + 5 (mm)



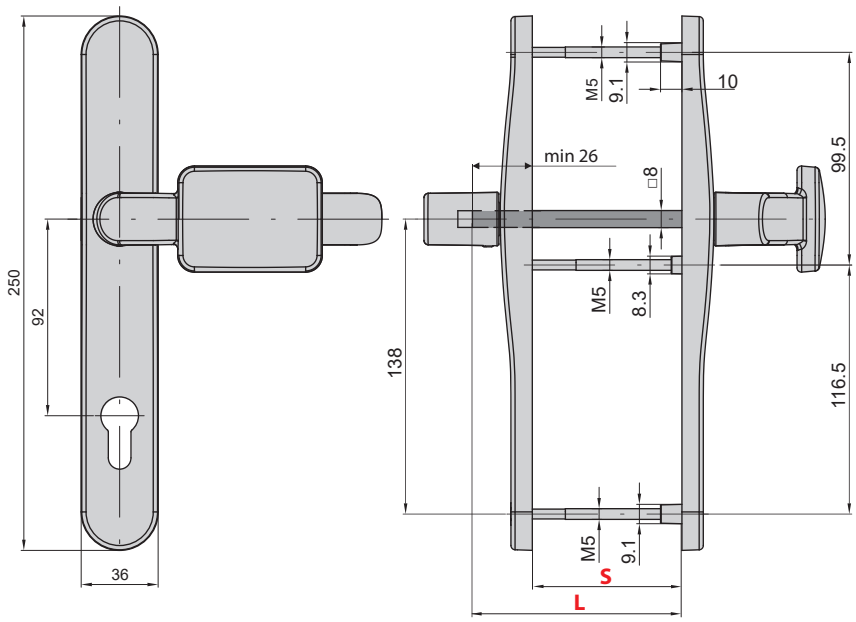
Unutrašnja strana vrata:
Internal side of the door:
Внутренняя сторона дверей:

L - 140mm = M5x90 DIN965
L - 160mm = M5x100 DIN965
L - 180mm = M5x120

Povuka-kvaka za vrata

Knob-Door handle

Нажимной гарнитур для ограничения доступа со сдвижной маской



			□ 8	S
Artikal	E (mm)	B (mm)	L (mm)	S (mm)
1130.00	92	36	100	55÷70
1130.10			120	70÷90
1130.20			140	90÷105
1130.01	85	36	100	55÷70
1130.02			120	70÷90
1130.03			140	90÷105

SR / Tehničke informacije:
- Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
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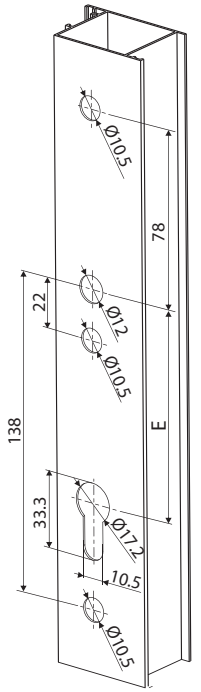
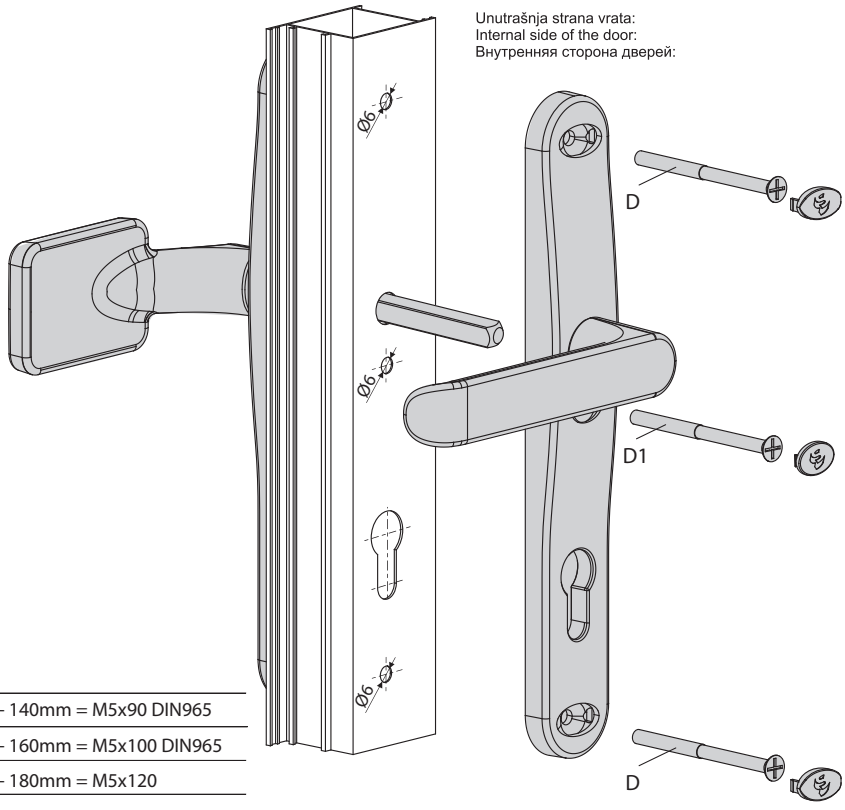


Spoljašnja strana vrata:
External side of the door:
Наружная сторона дверей:

Skraćivanje zavrtnja
Screw cutting
Укорачивание винта

D = S + 5 (mm)

D1 = S + 15 (mm)

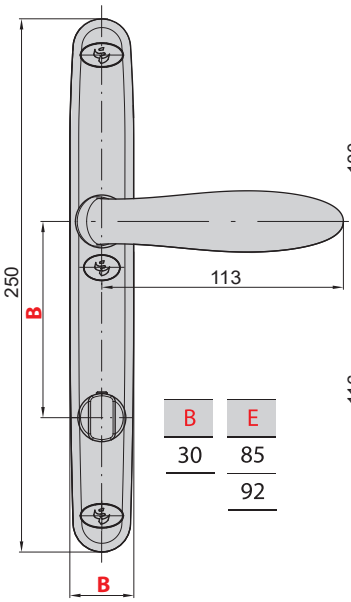


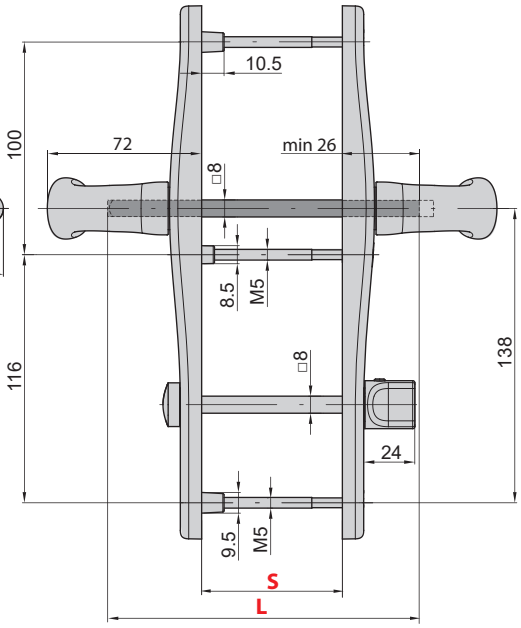
Unutrašnja strana vrata:
Internal side of the door:
Внутренняя сторона дверей:

L - 140mm = M5x90 DIN965
L - 160mm = M5x100 DIN965
L - 180mm = M5x120

Kvaka za vrata
Door handle
Дверная ручка

			□8	S
Artikal	E (mm)	B (mm)	L (mm)	S (mm)
1080.00	92	30	140	60÷76
1081.00	85	30	140	60÷76





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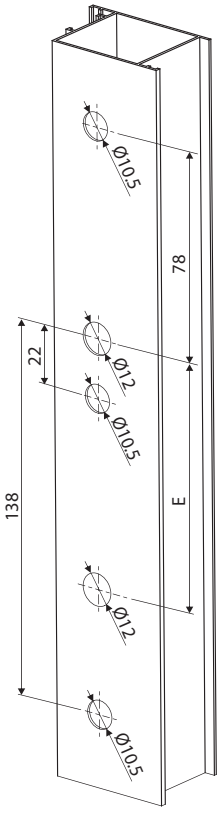
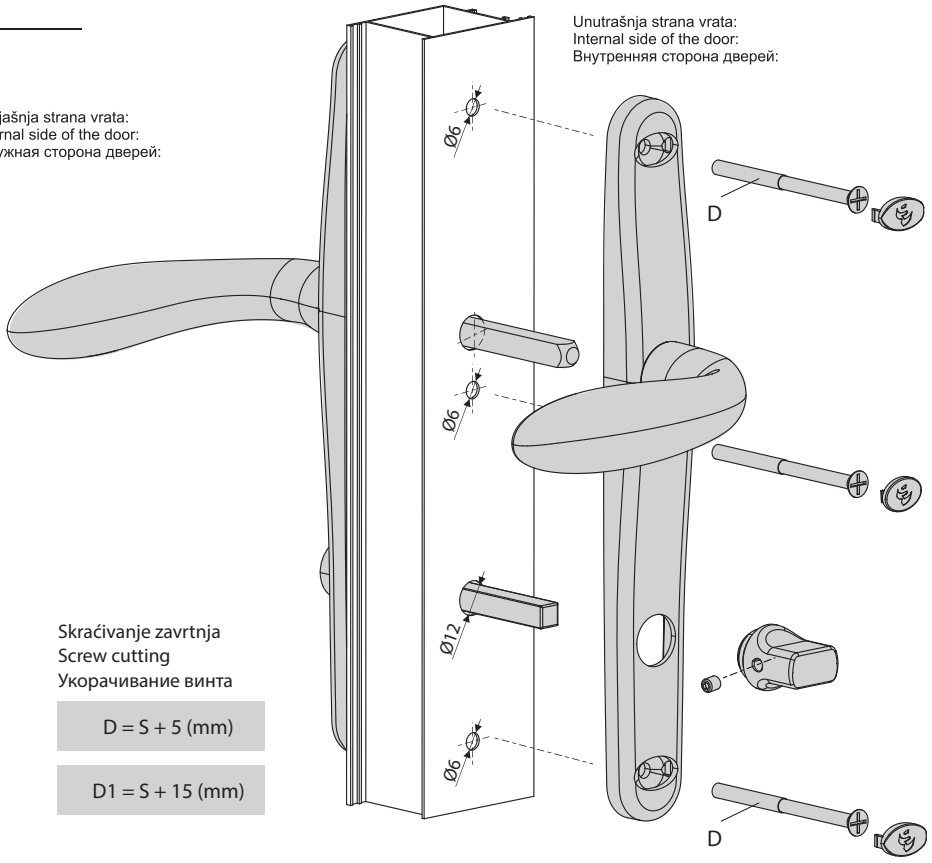


Spoljašnja strana vrata:
External side of the door:
Наружная сторона дверей:



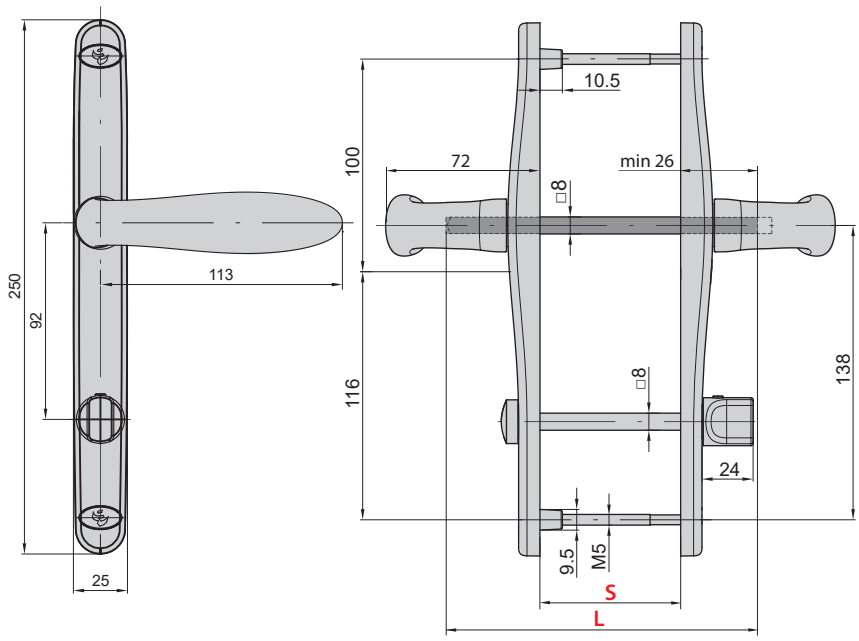
Unutrašnja strana vrata:
Internal side of the door:
Внутренняя сторона дверей:

Skraćivanje zavrtnja
Screw cutting
Укорачивание винта

D = S + 5 (mm)

D1 = S + 15 (mm)

Kvaka za vrata
Door handle
Дверная ручка



			□ 8	S
Artikal	E (mm)	B (mm)	L (mm)	S (mm)
1074.00	92	25	140	60÷76
1075.00	85	25	140	60÷76

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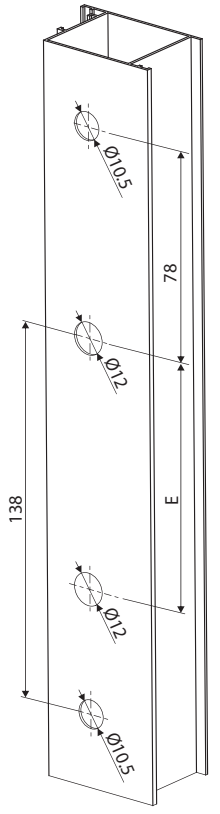
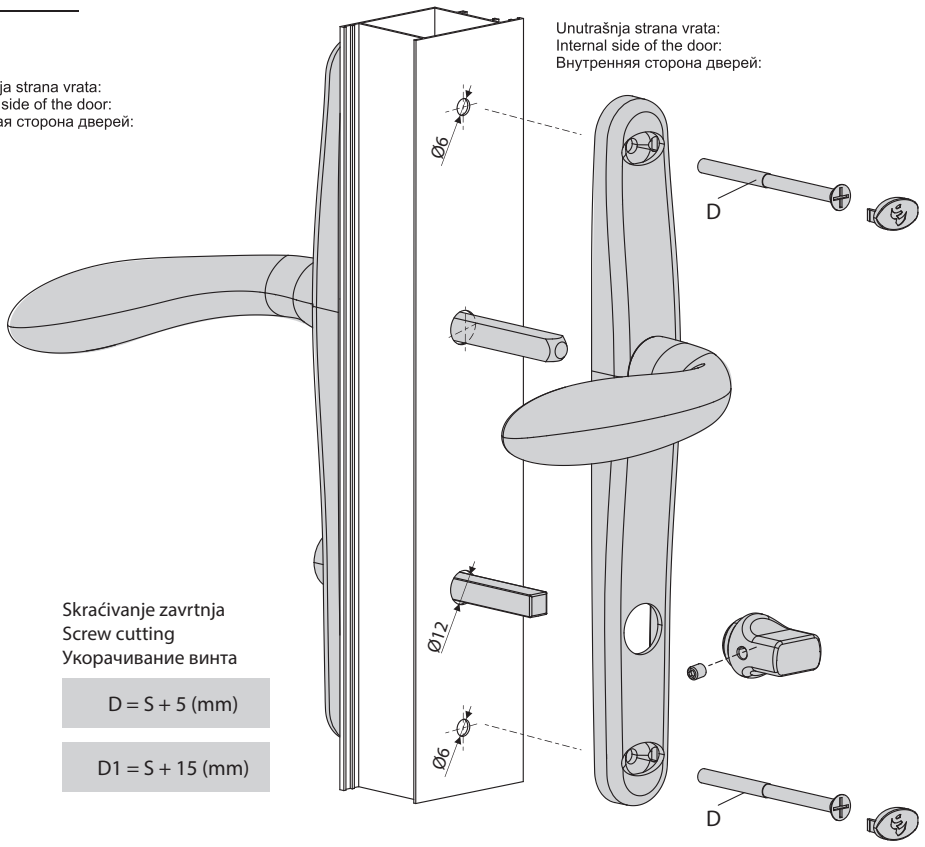


Spoljašnja strana vrata:
External side of the door:
Наружная сторона дверей:

Unutrašnja strana vrata:
Internal side of the door:
Внутренняя сторона дверей:



Skraćivanje zavrtnja
Screw cutting
Укорачивание винта

D = S + 5 (mm)

D1 = S + 15 (mm)

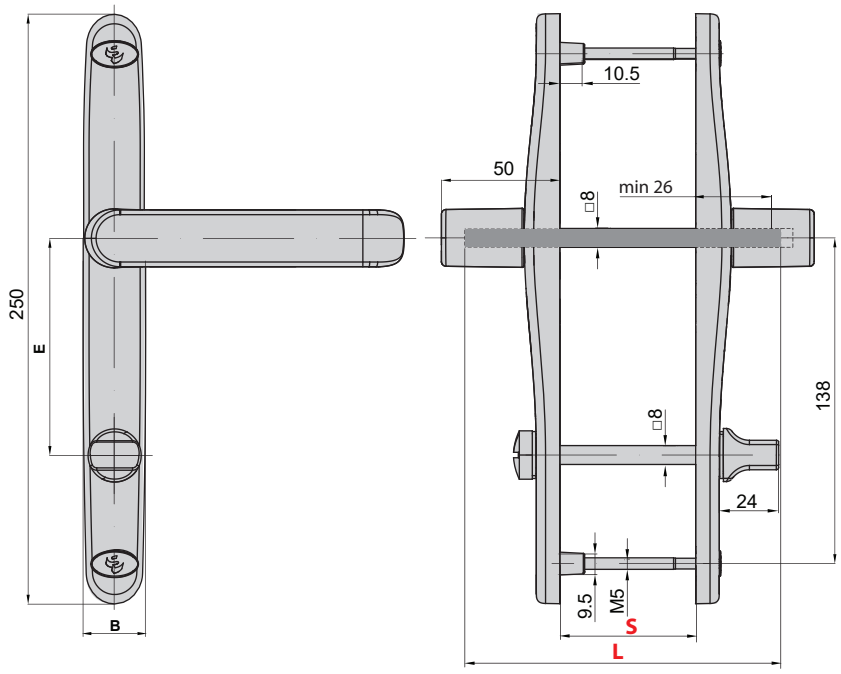
Kvaka za vrata
Door handle
Дверная ручка

			⍁8x8	S
Artikal	E (mm)	B (mm)	L (mm)	S (mm)
1174.00	92	25	140	60÷76
1175.00	85	25	140	60÷76

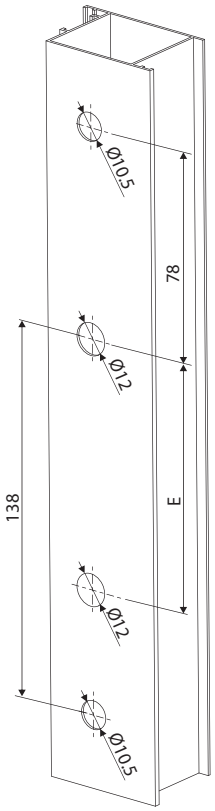
SR / Tehničke informacije:
•Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
•Plastični delovi su od poliamida.
•Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
•Završna obrada, praškasta i tečna prevlaka.

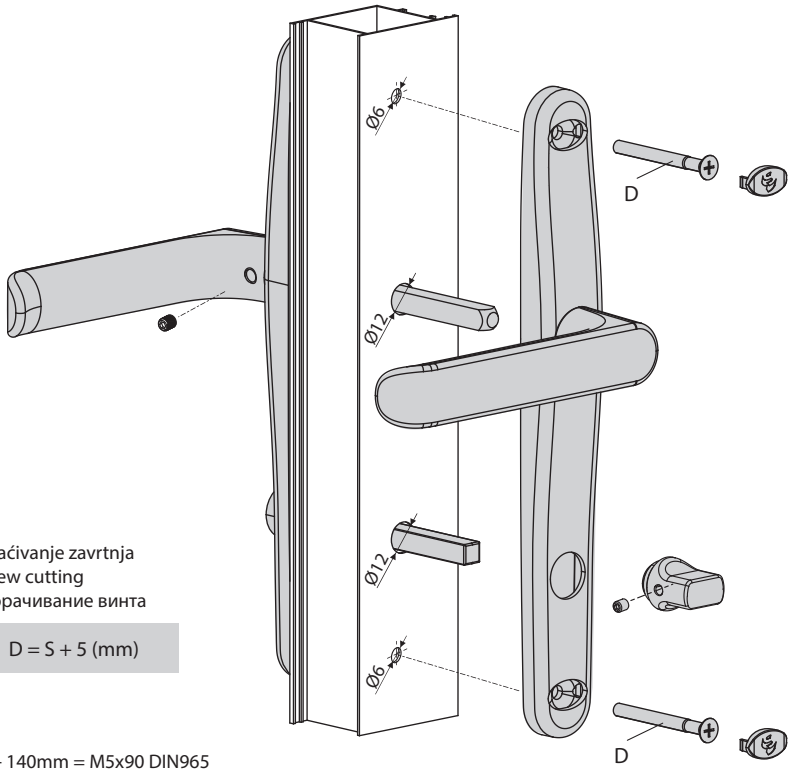
EN / Technical information:
•Made of aluminium alloys and zinc alloy by die-casting.
•Plastic parts are made of polyamide.
•Screws and springs are made out of stainless steel.
•Surface protection powder coating and liquid painting.

RU / Техническая информация:
•Изготовлена из сплавов алюминия и цинка методом литья под высоким давлением.
•Отдельные детали полиамида.
•Винты и пружины есть от нержавеющей стали.
•Окончательная обработка, порошковая и жидкая краска.



Montažni crtež
Assembly drawing
Монтажный чертеж





Skraćivanje zavrtnja
Screw cutting
Укорачивание винта

D = S + 5 (mm)

L - 140mm = M5x90 DIN965

Kvaka za vrata

Door handle

Дверная ручка

Artikal	E (mm)	B (mm)	L (mm)	S (mm)
1184.00	92	30	140	60÷76
1185.00	85	30	140	60÷76

SR / Tehničke informacije:
- Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
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- Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
- Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:
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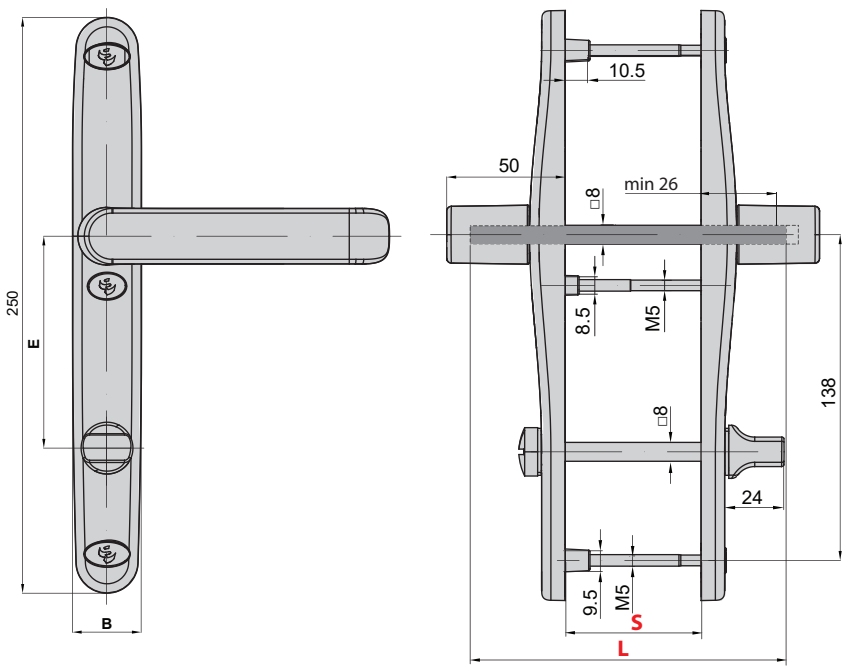
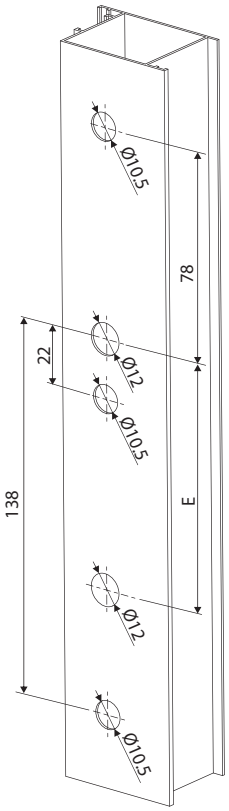
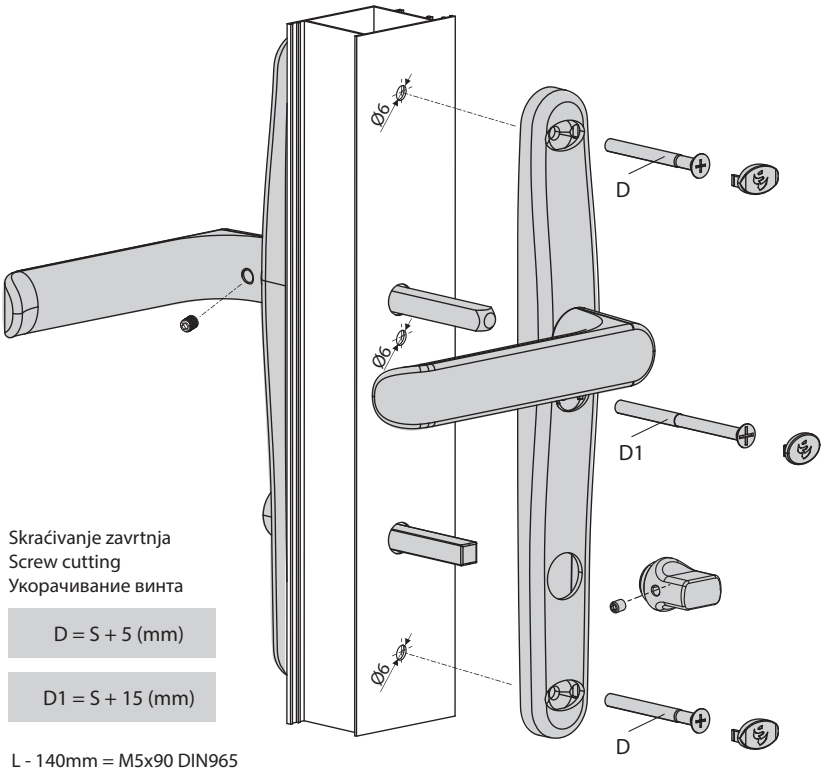
- Surface protection powder coating and liquid painting.

RU / Техническая информация:
- Изготовлена из сплавов алюминия и цинка методом литья под высоким давлением.
- Отдельные детали полиамида.
- Винты и пружины есть от нержавеющей стали.
- Окончательная обработка, порошковая и жидкая краска.



Montažni crtež
Assembly drawing
Монтажный чертеж





Skraćivanje zavrtnja
Screw cutting
Укорачивание винта

D = S + 5 (mm)

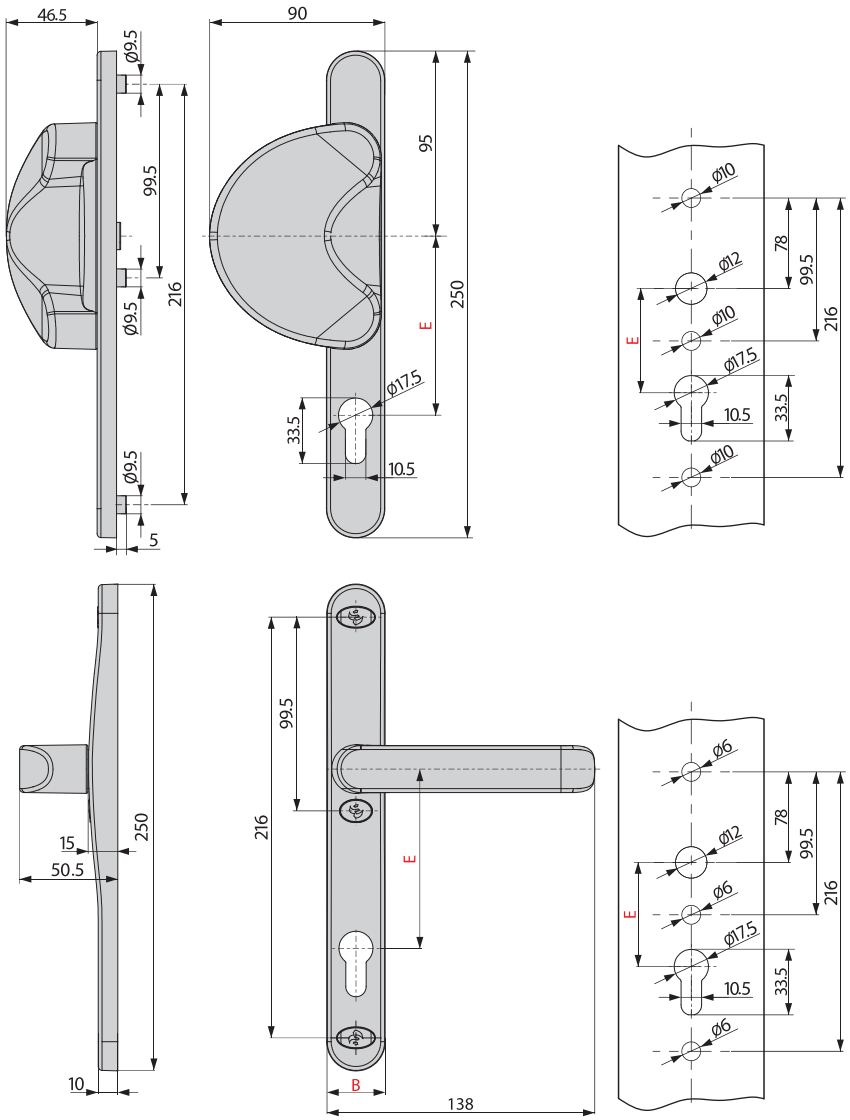
D1 = S + 15 (mm)

L - 140mm = M5x90 DIN965

Povuka-kvaka za vrata

Knob-Door handle

Нажимной гарнитур для ограничения доступа со сдвижной маской



			□8	S
Artikal	E (mm)	B (mm)	L (mm)	S (mm)
1178.00	92	30	100	55÷70
1178.10	92	30	120	70÷90
1179.00	85	30	100	55÷70
1179.10	85	30	120	70÷90

SR / Tehničke informacije:

•Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
•Plastični delovi su od poliamida.
•Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
•Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:

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•Plastic parts are made of polyamide.
•Screws and springs are made out of stainless steel.
•Surface protection powder coating and liquid painting.

RU / Техническая информация:

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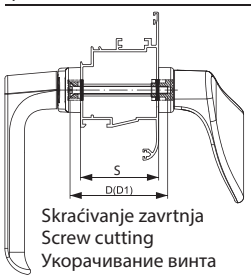
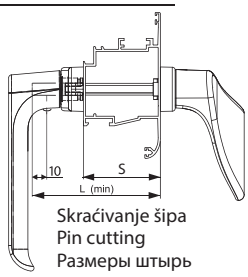
•Отдельные детали полиамида.
•Винты и пружины есть от нержавеющей стали.
•Окончательная обработка, порошковая и жидкая краска.



Skraćivanje zavrtnja
Screw cutting
Укорачивание винта

D = S + 12 (mm)

D1 = S + 17 (mm)



Skraćivanje šipa
Pin cutting
Размеры штырь

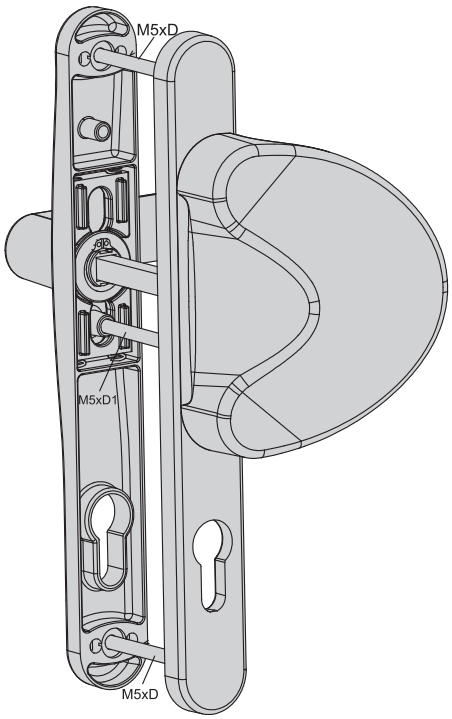
L(min) = S + 30 (mm)

S -Debljina profila
S -Profile thickness
S -Толщина профиля

D -Potrebna dužina zavrtnja
Required length of the screw
Требуемая длина винта

D1-Potrebna dužina središnjeg zavrtnja
Required length of the central screw
Требуемая длина центрального винта

L - Potrebna dužina šipa (minimalna)
Required length of pin (minimum)
Требуемая длина штифта (минимальная)



Pažnja !!! Attention !!! Внимание !!!

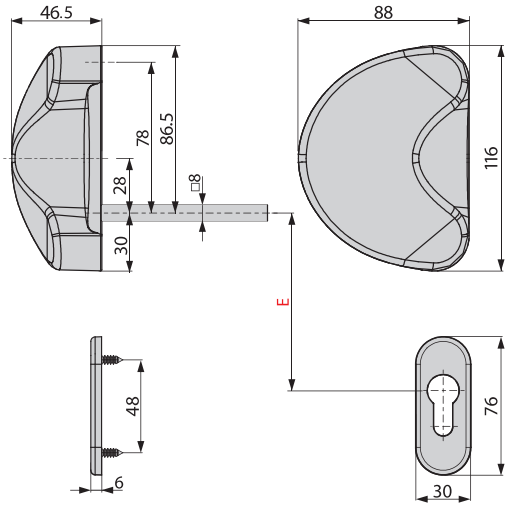
Proizvođač strogo preporučuje da se korisnici pridržavaju pravila za ugradnju prema datoj skici.
Producer strongly recommends that users follow the instructions for instalation shown in the drawing above.
Производитель настоятельно рекомендует придерживаться данной инструкции по монтажу.

Povuka-kvaka za vrata

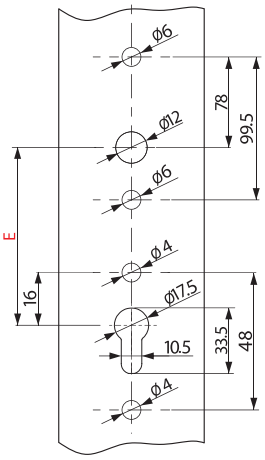
Knob-Door handle

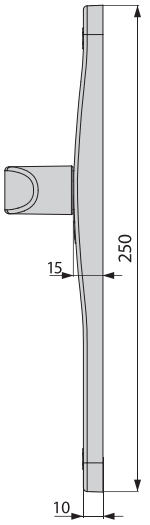
Нажимной гарнитур для ограничения доступа со сдвижной маской

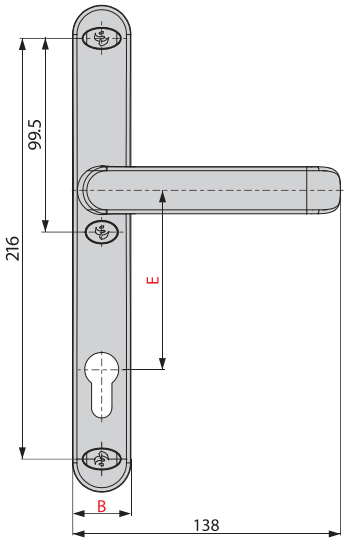
Artikal	E (mm)	B (mm)	L (mm)	□8 S (mm)
1180.00	92	30	100	55÷70
1180.10	92	30	120	70÷90
1181.00	85	30	100	55÷70
1181.10	85	30	120	70÷90



Spoljašnja strana vrata:
External side of the door:
Наружная сторона дверей:







SR / Tehničke informacije:

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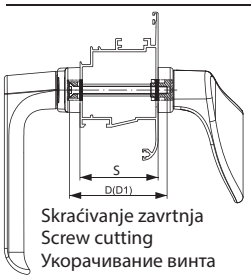
- Plastični delovi su od poliamida.
- Zavrtnji, opruge i metalne pozicije mehanizma su od nerđajućeg čelika.
- Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:

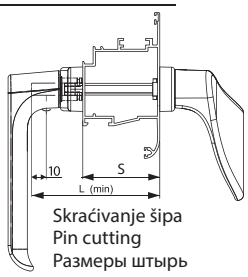
- Made of aluminium alloys and zinc alloy by die-casting.
- Plastic parts are made of polyamide.
- Screws and springs are made out of stainless steel.
- Surface protection powder coating and liquid painting.

RU / Техническая информация:

- Изготовлена из сплавов алюминия и цинка методом литья под высоким давлением.
- Отдельные детали полиамида.
- Винты и пружины есть от нержавеющей стали.
- Окончательная обработка, порошковая и жидкая краска.



Skraćivanje zavrtnja
Screw cutting
Укорачивание винта



Skraćivanje šipa
Pin cutting
Размеры штырь

D = S + 20 (mm)

D1 = S + 25 (mm)

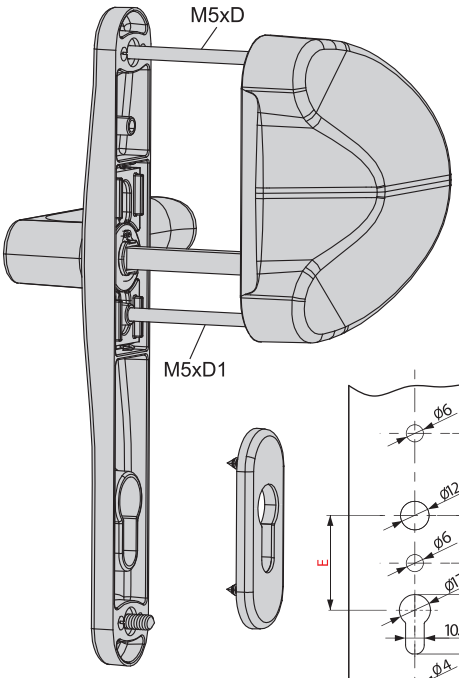
L(min) = S + 30 (mm)

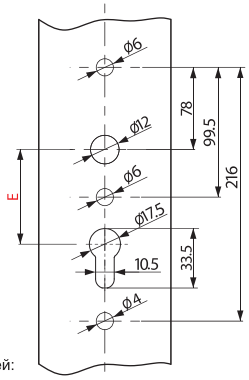
S -Debljina profila
S -Profile thickness
S -Толщина профиля

D -Potrebna dužina zavrtnja
Required length of the screw
Требуемая длина винта

L - Potrebna dužina šipa (minimalna)
Required length of pin (minimum)
Требуемая длина штифта (минимальная)

D1-Potrebna dužina središnjeg zavrtnja
Required length of the central screw
Требуемая длина центрального винта





Unutrašnja strana vrata:
Internal side of the door:
Внутренняя сторона дверей:

Pažnja !!! Attention !!! Внимание !!!

Proizvođač strogo preporučuje da se korisnici pridržavaju pravila za ugradnju prema datoj skici.

Producer strongly recommends that users follow the instructions for instalation shown in the drawing above.

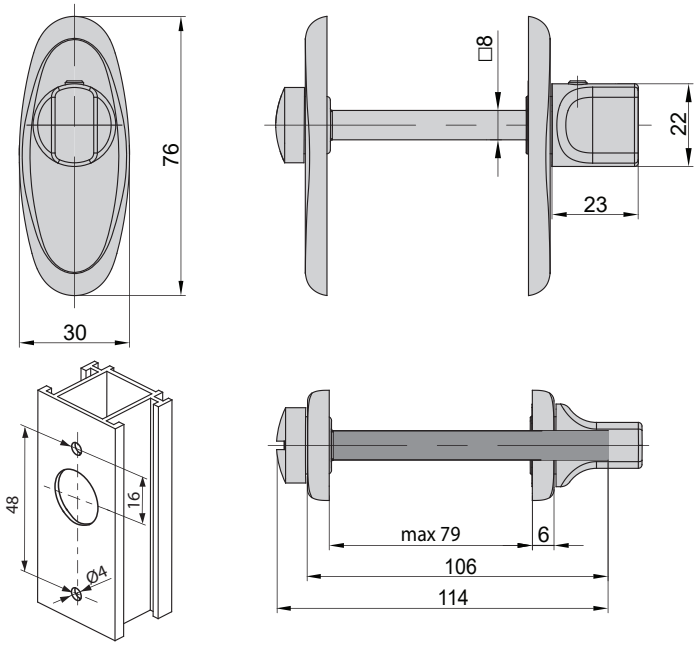
Производитель настоятельно рекомендует придерживаться данной инструкции по монтажу

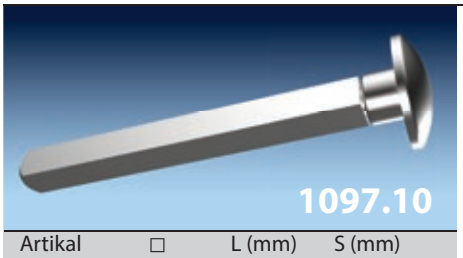
Zaštitnik za vrata za sanitarne prostorije

Shield for door handles for sanitary units

Защита для санитарно-бытовых помещений

Artikal	A (mm)	B (mm)	L max (mm)
1095.10	106	114	Max 79



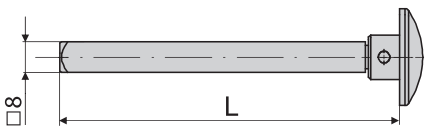


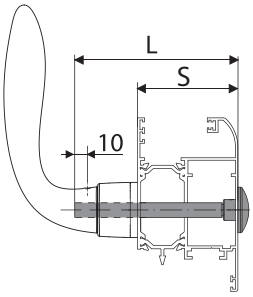
Artikal	□	L (mm)	S (mm)
1097.10	8x8	120	70÷90

SR / Tehničke informacije:
•Kapa šipa od nerđajućeg čelika

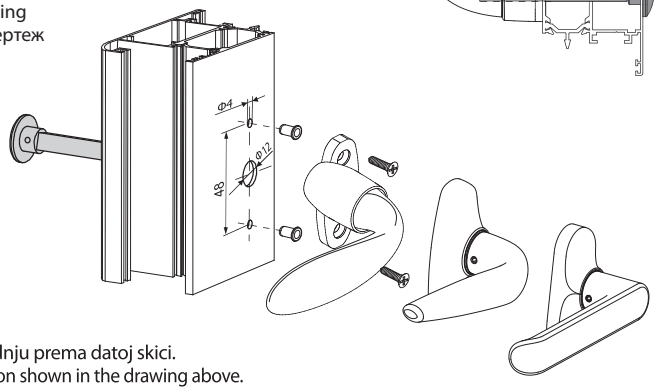
EN / Technical information:
•Cap of the pin is made of stainless-steel.

RU / Техническая информация:
•Крышка изготовлена из нержавеющей стали.





Montažni crtež
Assembly drawing
Монтажный чертеж



Pažnja !!! Attention !!! Внимание !!!

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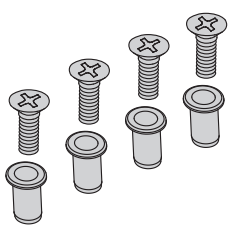
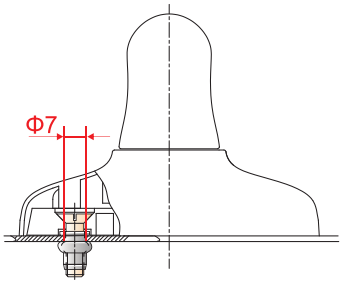
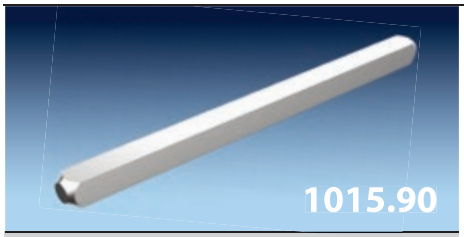
1015.80



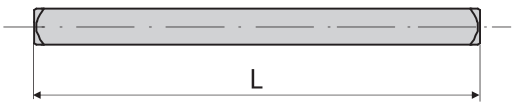
Rif nitna za zavrtanj M5
Rivet nut for screw M5
Крепежный набор
для винта M5

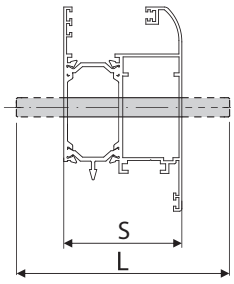
Zavrtanj M5x14 DIN 965
Screw M5x14 DIN 965
Винт M5x14 DIN 965



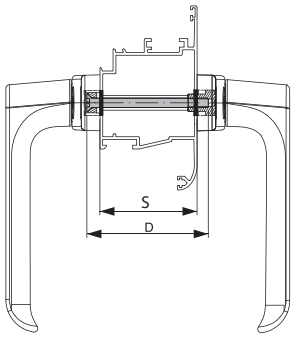


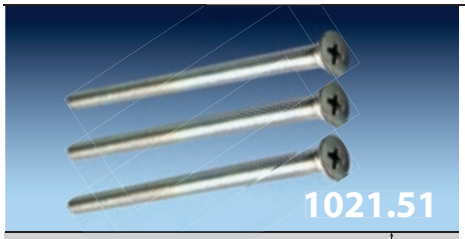
Artikal	L (mm)	S (mm)
1015.90	130	40÷50
1015.91	140	50÷60
1015.92	160	60÷80
1015.93	180	80÷100



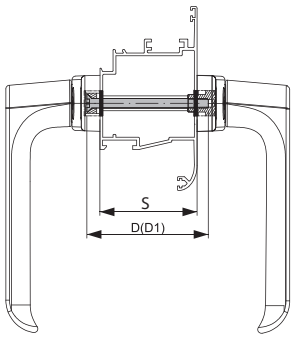


Artikal		S (mm)
1121.51	M5x90 DIN965	52÷70
1121.52	M5x100 DIN965	72÷85
1121.53	M5x120	85÷105



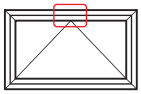


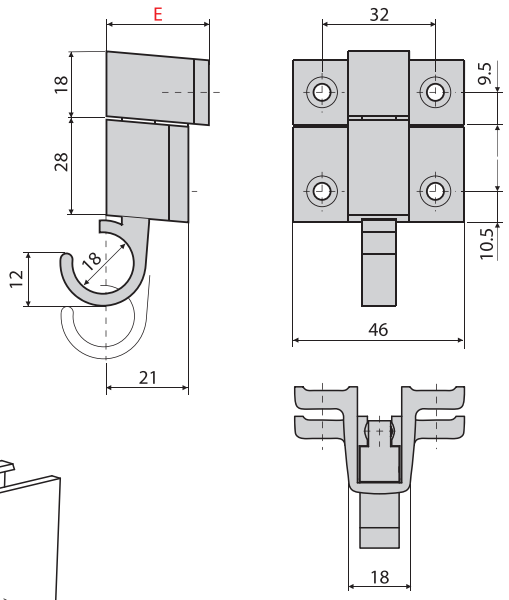
Artikal	D	S (mm)
1021.51	M5x90 DIN965	52÷70
1021.52	M5x100 DIN965	72÷85
1021.53	M5x120	85÷105

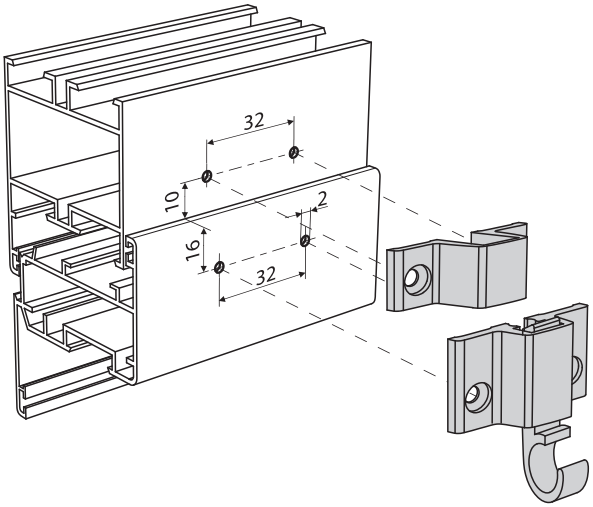


Bravica za zatvaranje
Closing lock
Замочек для закрытия

Artikal	E (mm)
1013.00	29
1013.50	21







SR / Tehničke informacije:
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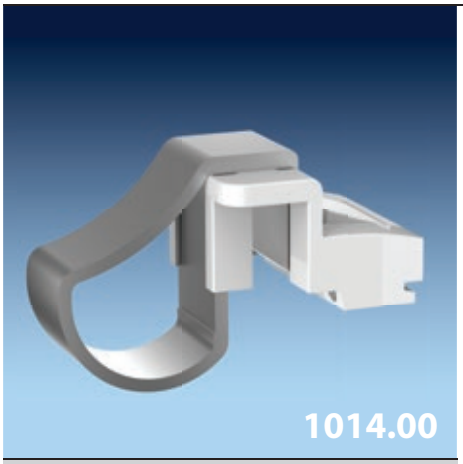
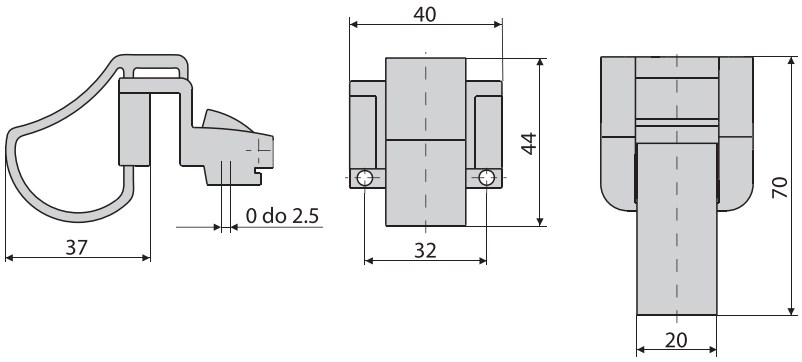
- Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:
- Made of aluminium alloys and zinc alloy by die-casting.
- Surface protection powder coating and liquid painting.

RU / Техническая информация:
- Изготовлена из сплвов алюминия и цинка методом литья под высоким давлением.
- Окончательная обработка, порошковая и жидкая краска.

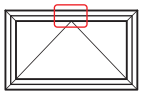
Bravica za zatvaranje
Closing lock
Замочек для закрытия

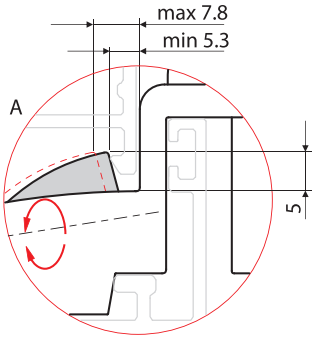


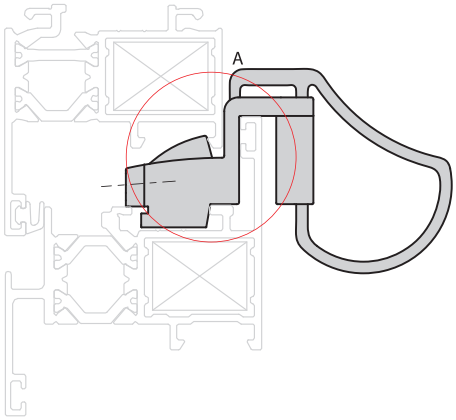


Artikal

1014.00







SR / Tehničke informacije:
- Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
- Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:
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RU / Техническая информация:
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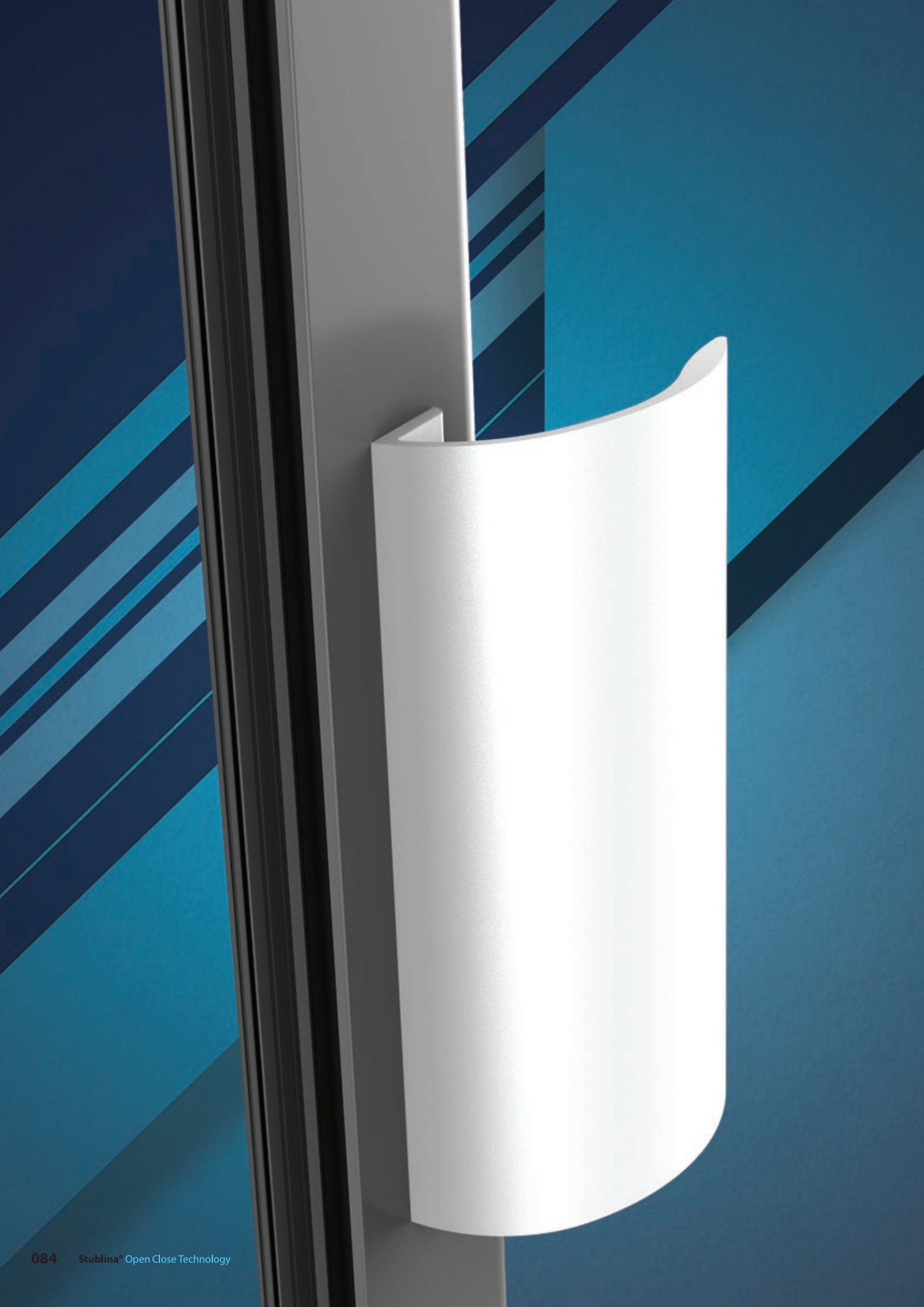
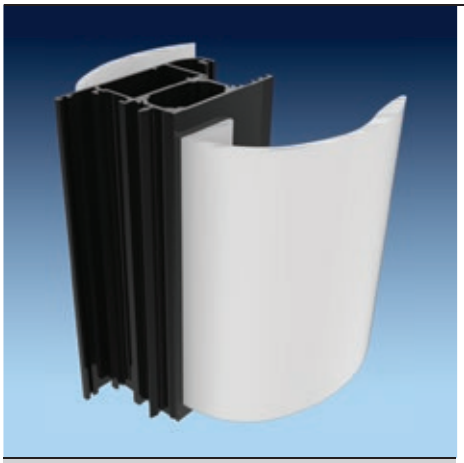
- Окончательная обработка, порошковая и жидкая краска.



Rukohvat za vrata-par

Door pull handle-pair

Дверная ручка-пара

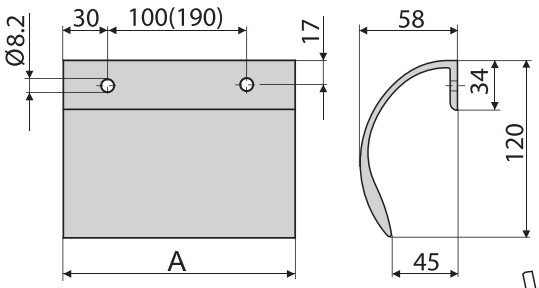


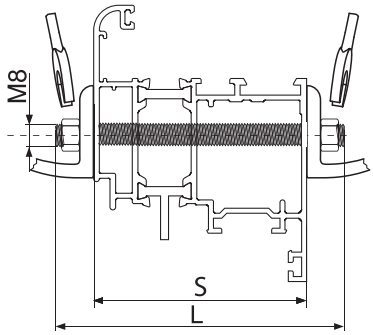
Artikal	A (mm)
1027.00	160
1027.10	250
1027.30	po zahtevu

SR / Tehničke informacije:
- Proizvedeno od ekstrudiranog aluminijumskog profila.
- Zavrtnji i navrtke od čelika.
- Završna obrada, praškasta i tečna prevlaka.

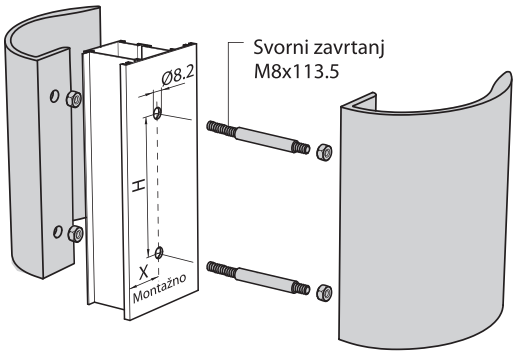
EN / Technical information:
- Made of extruded aluminium profile.
- screw and screw nuts from steel.
- Surface protection powder coating and liquid painting.

RU / Техническая информация:
- Изготовлена из экструдированного алюминиевого профиля.
- Винты и шпильки из стали.
- Окончательная обработка, порошковая и жидкая краска.





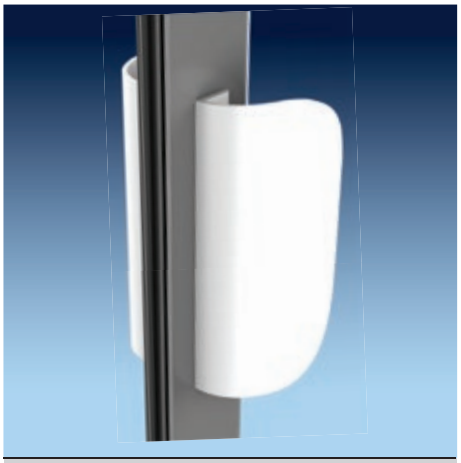
Montažni crtež
Assembly drawing
Монтажный чертеж



L = 27 + S (mm)

S – Debljina profila
S – profile thickness
S – Толщина профиля

L – Potrebna dužina brezona
L – Required length screw
L – Требуемая длина винта



Artikal	A (mm)
1027.60	160
1027.65	250
1027.70	po zahtevu

SR / Tehničke informacije:
- Proizvedeno od ekstrudiranog aluminijumskog profila.
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EN / Technical information:
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RU / Техническая информация:
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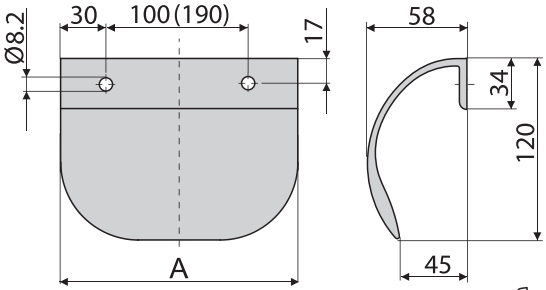
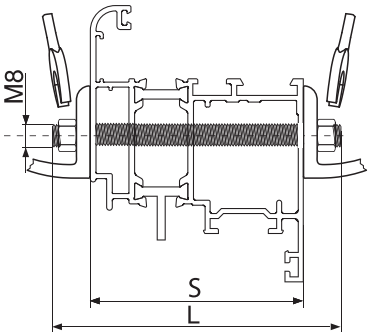
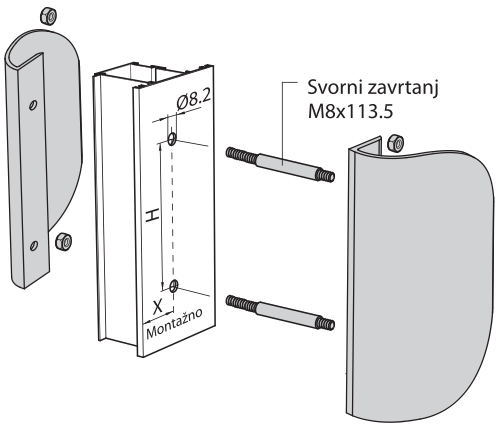
- Винты и шпильки из стали.
- Окончательная обработка, порошковая и жидкая краска.







L = 27 + S (mm)

Skraćivanje brezona
Screw cutting
Укорачивание винта

S – Debljina profila
S – profile thickness
S – Толщина профиля

L – Potrebna dužina brezona
L – Required length screw
L – Требуемая длина винта

Rukohvat za vrata

Door pull handle

Дверная ручка

Artikal	☐ 8x8 L (mm)	S (mm)
1027.90	160	55÷70
1027.91	120	70÷90

SR / Tehničke informacije:
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RU / Техническая информация:
- Изготовлена из экструдированного алюминиевого профиля.
- Винты и шпильки из стали.
- Окончательная обработка, порошковая и жидкая краска.

Artikal	☐ 8x8 L (mm)	S (mm)
1027.80	100	55÷70
1027.81	120	70÷90

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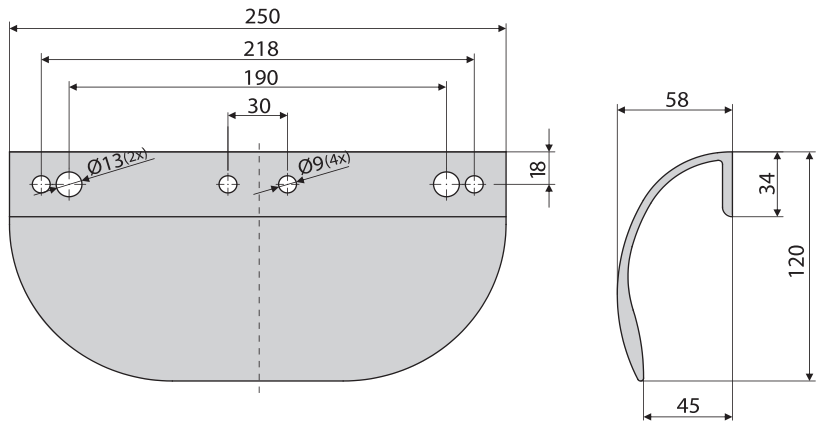
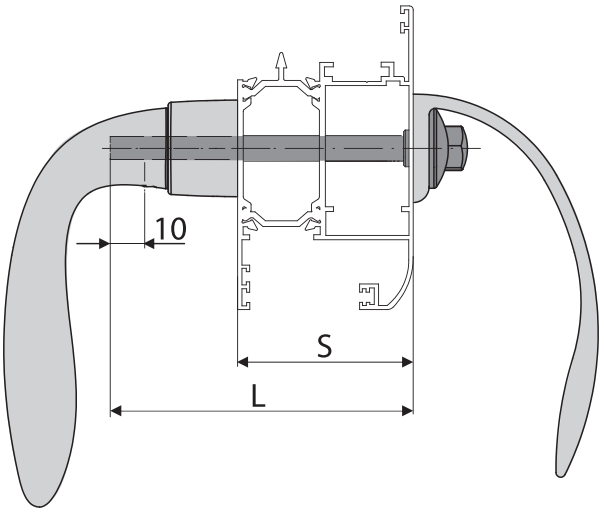
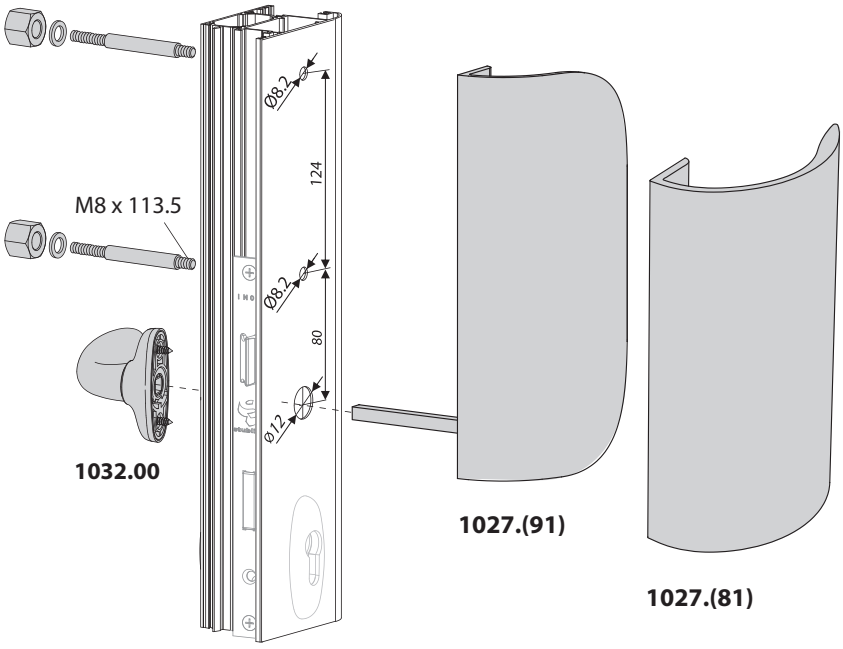
- Винты и шпильки из стали.
- Окончательная обработка, порошковая и жидкая краска.



Montažni crtež
Assembly drawing
Монтажный чертеж

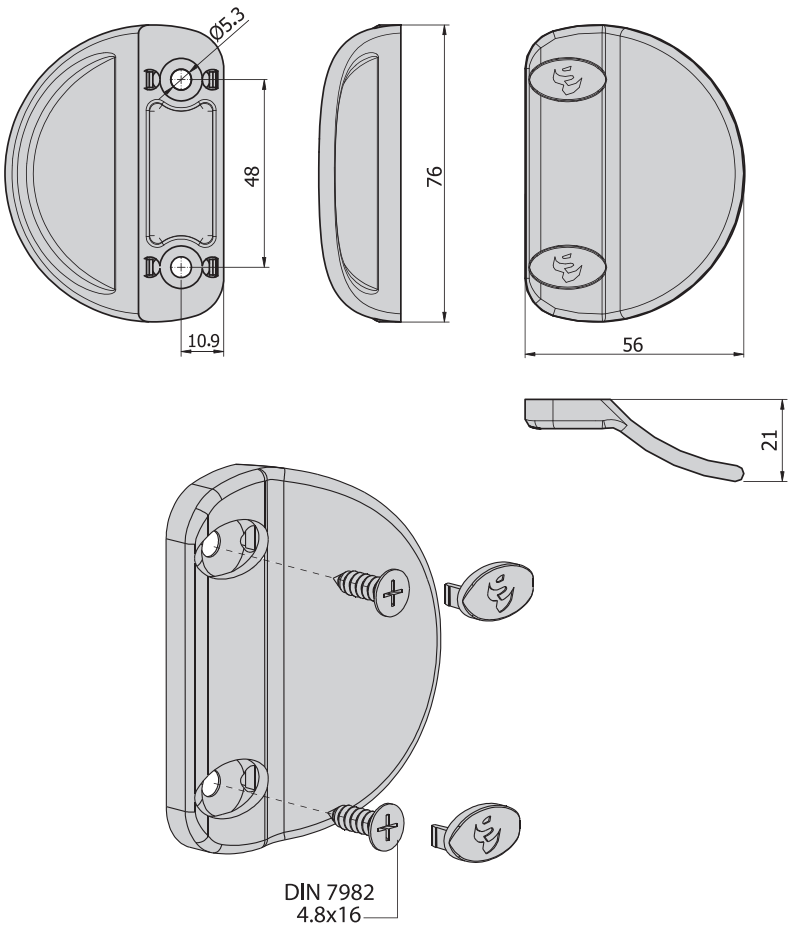




Rukohvat za vrata

Door pull handle

Дверная ручка



SR / Tehničke informacije:

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•Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:

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RU / Техническая информация:

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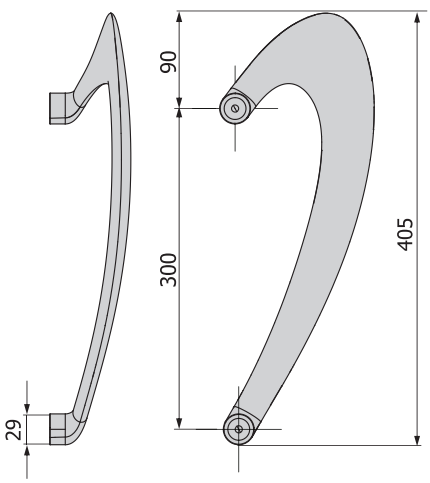
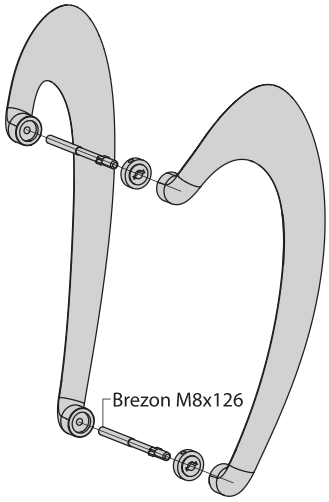
Rukohvat za vrata-par

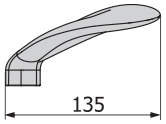
Door pull handle-pair

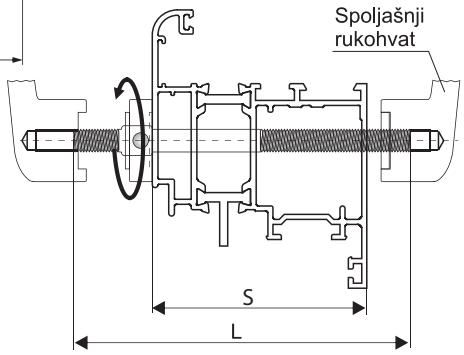
Дверная ручка-пара

Artikal
1020.00L
1020.00D









SR / Tehničke informacije:
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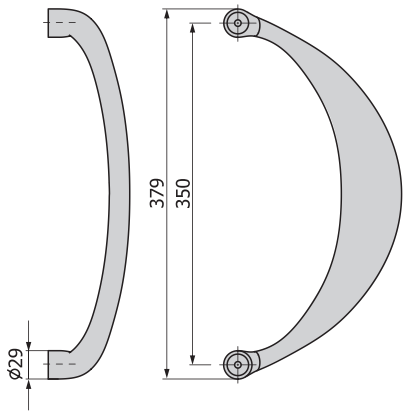
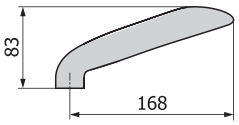
- Окончательная обработка, порошковая и жидкая краска.

Artikal
1038.00



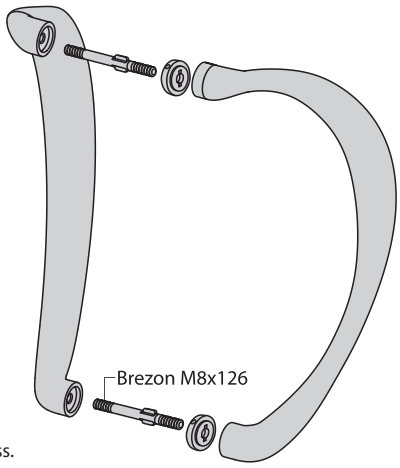


L = 44 + S (mm)

Skraćivanje brezona
Screw cutting
Укорачивание винта

S – Debljina profila
S – profile thickness
S – Толщина профиля

L – Potrebna dužina brezona
L – Required length screw
L – Требуемая длина винта

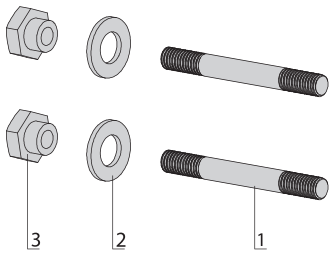


Napomena:
Brezone, poz. 2 ili 4 skratiti sa strane levog dužeg navoja u zavisnosti od debljine profila.
Za leva vrata koriste se brezoni sa levim navojem na kraćoj strani.
Skraćivanje prema formuli: 44+S (mm), gde je L potrebna dužina, a S debljina profila.
Note:
Screws, item 2 or 4 are to be shortened from the side of a left longer screw tread depending on a profile thickness.
Screws with a left-hand thread on a shorter side are to be used for the left door.
Shortening is acc. to the formula: L=44+S (mm), with L as a required length and S as the profile thickness.
Примечание:
Шпильки необходимо укорачивать с той стороны, где резьба длинее.
Для левых дверей пользоватся шпильками с левой резьбой, на короткой стороне.
Длина шпильки определяется по формуле: : L=44+S (мм), где L – требуемая длина винта, S – ширина профиля.

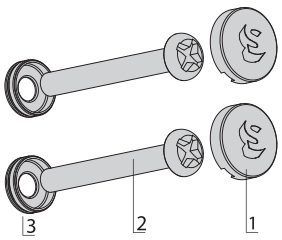
Rukohvat za vrata
Door pull handle
Дверная ручка

Artikal
1020.51L
1020.52D

Artikal
1038.50

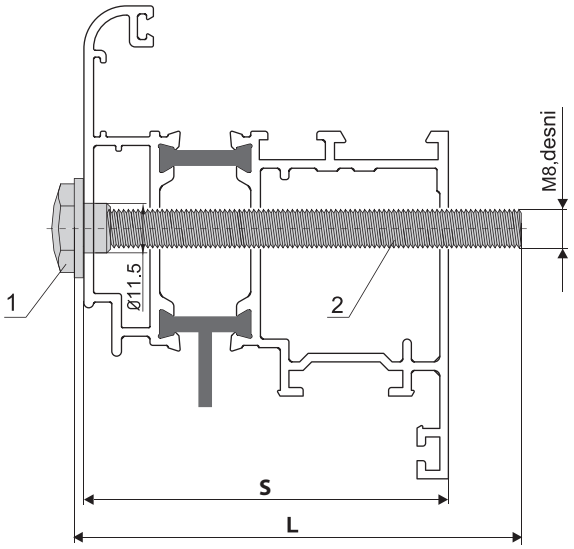


1020.50P			
1	1033.02	Brezon M8x113.5	2
2		Podloška/INOX	2
3		Navrtka/INOX	2

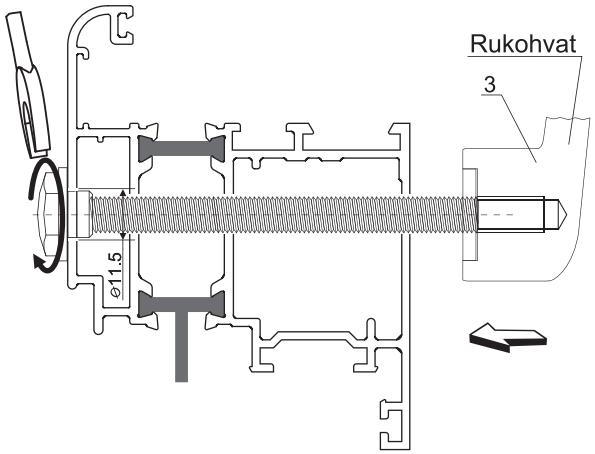


1099.00			
1	1099.01	Kapa zavrtnja	2
2	Zavrtanj	M8x100 DIN 7985	2
3	1099.02	Podloška zavrtnja	2

Montažni crtež za jednostrani rukohvat:
Assembly drawing for overside pull handles:
Инструкция по установке односторонной накладной ручки:



U navrtku (1) uviti brezon (2) i postaviti u profil.
Tight the screw (2) in the nut (1) and insert to profile.
Шпильку (2) завинтить в гайку (1) и поставить в створку.



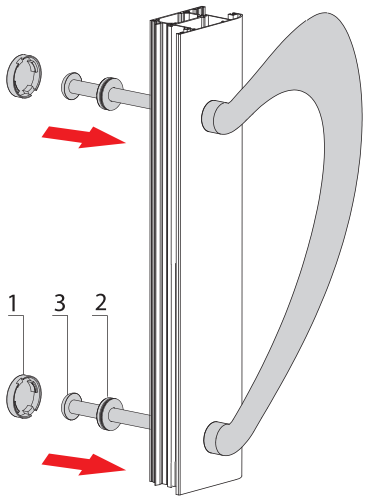
Brezon (2) uviti u rukohvat (3) u kojem je urezan navoj M8.
Tight the screw (2) in the pull handle (3).
Шпильку (2) завинтить в ручку (3) с резьбой M8.

L = 22 + S (mm)

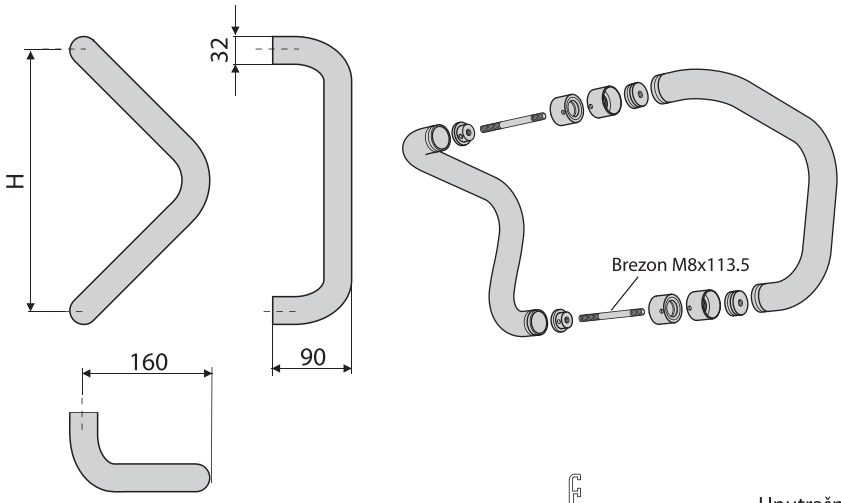
Skraćivanje brezona
Screw cutting
Укорачивание винта

S – Debljina profila
S – profile thickness
S – Толщина профиля

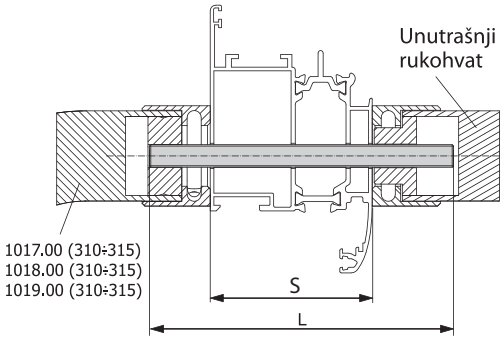
L – Potrebna dužina brezona
L – Required length screw
L – Требуемая длина винта



Rukohvat za vrata-par
Door pull handle-pair
Дверная ручка-пара



H (mm)	
300	350
1017.00.310÷315	**1017.10.310÷315**
1017.00.132/133	**1017.10.132/133**



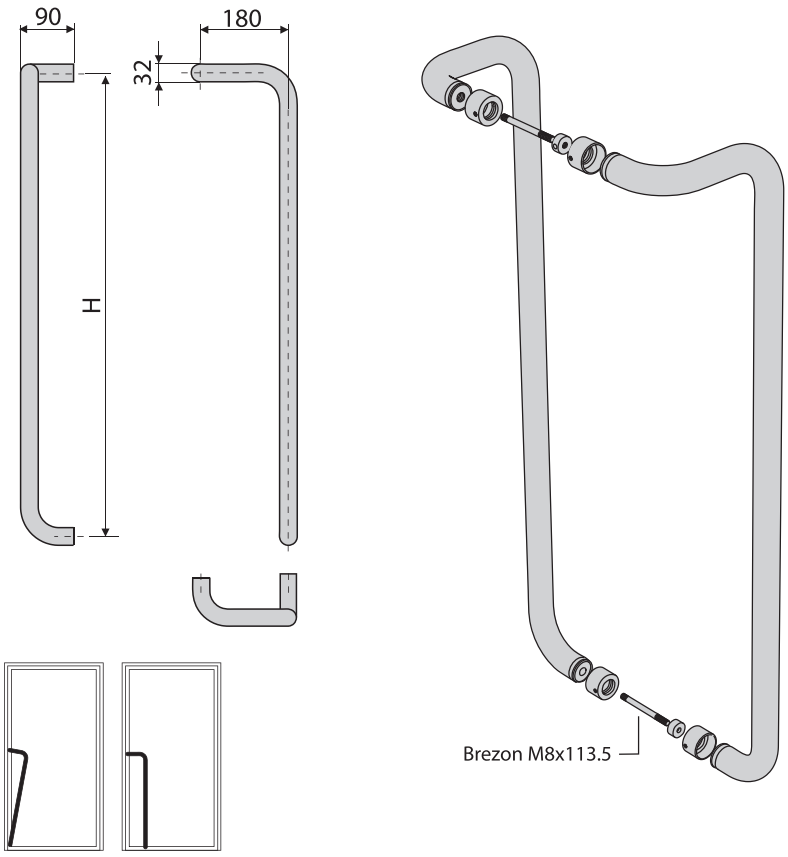
L = 28 + S (mm)

SR / Tehničke informacije:
•Proizvedeno od aluminijumskih ili INOX (AISI 304) cevi .
•Zavrtnji i navrtke od čelika.

EN / Technical information:
•Produced from aluminium or INOX (AISI 304) pipes.
•screw and screw nuts from steel.

RU / Техническая информация:
•Изготовлена из труб - алюминй или нержавеющая сталь (AISi 304).
•Крепежый набор из стали.

Pažnja !!! Attention !!! Внимание !!!
Proizvođač preporučuje održavanje rukohvata od INOX-a dejonizovanom vodom i pamučnom tkaninom.
The manufacturer recommends stainless steel door pull handles maintenance by deionized water and cotton clotch.
Для ухода за ручками из нержавеющей стали, изготовитель рекомендует использовать деионизированную воду и ткань из хлопка.

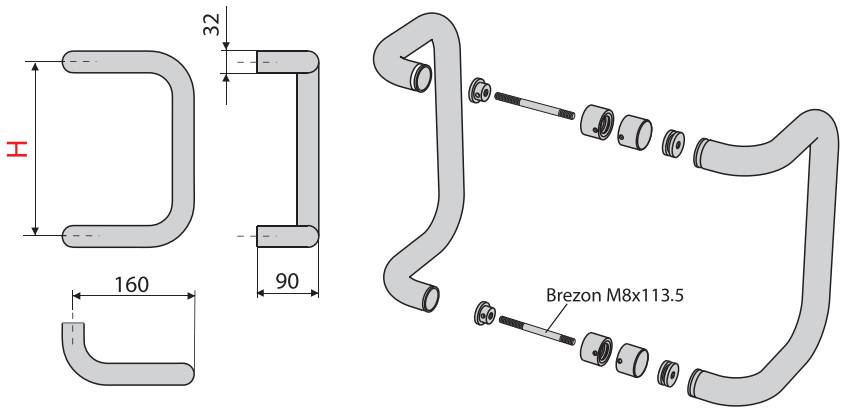


H (mm)	
950	na zahtev
1018.00.310÷315	**1018.10.310÷315**
1018.00.132/133	**1018.10.132/133**

Tehničke informacije:
Proizvedeno od aluminijumskih ili INOX (AISI 304) cevi. Zavrtnji i navrtke od čelika.
Technical information:
Produced from aluminium or INOX (AISI 304) pipes. Screws and screw nuts from steel.
Техническая информация:
Изготовлено из труб – алюминий или нержавеющая сталь (AISi 304).
Крепежный набор из стали.

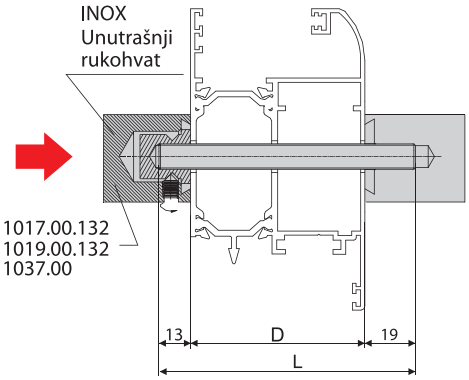
Pažnja !!! Attention !!! Внимание !!!
Proizvođač preporučuje održavanje rukohvata od INOX-a dejonizovanom vodom i pamučnom tkaninom.
The manufacturer recommends stainless steel door pull handles maintenance by deionized water and cotton clotch.
Для ухода за ручками из нержавеющей стали, изготовитель рекомендует использовать деионизированную воду и ткань из хлопка.

Rukohvat za vrata-par
Door pull handle-pair
Дверная ручка-пара



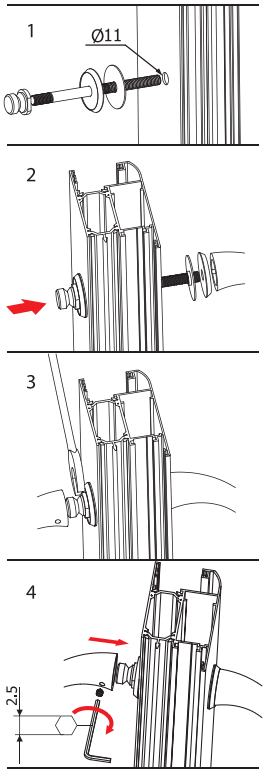
H (mm)	
300	350
1019.00.310÷315	**1019.10.310÷315**
1019.00.132/133	**1019.10.132/133**

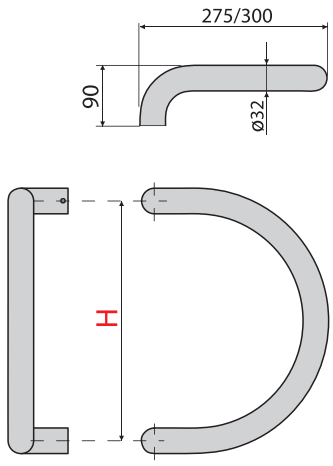
Tehničke informacije:
Proizvedeno od aluminijumskih ili INOX (AISI 304) cevi. Zavrtnji i navrtke od čelika.
Technical information:
Produced from aluminium or INOX (AISI 304) pipes. Screws and screw nuts from steel.
Техническая информация:
Изготовлено из труб – алюминий или нержавеющая сталь (AISi 304).
Крепежный набор из стали.



L = 28 + D (mm)

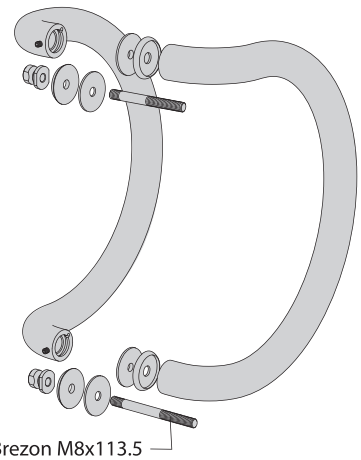
Montažni crtež:
Assembly drawing:
Монтаж:





H (mm)	
300	350
1037.10	**1037.20**

Tehničke informacije:
Proizvedeno od INOX (AISI 304) cevi.
Zavrtnji i navrtke od čelika.
Technical information:
Produced from INOX (AISI 304) pipes.
Screws and screw nuts from steel.
Техническая информация:
Изготовлено из труб нержавеющая сталь (AISi 304).
Крепежный набор из стали.

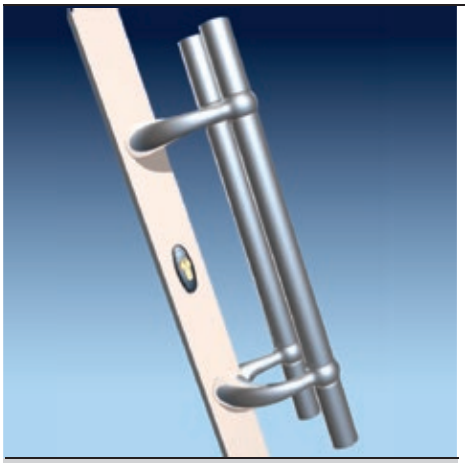


Pažnja !!! Attention !!! Внимание !!!
Proizvođač preporučuje održavanje rukohvata od INOX-a dejonizovanom vodom i pamučnom tkaninom.
The manufacturer recommends stainless steel door pull handles maintenance by deionized water and cotton clotch.
Для ухода за ручками из нержавеющей стали, изготовитель рекомендует использовать деионизированную воду и ткань из хлопка.

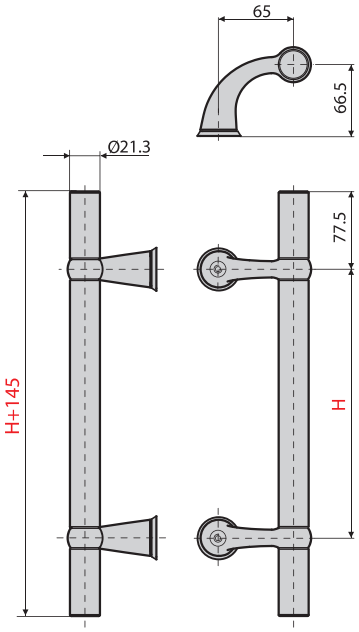
Rukohvat za vrata-par

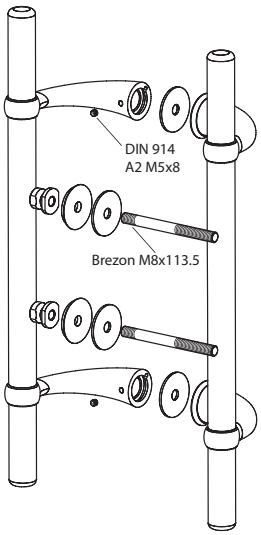
Door pull handle-pair

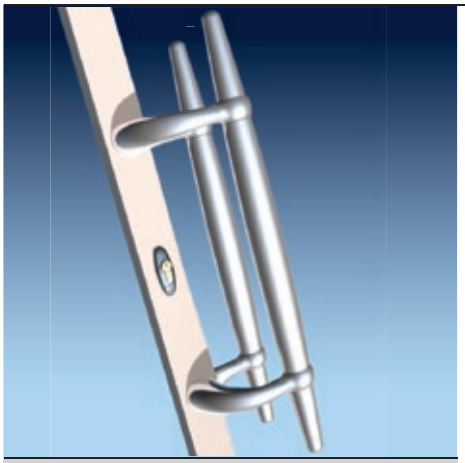
Дверная ручка-пара



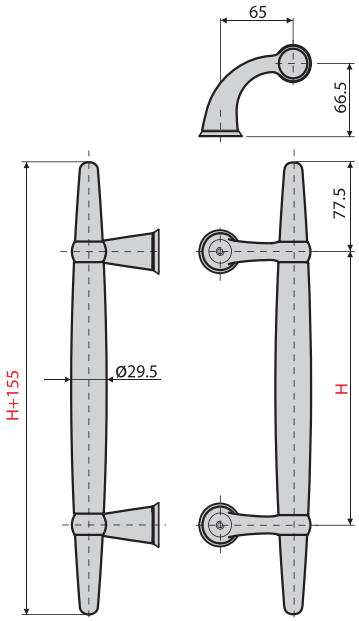
Artikal	H (mm)
1033.10	200
1033.20	250
1033.30	300

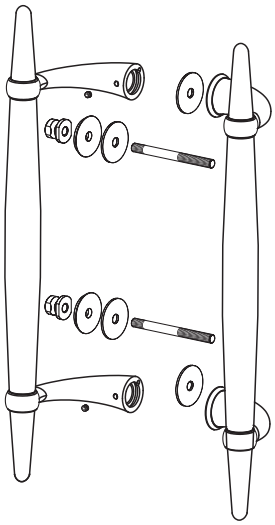




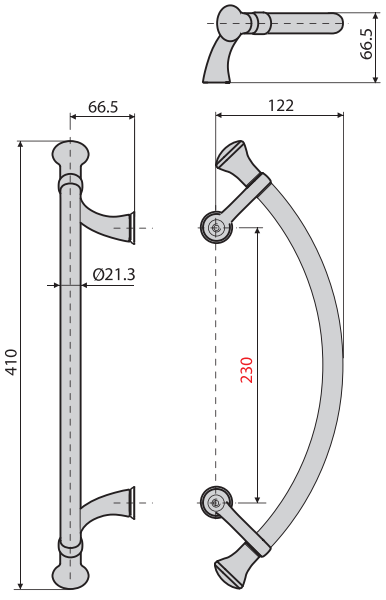


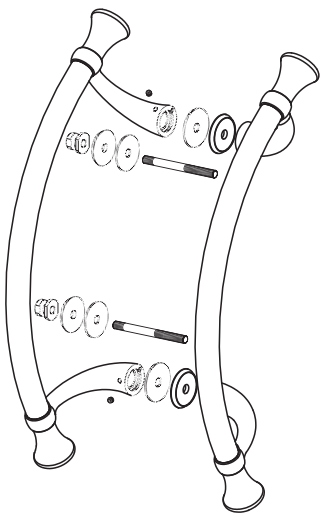
Artikal	H (mm)
1034.10	200
1034.20	250
1034.30	300





Artikal	H (mm)
1035.00	230





Montaza rukohvata

Assembly for pull handle

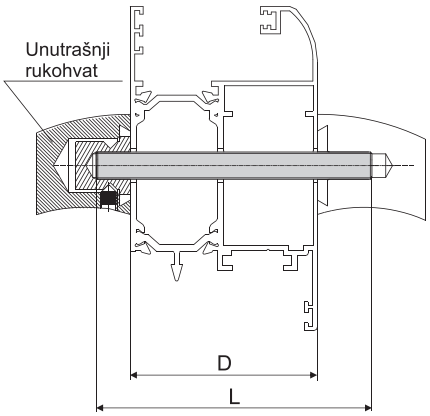
Инструкция по установке ручки

Tehničke informacije:
Proizveden mehaničkom obradom cevi i šipki od nerđajućeg čelika (AISI 304).
Zavrtnji od nerđajućeg čelika.
Technical information:
Produced from stainless steel tubes and bars (AISI 304) by the mechanical treatment. Stainless steel screws.
Техническая информация:
Изготовлены путем механической обработки труб и прутков из нержавеющей стали (AISI 304).
Винты из нержавеющей стали.

Napomena:
Brezone, pri montaži skratiti na potrebnu dužinu.
Skraćivanje prema formuli:
L=32+S (mm), gde je L potrebna dužina,
a S debljina profila.
Note:
Screws, item 2 are to be shortened to a required length during mounting.
Shortening is acc. to the formula:
L=32+S (mm), with L as a required length
and S as the profile thickness.
Примечание:
Размеры шпильки зависят от ширины профиля.
Длина шпильки определяется по формуле:
L=32+S (мм), где L – требуемая длина винта,
S – ширина профиля.

Pažnja !!! Attention !!! Внимание !!!
Proizvođač preporučuje održavanje rukohvata od INOX-a dejonizovanom vodom i pamučnom tkaninom.
The manufacturer recommends stainless steel door pull handles maintenance by deionized water and cotton clotch.
Для ухода за ручками из нержавеющей стали, изготовитель рекомендует использовать деионизированную воду и ткань из хлопка.

Montažni crtež
Assembly drawing
Монтажный чертеж

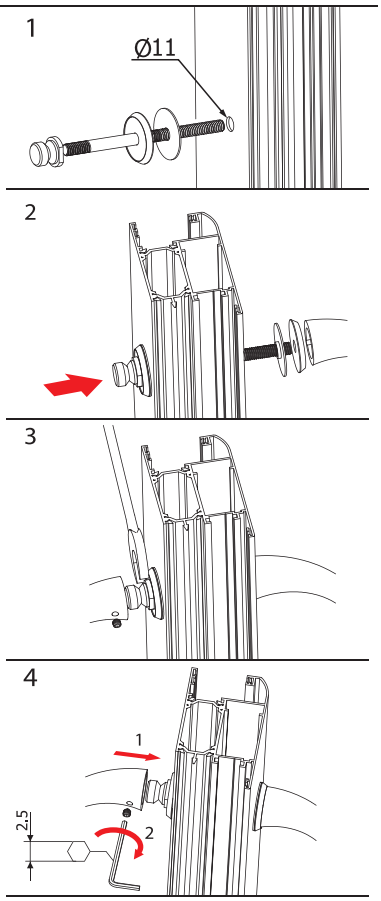


L = 32 + S (mm)

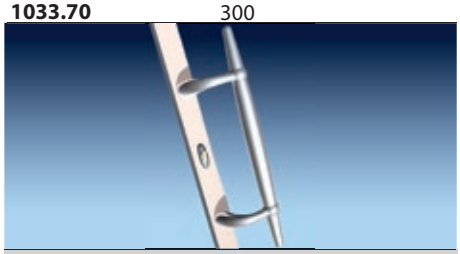
Skraćivanje brezona
Screw cutting
Укорачивание винта

S – Debljina profila
S – profile thickness
S – Толщина профиля

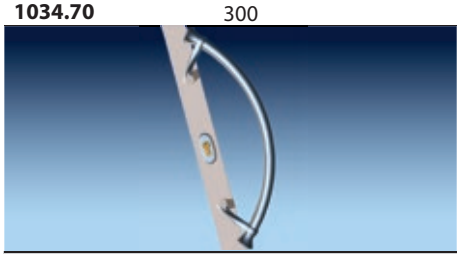
L – Potrebna dužina brezona
L – Required length screw
L – Требуемая длина винта



Artikal	H (mm)
1033.50	200
1033.60	250
1033.70	300

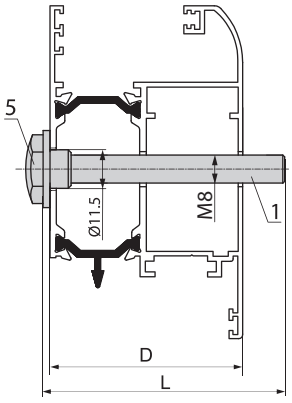


Artikal	H (mm)
1034.50	200
1034.60	250
1034.70	300



Artikal	H (mm)
1035.50	230

Montažni crtež za jednostrani rukohvat:
Assembly drawing for overside pull handles:
Инструкция по установке односторонней накладной ручки:



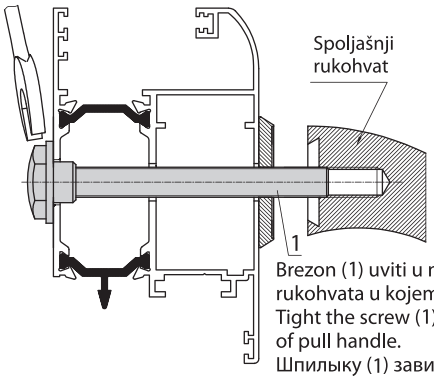
U navrtku (5) uviti brezon (1) i postaviti u profil.
Tight the screw (1) in the nut (5) and insert to profile.
Шпилыку (1) завинтить в гайку (5) и поставить в створку.

L = 22 + S (mm)

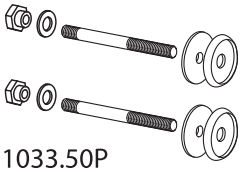
Skraćivanje brezona
Screw cutting
Укорачивание винта

S – Debljina profila
S – profile thickness
S – Толщина профиля

L – Potrebna dužina brezona
L – Required length screw
L – Требуемая длина винта

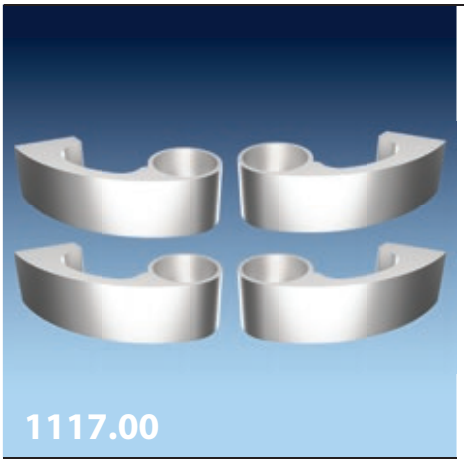


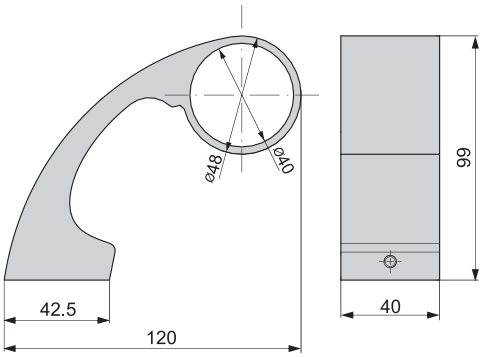
Brezon (1) uviti u nosač spoljašnjeg rukohvata u kojem je urezan navoj M8.
Tight the screw (1) in carrier of pull handle.
Шпилыку (1) завинтить в внешнюю ручку с резьбой M8.

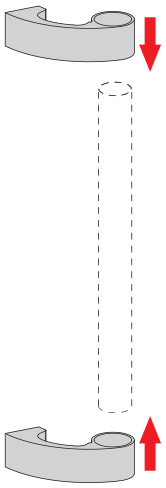


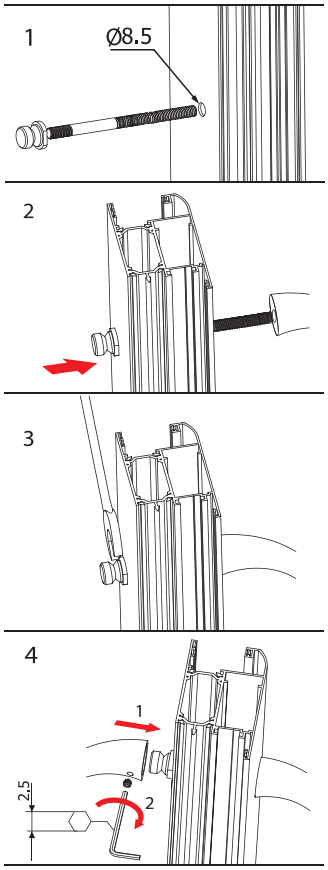
1033.50P

Rukohvat za vrata
Door pull handle
Дверная ручка







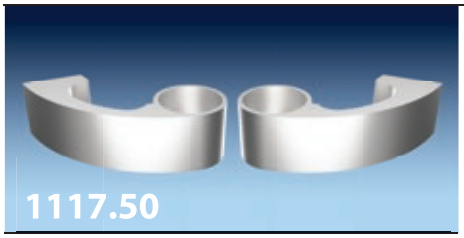


SR / Tehničke informacije:
•Proizvedeno od ekstrudiranog aluminijumskog profila.
•Zavrtnji i navrtke od čelika.
•Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:
•Made of extruded aluminium profile.
•screw and screw nuts from steel.
•Surface protection powder coating and liquid painting.

RU / Техническая информация:
•Изготовлена из экструдированного алюминиевого профиля.
•Винты и шпильки из стали.
•Окончательная обработка, порошковая и жидкая краска.

	1117.00.P	
1	1117.03 Plastična podloška	4
2	Brezon M8x113.5	2
3	Cilindar / INOX	2

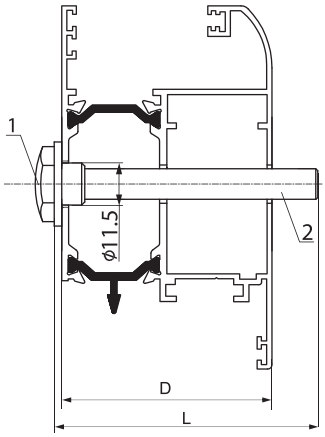


SR / Tehničke informacije:
•Proizvedeno od ekstrudiranog aluminijumskog profila.
•Zavrtnji i navrtke od čelika.
•Završna obrada, praškasta i tečna prevlaka.

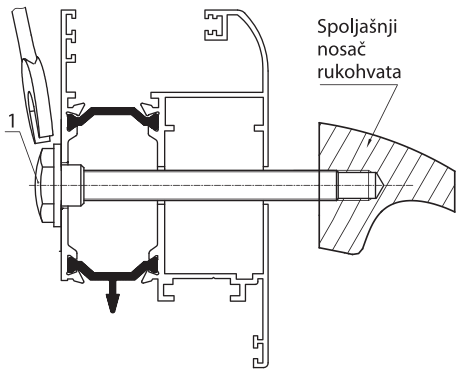
EN / Technical information:
•Made of extruded aluminium profile.
•screw and screw nuts from steel.
•Surface protection powder coating and liquid painting.

RU / Техническая информация:
•Изготовлена из экструдированного алюминиевого профиля.
•Винты и шпильки из стали.
•Окончательная обработка, порошковая и жидкая краска.

U navrtku (1) uviti brezon (2)
i postaviti u profil.
Tight the screw (1) in the nut (2)
and insert to profile.
Шпилыку (1) завинтить в гайку (2)
и поставить в створку.



Brezon (2) uviti u nosač spoljašnjeg rukohvata u kojem je urezan navoj M8.
Tight the screw (2) in carrier of pull handle.
Шпилыку (2) завинтить в внешнюю ручку с резьбой M8.



	1117.50.P	
1	Šestougaona navrtka	2
2	Brezon M8x113.5	2
3	Podloška / INOX Ø22x2	2
4	1117.03 Plastična podloška	2

L = 8 + S (mm)

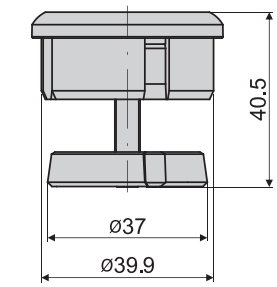
Skraćivanje brezona
Screw cutting
Укорачивание винта

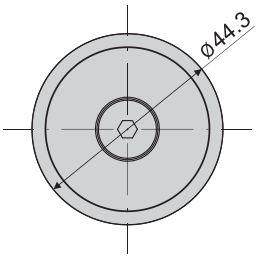
S – Debljina profila
S – profile thickness
S – Толщина профиля

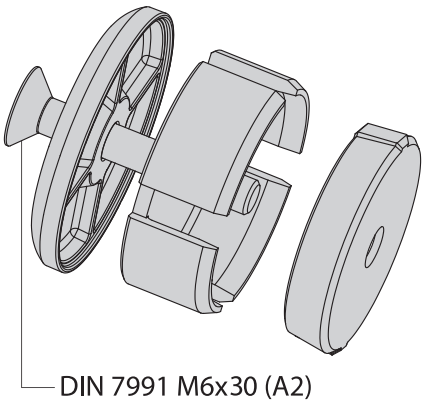
L – Potrebna dužina brezona
L – Required length screw
L – Требуемая длина винта

Rukohvat za vrata
Door pull handle
Дверная ручка

Artikal	Poklopac (materijal)
1117.10.10	Poliamid
1117.10.20	Legura cinka
1117.10.30	Aluminijum







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2065.00.....126
2109.00.....129
2101.00.....132
2030.00.....134
2075.00, 2076.00.....136
2113.00.....137
2102.01, 2102.02.....138
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Spojnice
Hinges
Петли

	Primena Use Применение	Materijal Material Материал	Privatna upotreba Private use Частное использование		Javna upotreba Publib use Общественное пользование		Završna obrada Finishing Покрытие
			2 spojnice 2 hinges 2 петли	3 spojnice 3 hinges 3 петли	2 spojnice 2 hinges 2 петли	3 spojnice 3 hinges 3 петли	
2001.00	AL-PV АЛ-ПВ	6	90kg	100kg	90kg	100kg	Elektrostatski farbano po RAL-u Electrostatically painted by RAL Электростатическая покраска по RAL-у
2002.00	AL-PV АЛ-ПВ	1	90kg	100kg	90kg	100kg	
2003.00	AL-PV АЛ-ПВ	5	80kg	95kg	80kg	95kg	
2011.00	AL-PV АЛ-ПВ	5	85kg	90kg	85kg	90kg	
2011.60	AL-PV АЛ-ПВ	5	85kg	90kg	85kg	90kg	
2122.00	AL-PV АЛ-ПВ	5	85kg	90kg	85kg	90kg	
2123.00	AL-P АЛ-П	5	75kg	80kg	75kg	80kg	
2012.00	AL-P АЛ-П	5	75kg	80kg	75kg	80kg	
2027.00	AL-P АЛ-П	5	75kg	80kg	75kg	80kg	
2022.00	AL-P АЛ-П	5	75kg	80kg	75kg	80kg	
2023.00	AL-P АЛ-П	5	70kg	75kg	70kg	75kg	
2028.00	AL-P АЛ-П	5	75kg	80kg	75kg	80kg	
2028.50	AL-P АЛ-П	5	75kg	80kg	75kg	80kg	
2013.00	AL-PV АЛ-ПВ	5	85kg	95kg	85kg	95kg	
2004.00	AL-V АЛ-В	2	90kg	110kg	80kg	95kg	
2029.00	AL-V АЛ-В	2	100kg	110kg	100kg	105kg	
2129.00	AL-V АЛ-В	2	100kg	110kg	100kg	105kg	
2024.00	AL-V АЛ-В	2	80kg	100kg	70kg	85kg	
2025.00	AL-Ž АЛ-Ž	2	80kg	100kg	70kg	85kg	
2006.00	AL-V АЛ-В	2	100kg	120kg	90kg	110kg	
2026.00	AL-V АЛ-В	2	90kg	110kg	80kg	95kg	
2096.00	AL-V АЛ-В	4	110kg	120kg	110kg	115 kg	
2090.00	AL-V АЛ-В	4	110kg	120kg	110kg	115 kg	
2190.00	AL-V АЛ-В	4	110kg	120kg	110kg	115 kg	
2104.00	AL-V АЛ-В	2	110kg	120kg	110kg	115kg	
2124.00	AL-V АЛ-В	2	110kg	120kg	110kg	115kg	
2065.00	AL-V АЛ-В	4	120kg	/	120kg	/	
2066.00	AL-V АЛ-В	4	120kg	/	120kg	/	
2067.00	AL-V АЛ-В	4	120kg	/	120kg	/	
2068.00	AL-V АЛ-В	4	120kg	/	120kg	/	
2069.00	AL-V АЛ-В	4	120kg	/	120kg	/	
2108.00	AL-V АЛ-В	4	160kg	/	160kg	/	
2109.00	AL-V АЛ-В	4	160kg	/	160kg	/	
2110.00	AL-V АЛ-В	4	160kg	/	160kg	/	
2111.00	AL-V АЛ-В	4	160kg	/	160kg	/	
2112.00	AL-V АЛ-В	4	160kg	/	160kg	/	
2101.00	AL-PV АЛ-ПВ	7	80kg	/	80kg	/	
2030.00	PVC ПВХ	5	120kg	/	120kg	/	
2031.00	PVC ПВХ	5	120kg	/	120kg	/	
2032.00	PVC ПВХ	5	120kg	/	120kg	/	
2033.00	PVC ПВХ	5	120kg	/	120kg	/	

AL PV АЛ ПВ
Za sve tipove aluminijumskih sistema prozora i balkonskih vrata sa standardnim euro-žljebom
For all types of balcony door and window's aluminium systems with euro-groove
Для всех типов поворотных створок из алюминия с европазом. Для окон и дверей

AL-P АЛ-П
Za tipove aluminijumskih sistema prozora (sa standardnim euro-žljebom ili za Provedal sisteme)
For types of window's aluminium systems (with euro-groove or Provedal systems)
Для типов поворотных створок из алюминия (с европазом или системы PROVEDAL). Для окон

AL-V АЛ-В
Za sve tipove aluminijumskih sistema vrata
For all types of door aluminium systems
Для всех типов алюминиевых дверей

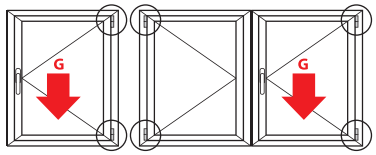
PVC ПВХ
Spojnice za vrata za PVC
Door hinges for PVC
Петля дверная для ПВХ

AL-Ž AL-Ž
Spojnice za žaluzine
Hinges for blinds
Петли для наружней установки

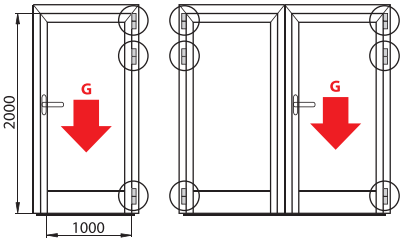
1. Spojnica: AlMgSi0.5 / Pribor: čelik, zamak / Osovina: INOX / Zavrtnji: A2
1. Hinge: AlmgSi0.5 /Accessories: steel, Zn alloy/ Pin: stainless steel/ Screws: A2
1. Петля: AlMgSi0.5 / Крепеж: сталь, ЦАМ / Ось: нержавеющая сталь / Винты: A2
2. Spojnica: AlMgSi0.5 / Pribor: zamak / Osovina: INOX / Zavrtnji: A2
2. Hinge: AlmgSi0.5 /Accessories: Zn -alloy/ Pin: stainless steel/ Screws: A2
2. Петля: AlMgSi0.5 / Крепеж: ЦАМ / Ось: нержавеющая сталь / Винты: A2
3. Spojnica: AlMgSi0.5 / Pribor: AlMgSi0.5 / Osovina: čelik / Zavrtnji: A2
3. Hinge: AlmgSi0.5 /Accessories: AlMgSio.5/ Pin: steel/ Screws: A2
3. Петля: AlMgSi0.5 / Крепеж: AlMgSi0.5 / Ось: сталь / Винты: A2
4. Spojnica: AlMgSi0.5 / Pribor: AlMgSi0.5 / Osovina: INOX / Zavrtnji: A2
4. Hinge: AlmgSi0.5 /Accessories: AlMgSio.5/ Pin: stainless steel/ Screws: A2
4. Петля: AlMgSi0.5 / Крепеж: AlMgSi0.5 / Ось: нержавеющая сталь / Винты: A2
5. Spojnica: AlMgSi0.5 / Pribor: čelik / Osovina: čelik / Zavrtnji: A2
5. Hinge: AlmgSi0.5 /Accessories: steel / Pin: stainless steel/ Screws: A2
5. Петля: AlMgSi0.5 / Крепеж: сталь / Ось: сталь / Винты: A2

Nosivost / Capacity / Допустимая нагрузка **G**

Prozor / Window / Окно



Vrata / Door / Дверь



6. Spojnica: AlMgSi0.5 / Pribor: čelik, zamak / Osovina: čelik / Zavrtnji: A2
6. Hinge: AlmgSi0.5 /Accessories: steel, Zn alloy/ Pin: steel/ Screws: A2
6. Петля: AlMgSi0.5 / Крепеж: сталь, ЦАМ / Ось: сталь / Винты: A2
7. Spojnica: INOX / Pribor: čelik, zamak
7. Hinge: stainless steel/Accessories: steel, Zn alloy
7. Петля: нержавеющая сталь / Крепеж: сталь, ЦАМ

Spojnice
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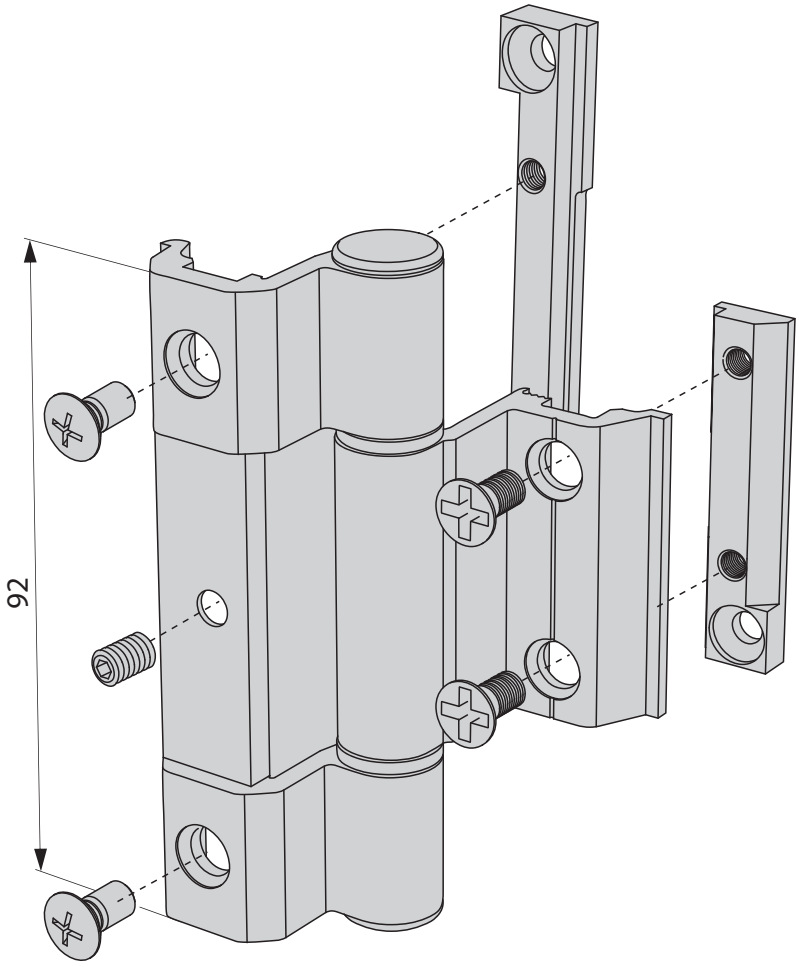
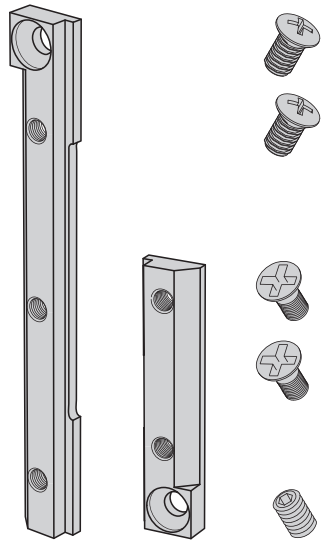
SR / Tehničke informacije:
•Proizvedeno od aluminijumskih profila.
•Pločice pribora od legure cinka.
•Plastični delovi su od poliamida.
•Zavrtnji od nerđajućeg čelika.
•Završna obrada, praškasta i tečna prevlaka.

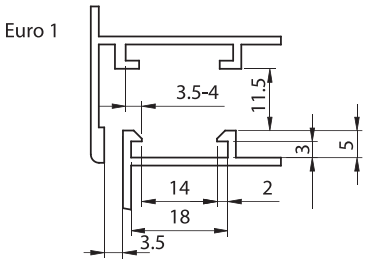
EN / Technical information:
•Manufactured aluminium profiles.
•Accesories counterplates of zink alloy.
•Plastic parts are made of polyamide.
•Screws are made out of stainless steel.
•Surface protection powder coating and liquid painting.

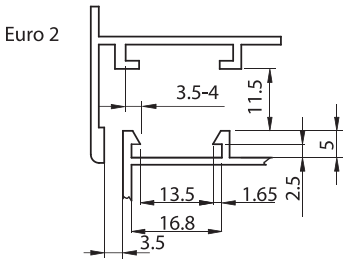
RU / Техническая информация:
•Изготовлена из алюминиевого профиля.
•Крепежные планки из сплава цинка.
• Детали прибора из полиамида.
•Винты из нержавеющей стали.
•Окончательная обработка, порошковая и жидкая краска.

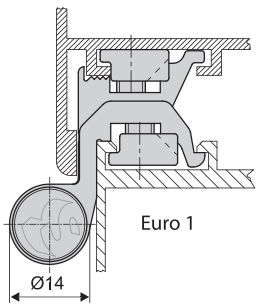


2001.00P

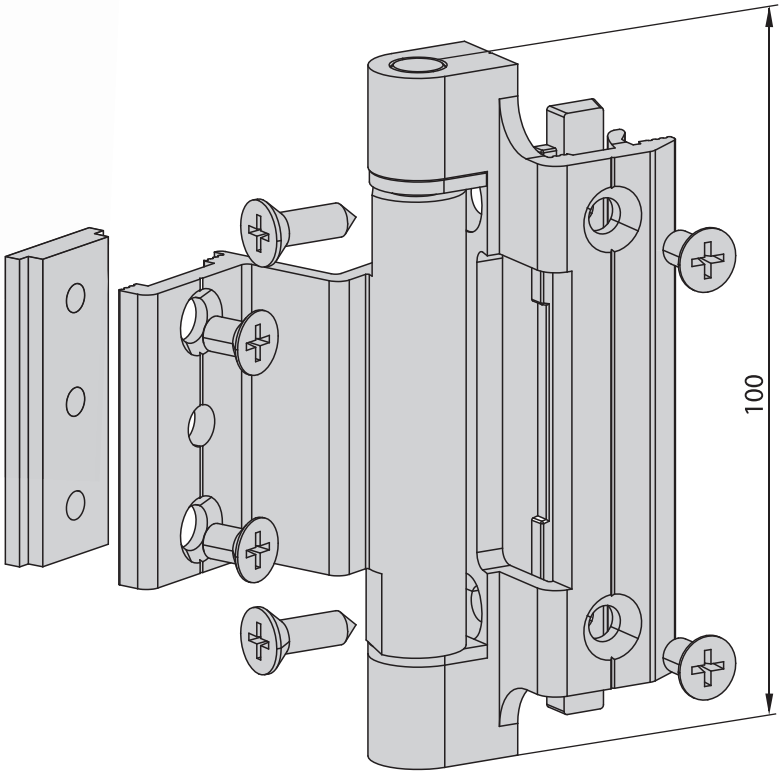








Spojnice
Hinges
Петли

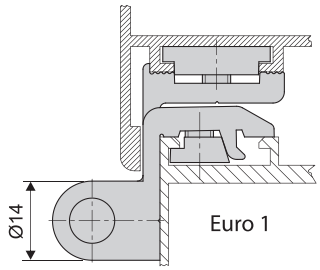


SR / Tehničke informacije:
- Proizvedeno od aluminijumskih profila.
- Pločice pribora od legure cinka i ekstrudiranog aluminijuma.
- Plastični delovi su od poliamida.
- Zavrtnji od nerđajućeg čelika.
- Završna obrada, praškasta i tečna prevlaka.

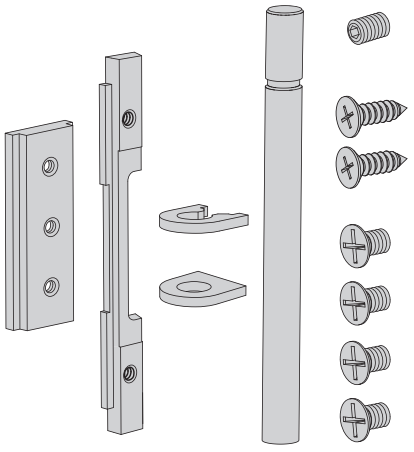
EN / Technical information:
- Manufactured aluminium profiles.
- Accesories counterplates are made of zinc alloy and extruded aluminum.
- Plastic parts are made of polyamide.
- Screws are made out of stainless steel.
- Surface protection powder coating and liquid painting.

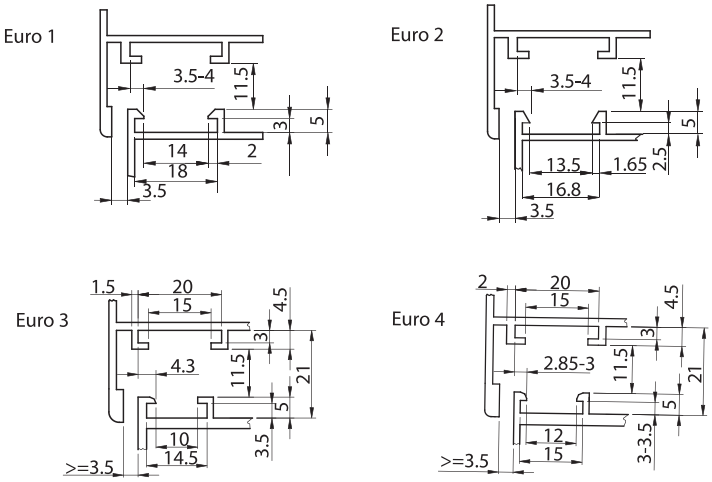
RU / Техническая информация:
- Изготовлена из алюминиевого профиля.
- Крепежные планки изготовлены из сплава цинка и экструдированного алюминия.
- Детали прибора из полиамида.
- Винты из нержавеющей стали.
- Окончательная обработка, порошковая и жидкая краска.

Proizvođač insistira na ugradnji odstojnika od PVC-a.
The producer insists on the installation of the PVC distance-piece.
Производитель настоятельно рекомендует ставить подложки из полиамида.



2002.00P



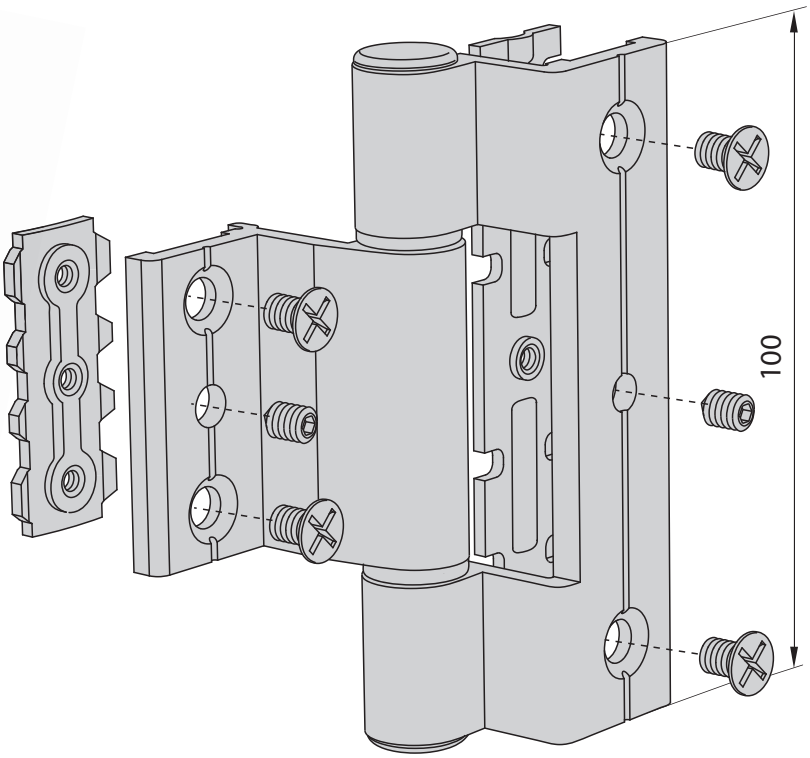


Spojnice
Hinges
Петли

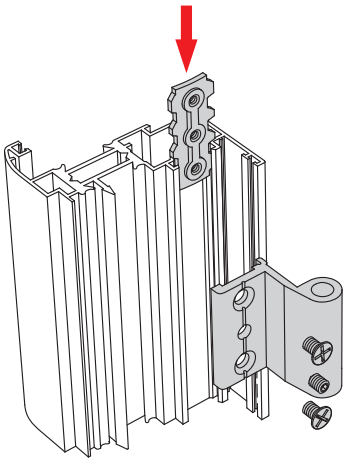
SR / Tehničke informacije:
•Proizvedeno od aluminijumskih profila.
•Pločice pribora od pocinkovanog čelika.
•Plastični delovi su od poliamida.
•Zavrtnji od nerđajućeg čelika.
•Završna obrada, praškasta i tečna prevlaka.

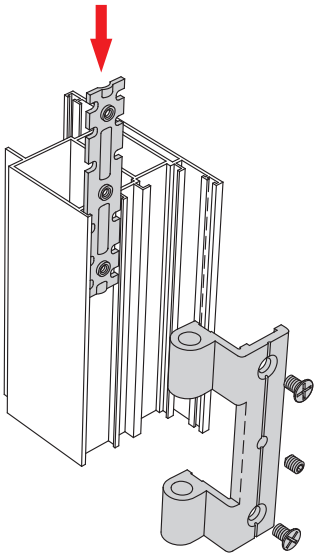
EN / Technical information:
•Manufactured aluminium profiles.
•Accesories counterplates of zink plated steel.
•Plastic parts are made of polyamide.
•Screws are made out of stainless steel.
•Surface protection powder coating and liquid painting.

RU / Техническая информация:
•Изготовлена из алюминиевого профиля.
•Крепежные планки из оцинкованной стали.
•Детали прибора из полиамида.
•Винты из нержавеющей стали.
•Окончательная обработка, порошковая и жидкая краска.

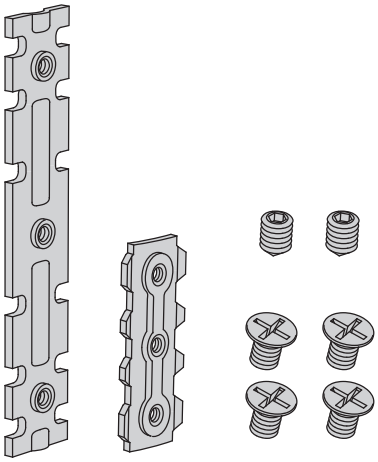


Montažni crtež
Assembly drawing
Монтажный чертеж

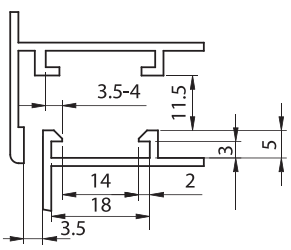


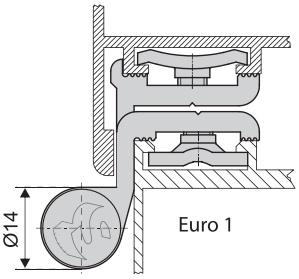


2003.00P



Euro 1



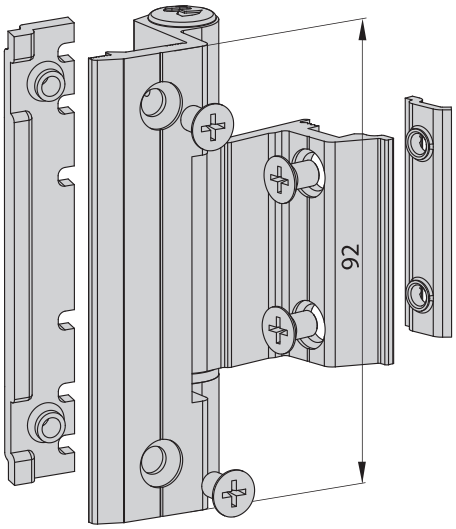


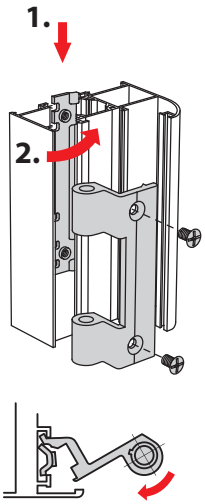
Spojnice
Hinges
Петли

SR / Tehničke informacije:
•Proizvedeno od aluminijumskih profila.
•Pločice pribora i zavrtnji od nerđajućeg čelika.
•Plastični delovi su od poliamida.
•Završna obrada, praškasta i tečna prevlaka.

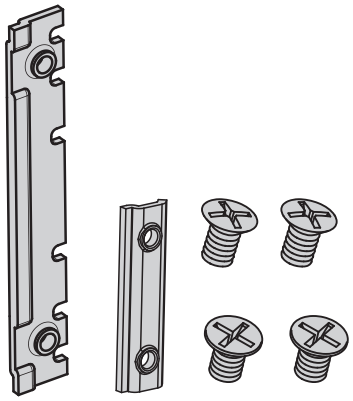
EN / Technical information:
•Manufactured aluminium profiles.
•Accesories counterplates and screws are made out of stainless steel.
•Plastic parts are made of polyamide.
•Surface protection powder coating and liquid painting.

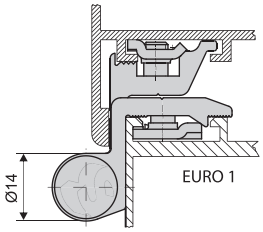
RU / Техническая информация:
•Изготовлена из алюминиевого профиля.
•Крепежные планки и винты из нержавеющей стали.
•Детали прибора из полиамида.
•Окончательная обработка, порошковая и жидкая краска.

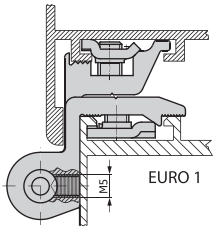


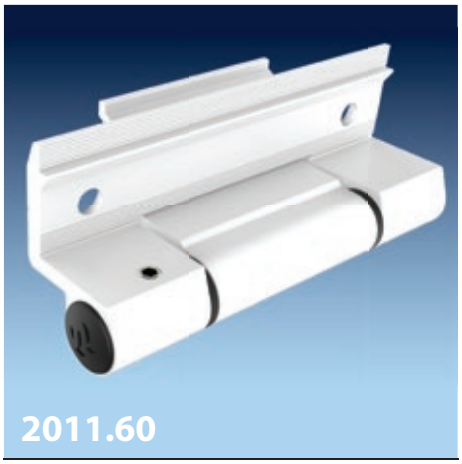


2011.00P

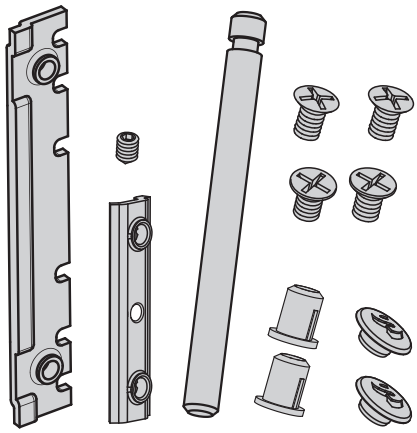


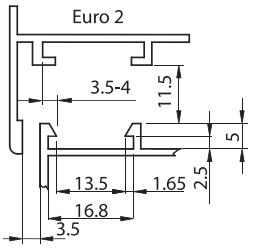


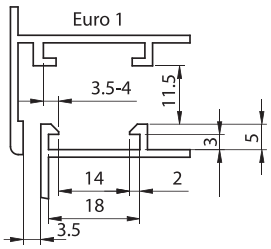


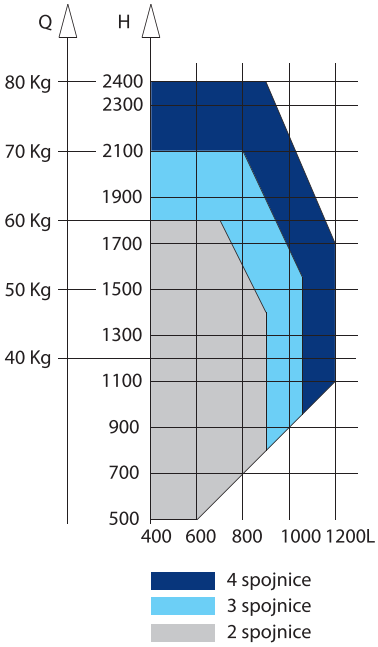


2011.60P







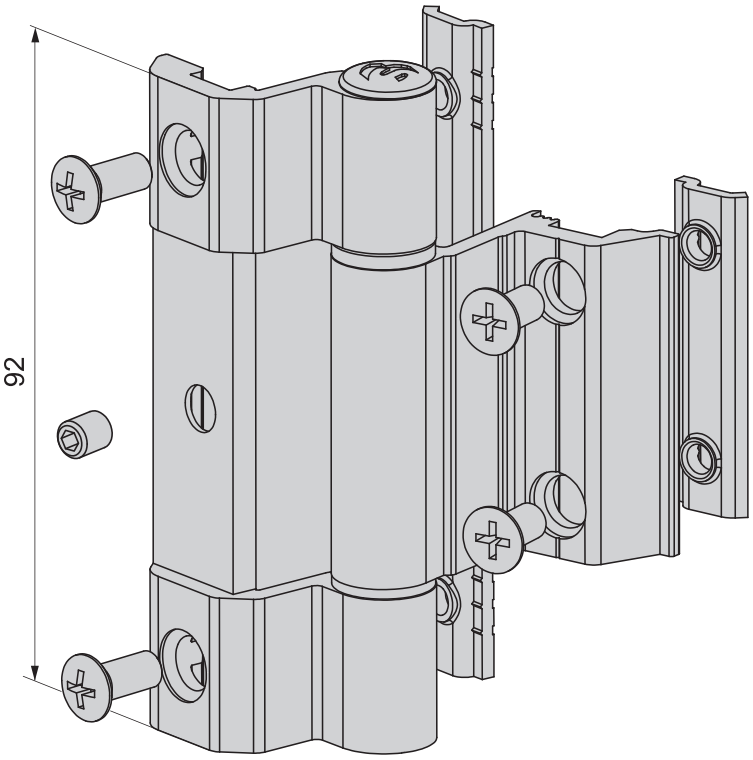


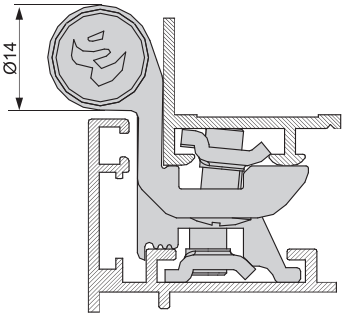
Spojnice
Hinges
Петли

SR / Tehničke informacije:
•Proizvedeno od aluminijumskih profila.
•Pločice pribora i zavrtnji od nerđajućeg čelika.
•Plastični delovi su od poliamida.
•Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:
•Manufactured aluminium profiles.
•Accesories counterplates and screws are made out of stainless steel.
•Plastic parts are made of polyamide.
•Surface protection powder coating and liquid painting.

RU / Техническая информация:
•Изготовлена из алюминиевого профиля.
•Крепежные планки и винты из нержавеющей стали.
•Детали прибора из полиамида.
•Окончательная обработка, порошковая и жидкая краска.





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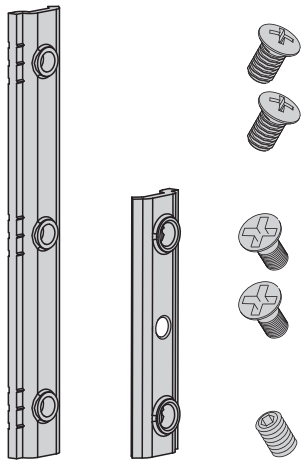

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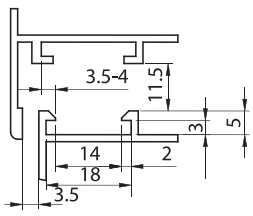

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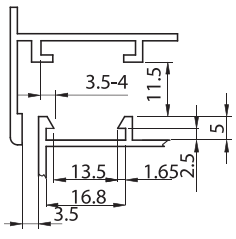

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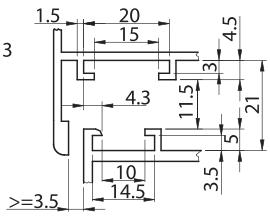

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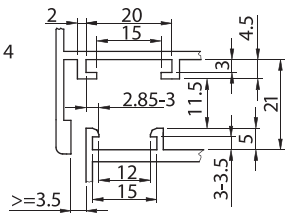

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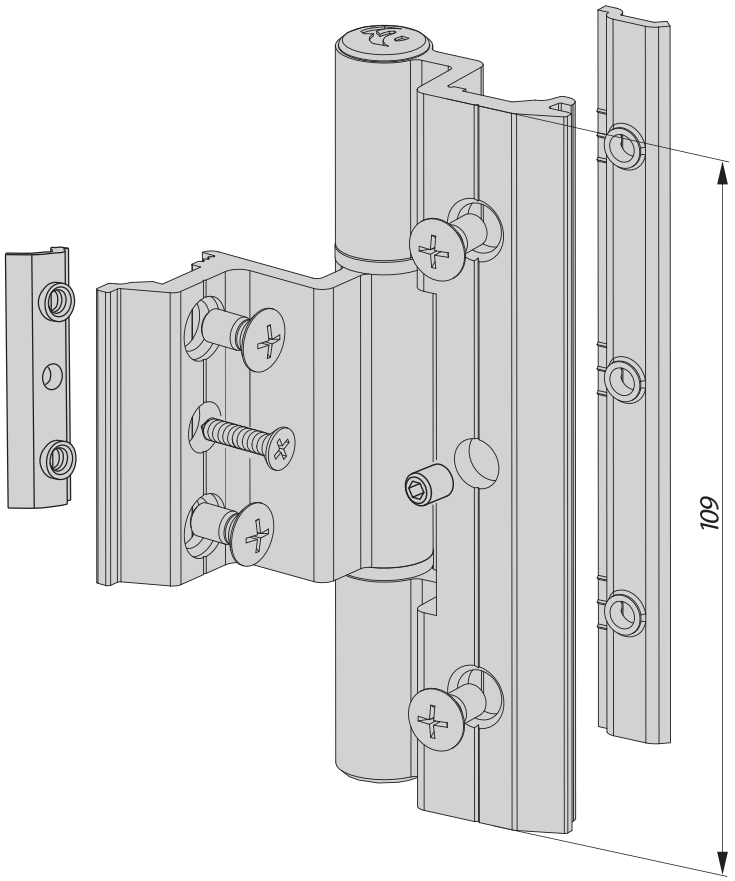

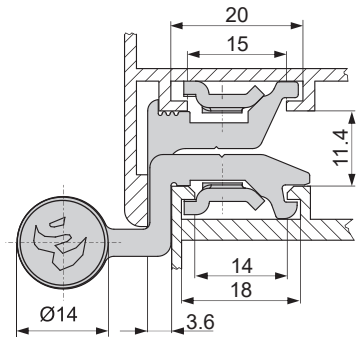

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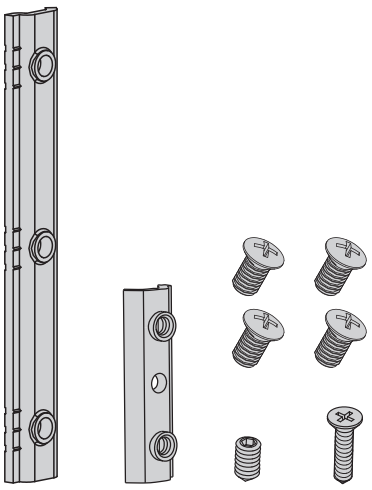

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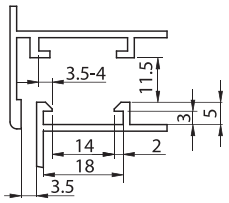

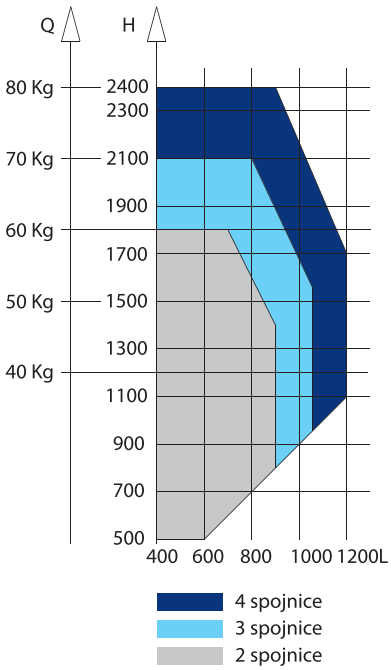

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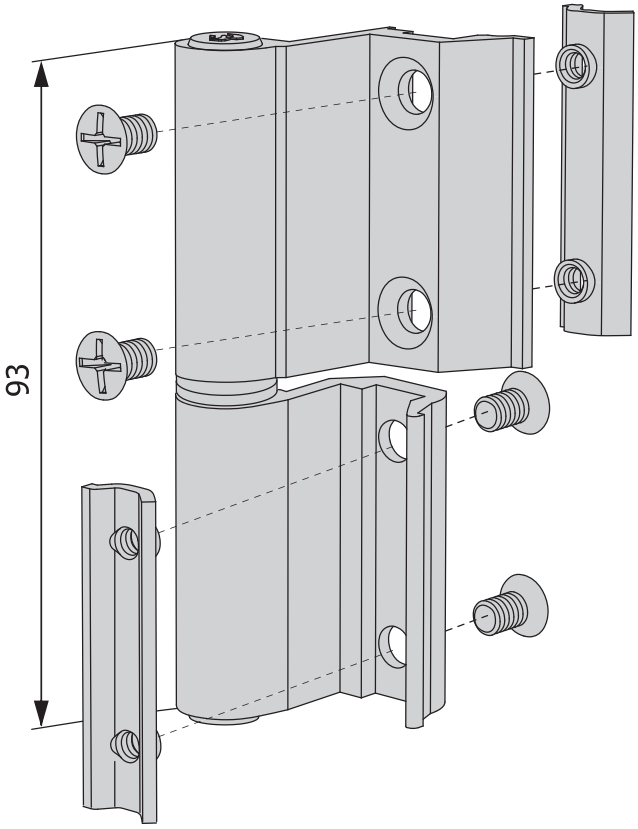

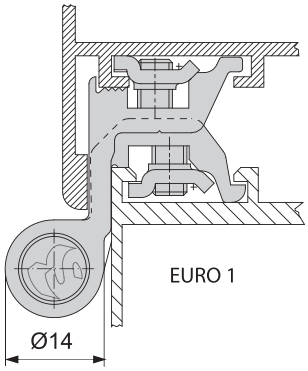

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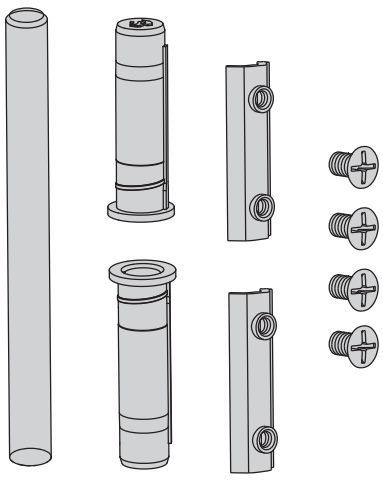

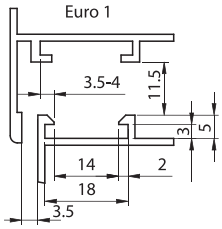

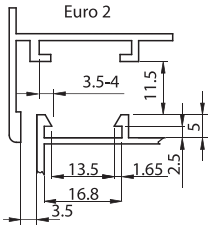

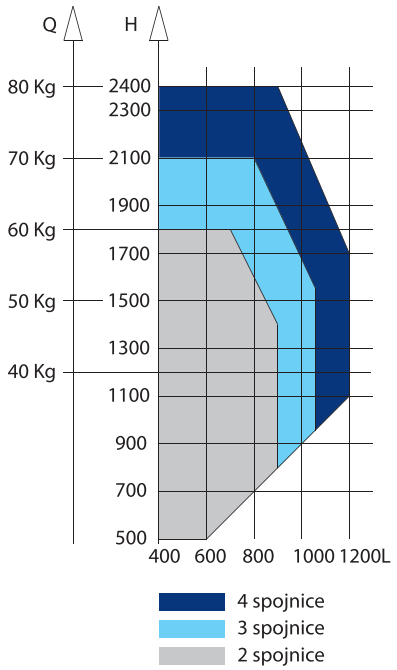

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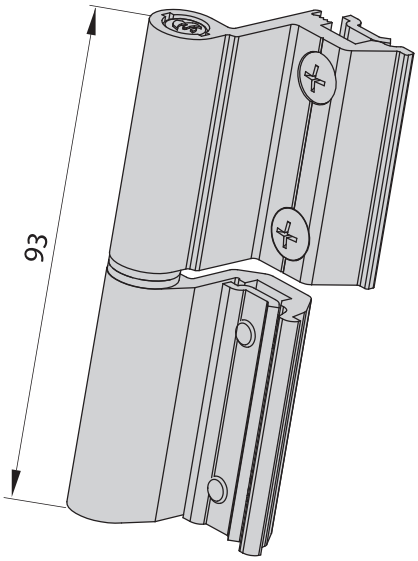

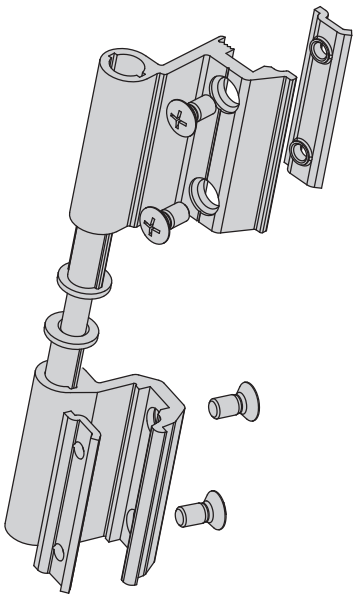

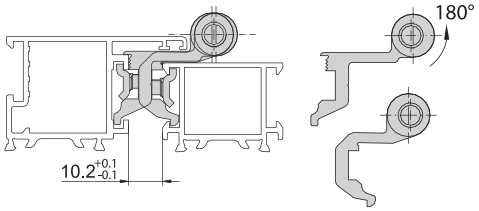

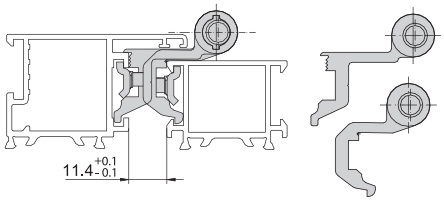

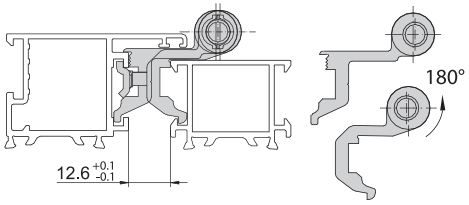

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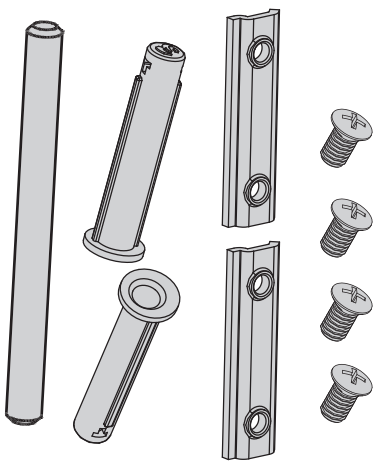

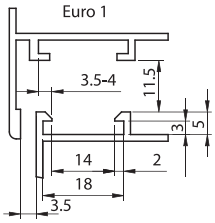

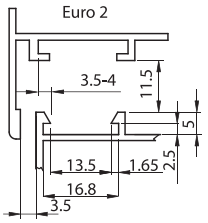

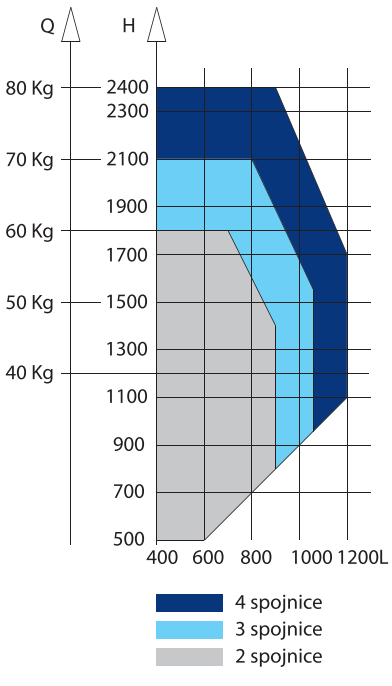

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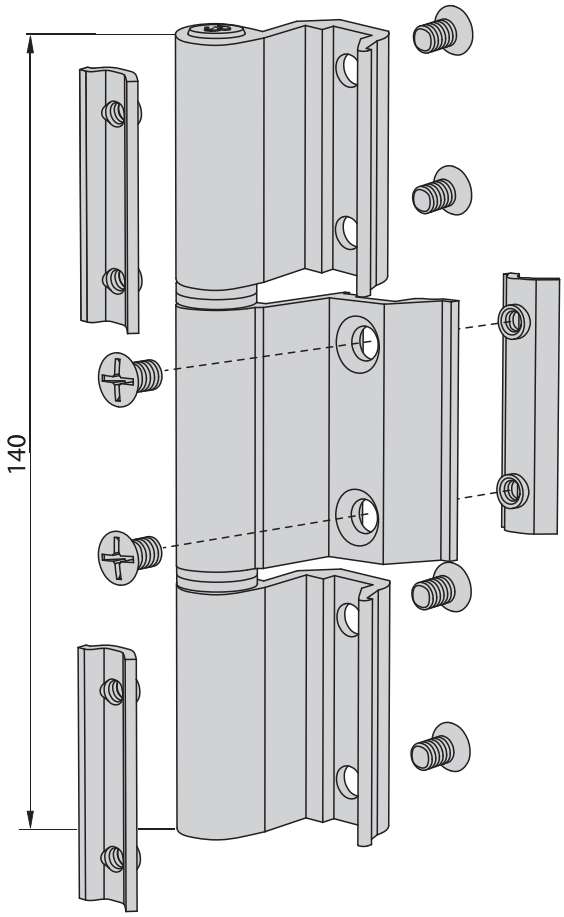

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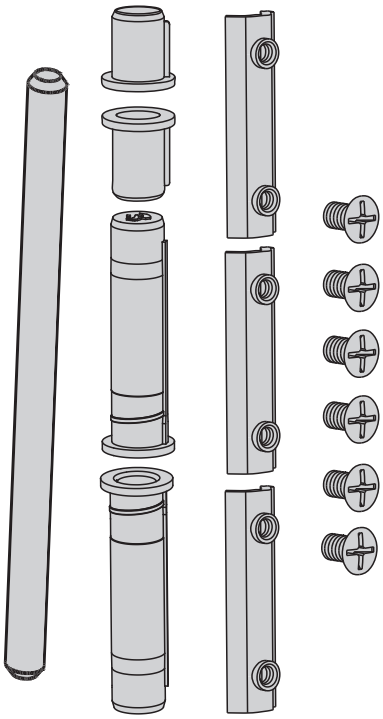
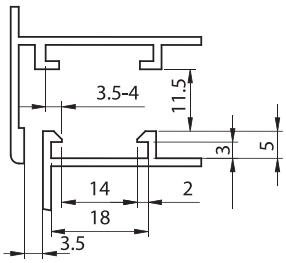
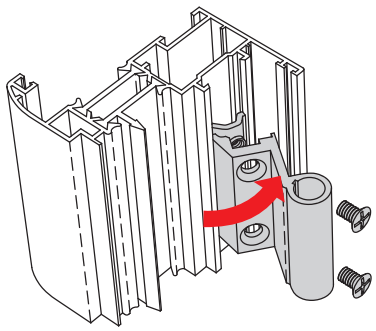


Euro 1





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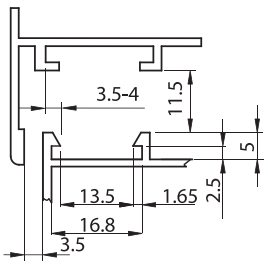

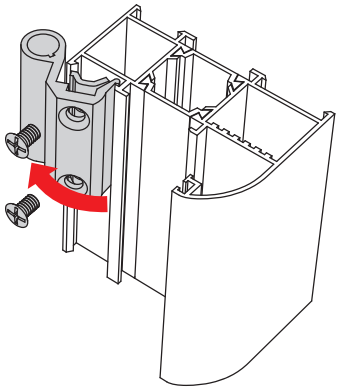

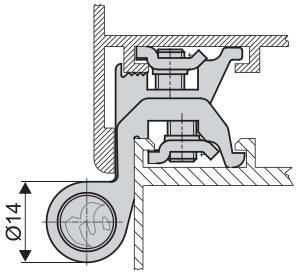

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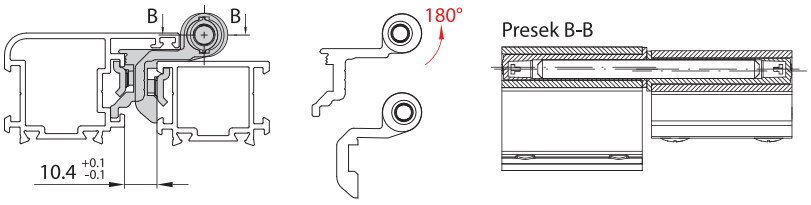

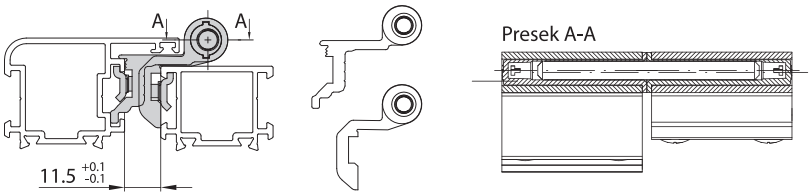

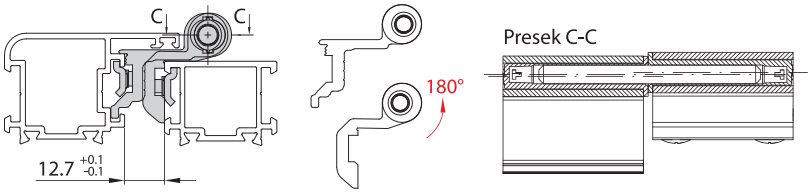

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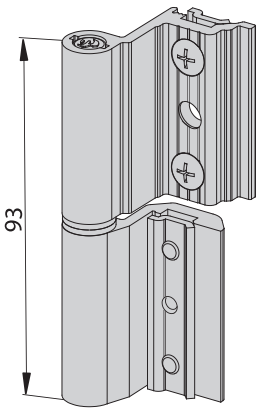

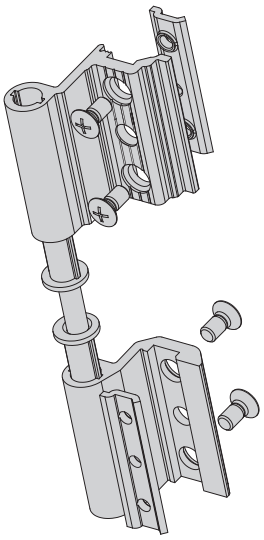

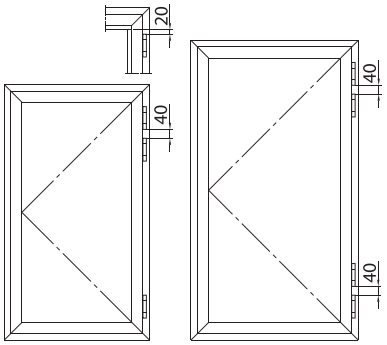

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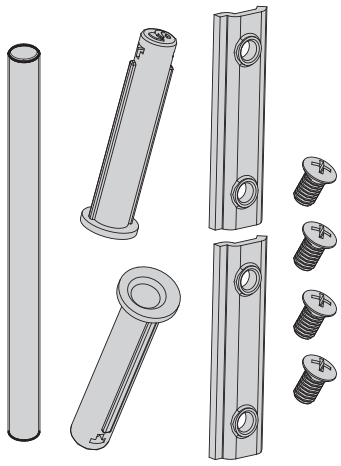

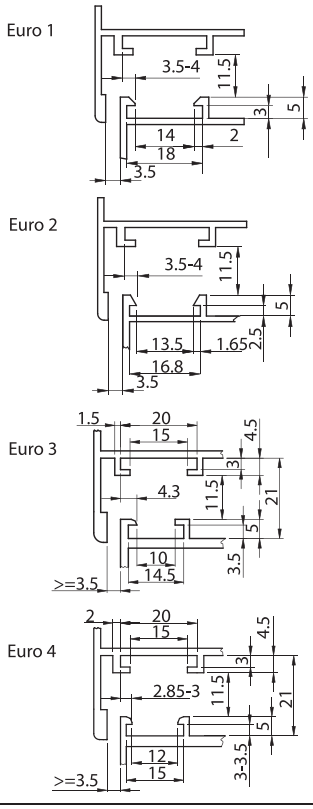

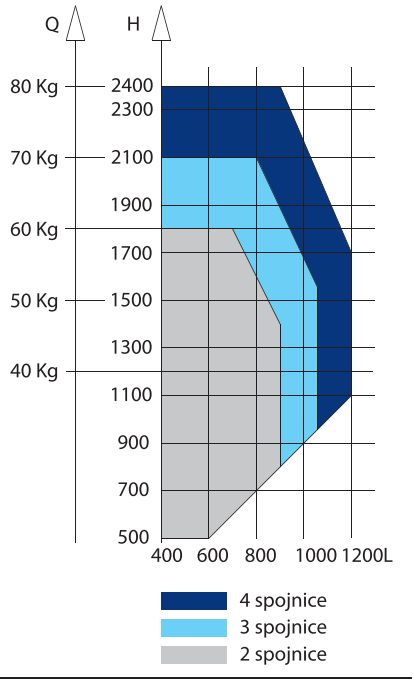

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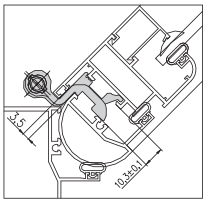

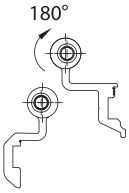

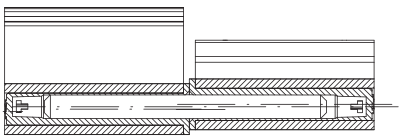

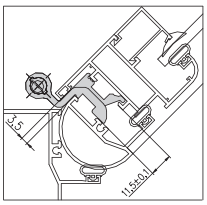

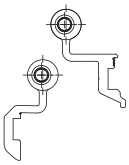

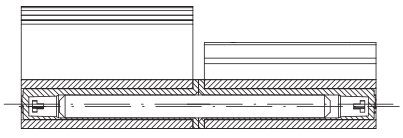

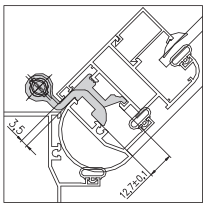

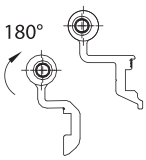

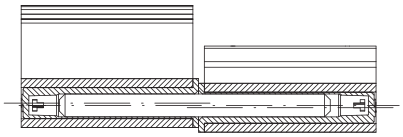

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- Детали прибора из полиамида.
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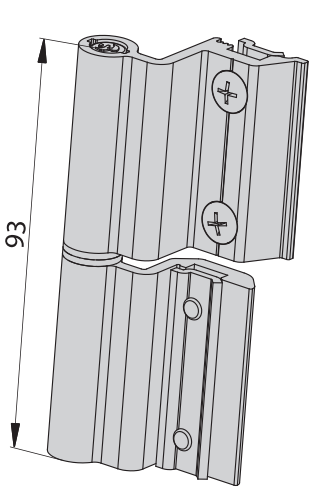

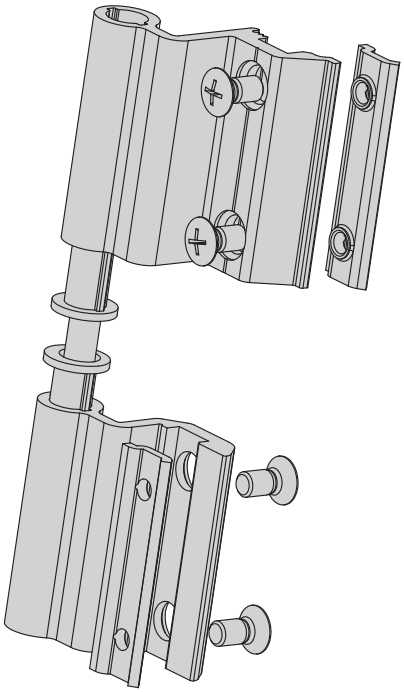

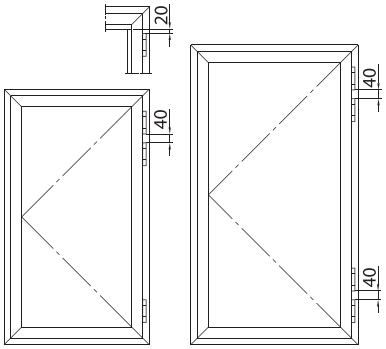

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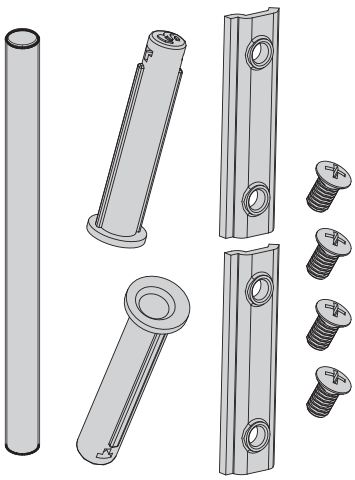
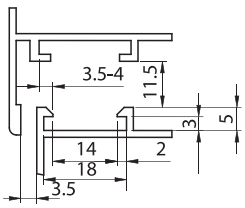


Euro 1



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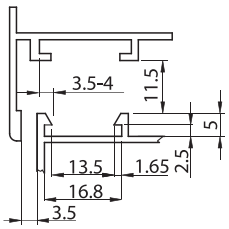

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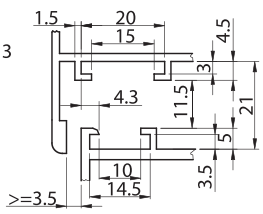

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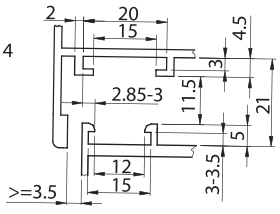
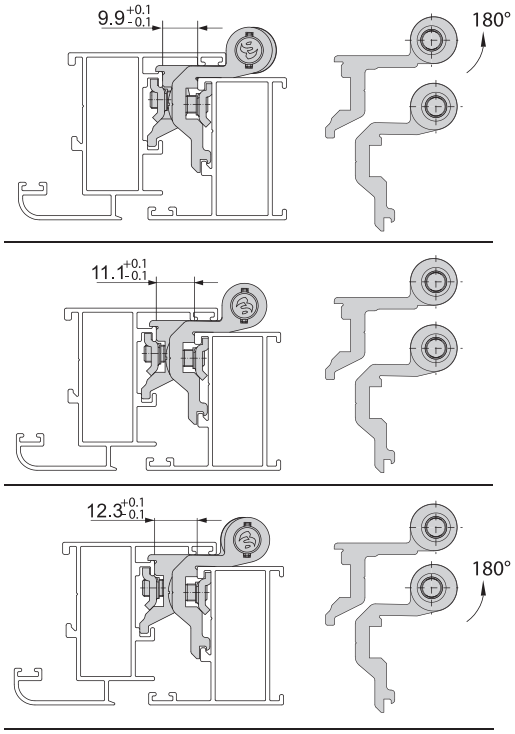
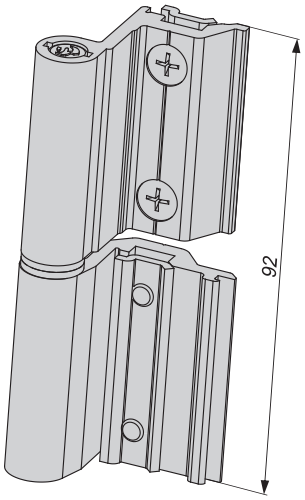


Spojnice
Hinges
Петли





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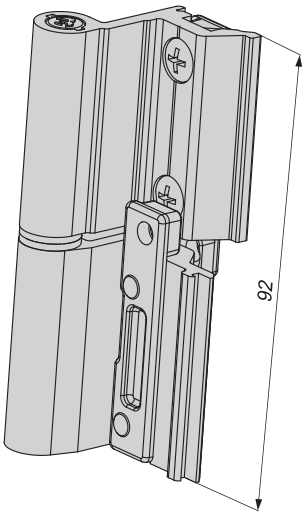
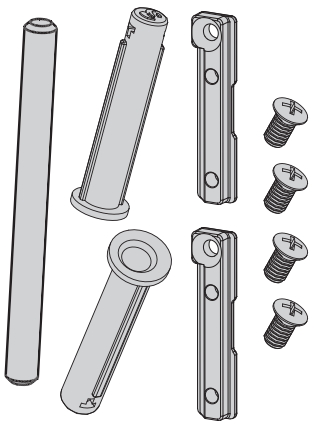
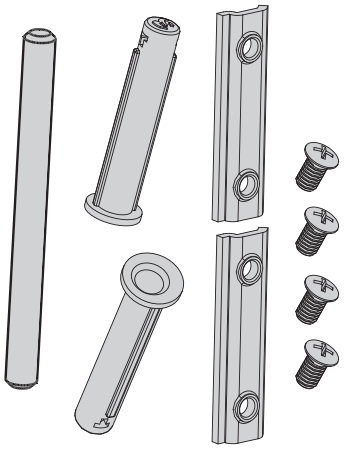


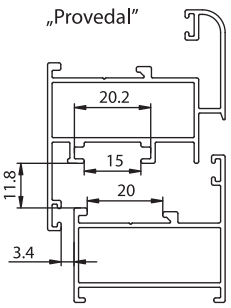
Spojnica sa podešavanjem u ravni prozora ±1.2mm
The hinge with adjustment in the door plane ±1.2mm
Петля для регулировки окна ±1.2 mm

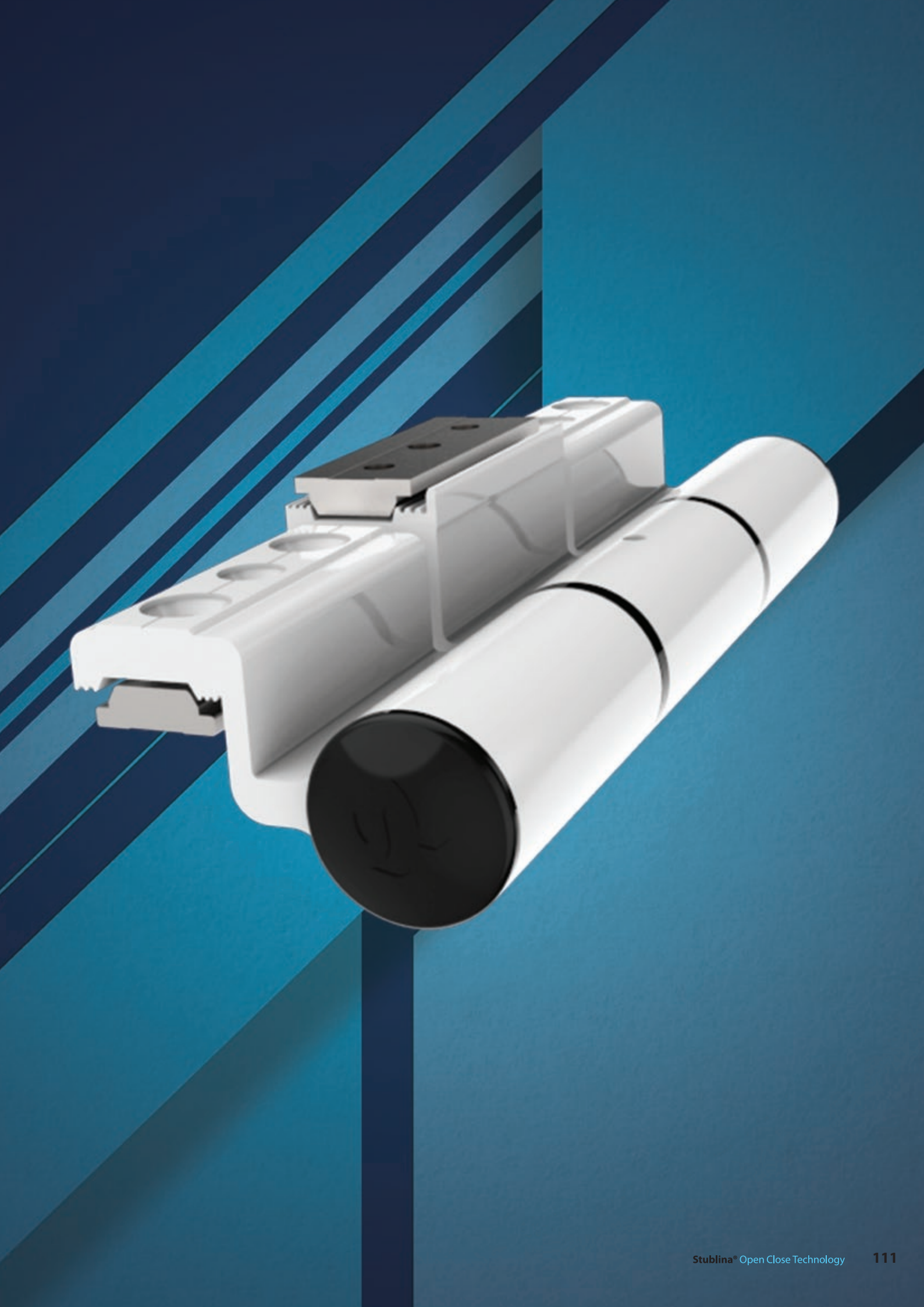
2028.50P

2028.00P









Spojnice
Hinges
Петли

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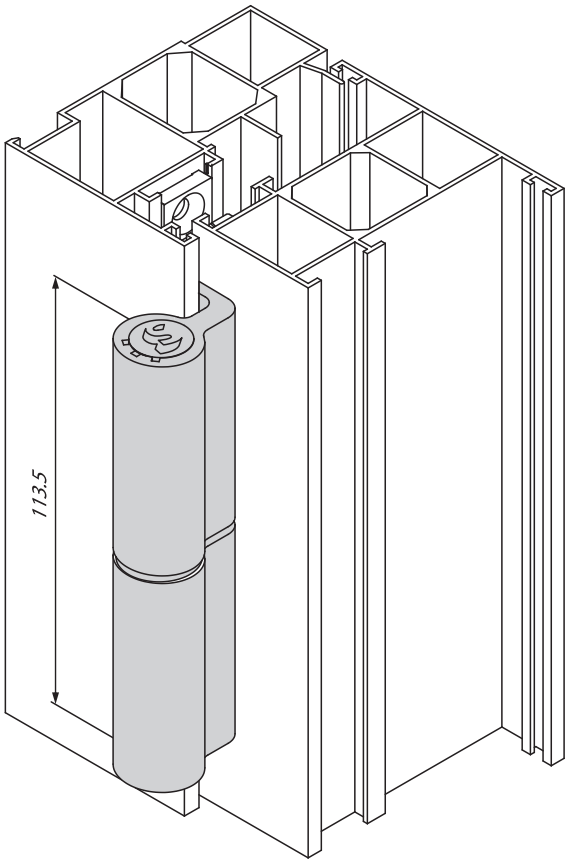
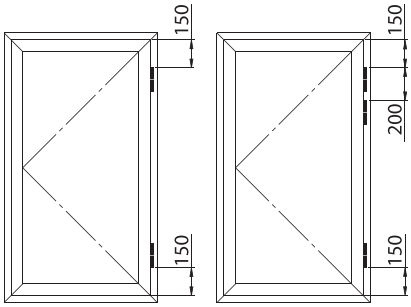


Preporuke za ugradnju
Recommendations for the installation
Рекомендации по установке



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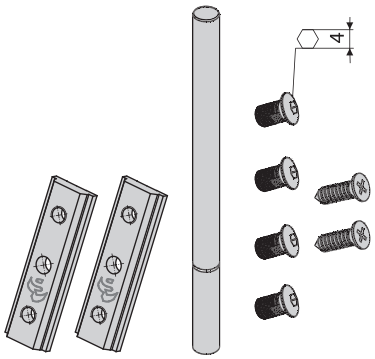
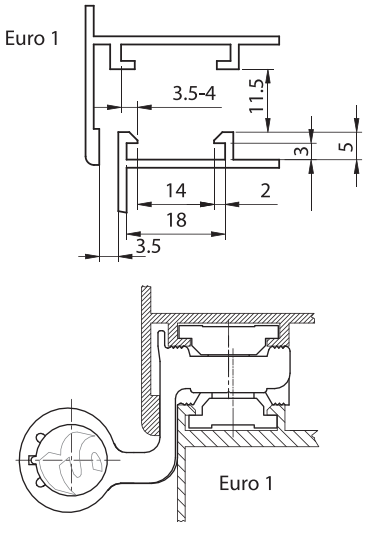


Euro 1



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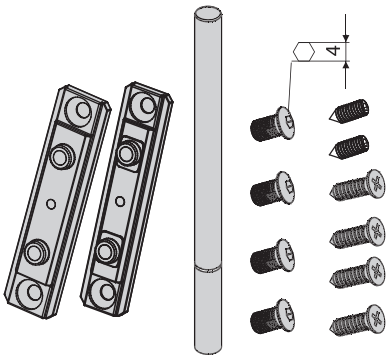

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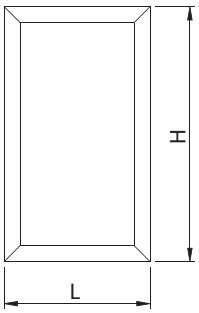
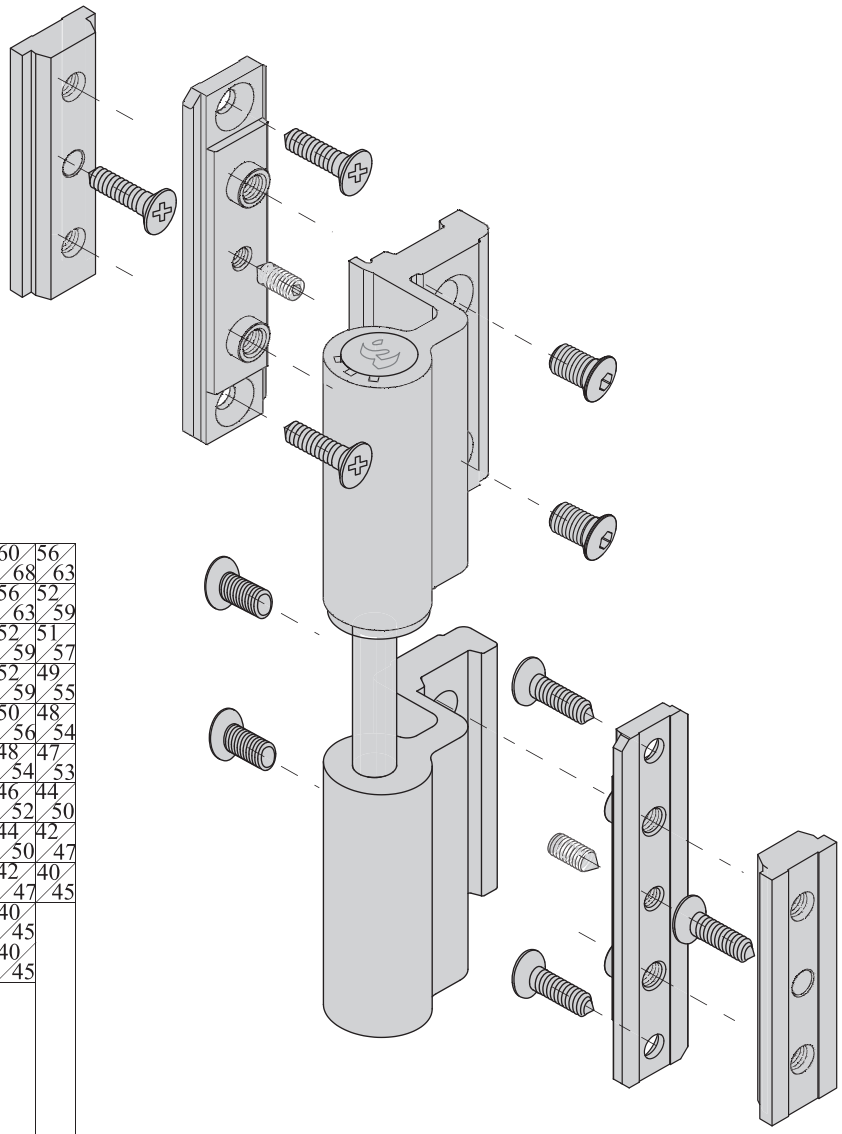




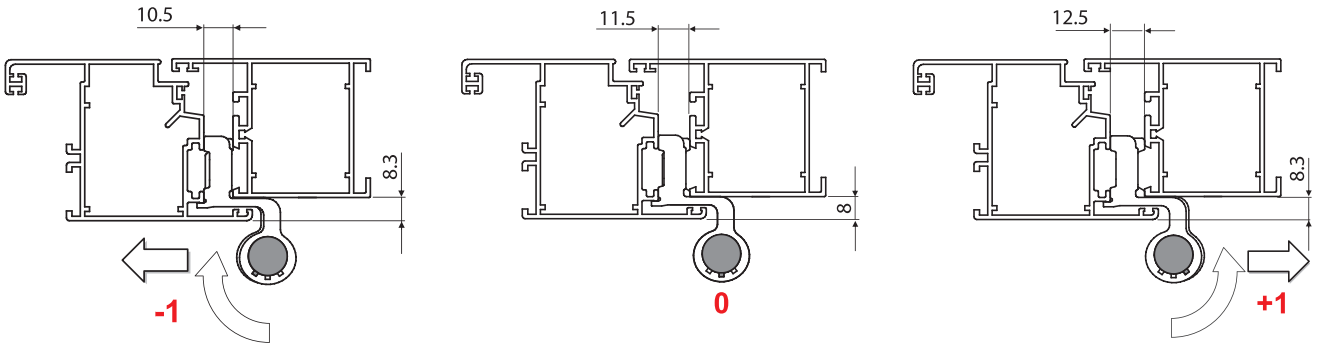
Dozvoljena nosivost spojnice
Allowed carrying capacity of the hinge
Допускаемая нагрузка

H / L	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800
2800	80/90	80/90	80/90	80/90	80/90	80/90	80/90	80/90	72/81	64/72	60/68	56/63
2700	80/90	80/90	80/90	80/90	80/90	80/90	80/90	80/90	68/77	60/68	56/63	52/59
2600	80/90	80/90	80/90	80/90	80/90	80/90	80/90	72/81	64/72	60/68	52/59	51/57
2500	80/90	80/90	80/90	80/90	80/90	80/90	80/90	68/77	60/68	56/63	52/59	49/55
2400	80/90	80/90	80/90	80/90	80/90	80/90	72/81	64/72	58/65	52/59	50/56	48/54
2300	80/90	80/90	80/90	80/90	80/90	80/90	66/74	60/68	56/63	51/57	48/54	47/53
2200	80/90	80/90	80/90	80/90	80/90	72/81	64/72	56/63	52/59	50/56	46/52	44/50
2100	80/90	80/90	80/90	80/90	80/90	66/74	58/65	52/59	50/56	46/52	44/50	42/47
2000	80/90	80/90	80/90	80/90	72/81	62/70	56/63	50/56	48/54	45/51	42/47	40/45
1900	80/90	80/90	80/90	80/90	64/72	56/63	52/59	48/54	44/50	42/47	40/45	
1800	80/90	80/90	80/90	72/81	60/68	52/59	48/54	46/52	44/50	42/47	40/45	
1700	80/90	80/90	80/90	64/72	56/63	51/57	46/52	44/50	42/47	40/45		
1600	80/90	80/90	68/76	58/65	52/59	48/54	44/50	42/47	40/45			
1500	80/90	80/90	63/71	52/59	48/54	45/51	43/47	40/45				
1400	80/90	68/77	56/63	50/56	46/52	42/47	40/45					
1300	80/90	61/67	52/59	48/54	44/49	40/45						

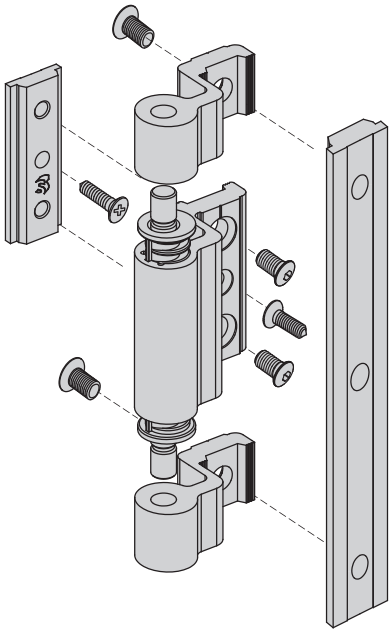
A (kg)
B (kg)

A - javna upotreba sa dve spojnice
B - privatna upotreba sa dve spojnice

Napomena: Ukoliko se ugrade tri spojnice
po preporuci, nosivost se uvećava za 10%.



Spojnice
Hinges
Петли



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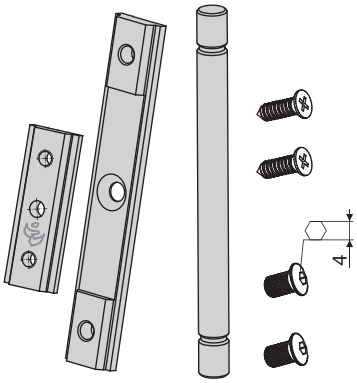

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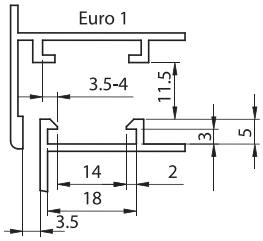

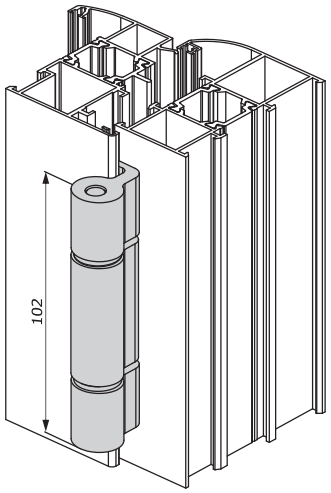

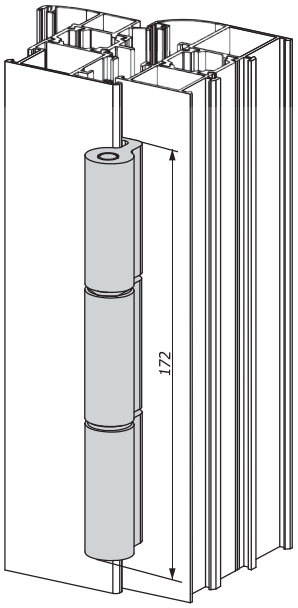

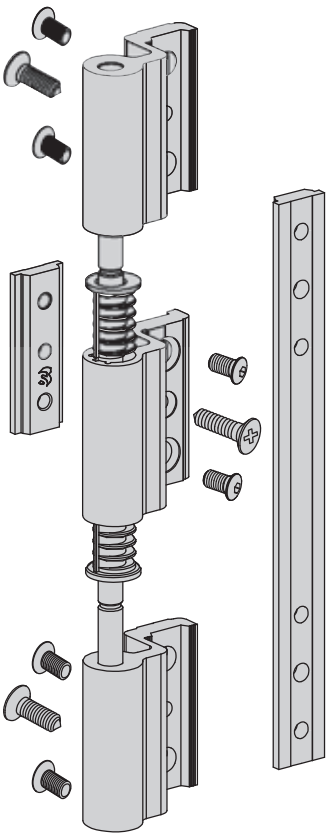

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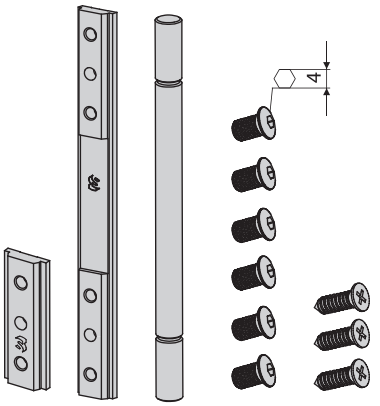
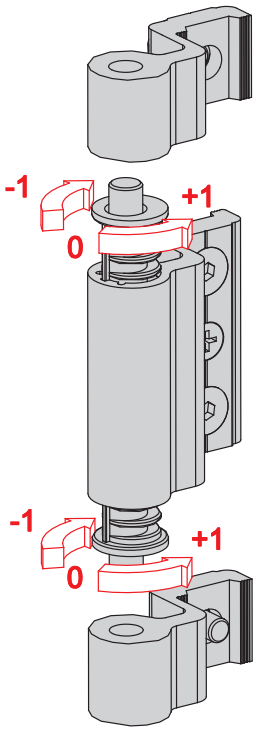


Spojnice
Hinges
Петли

2029.00



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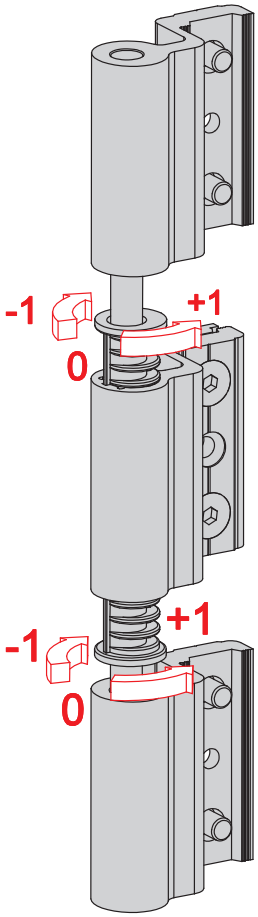
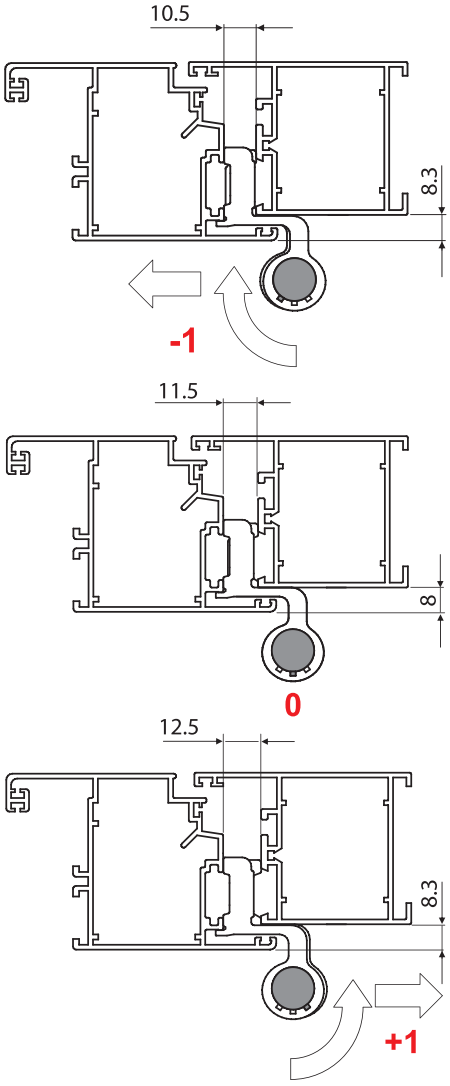
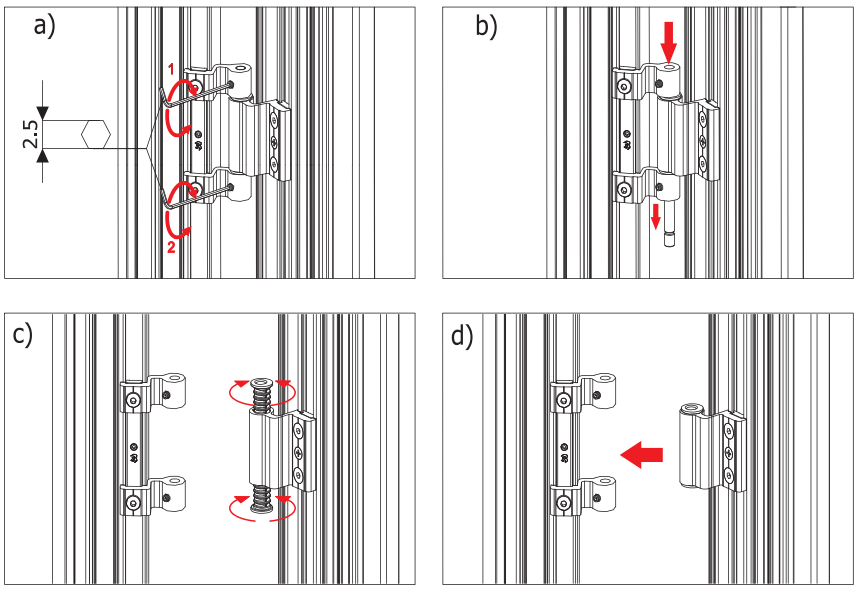




Napomena:
Prilikom podešavanja spojnice neophodno je da obe čaure budu u istom položaju.
Note:
When adjusting the hinge the both shells must be in the same position.
Примечание:
При регулировке петли необходимо, чтобы обе оболочки находиться в том же положении.

Preporuke za ugradnju
Recommendations for the installation
Рекомендации по установке



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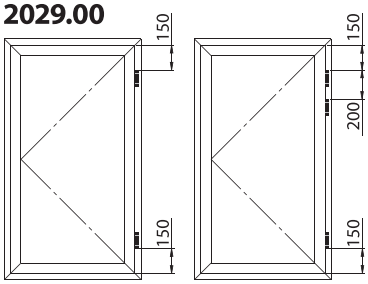

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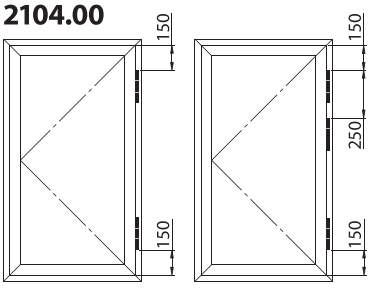

Spojnice
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SR / Tehničke informacije:
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•Pločice pribora ekstrudiranog aluminijuma.
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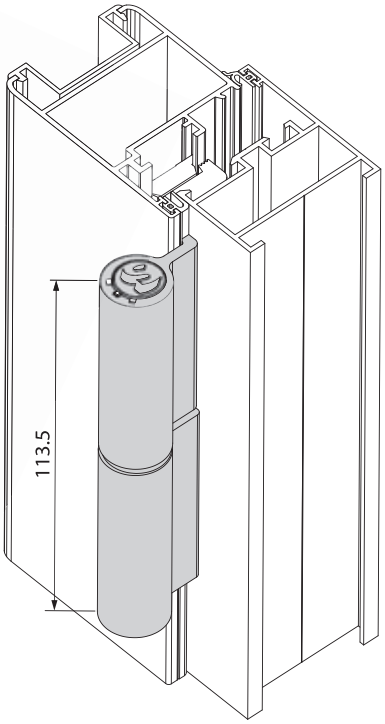

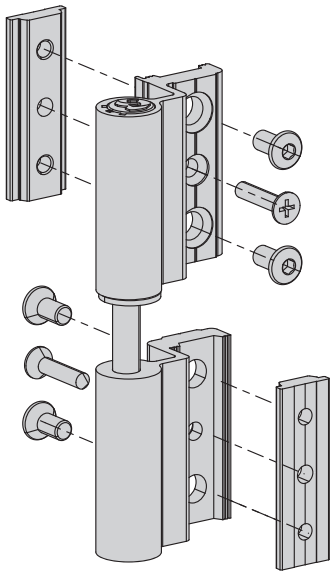

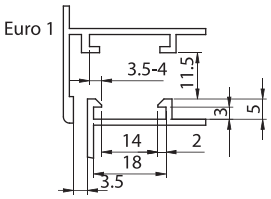

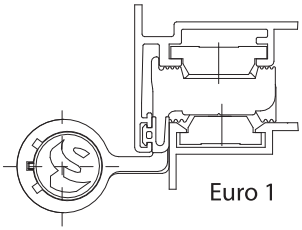

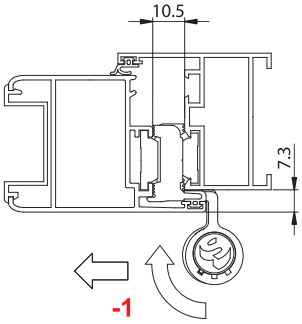

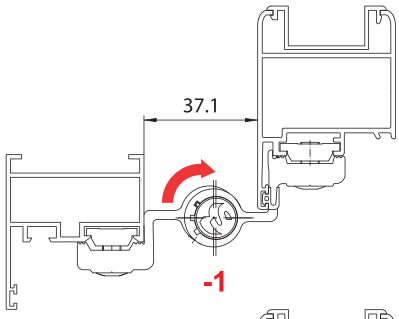

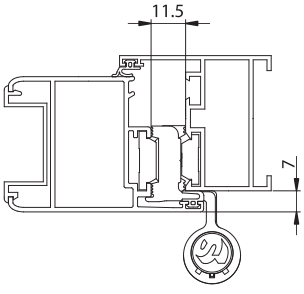

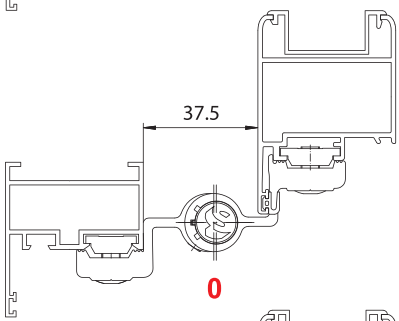

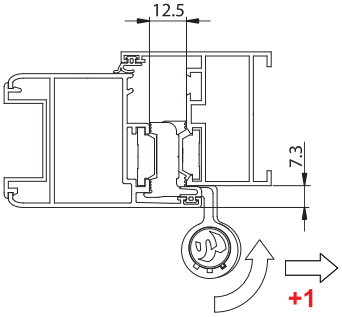

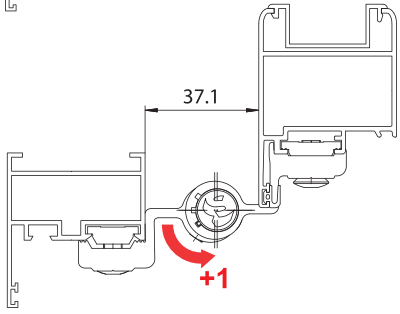

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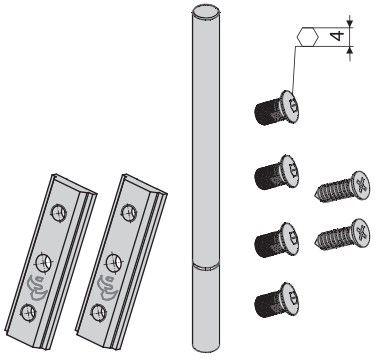

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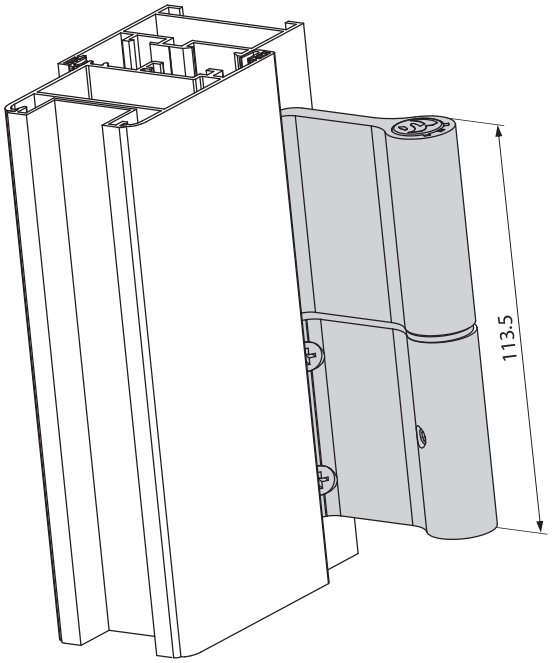

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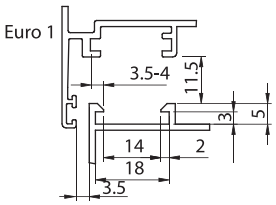

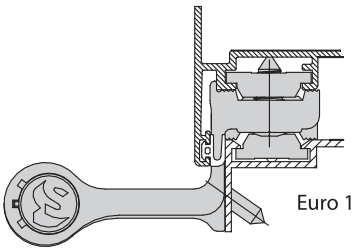

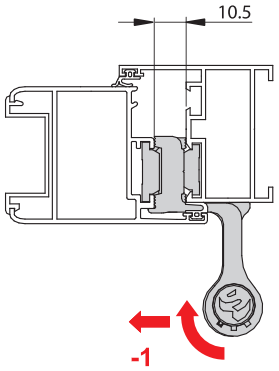

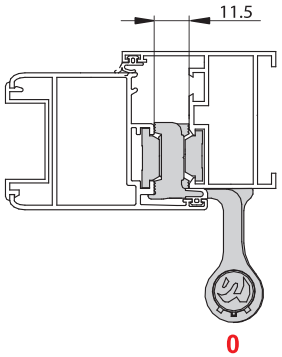

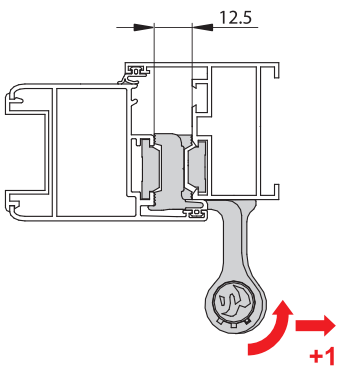

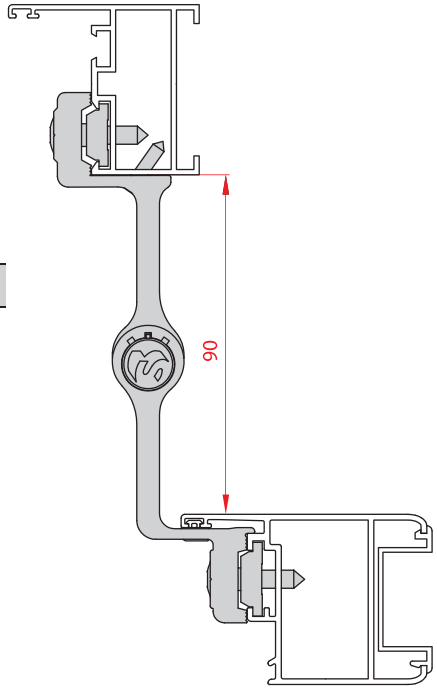

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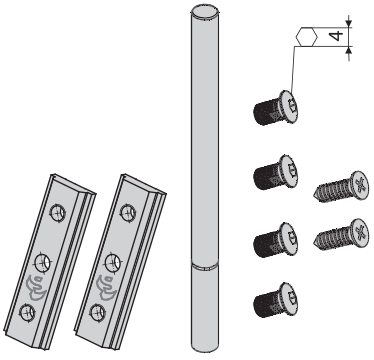

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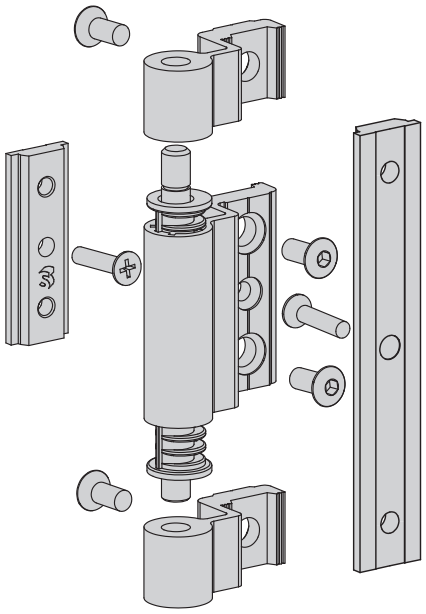

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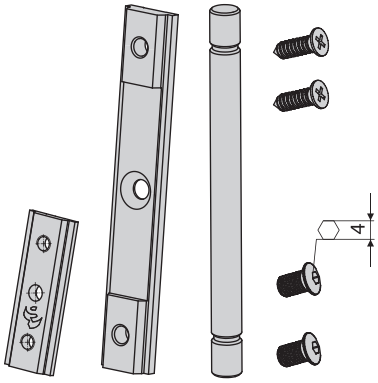

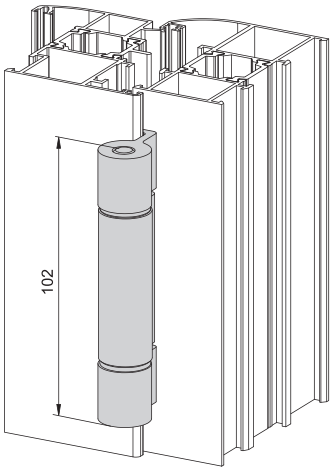

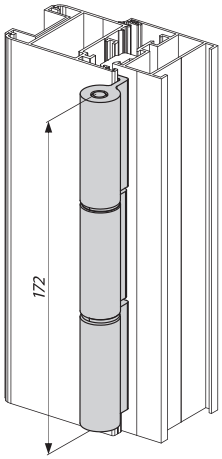

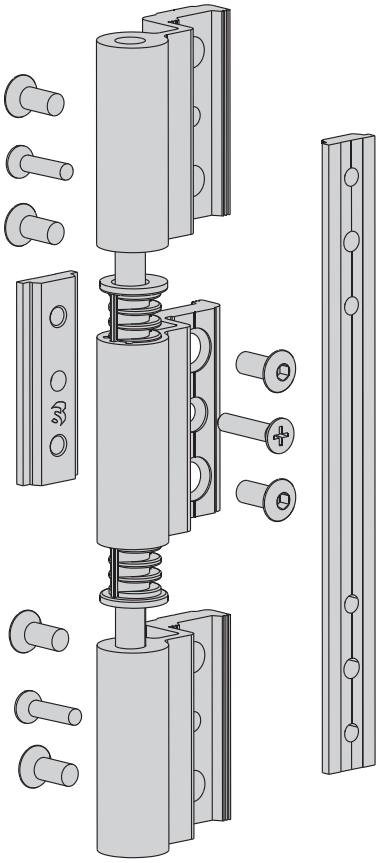

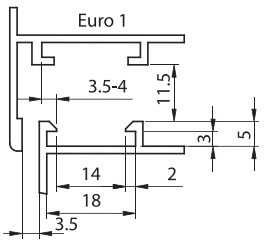

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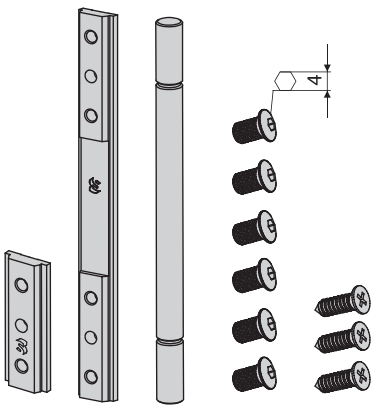

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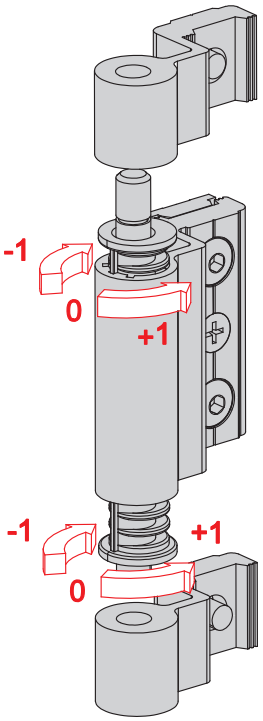
2129.00



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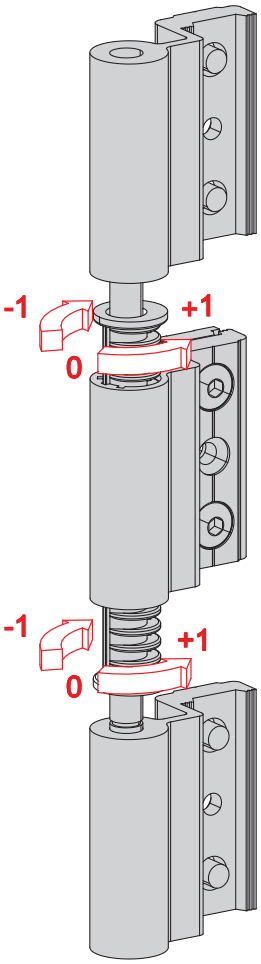

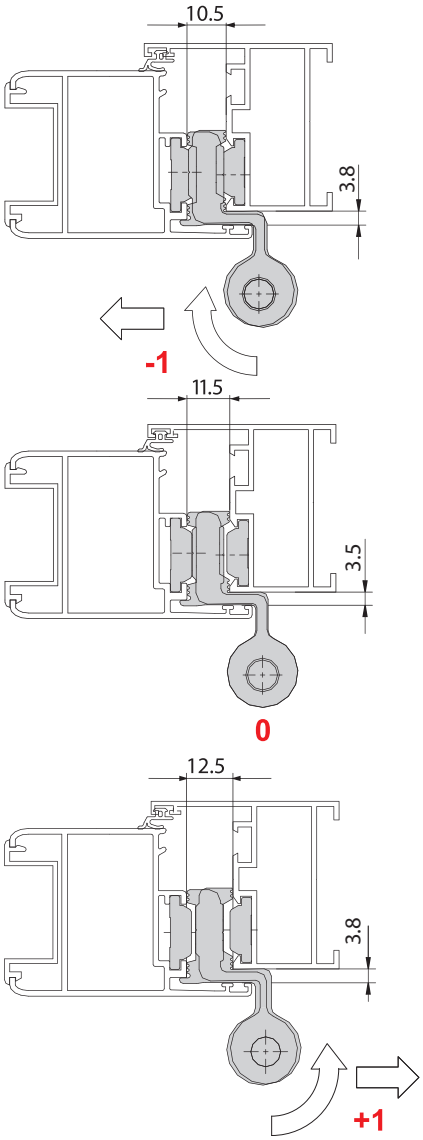

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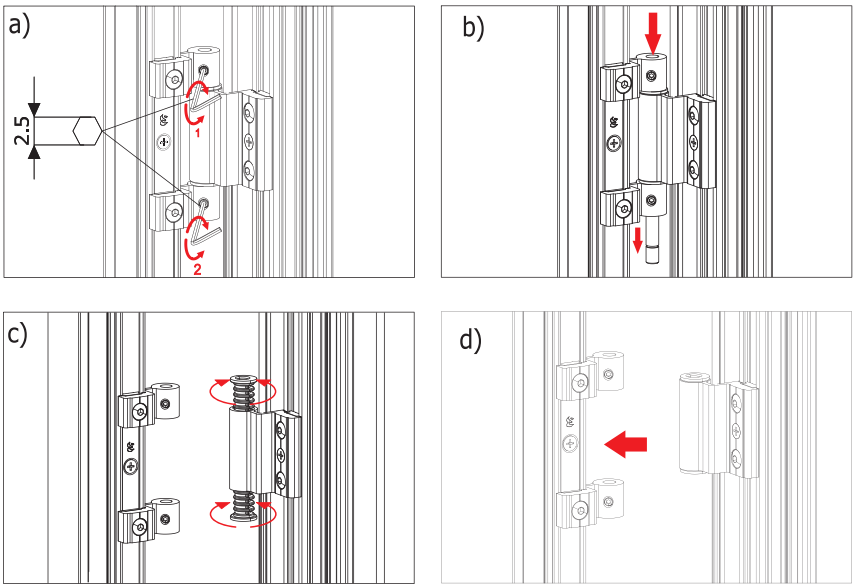

Preporuke za ugradnju
Recommendations for the installation
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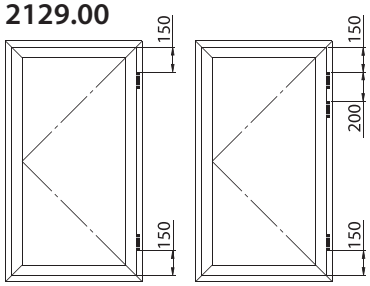

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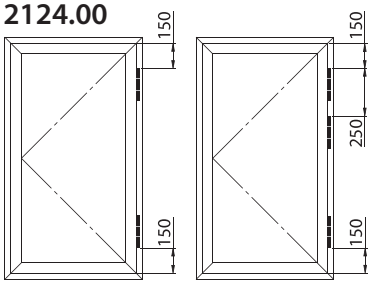

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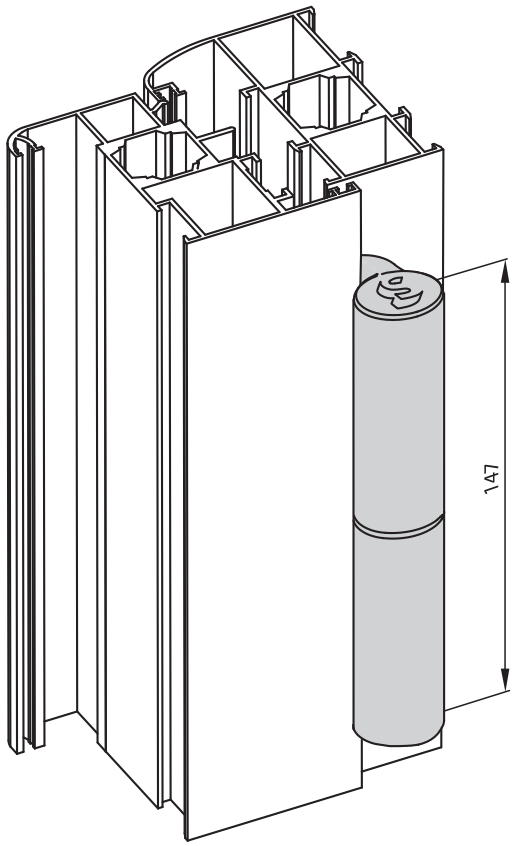

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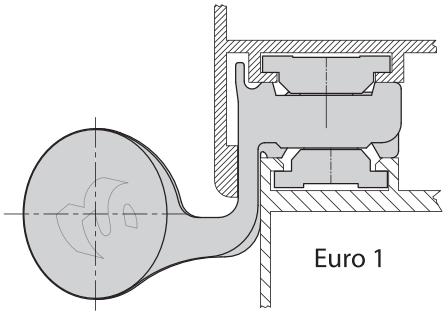

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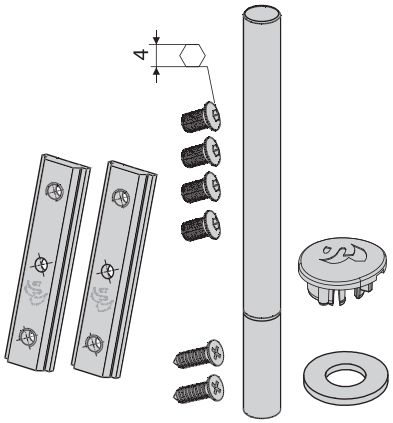

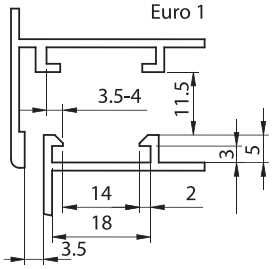

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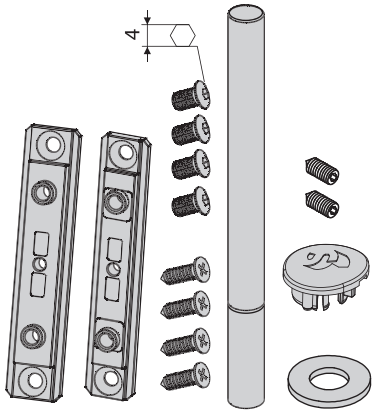

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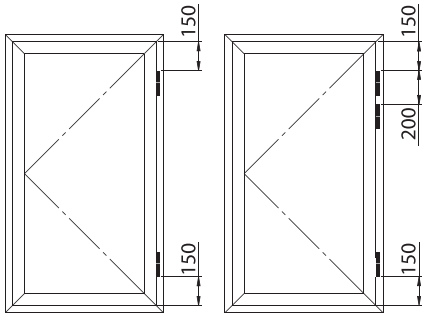
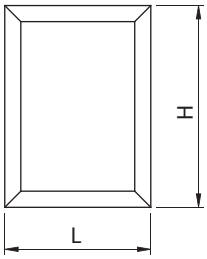
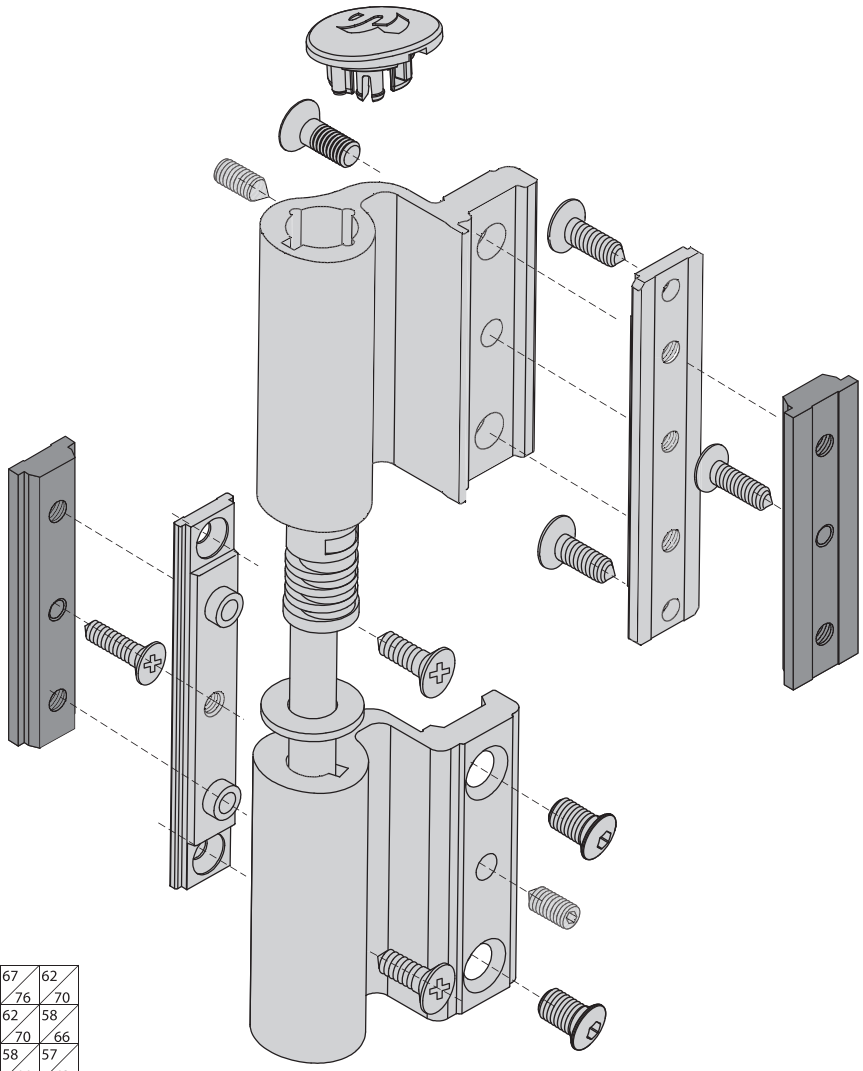
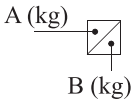






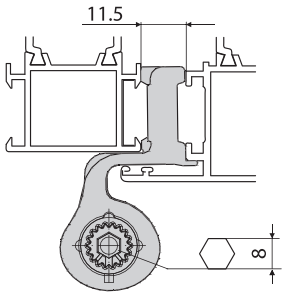
Dozvoljena nosivost spojnice
Allowed carrying capacity of the hinge
Допускаемая нагрузка

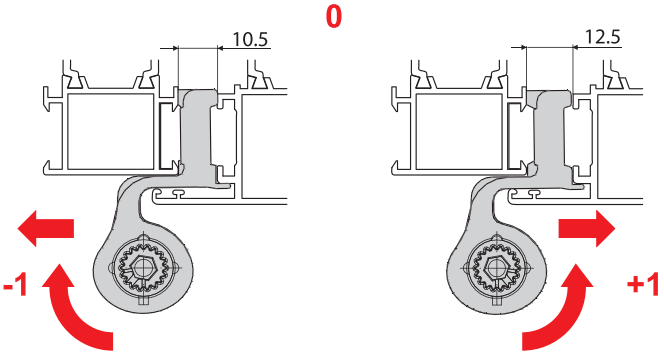
H / L	700	800	800	1000	1100	1200	1300	1400	1500	1600	1700	1800
2800	90/100	90/100	90/100	90/100	90/100	90/100	90/100	90/100	80/90	71/80	67/76	62/70
2700	90/100	90/100	90/100	90/100	90/100	90/100	90/100	90/100	76/86	67/76	62/70	58/66
2600	90/100	90/100	90/100	90/100	90/100	90/100	90/100	80/90	71/80	67/76	58/66	57/63
2500	90/100	90/100	90/100	90/100	90/100	90/100	90/100	76/86	67/76	62/70	58/66	55/61
2400	90/100	90/100	90/100	90/100	90/100	90/100	80/90	71/80	65/72	58/66	56/62	54/60
2300	90/100	90/100	90/100	90/100	90/100	90/100	74/82	67/76	62/70	57/64	54/60	52/59
2200	90/100	90/100	90/100	90/100	90/100	80/90	71/80	62/70	58/66	56/62	51/58	49/56
2100	90/100	90/100	90/100	90/100	90/100	74/82	65/72	58/66	56/62	51/58	49/56	47/52
2000	90/100	90/100	90/100	90/100	80/90	69/78	62/70	56/62	54/60	50/57	47/52	45/50
1900	90/100	90/100	90/100	90/100	71/80	62/70	58/66	54/60	49/56	47/52	45/50	
1800	90/100	90/100	90/100	80/90	67/76	58/66	54/60	51/58	49/56	47/52	45/50	
1700	90/100	90/100	90/100	71/80	62/70	57/64	51/58	49/56	47/52	45/50		
1600	90/100	90/100	76/85	65/72	58/66	54/60	49/56	47/52	45/50			
1500	90/100	90/100	70/79	58/66	54/60	50/57	48/53	45/50				
1400	90/100	76/86	62/70	56/62	51/58	47/52	45/50					
1300	90/100	68/75	58/66	54/60	49/55	45/50						



A - javna upotreba sa dve spojnice
B - privatna upotreba sa dve spojnice

Napomena: Ukoliko se ugrade tri spojnice po preporuci, nosivost se uvećava za 10%.





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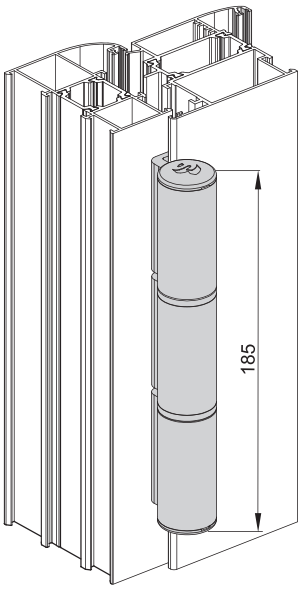
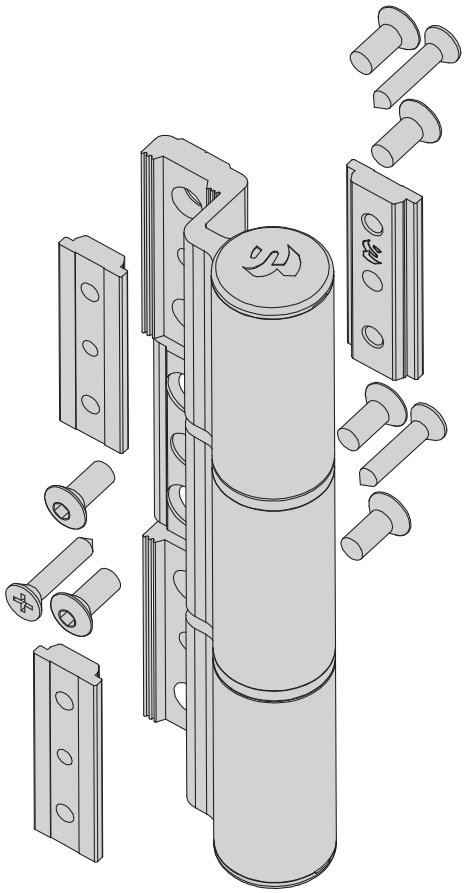
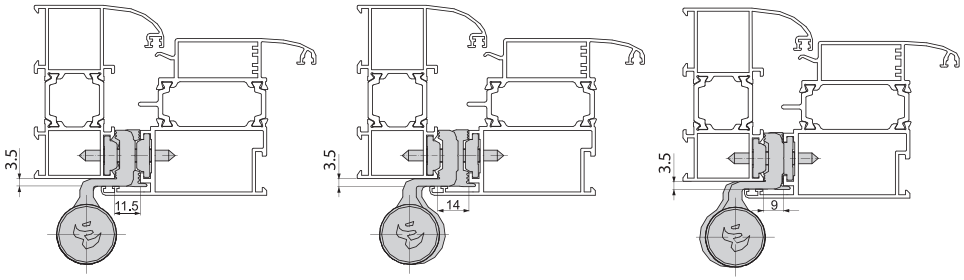




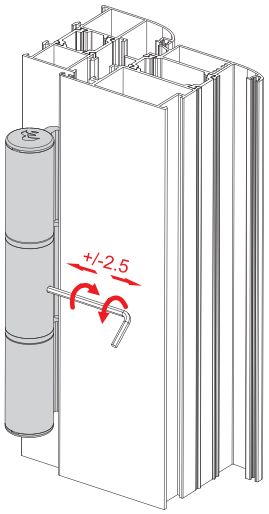
SR / Tehničke informacije:
•Proizvedeno od aluminijumskih profila.
•Pločice pribora ekstrudiranog aluminijuma.
•Plastični delovi su od poliamida.
•Zavrtnji od nerđajućeg čelika.
•Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:
•Manufactured aluminium profiles.
•Accesories counterplates are made of extruded aluminum.
•Plastic parts are made of polyamide.
•Screws are made out of stainless steel.
•Surface protection powder coating and liquid painting.

RU / Техническая информация:
•Изготовлена из алюминиевого профиля.
•Крепежные планки изготовлены из экструдированного алюминия.
•Детали прибора из полиамида.
•Винты из нержавеющей стали.
•Окончательная обработка, порошковая и жидкая краска.



Podešavanje
Adjustment
Регулировка



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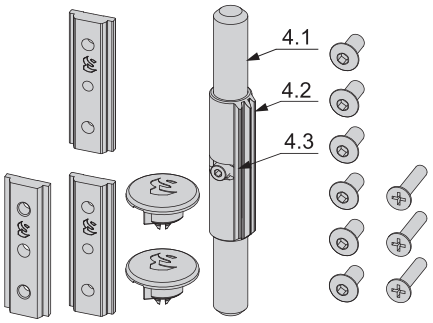
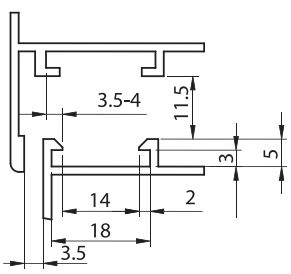


Euro 1



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SR / Tehničke informacije:
•Proizvedeno od aluminijumskih profila.
•Pločice pribora od legure cinka.
•Plastični delovi su od poliamida.
•Zavrtnji od nerđajućeg čelika.
•Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:
•Manufactured aluminium profiles.
•Accesories counterplates of zink alloy.
•Plastic parts are made of polyamide.
•Screws are made out of stainless steel.
•Surface protection powder coating and liquid painting.

RU / Техническая информация:
•Изготовлена из алюминиевого профиля.
•Крепежные планки из сплава цинка.
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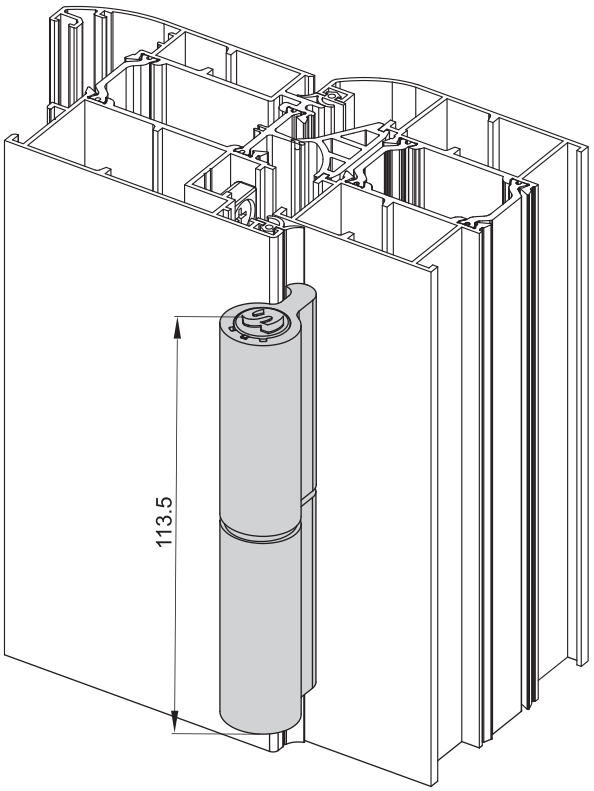
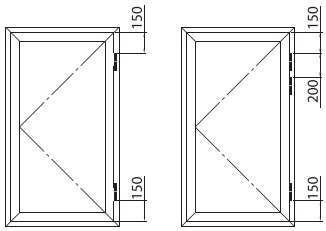
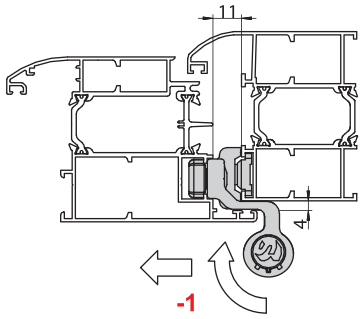
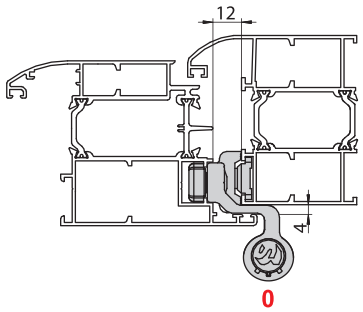
•Окончательная обработка, порошковая и жидкая краска.

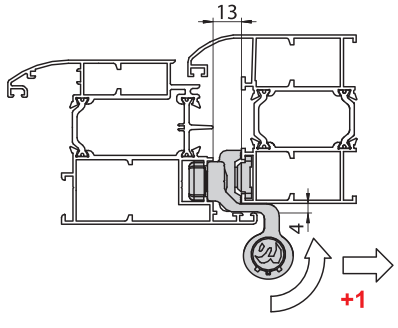


Preporuke za ugradnju
Recommendations for the installation
Рекомендации по установке









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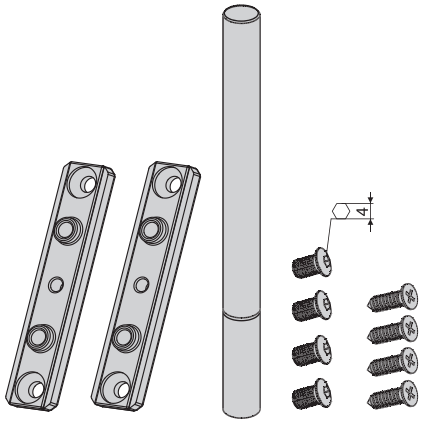

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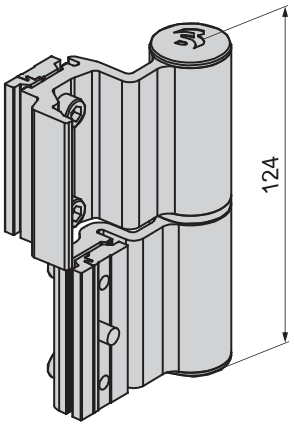

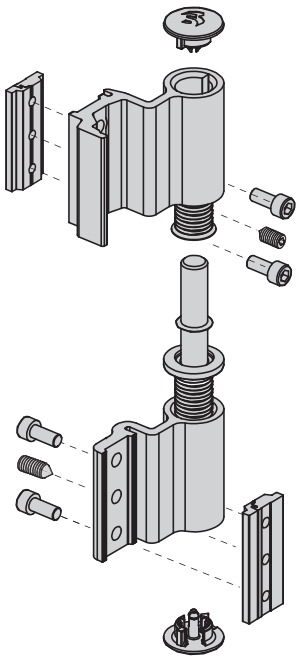

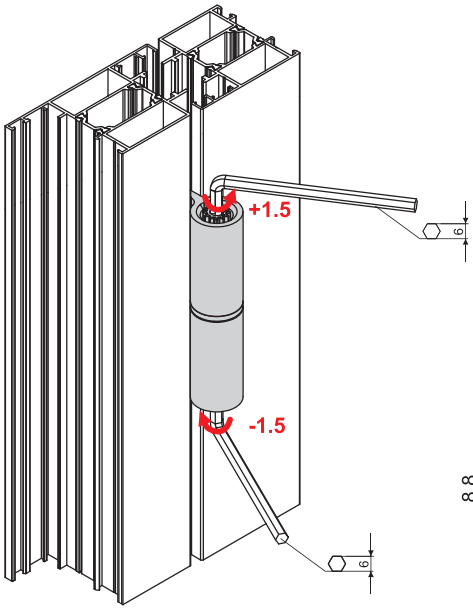

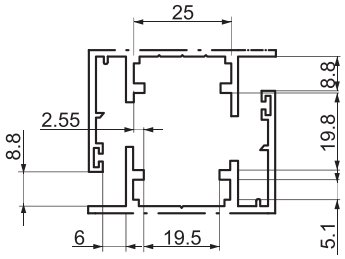

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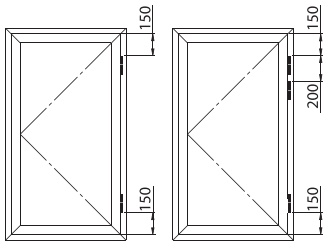

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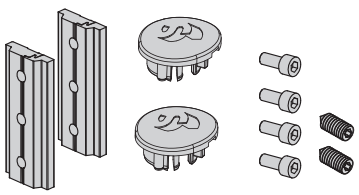
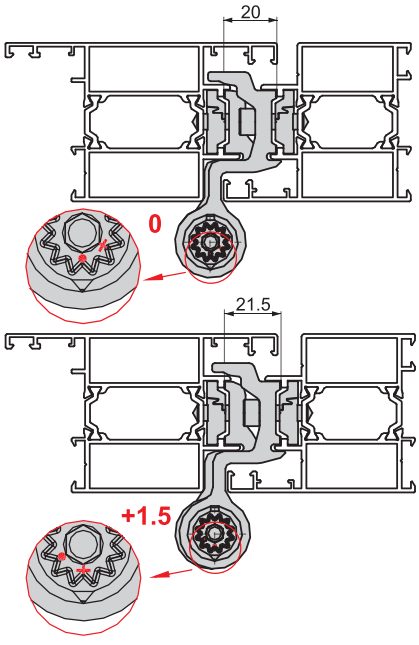
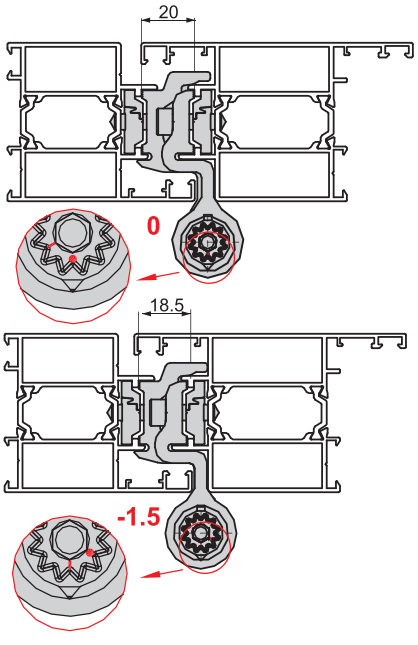


Podešavanje čaure
u krilu spojnice



Podešavanje čaure
u telu spojnice



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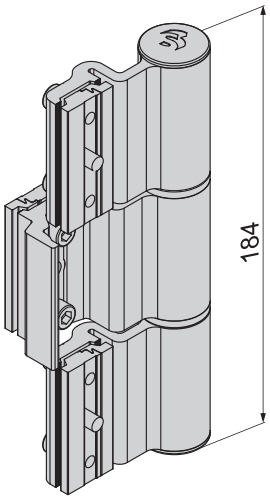

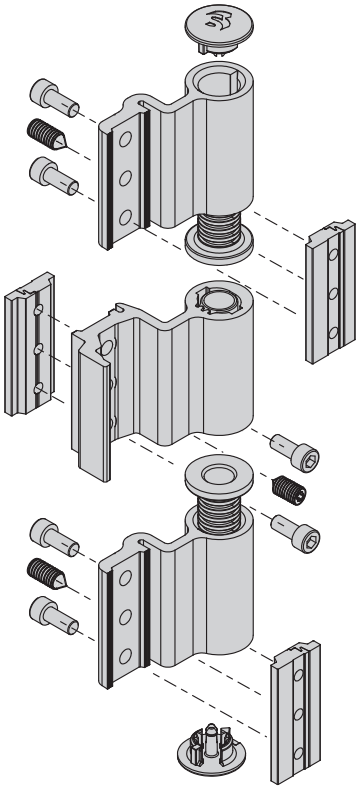

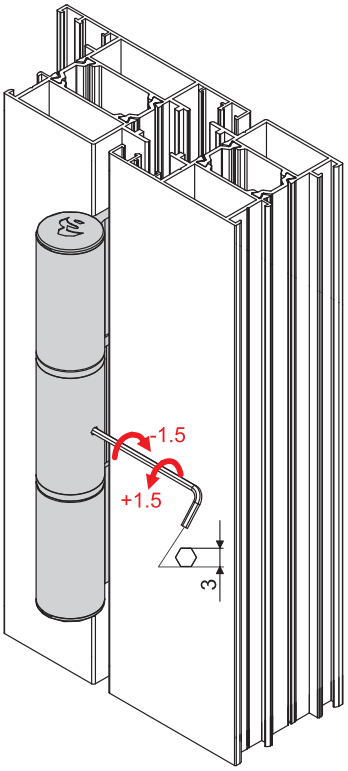

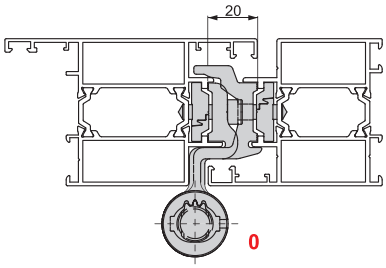

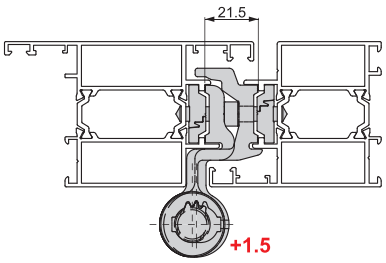

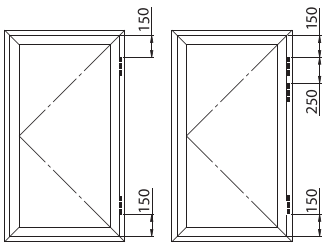

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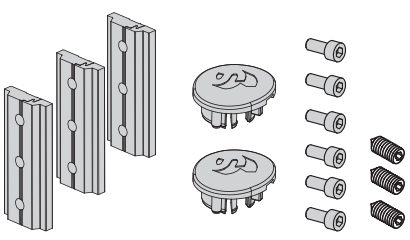

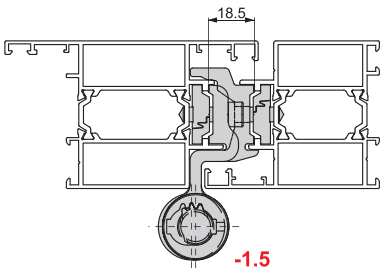

Spojnice
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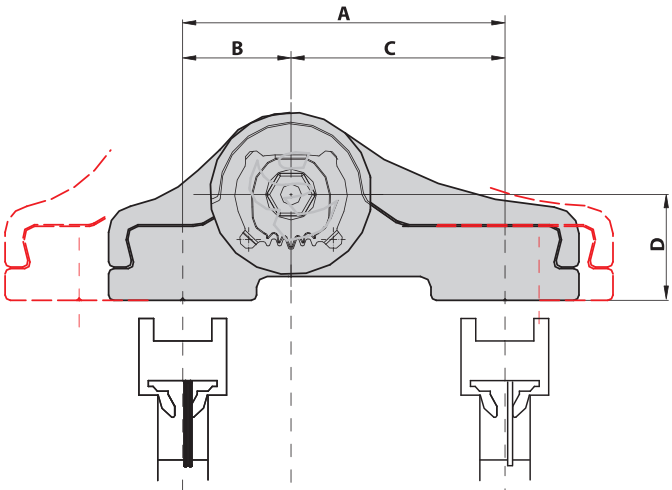
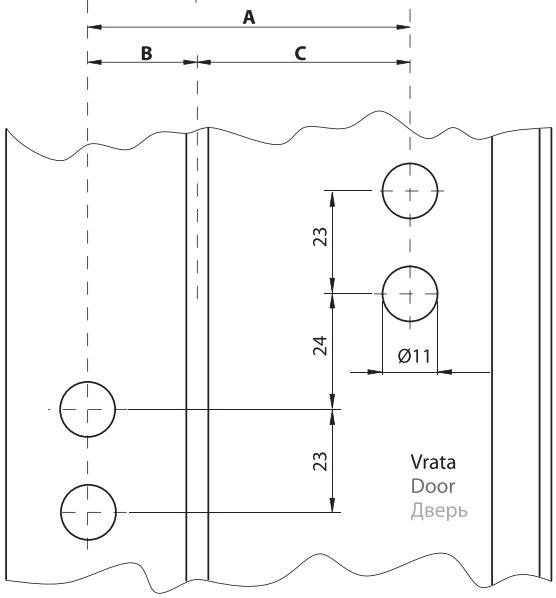
•Završna obrada, praškasta i tečna prevlaka.
•Surface protection powder coating and liquid painting.
•Окончательная обработка, порошковая и жидкая краска.

Artikal	A (mm)	B (mm)	C (mm)	D (mm)
2065.00	61	19.5	41.5	20
2066.00	83	41.5	41.5	20
2067.00	66	19.5	46.5	20
2068.00	88	41.5	46.5	20
2069.00	93	46.5	46.5	20





SR / **Spojnica za spoljnu ugradnju na vrata**

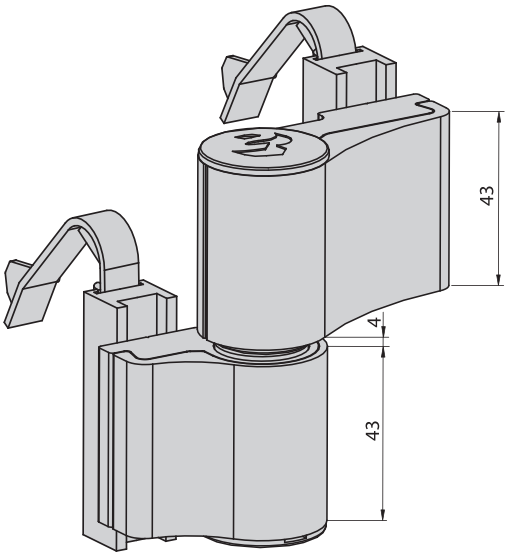
Maksimalna nosivost je u skladu sa standardom EN 1935. Podesiva u tri pravca. Podešavanja spojnice se vrše u montiranom položaju na vratima.
Podešavanja su mikrometarska i nezavisna.

Podešavanja u ravni vrata: ± 3mm
Uslov za podešavanje je da se imbus ključem odvije zavrtanj na krilu spojnice (sl. 1).
Posle toga se skida PVC poklopac sa krila spojnice.
Zakretanjem imbus ključa vrata se pomeraju u jednu/drugu stranu za maksimalno 3mm (sl. 2). Potom se zavije imbus zavrtanj M6 maksimalnim momentom Tmax= 8Nm i vrati PVC poklopac u krilo spojnice.

Podešavanje pritiska: ± 0.5mm
Izvaditi PVC poklopac sa tela spojnice. Zatim se odvijanjem izvadi zavrtanj od zamka iz tela spojnice. Imbus ključem obrtanjem u levo/desno čaure od PVC-a smanjujemo ili povećavamo pritisak na gumu za 0.5mm. Potom zaviti zavrtanj od zamka i vratiti PVC poklopac u telo spojnice (sl. 3).

Podešavanja po visini: +3mm i -1mm
Izvaditi PVC poklopac iz tela spojnice. Zavijanjem zavrtnja od zamka imbus ključem vrši se podizanje vrata do maksimalno 3mm, a odvijanjem zavrtnja vrši se spuštanje vrata do -1mm.
Na kraju se postavi poklopac u telo spojnice (sl. 4). Maske krila i tela spojnica se proizvode od ekstrudiranog aluminijuma i projektovane su tako da sprečavaju neželjeno odvijanje vijaka koji spajaju spojnicu za krilo/štok. Važno je da maske pa zatim telo i krilo spojnice, mozemo skinuti sa vrata samo kada su ista otvorena.

Materijali
1. Maske, tela i krilo spojnice od ekstrudiranog aluminijuma.
2. Osovinica od nerđajućeg čelika.
3. Mehanizam za podešavanje po visini i u ravni vrata od zamka.
4. Zavrtnji od nerđajućeg čelika.



EN /**Hinge for the outside mounting on the door**

The maximum carryng capacity is in concordance with the Standard EN 1935. Adjustable in three directions.
The adjustments are to be done in mounted position on the door.
The adjustments are micro-metric and independent.

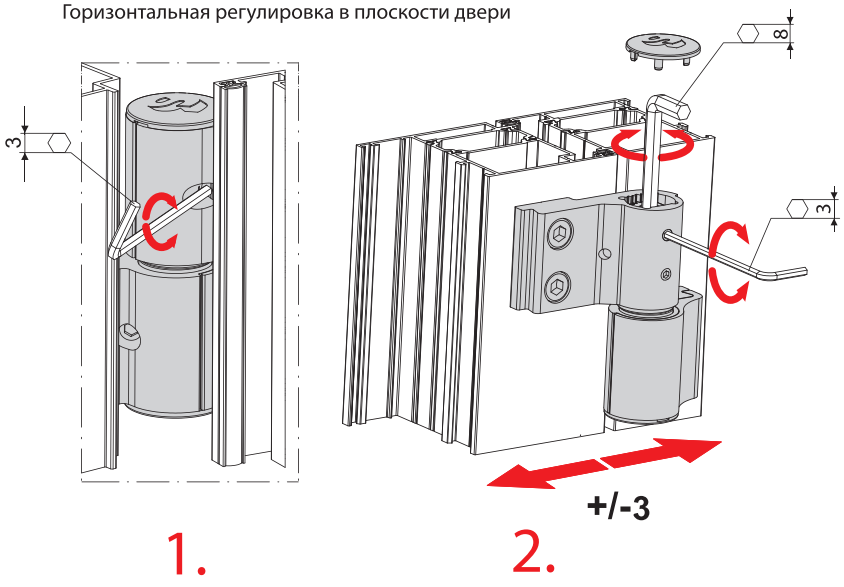
Adjustments in the door plane: ± 3mm
The condition for the setting is to drive out screw on the hinge wing (1).
After that, the PVC cover is to be taken off from the hinge wing.
The door is to be moved in the one/the oder side for maximum 3mm by the hexagon hollow screw spanner (2).
After that screw M6 is to be tied up with a maximum torque Tmax=8Nm and the PVC cover is to be put back on the hinge wing.

Spojnice
Hinges
Петли

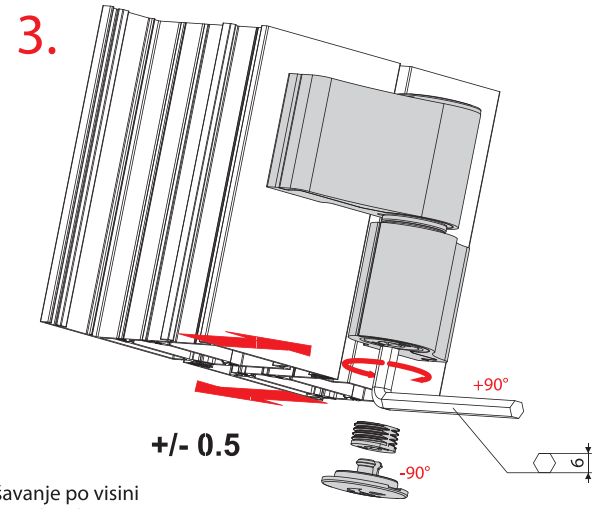
Pressure adjustment: ± 0.5mm
The PVC cover is to be taken off from the hinge body. After that, by driving out the zamak's fastener, it is to be removed from the hinge body. Using the hexagon hollow screw spanner for turning the PVC bush in the left/right the pressure on a rubber is reduced or increased for 0.5mm. Afterwards the zamak's screw is to be be tightened and PVC bush is to be returned in the hinge body (3).
The altitude adjustments: +3mm and -1mm
The PVC cover is to be taken off from the hinge body. By tightening the screw made of zamak with the hexagon hollow screw spanner the door lifting could be done with in maximum 3mm and by driving it out the door could be moved down with in -1mm. At the end the cover is to be placed in the hinge body (4). The hinge body mask and the hinge wing mask are produced from extruded aluminum, and they are designed in such a manner to prevent the undesired drive out of the screws for connecting the hinge to the door wing/frame. It is important that the masks and then the hinge body and the hinge wing could be taken off from the door only when the door is open.
Materials
1. The masks, the hinge body and hinge wing are from extruded aluminum.
2. Stainless steel pin.
3. The altitude adjustment mechanism in the door plane is made of zamak.
4. Stainless steel screws.

RU /**Соединитель для внешней установки на дверь**
Максимальная несущая способность в соответствии со стандартом EN 1935. Регулируется в трех направлениях без демонтажа двери.
Регулировки микрометрические и независимые.
Регулировки микрометрические и независимые.
Регулировки в плоскости двери: ± 3мм
Шестигранником окрутить винт на створке петли (рисунок 1).
Снять заглушку из полиамида с створки петли.
Вращая ключ по или против часовой стрелки (рисунок 2), отрегулировать зазор на 3мм в сторону уменьшения или увеличения. Закрутить винт M6 максимальным моментом Tmax=8Nm и вернутьзаглушку из полиамида в створки петли.
Регулировка прижима: ± 0,5 мм
Снять пластиковую заглушку с основы петли.
Вы вернуть опорный винт из основы петли.
Вращя ключ по или против часовой стрелки, отрегулировать зазор на 0.5мм в сторону уменьшения или увеличения.
Завинтить опорный винт и вернуть пластиковую заглушку в основу петли.
Вертикальная регулировка зазора: +3 мм и -1 мм.
Снять пластиковую заглушку с основы петли.
Завинчиванием опорного винта выполнить подъем двери (максимально до 3мм) вращая клуючом часовой стрелки дверь опускается максимально за 1мм.
Вернуть заглушку в основу петли (рисунок 4).
Маски, основы и створки петли спроектированы тек, чтобы не допустить нежелательное отвинчивание винтов, крепящих петлю.
ВАЖНО!
Маски, основу и створки петли можно демотировать только в открытом положении двери!
Материал:
1. Маски, основа и створки пртли из экструдированного алюминия.
2. Ось из нержавеющей стали.
3. Механизм для регулировки из ЦАМ-а
4. Винты из нержавеющей стали.

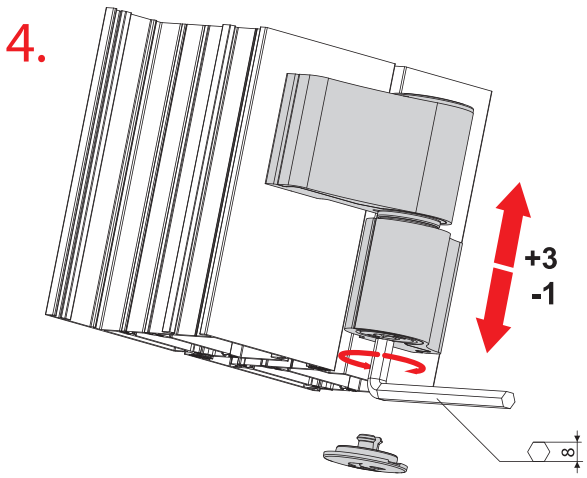
Podešavanje u ravni profila
The adjustment in the door plane
Горизонтальная регулировка в плоскости двери



Podešavanje pritiska na gumu/zaptivku
Pressure adjustment
Регулировка прижима

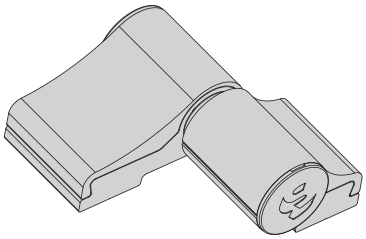


Podešavanje po visini
The altitude adjustment
Вертикальная регулировка



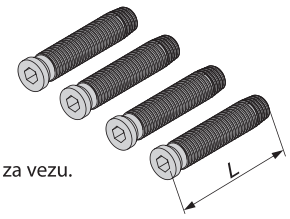
Spojnice
Hinges
Петли

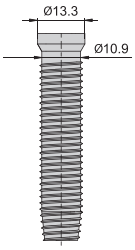
2065.00 **2068.00**
2066.00 **2069.00**
2067.00

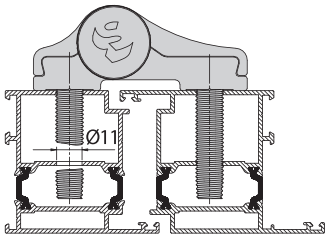


Pažnja!!! Hinges!!! Внимание!!!
Pod šifrom 2065(66, 67, 68,69).00 isporučuje se spojnica bez pribora.
Hinges with code number 2065(66, 67, 68,69).00 are delivered without accesories.
Артикул 2065(66, 67, 68,69).00 – поставляется петля без приборя.

2050.60 L=58 mm
2050.65 L=74 mm

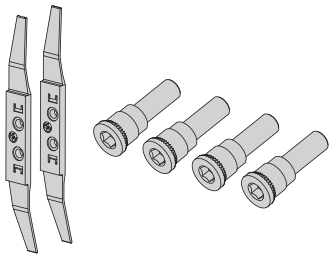


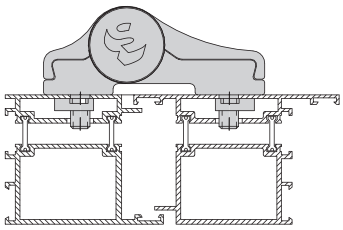




Pažnja !!! Attention !!! Внимание !!!
Pod šifrom 2050.60 (65) isporučuju se 4 zavrtnja za vezu.
Art. 2050.60 (65) includes 4 anchors.
Артикулы 2050.60 (65): четыре анкера.

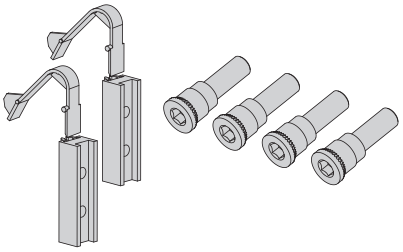
2050.90

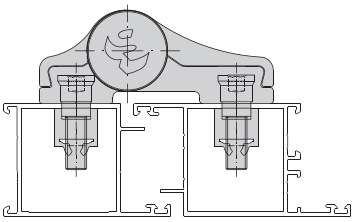




Pažnja !!! Attention !!! Внимание !!!
Pod šifrom 2050.90 isporučuju se pločice (2050.80) sa 4 specijalna zavrtnja (2065.60).
Art. 2050.90 includes plates (2050.80) with 4 special screws (2065.60).
Артикул 2050.90: Планки (2050.80) + четыре специальных винта (2065.60).

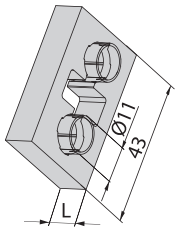
2050.95

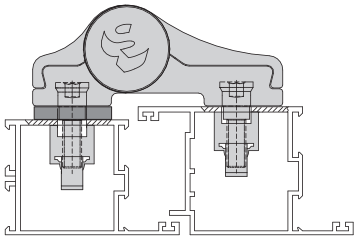




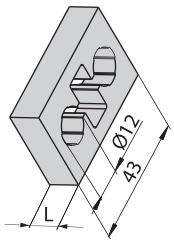
Pažnja !!! Attention !!! Внимание !!!
Pod šifrom 2050.95 isporučuje se osnovni pribor (2005.50) sa 4 specijalna zavrtnja (2065.60).
Art. 2050.95 includes basic kit (2005.50) and 4 special anchors (2065.60).
Артикул 2050.95: Базовый набор (2005.50) + четыре специальных винта (2065.60).

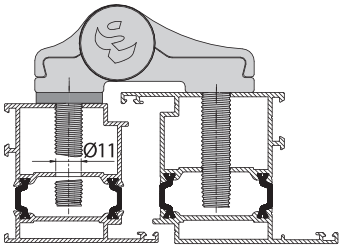
2015.31 L=5
2015.32 L=8
2015.33 L=10
2015.34 L=12
2015.35 L=po zahtevu



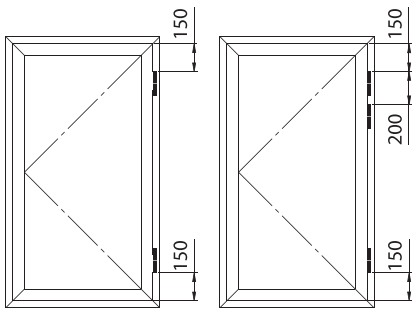


2065.31 L=5
2065.32 L=8
2065.33 L=10
2065.34 L=12
2065.35 L=po zahtevu





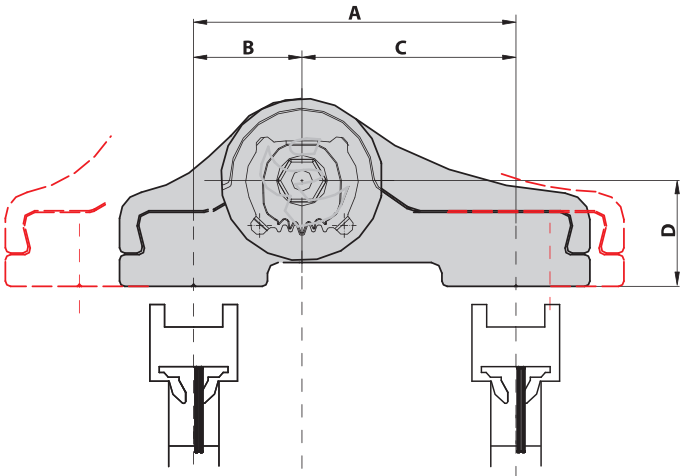
Preporuke za ugradnju
Recommendations for the installation
Рекомендации по установке

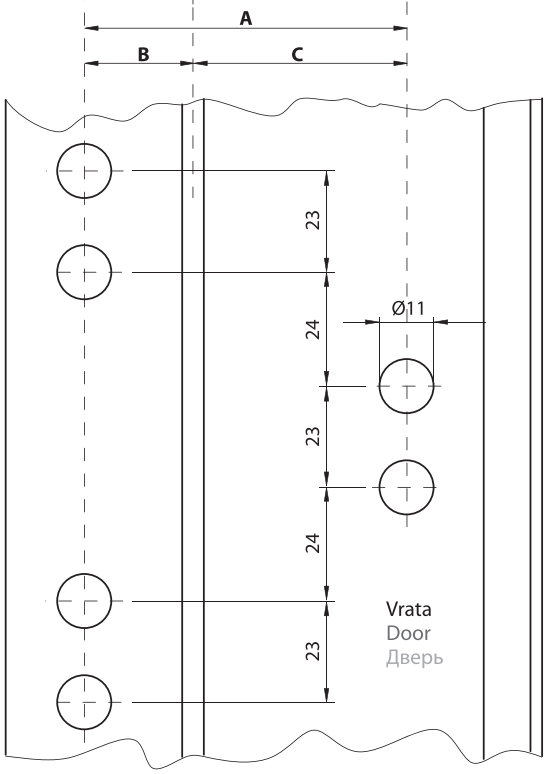


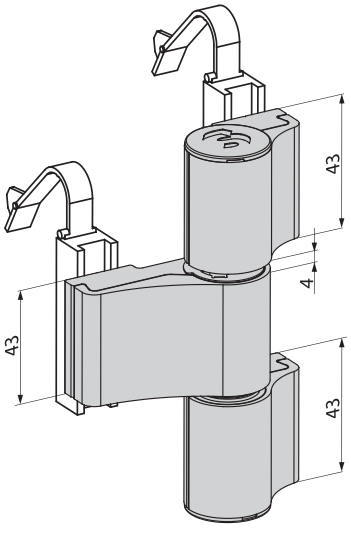
Spojnice
Hinges
Петли

Artikal	A (mm)	B (mm)	C (mm)	D (mm)
2108.00	61	19.5	41.5	20
2109.00	83	41.5	41.5	20
2110.00	66	19.5	46.5	20
2111.00	88	41.5	46.5	20
2112.00	93	46.5	46.5	20

•Završna obrada, praškasta i tečna prevlaka.
•Surface protection powder coating and liquid painting.
•Окончательная обработка, порошковая и жидкая краска.







SR / **Spojnica za spoljnu ugradnju na vrata**

Maksimalna nosivost je u skladu sa standardom EN 1935. Podesiva u tri pravca. Podešavanja spojnice se vrše u montiranom položaju na vratima.
Podešavanja su mikrometarska i nezavisna.

Podešavanja u ravni vrata: ± 3mm
Uslov za podešavanje je da se imbus ključem odvije zavrtanj na krilu spojnice (sl. 1).
Zakretanjem imbus ključa vrata se pomeraju u jednu/drugu stranu za maksimalno 3mm (sl. 2). Potom se zavije imbus zavrtanj M6 maksimalnim momentom Tmax= 8Nm.

Podešavanje pritiska: ± 0.5mm
Izvaditi PVC poklopac sa tela spojnica. Zatim se odvijanjem izvade zavrtnjevi od zamka iz tela spojnica. Imbus ključem obrtanjem u levo/desno čaure od PVC-a smanjujemo ili povećavamo pritisak na gumu za 0.5mm. Potom zaviti zavrtnjeve od zamka i vratiti PVC poklopce u tela spojnica (sl. 3).

Podešavanja po visini: +3mm i -1mm
Izvaditi PVC poklopce iz tela spojnica. Zavijanjem Donjeg zavrtnja od zamka imbus ključem vrši se podizanje vrata do maksimalno 3mm, a odvijanjem zavrtnja vrši se spuštanje vrata do -1mm.
Potom se zavija Gornji zavrtanj od zamka, čime se osigurava Čaura od PVC-a.
Na kraju se postave poklopci u tela spojnica (sl. 4). Maske krila i tela spojnica se proizvode od ekstrudiranog aluminijuma i projektovane su tako da sprečavaju neželjeno odvijanje vijaka koji spajaju spojnicu za krilo/štok. Važno je da maske pa zatim telo i krilo spojnice, mozemo skinuti sa vrata samo kada su ista otvorena.

Materijali
1. Maske, tela i krilo spojnice od ekstrudiranog aluminijuma.
2. Osovinica od nerđajućeg čelika.
3. Mehanizam za podešavanje po visini i u ravni vrata od zamka.
4. Zavrtnji od nerđajućeg čelika.

EN / **Hinge for the outside mounting on the door**

The maximum carryng capacity is in concordance with the Standard EN 1935. Adjustable in three directions.
The adjustments are to be done inmounted on the door.
The adjustments are micro-metric and independent.

The adjustments in the door plane: ± 3mm
The condition for the setting is to drive out screw on the hinge wing (1). The door is to be moved in the one/the oder side for maximum 3mm by the hexagon hollow screw spanner (2). After that screw M6 is to be tied up with a maximum torque Tmax=8Nm, and the PVC cover is to be put back on the hinge wing.

Spojnice
Hinges
Петли

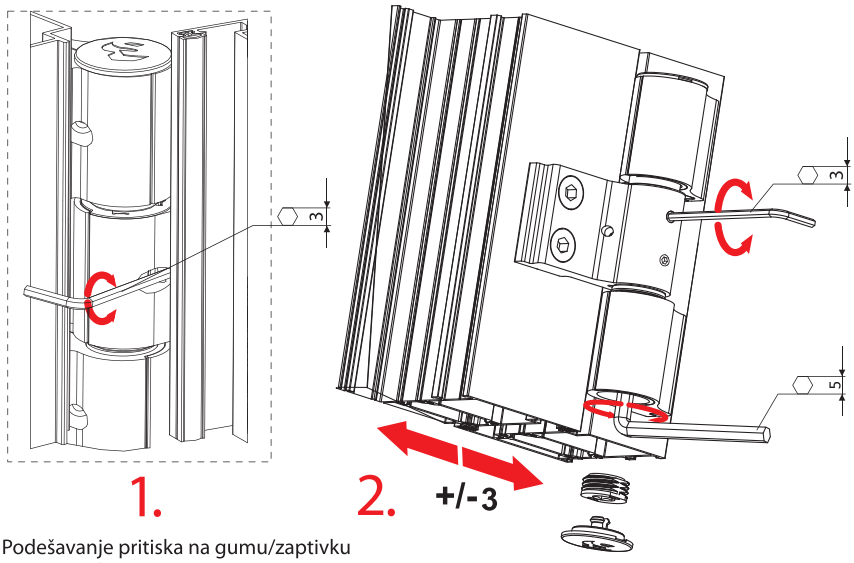
Pressure adjustment: ± 0.5mm
Take off the PVC covers from hinge bodies.
After that, by driving out the zamak's screws and remove it from the hinge bodies.
Using the hexagon hollow screw spanner for turning the PVC bushes in the left/right the pressure on a rubber is reduced or increased for 0.5mm.
Afterwards the zamak's screw should be tightened and PVC bushes returned in the hinge bodies (3).

The altitude adjustments: +3mm and -1mm
Take off the PVC cover from the hinge bodies.
By tightening the lower screw made of zamak with the hexagon hollow screw spanner the door lifting could be done with in maximum 3mm and by driving it out the door could be moved down with in -1mm.
Afterwards the top zamak's screw should be tightened, which ensures PVC bush.
At the end the covers should be placed in the hinge body (4). The hinge body mask and the hinge wing mask are produced from extruded aluminum, and they are designed in such a manner to prevent the undesired drive out of the screw for connecting the hinge to the door wing/frame.
It is important that the masks and then the hinge body and the hinge wing could be taken off from the door only when the door is open.

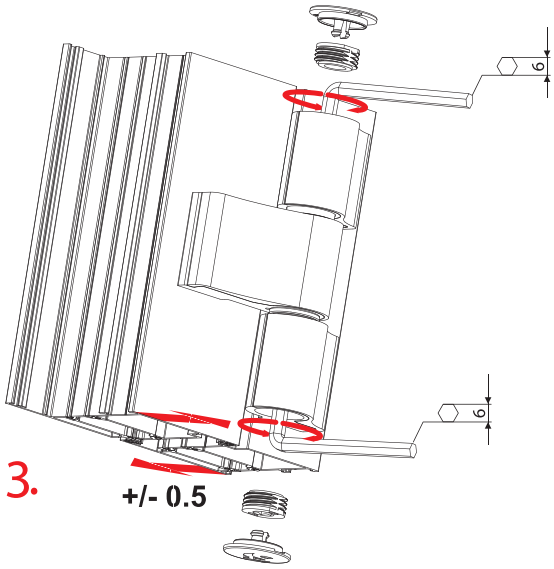
Materials
1. The masks, the hinge bodies and hinge wing are from extruded aluminum.
2. Stainless steel pin.
3. The altitude adjustment mechanism in the door plane is made of zamak.
4. Stainless steel screws.

RU /**Петля дверная накладная**
Максимальная несущая способность в соответствии со стандартом EN 1935. Регулируется в трех направлениях без демонтажа двери.
Регулировки микрометрические и независимые.
Регулировки в плоскости двери: ± 3мм
Условие для регулировки: шестигранным ключом отвернуть винт на створке соединителя (рисунок 1).
Поворотом шестигранного ключа дверь сдвигается в одну и другую сторону максимум на 3мм (рисунок 2).
Затем затягивается шестигранный болт М6 с Максимальным моментом в Tmax=8Nm.
Регулировка давления: ± 0,5 мм
Вынуть ПВХ крышки из корпусов соединителей.
Затем окрутить винты замка с корпусов соединителей. Поворотом ПВХ облочки вправо/влево при помощи шестигранного ключа можно снизить или повысить давление на резину на 0.5мм.
Затем снова прикрутить винты замка и вернуть ПВХ крышки в корпуса соевинителей (рицунок 3).
Регулировка по высоте: +3 мм и -1 мм
Вынуть ПВХ крышки из корпусов соединителей.
Затягиванием нижнего винта замка с помощью шестигранного ключа осуществляется подъем двери максимум на 3мм, а отворачиванием того же винта опускание двери до - 1мм.
Потом затягивается верхний винт замка, Обеспечивающий фиксацию ПВХ облочки.
В конце устанавливаются крышки в корпуса соединителей изготовлены из экструдированного алюминия и сконструированы таким образом, что предовращают нежелательную раскрутку винтов, скрепляющих соединитель со створкой/припуском.
Важно: маски, затем корпус и створку соединителя можно Снять с двери, только когда она открыта!
Материал:
1. Маски, основа и створки петли из экструдированного алюминия.
2. Ось из нержавеющей стали.
3. Механизм для регулировки из ЦАМ-а
4. Винты из нержавеющей стали.

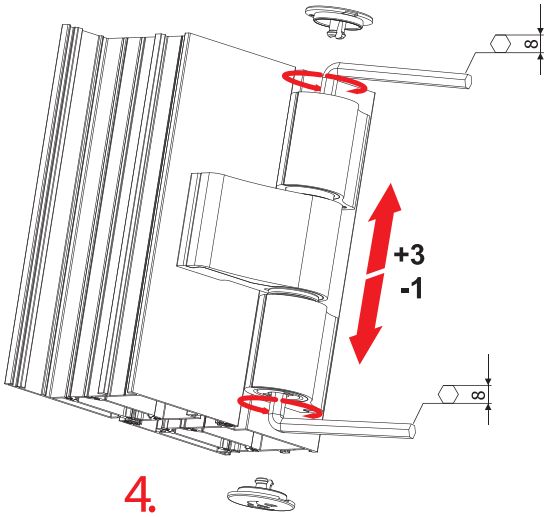
Podešavanje u ravni profila
The adjustment in the door plane
Горизонтальная регулировка в плоскости двери



Podešavanje pritiska na gumu/zaptivku
Pressure adjustment
Регулировка прижима

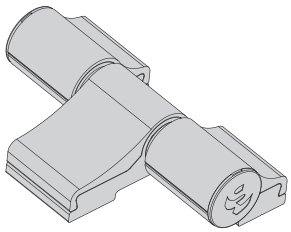


Podešavanje po visini
The altitude adjustment
Вертикальная регулировка



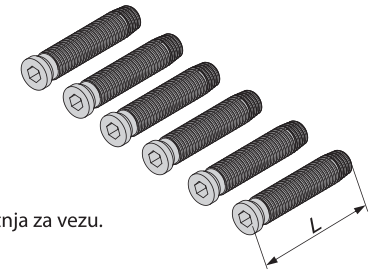
Spojnice
Hinges
Петли

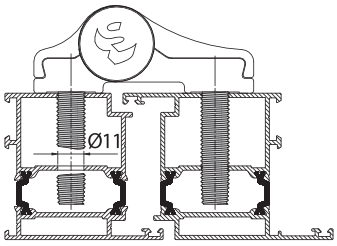
2108.00
2109.00
2110.00
2111.00
2112.00



Pažnja !!! Attention !!! Внимание !!!
Pod šifrom 2108 (09,10,11,12).00 isporučuje se spojnica bez pribora.
Hinges with code number 2108 (09,10,11,12).00 are delivered without accesories.
Артикул 2108.00 (09,10,11,12).00 – поставляется петля без приборя.

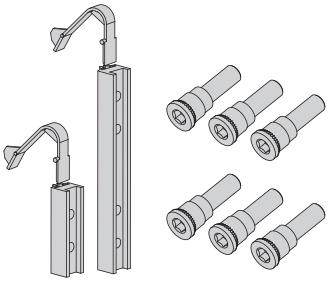
2150.60 L=58 mm
2150.65 L=74 mm

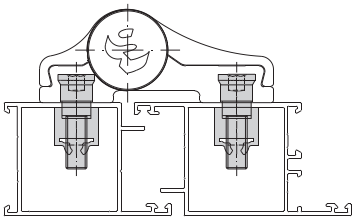




Pažnja !!! Attention !!! Внимание !!!
Pod šifrom 2150.60 (65) isporučuju se 6 zavrtnja za vezu.
Art. 2150.60 (65) includes 6 anchors.
Артикулы 2150.60 (65): шесть анкера.

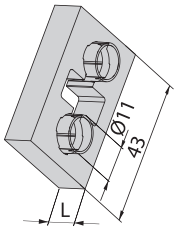
2150.95

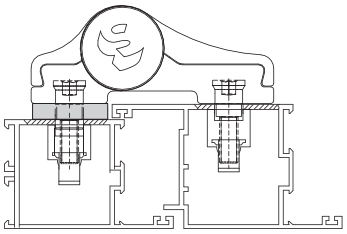




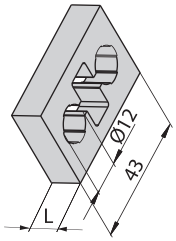
Pažnja !!! Attention !!! Внимание !!!
Pod šifrom 2150.95 isporučuje se osnovni pribor (2150.50) sa 6 specijalnih zavrtnja (2165.60).
Art. 2150.95 includes basic kit (2105.50) with 6 special screws (2165.60).
Артикул 2150.95: Базовый набор (2105.50) + шесть специальных винта (2165.60).

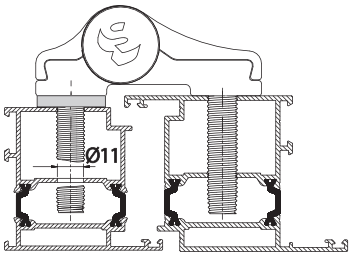
2015.31 L=5
2015.32 L=8
2015.33 L=10
2015.34 L=12
2015.35 L=po zahtevu



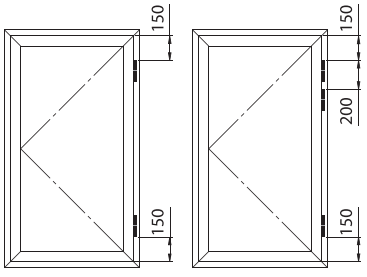


2065.31 L=5
2065.32 L=8
2065.33 L=10
2065.34 L=12
2065.35 L=po zahtevu





Preporuke za ugradnju
Recommendations for the installation
Рекомендации по установке



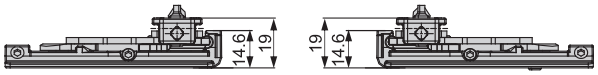
Univerzalne skrivene spojnice za okretno otvaranje (maksimalna masa krila 80kg)
Universal concealed hinges for turn opening (maximum sash weight 80kg)
Универсальные скрытые петли для поворотного открывания (максимальный вес створки 80 кг)

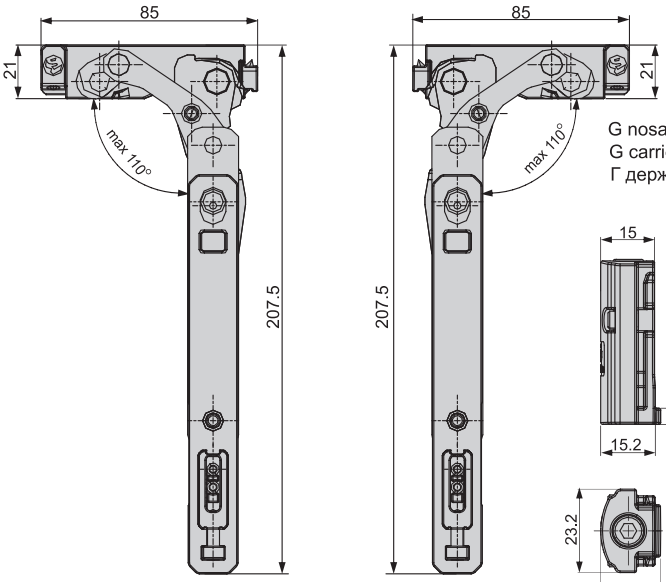
SR / Tehničke informacije:
- Proizvedena od nerđajućeg čelika I legure cinka livenjem pod visokim pritiskom.
- Plastični delovi su od poliacetala.
- Zavrtnji od nerđajućeg čelika.

EN / Technical information:
- Made of stainless steel and zinc alloy by die-casting.
- Plastic parts are made of polyacetal.
- The screws are from stainless steel.

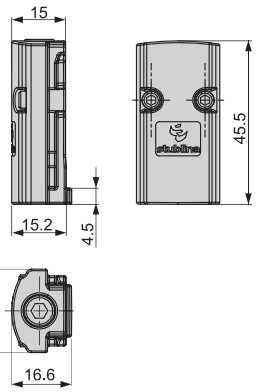
RU / Техническая информация:
- Изготовлена из нержавеющей стали и цинкового сплава методом литья под высоким давлением.
- Пластиковые детали изготовлены из полиацеталя.
- Винты из нержавеющей стали.

Gornja/Donja spojnica
Top/Bottom hinge
Верхняя/Нижняя петля

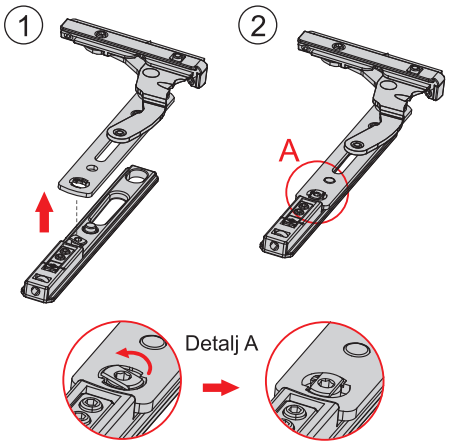


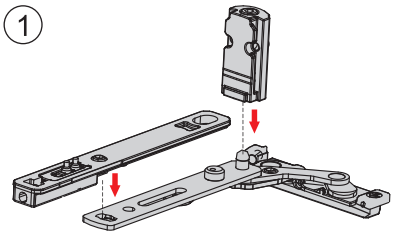


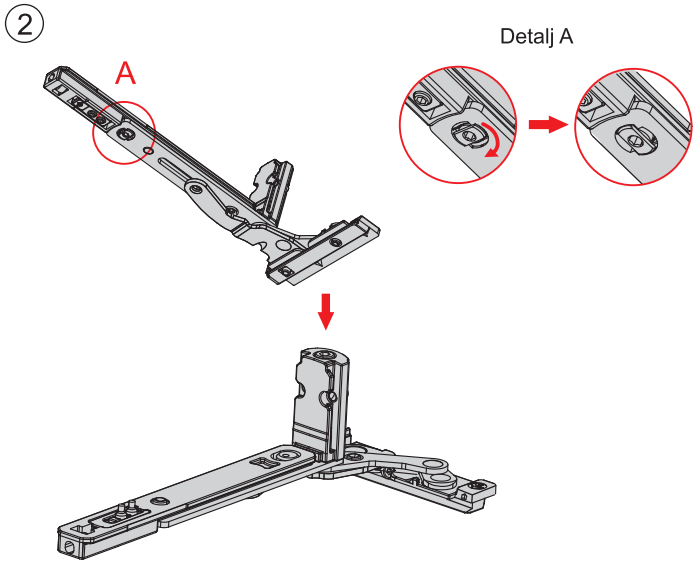
G nosač donje spojnice
G carrier bottom hinge
Г держатель нижней петли



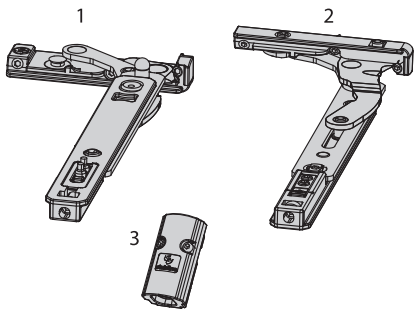
Montaža donje spojnice
Installation of bottom hinge
Установка нижней петли



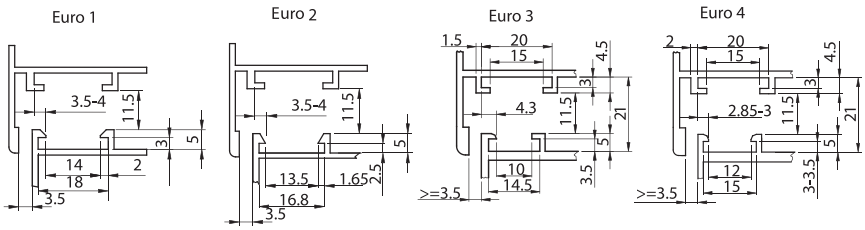




2101.00



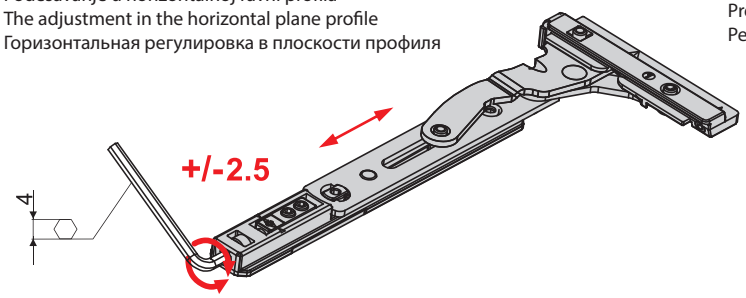
1	2101 .01	Gornja leva spojnica (Donja desna spojnica)	1
2	2101. 02	Donja leva spojnica (Gornja desna spojnica)	1
3	2101.00.02	G nosač donje spojnice	1



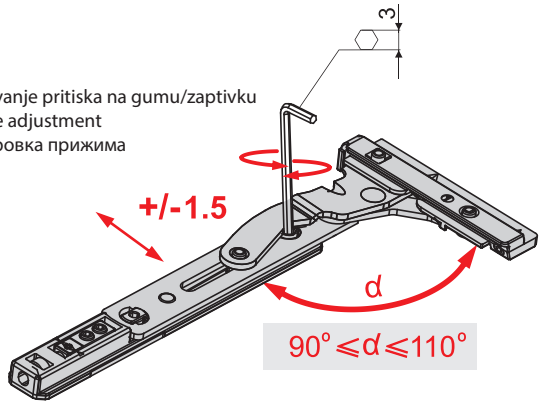
Univerzalne skrivene spojnice za okretno otvaranje (maksimalna masa krila 80kg)
Universal concealed hinges for turn opening (maximum sash weight 80kg)
Универсальные скрытые петли для поворотного открывания (максимальный вес створки 80 кг)

Gornja spojnica
Top hinge
Верхняя петля

Podešavanje u horizontalnoj ravni profila
The adjustment in the horizontal plane profile
Горизонтальная регулировка в плоскости профиля

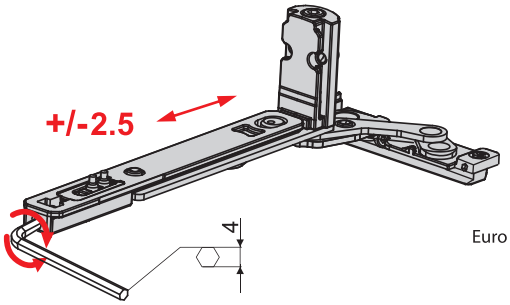


Podešavanje pritiska na gumu/zaptivku
Pressure adjustment
Регулировка прижима



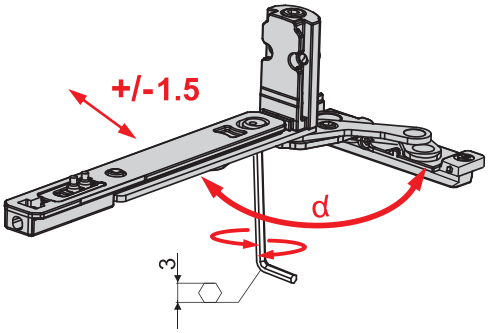
Donja spojnica
Bottom hinge
Нижняя петля

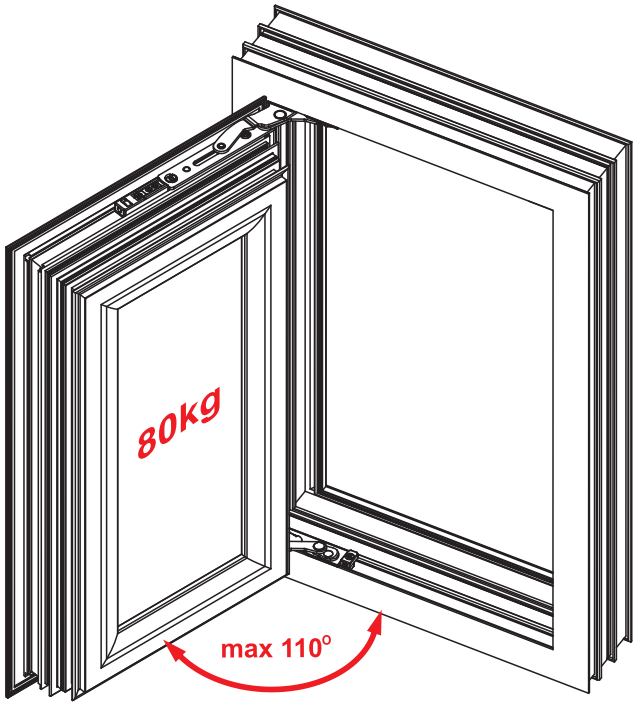
Podešavanje u horizontalnoj ravni profila
The adjustment in the horizontal plane profile
Горизонтальная регулировка в плоскости профиля



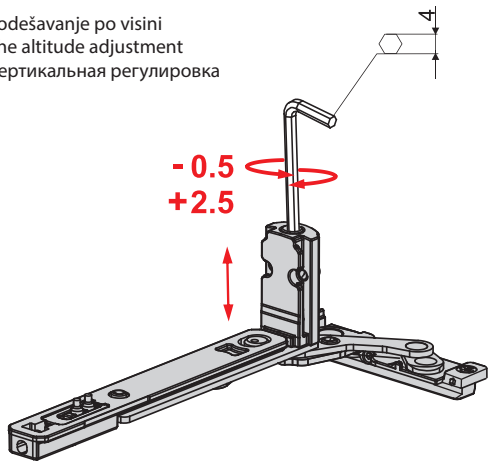
Euro 4

Podešavanje pritiska na gumu/zaptivku
Pressure adjustment
Регулировка прижима





Podešavanje po visini
The altitude adjustment
Вертикальная регулировка



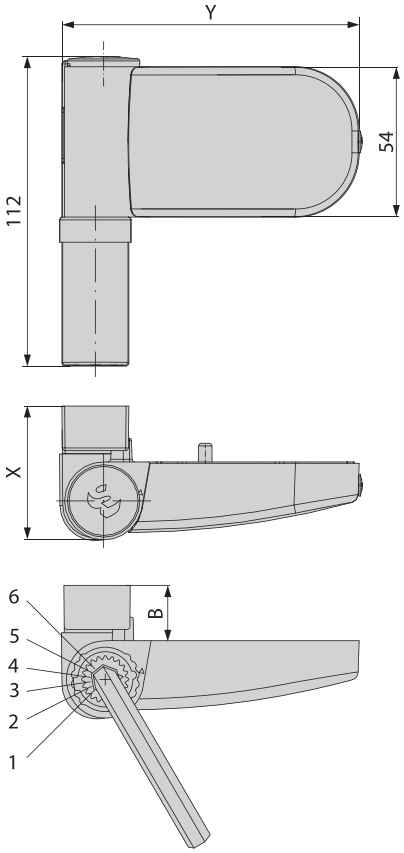
Spojnice
Hinges
Петли

Artikal	X	B	Y
2030.00	50	(18÷23)	108
2031.00	47	(15÷20)	108
2032.00	50	(18÷23)	88
2033.00	47	(15÷20)	88

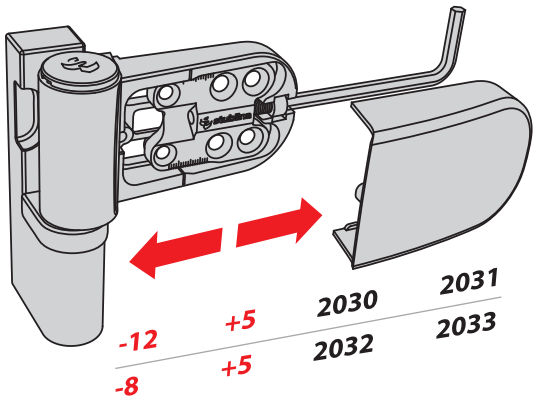
SR / Tehničke informacije:
- Proizvedeno od aluminijumskih legura i legure cinka livenjem pod visokim pritiskom.
- Plastični delovi su od poliamida.
- Zavrtnji od pocinkovanog čelika.
- Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:
- Made of aluminium alloys and zinc alloy by die-casting.
- Plastic parts are made of polyamide.
- The screws are from zink plated steel.
- Surface protection powder coating and liquid painting.

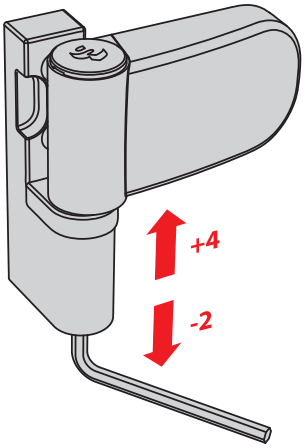
RU / Техническая информация:
- Изготовлена из сплавов алюминия и цинка методом литья под высоким давлением.
- Отдельные детали полиамида.
- Винты из оцинкованной стали.
- Окончательная обработка, порошковая и жидкая краска.



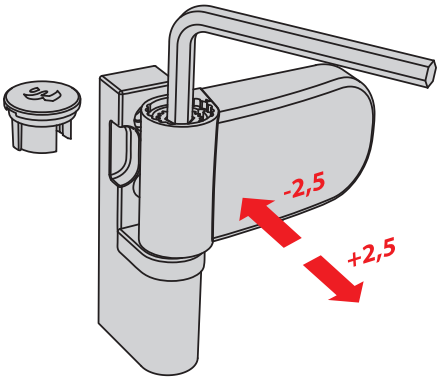
Uputstvo za podešavanje
Adjustment instructions
Регулировка



Podešavanje po širini u ravni vrata
Width adjustment in the door plane
Горизонтальная регулировка



Podešavanje po visini
Height adjustment
Вертикальная регулировка

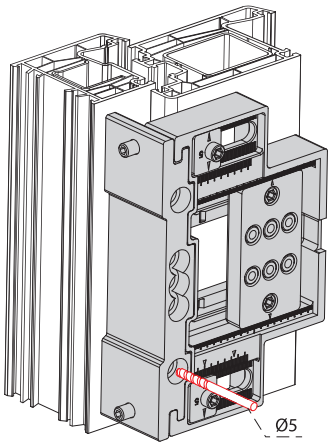


Podešavanje po dubini - podešavanje pritiska na zaptivku
Depth adjustment - adjustment of the pressure on a gasket
Регулировка прижима

B		
2030.00 2032.00		**2031.00 2033.00**
18	1	15
19	2	16
20	3	17
21	4	18
22	5	19
23	6	20

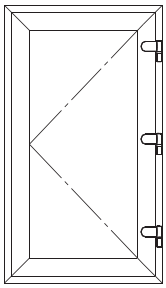
Spojnice
Hinges
Петли

1.



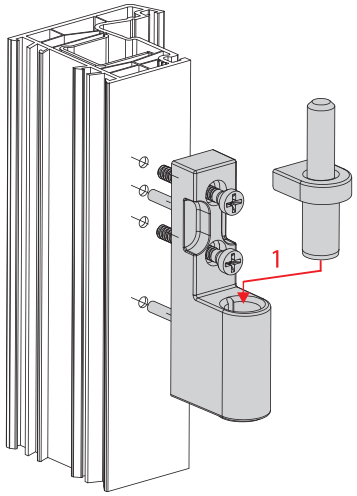
Bušenje otvora Ø5mm u štoku i krilu vrata (kroz šablon)
Drilling of the holes Ø5 on the door casement
and door wing (hole-pattern coordination)
Просверлить отверстия ø5мм с помощу шаблона

Preporuke za ugradnju
Recommendations for the installation
Рекомендации по установке

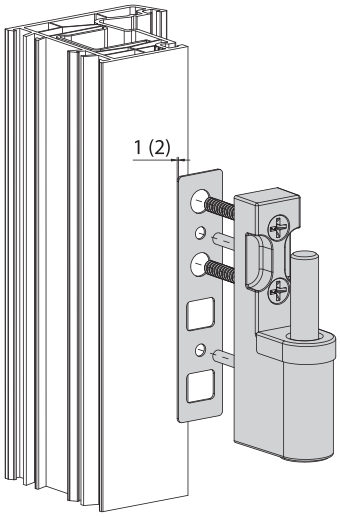


Napomena: treća spojnica, montirana u sredini, ne povećava nosivost već doprinosi boljoj zaptivenosti.
The third hinge, mounted in the middle doesn't increase the carrying capacity, but contributes to better tightness.
Треья петля, установленна по середине, не позволяет увеличить допустимую нагрузку, но улучшает плотность закрывания двери.

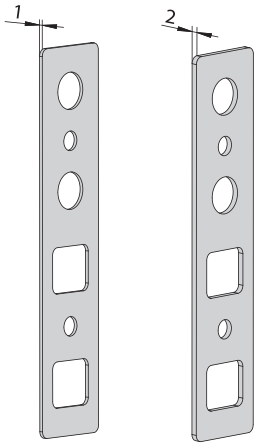
2.



Montaža tela spojnice na štok vrata
Mounting of the hinge's body on the door casement
Монтаж основы петли на дверную коробку

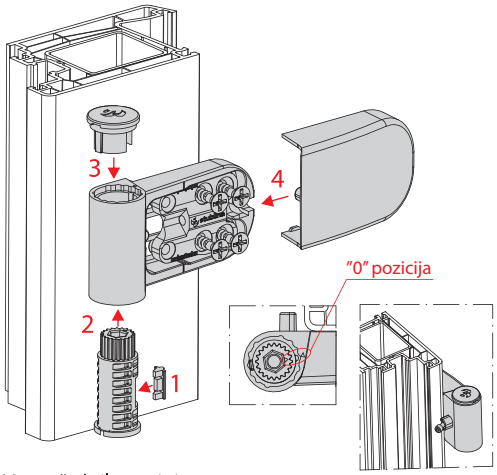


Plastična podloška (≠1; ≠2)
Plastic washer
Втулка из полиамида



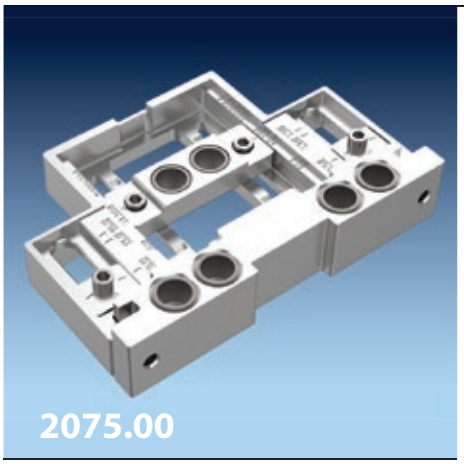
2033.09 **2033.10**

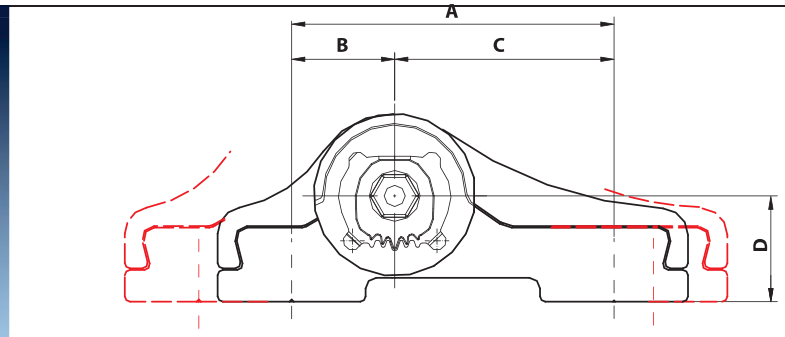
3.

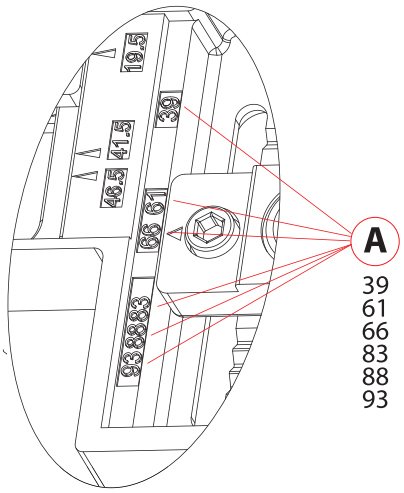


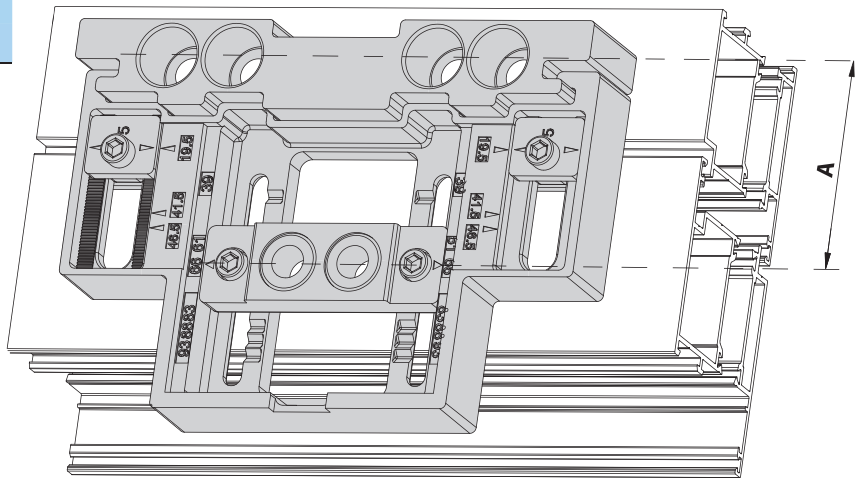
Montaža krila spojnice na vrata
Mounting of the hinge's wing on the door
Монтаж крыла петли на дверь

Šabloni
Templates
Шаблоны





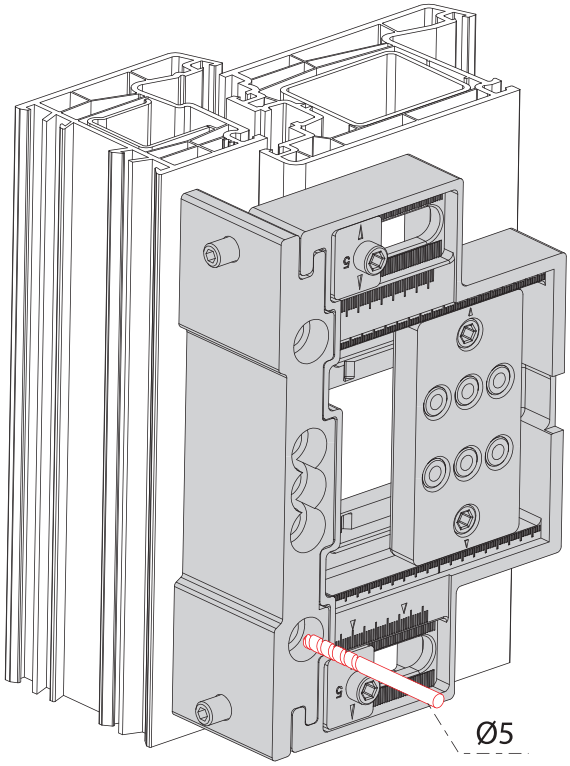




SR / Tehničke informacije:
•Proizveden od ekstrudiranog aluminijuma, legure aluminijuma i cinka.
•Zavrtnji od pocinkovanog čelika.

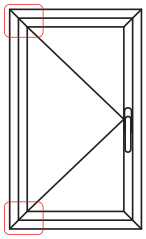
EN / Technical information:
•Manufactured from extruded aluminium, aluminum alloy and zinc.
•The screws are from zink plated steel.

RU / Техническая информация:
•Изготовлен из экструдированного алюминия, алюминиевого сплава и цинка.
•Винты из оцинкованной стали.



Spojnice
Hinges
Петли

Artikal
2113.00
2114.00
2115.00

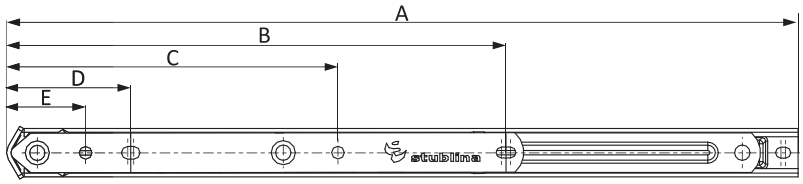


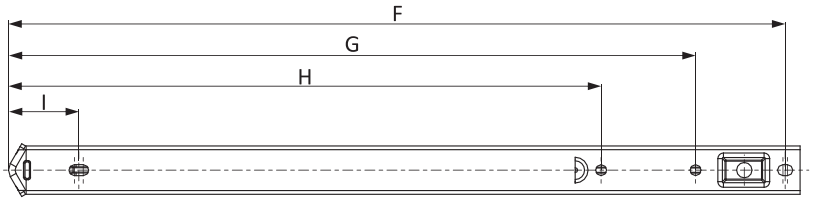
SR / Tehničke informacije:
- Proizvedena od nerđajućeg čelika.
- Plastični delovi su od poliamida.

EN / Technical information:
- Made of stainless steel .
- Plastic parts are made of polyamide.

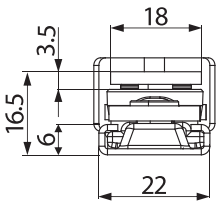
RU / Техническая информация:
- Изготовлена из нержавеющей стали .
- Пластиковые детали изготовлены из полиамида.

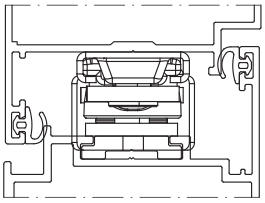
Artikal	A	B	C	D	E	F	G	H	I
2113.00 - 10"	268	202	126	57	36	261	220	/	32
2114.00 - 12"	310	202	126	57	36	304	263	244	32
2115.00 - 14"	360	227	151	57	36	354	313	270	32

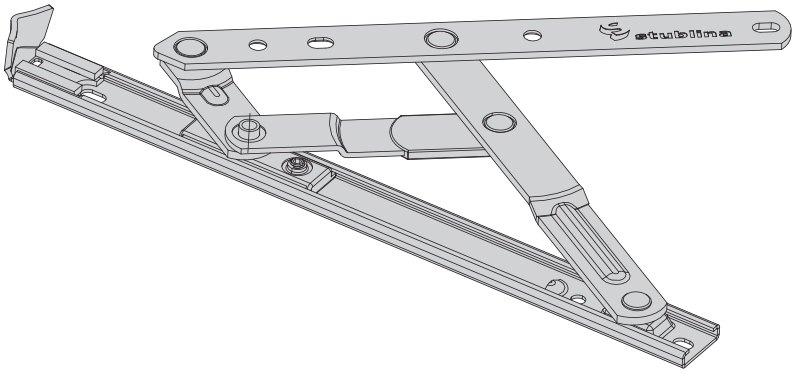




Tehnički parametri			
Maksimalna visina prozora (mm)	Maksimalna širina prozora (mm)	Maksimalna težina prozora (kg)	Maksimalni ugao otvaranja (°)
1400	400	25	90
1500	500	30	90
1600	600	33	90







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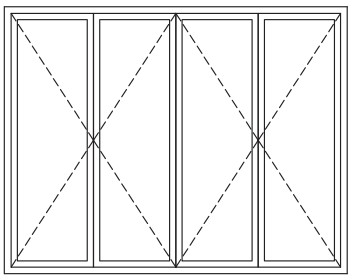

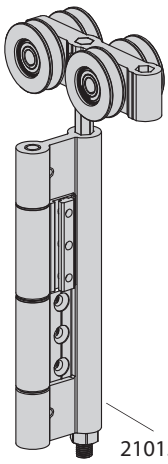

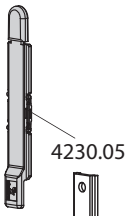

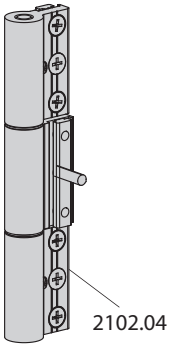

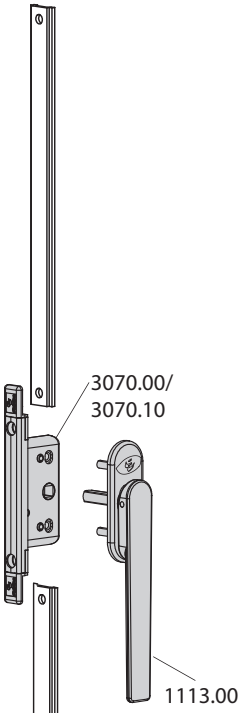

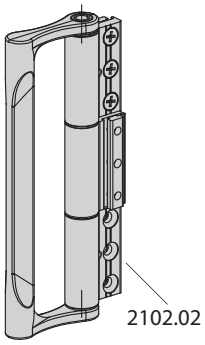

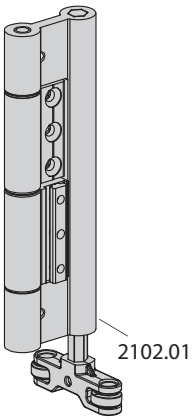

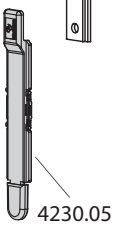

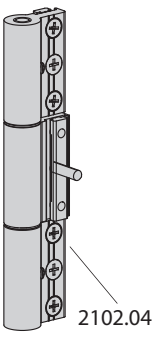

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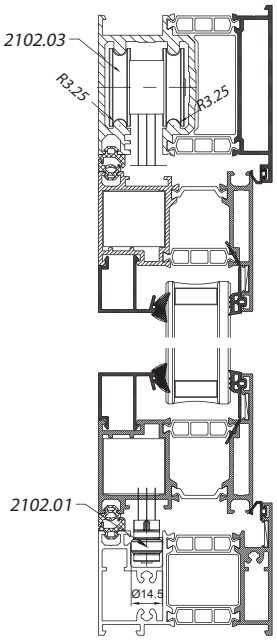

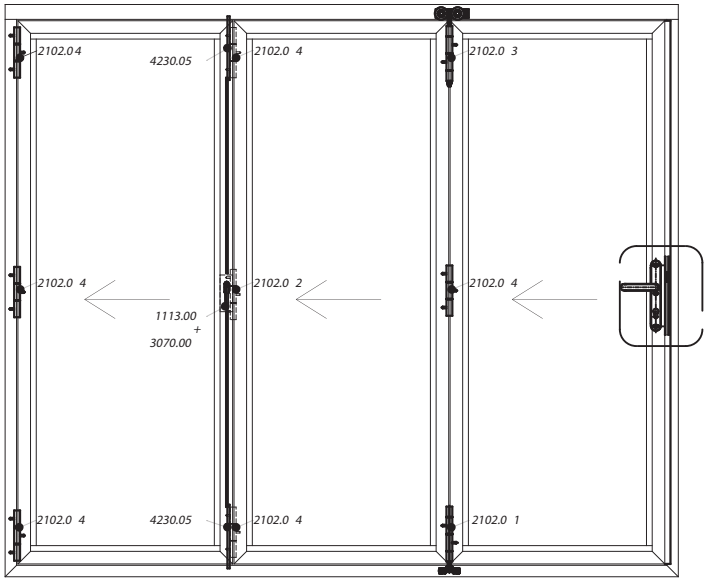

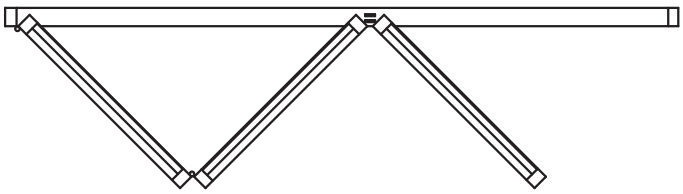

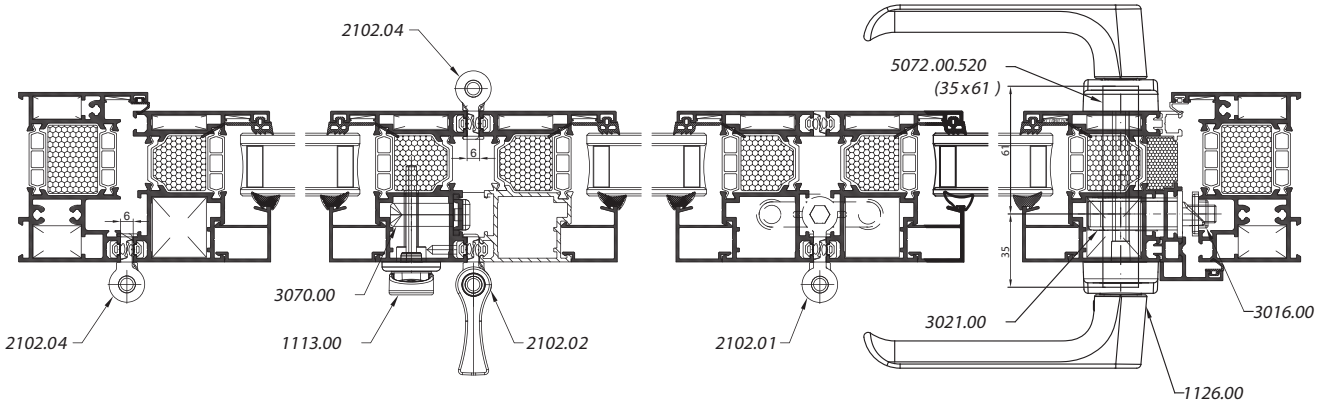

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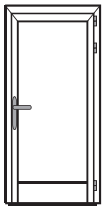
Brave

Door locks

Замки



Metal
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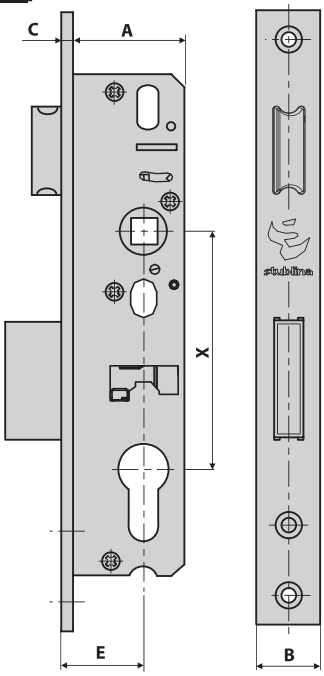
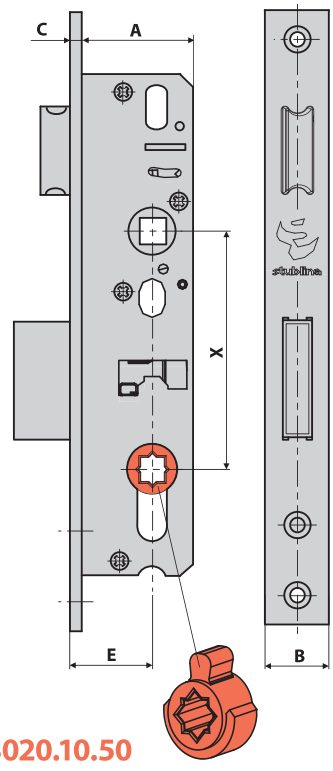
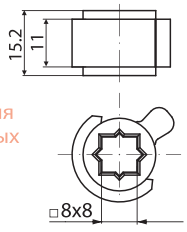




3020.10.50

Umetak brave za sanitarne prostorije
Insert locks for sanitary facilities
Вставить замки для санитарно-бытовых помещений



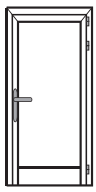
Artikal	Čeona ploča Lock forend Лицевая планка		X (mm)	A (mm)	B (mm)	C (mm)	E (mm)
3003.00	Čelični lim	9x9	82	25	22	3	17
3018.00	Čelični lim	9x9	82	37	22	3	25
3020.00	INOX	8x8	85	38	22	2.5	24.5
3021.00	INOX	8x8	85	43	22	2.5	29.5
3022.00	INOX	8x8	85	48	22	2.5	34.5
3023.00	INOX	8x8	85	59	22	2.5	44.5
3020.24	INOX	8x8	85	38	24	2.5	24.5
3021.24	INOX	8x8	85	43	24	2.5	29.5
3022.24	INOX	8x8	85	48	24	2.5	34.5
3023.24	INOX	8x8	85	59	24	2.5	44.5
3050.00	Čelični lim	8x8	85	38	16	3	25
3051.00	Čelični lim	8x8	85	43	16	3	30
3052.00	Čelični lim	8x8	85	48	16	3	35
3053.00	Čelični lim	8x8	85	59	16	3	45
3024.00	INOX	8x8	92	39	22	2.5	24.5
3025.00	INOX	8x8	92	44	22	2.5	29.5
3026.00	INOX	8x8	92	49	22	2.5	34.5
3028.00	INOX	8x8	92	59	22	2.5	44.5
3024.24	INOX	8x8	92	39	24	2.5	24.5
3025.24	INOX	8x8	92	44	24	2.5	29.5
3026.24	INOX	8x8	92	49	24	2.5	34.5
3028.24	INOX	8x8	92	59	24	2.5	44.5
3047.00	Čelični lim	8x8	92	39	16	3	25
3048.00	Čelični lim	8x8	92	44	16	3	30
3049.00	Čelični lim	8x8	92	49	16	3	35
3029.00	Čelični lim	8x8	92	59	16	3	45

Brave za sanitarne prostorije Locks for sanitary facilities Замки для санитарно-бытовых помещений			X (mm)	A (mm)	B (mm)	C (mm)	E (mm)
3020.10.50	Čelik	8x8	Umetak brave za sanitarne prostorije				
3020.10	INOX	8x8	85	38	22	2.5	24.5
3021.10	INOX	8x8	85	43	22	2.5	29.5
3022.10	INOX	8x8	85	48	22	2.5	34.5
3023.10	INOX	8x8	85	59	22	2.5	44.5
3020.24.10	INOX	8x8	85	38	24	2.5	24.5
3021.24.10	INOX	8x8	85	43	24	2.5	29.5
3022.24.10	INOX	8x8	85	48	24	2.5	34.5
3023.24.10	INOX	8x8	85	59	24	2.5	44.5
3050.10	Čelični lim	8x8	85	38	16	3	25
3051.10	Čelični lim	8x8	85	43	16	3	30
3052.10	Čelični lim	8x8	85	48	16	3	35
3053.10	Čelični lim	8x8	85	59	16	3	45
3024.10	INOX	8x8	92	39	22	2.5	24.5
3025.10	INOX	8x8	92	44	22	2.5	29.5
3026.10	INOX	8x8	92	49	22	2.5	34.5
3028.10	INOX	8x8	92	59	22	2.5	44.5
3024.24.10	INOX	8x8	92	39	24	2.5	24.5
3025.24.10	INOX	8x8	92	44	24	2.5	29.5
3026.24.10	INOX	8x8	92	49	24	2.5	34.5
3028.24.10	INOX	8x8	92	59	24	2.5	44.5
3047.10	Čelični lim	8x8	92	39	16	3	25
3048.10	Čelični lim	8x8	92	44	16	3	30
3049.10	Čelični lim	8x8	92	49	16	3	35
3029.10	Čelični lim	8x8	92	59	16	3	45

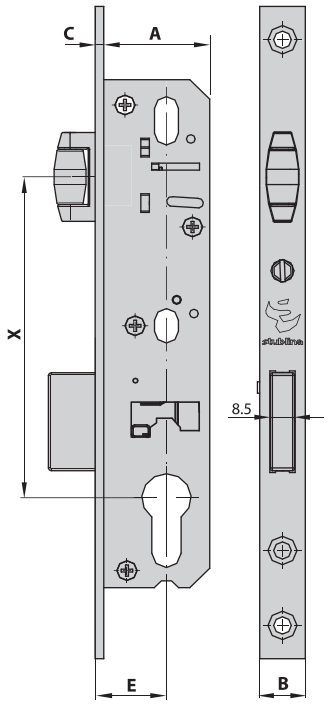
Brave

Door locks

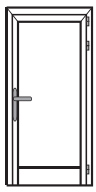
Замки



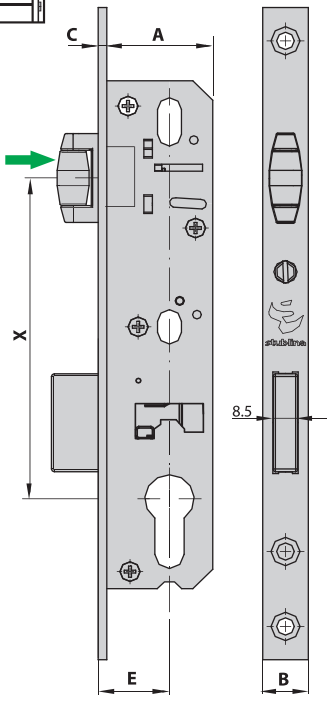
Metal
PVC

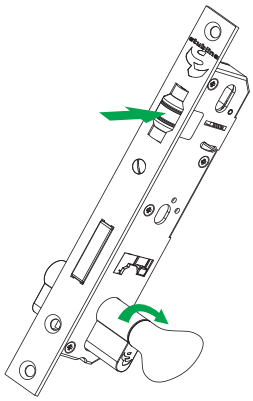


Artikal	Čeona ploča Lock forend Лицевая планка		X (mm)	A (mm)	B (mm)	C (mm)	E (mm)
3001.00	Čelični lim		110	25	22	3	17
3015.00	Čelični lim		108.5	37	22	3	25
3030.00	INOX		116	38	22	2.5	24.5
3031.00	INOX		116	43	22	2.5	29.5
3032.00	INOX		116	48	22	2.5	34.5
3030.24	INOX		116	38	24	2.5	24.5
3031.24	INOX		116	43	24	2.5	29.5
3032.24	INOX		116	48	24	2.5	34.5
3055.00	Čelični lim		116	38	16	3	25
3056.00	Čelični lim		116	43	16	3	30
3057.00	Čelični lim		116	48	16	3	35



Metal
PVC





Artikal	Čeona ploča Lock forend Лицевая планка		X (mm)	A (mm)	B (mm)	C (mm)	E (mm)
3034.00	INOX		116	38	22	2.5	24.5
3035.00	INOX		116	43	22	2.5	29.5
3036.00	INOX		116	48	22	2.5	34.5
3033.00	INOX		116	59	22	2.5	44.5
3034.24	INOX		116	38	24	2.5	24.5
3035.24	INOX		116	43	24	2.5	29.5
3036.24	INOX		116	48	24	2.5	34.5
3033.24	INOX		116	59	24	2.5	44.5
3042.00	Čelični lim		116	38	16	3	25
3043.00	Čelični lim		116	43	16	3	30
3044.00	Čelični lim		116	48	16	3	35
3058.00	Čelični lim		116	59	16	3	45

Brave

Door locks

Замки

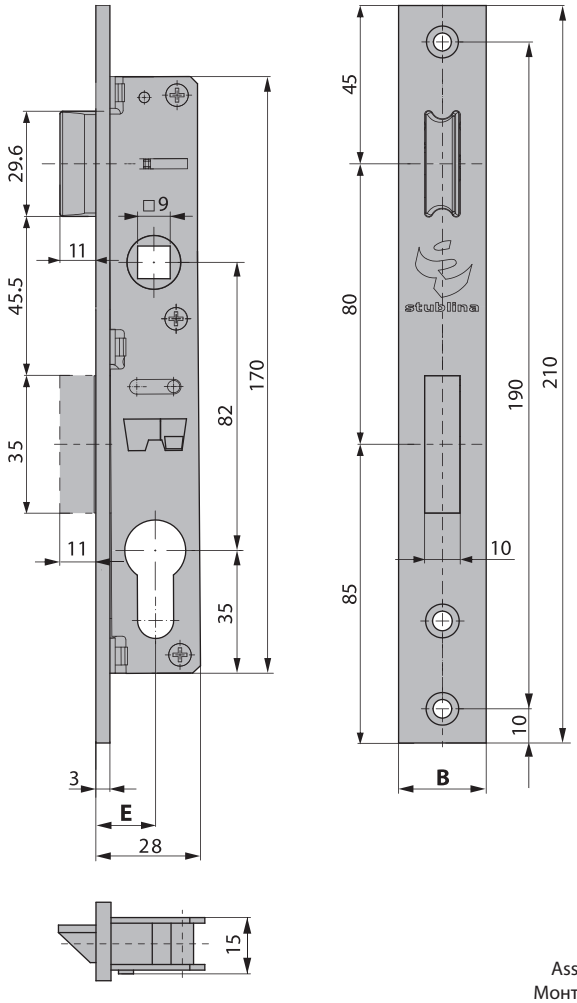
Artikal		B (mm)	E (mm)	X
3003.00L	9x9	22	16	ZINK PLATED
3003.00D	9x9	22	16	
3001.00		22	16	

X - Čeona ploča / Lock forend / Лицевая планка

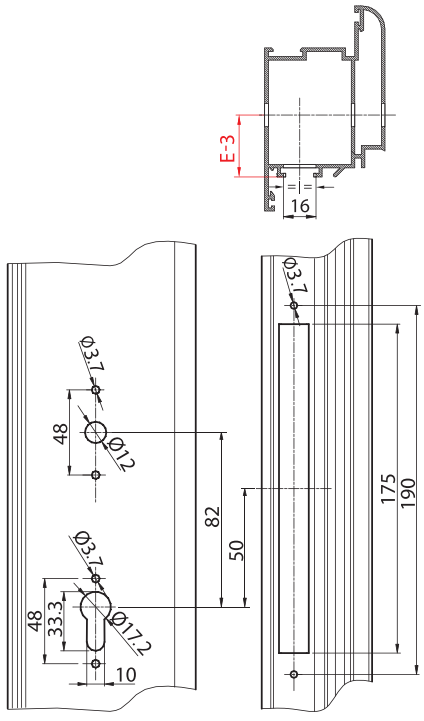
SR / Tehničke informacije:
- Valjak od mesinga, jezičak, zabravljivač i umetak za kvadratni šip od pocinkovanog zamka,
- Opruge od čelika velike čvrstoće,
- Telo brave i zavrtnji od pocinkovanog čelika.

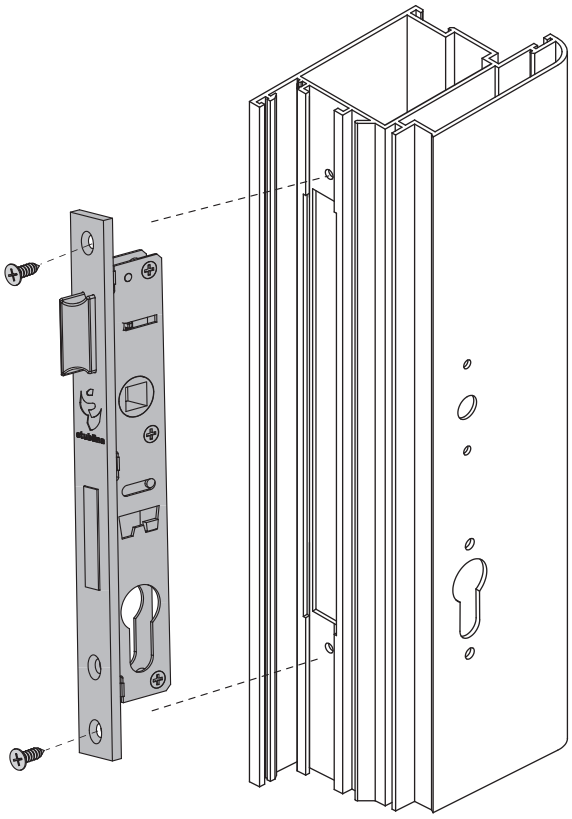
EN / Technical information:
- Mesing roller, latch bolt, deadbolt and the insert from the square pin are made of zink plated zamak,
- High-strength steel spring,
- Lock body and screws made of zinc plated steel.

RU / Технические информации:
- Валик из латуни, язычок, запорный механизм и вкладыш для штыря из сплава цинка,
- Пружина из высокопрочной стали,
- Корпус и винты из оцинкованой стали.



Montažni crtež
Assembly drawing
Монтажный чертеж





Brave

Door locks

Замки

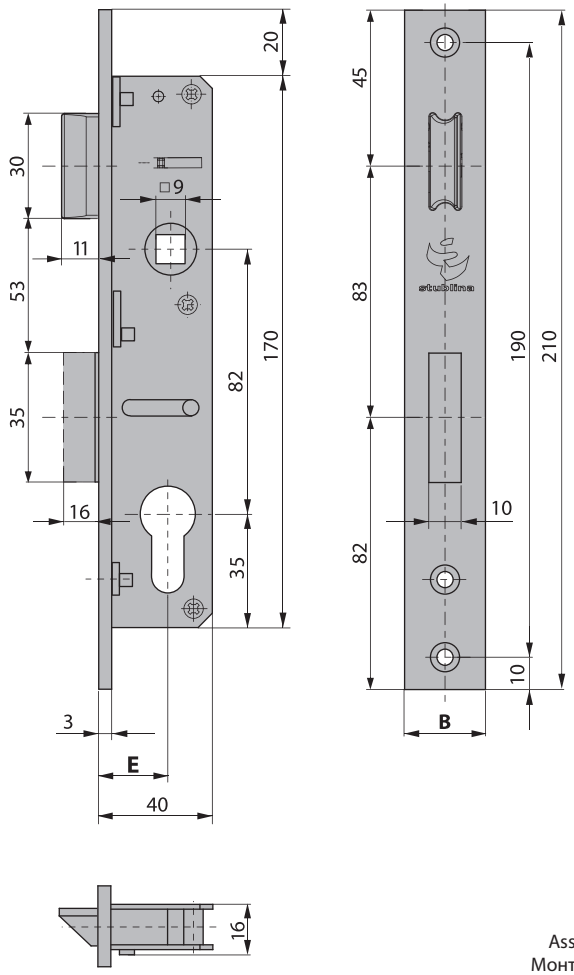
Artikal		B (mm)	E (mm)	X
3018.00L	9x9	22	25	ZINK PLATED
3018.00D	9x9	22	25	
3015.00		22	25	

X - Čeona ploča / Lock forend / Лицевая планка

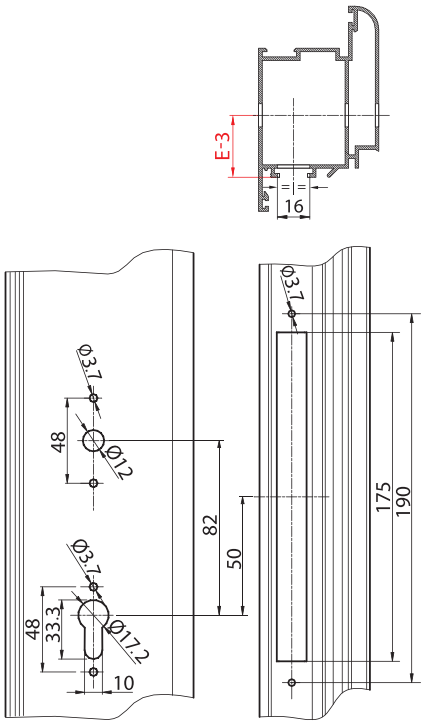
SR / Tehničke informacije:
- Valjak od mesinga, jezičak, zabravljivač i umetak za kvadratni šip od pocinkovanog zamka,
- Opruge od čelika velike čvrstoće,
- Telo brave i zavrtnji od pocinkovanog čelika.

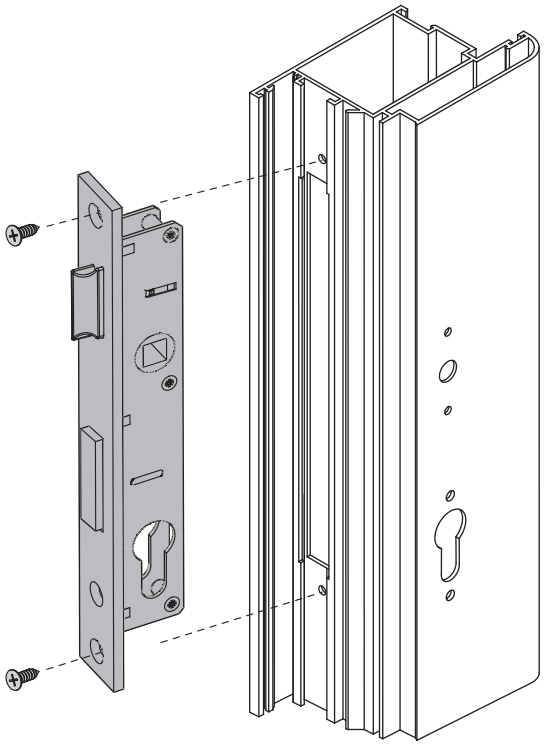
EN / Technical information:
- Mesing roller, latch bolt, deadbolt and the insert from the square pin are made of zink plated zamak,
- High-strength steel spring,
- Lock body and screws made of zinc plated steel.

RU / Технические информации:
- Валик из латуни, язычок, запорный механизм и вкладыш для штыря из сплава цинка,
- Пружина из высокопрочной стали,
- Корпус и винты из оцинкованой стали.



Montažni crtež
Assembly drawing
Монтажный чертеж





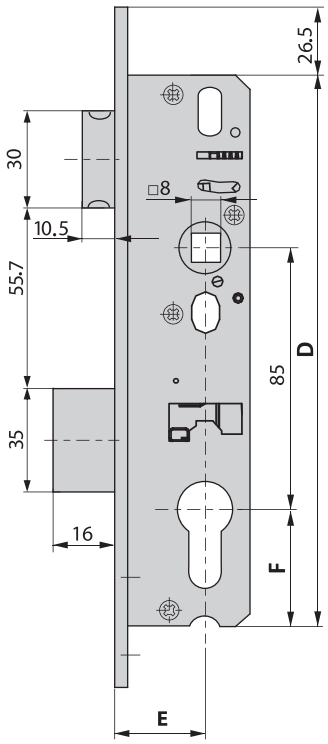
Brave

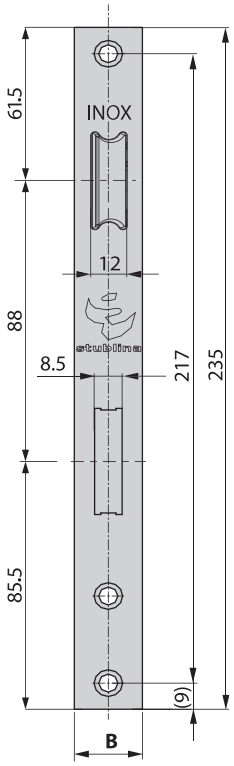
Door locks

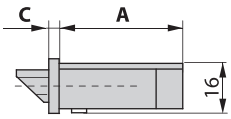
Замки

Artikal	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	X
3020.00	38	22	2.5	183	24.5	33	INOX (AISI 304)
3021.00	43	22	2.5	183	29.5	33	
3022.00	48	22	2.5	183	34.5	33	
3023.00	59	22	2.5	190	44.5	40	
3020.24	38	24	2.5	183	24.5	33	
3021.24	43	24	2.5	183	29.5	33	
3022.24	48	24	2.5	183	34.5	33	
3023.24	59	24	2.5	190	44.5	40	
3050.00	38	16	3	183	25	33	ZINK PLATED
3051.00	43	16	3	183	30	33	
3052.00	48	16	3	183	35	33	
3053.00	59	16	3	190	45	40	

X - Čeona ploča / Lock forend / Лицевая планка





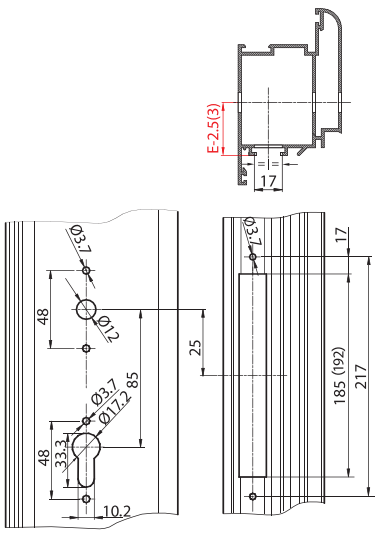


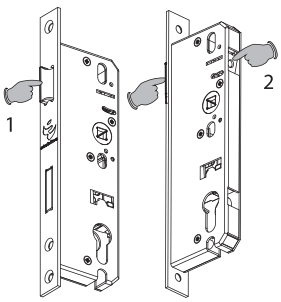
SR / Tehničke informacije:
- Jezičak, zabravljivač i umetak za kvadratni šip od pocinkovanog zamka.
- Opruge od čelika velike čvrstoće.
- Telo brave i zavrtnji od pocinkovanog čelika.

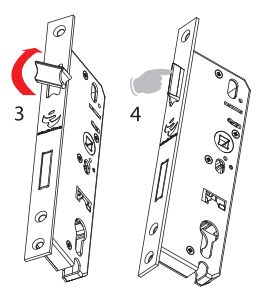
EN / Technical information:
- Latch bolt, deadbolt and the insert from the square pin are made of zink plated zamak.
- High-strength steel springs.
- Lock body and screws made of zinc plated steel.

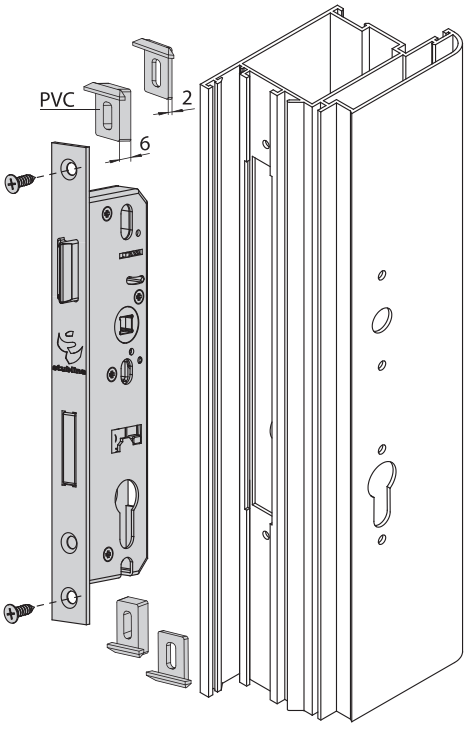
RU / Технические информации:
- Язычок, запорный механизм и вкладыш для штыря из сплава цинка.
- Пружина из высокопрочной стали.
- Корпус и винты из оцинкованой стали.

Montažni crtež
Assembly drawing
Монтажный чертеж









Brave

Door locks

Замки

Artikal	A (mm)	B (mm)	C (mm)	E (mm)	X
3024.00	39	22	2.5	24.5	INOX (AISI 304)
3025.00	44	22	2.5	29.5	
3026.00	49	22	2.5	34.5	
3028.00	59	22	2.5	44.5	
3024.24	39	24	2.5	24.5	
3025.24	44	24	2.5	29.5	
3026.24	49	24	2.5	34.5	
3028.24	59	24	2.5	44.5	
3047.00	39	16	3	25	ZINK PLATED
3048.00	44	16	3	30	
3049.00	49	16	3	35	
3029.00	59	16	3	45	

X - Čeona ploča / Lock forend / Лицевая планка

SR / Tehničke informacije:

- Jezičak, zabravljivač i umetak za kvadratni šip od pocinkovanog zamka.
- Opruge od čelika velike čvrstoće.
- Telo brave i zavrtnji od pocinkovanog čelika.

EN / Technical information:

- Latch bolt, deadbolt and the insert from the square pin are made of zink plated zamak.
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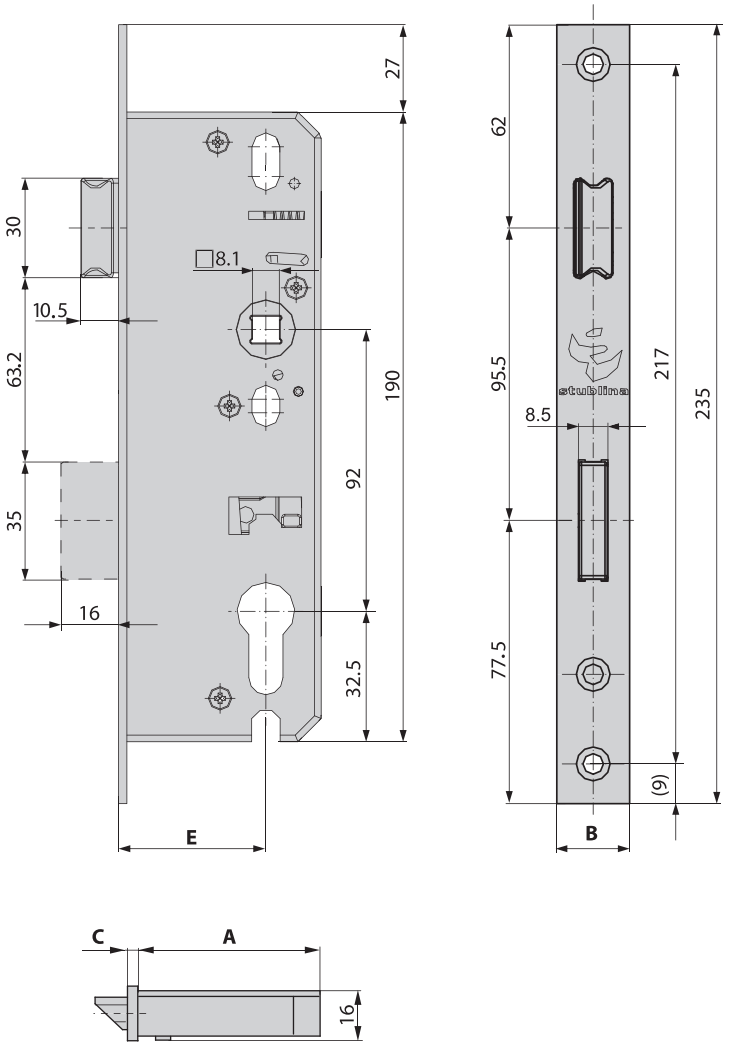
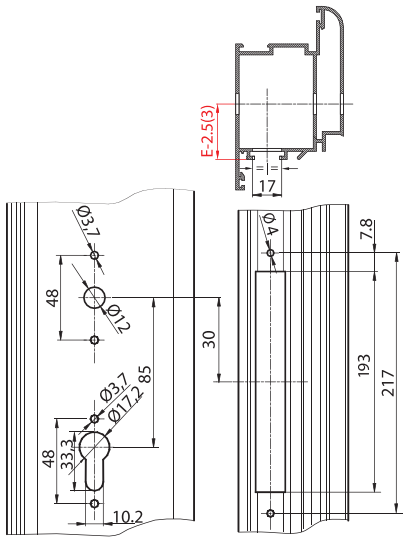
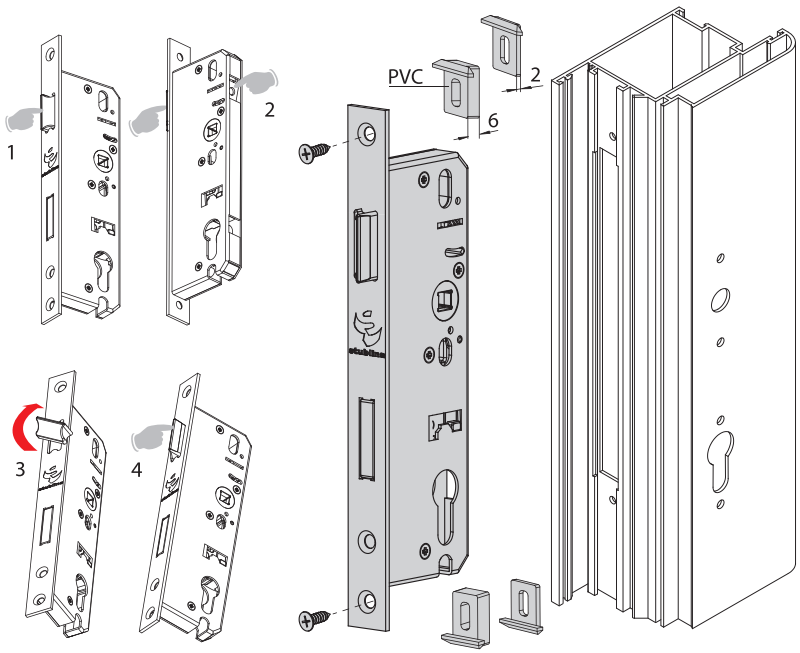
- Язычок, запорный механизм и вкладыш для штыря из сплава цинка.
- Пружина из высокопрочной стали.
- Корпус и винты из оцинкованой стали.



Montažni crtež
Assembly drawing
Монтажный чертеж





Brave

Door locks

Замки

Artikal		A (mm)	B (mm)	C (mm)	E (mm)	X
3040.00		48	22	2.5	35	INOX (AISI 304)
3038.00		43	22	2.5	30	
3041.00		48	22	2.5	35	
3039.00		43	22	2.5	30	

X - Čeona ploča / Lock forend / Лицевая планка

SR / Tehničke informacije:
- Valjak od mesinga, jezičak, zabravljivač i umetak za kvadratni šip od pocinkovanog zamka.
- Opruge od čelika velike čvrstoće.
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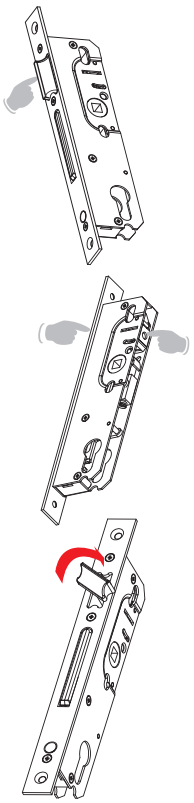
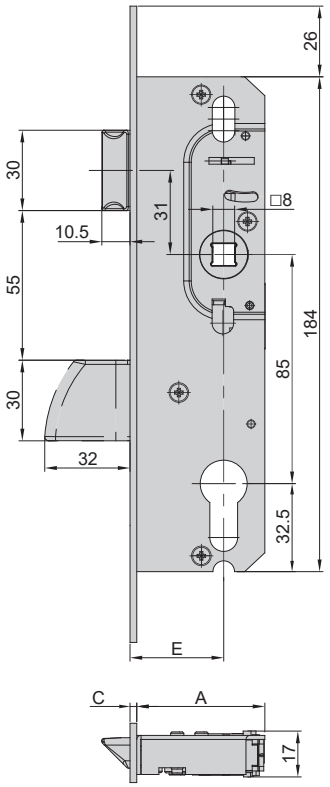
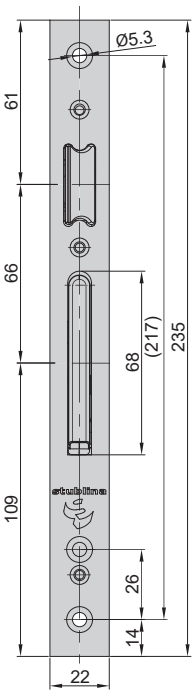
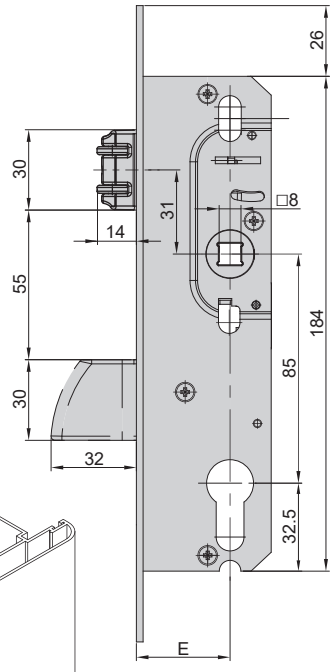
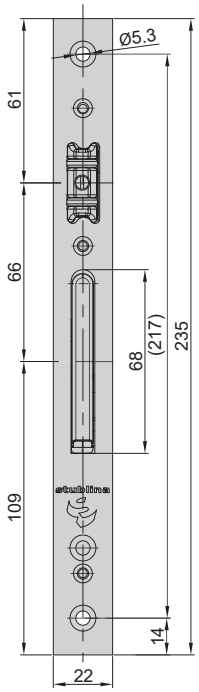
- Корпус и винты из оцинкованой стали.

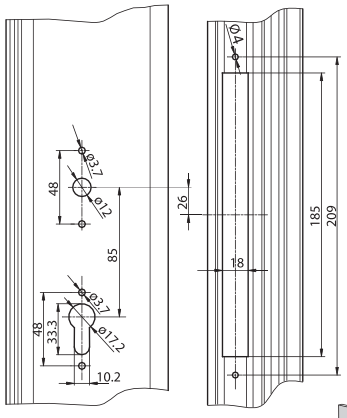


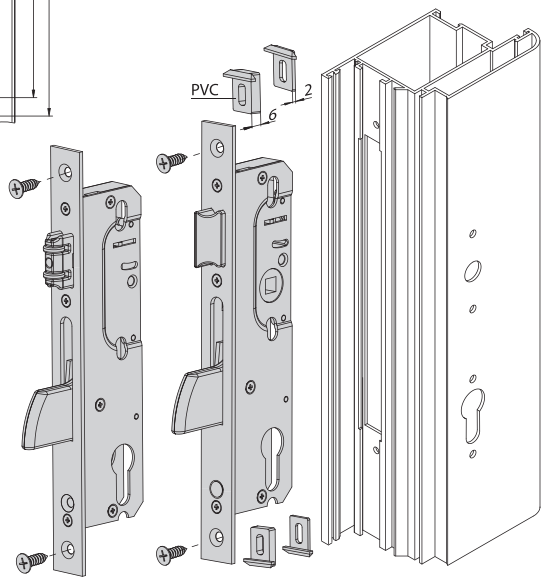












Brave

Door locks

Замки

Artikal	A (mm)	B (mm)	C (mm)	E (mm)	X
3030.00	38	22	2.5	24.5	INOX (AISI 304)
3031.00	43	22	2.5	29.5	
3032.00	48	22	2.5	34.5	
3030.24	38	24	2.5	24.5	
3031.24	43	24	2.5	29.5	
3032.24	48	24	2.5	34.5	

X - Čeona ploča / Lock forend / Лицевая планка

SR / Tehničke informacije:
- Valjak od mesinga, zabravljivač od pocinkovanog zamka,
- Opruge od čelika velike čvrstoće,
- Telo brave i zavrtnji od pocinkovanog čelika.

EN / Technical information:
- Mesing roller, deadbolt made of zink plated zamak,
- High-strength steel springs,
- Lock body and screws made of zinc plated steel.

RU / Технические информации:
- Валик из латуни, запорный механизм из сплава цинка,
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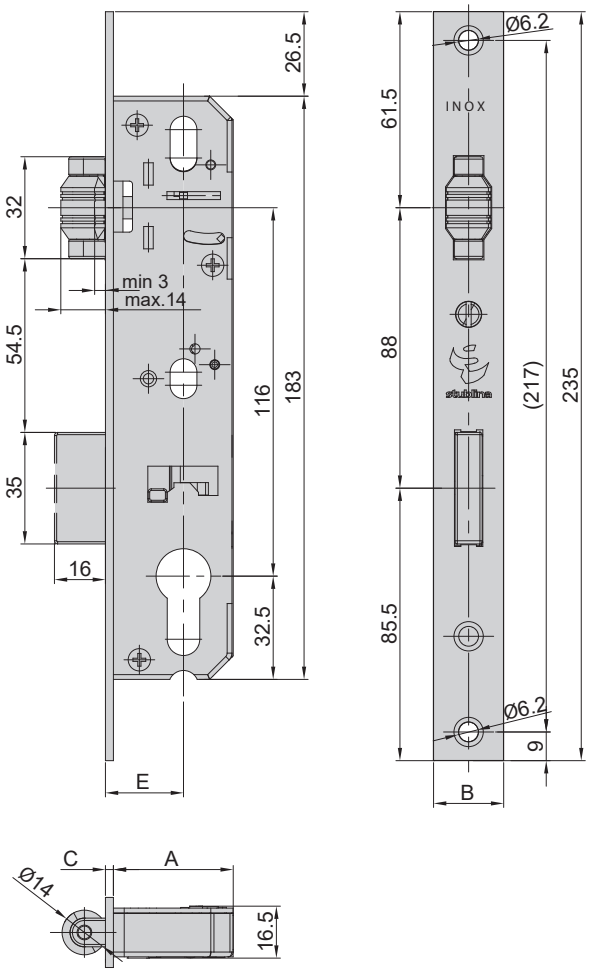
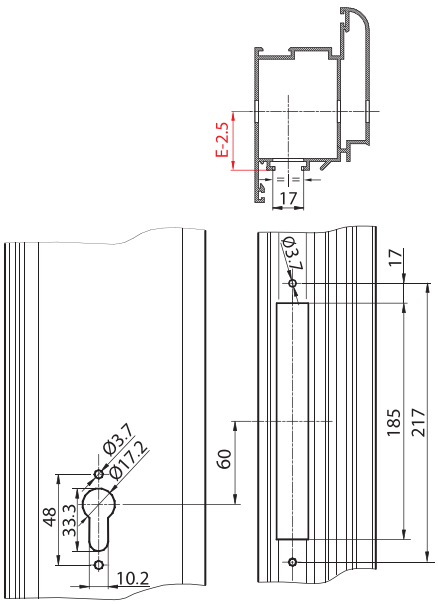
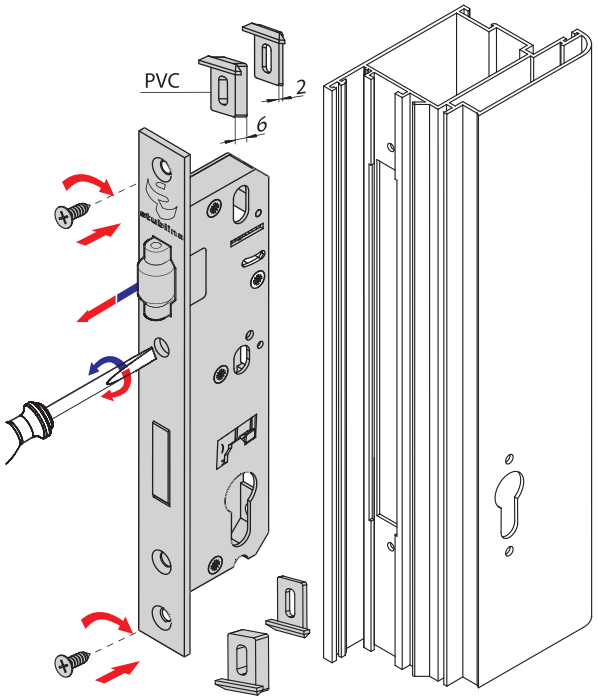
- Корпус и винты из оцинкованой стали.



Montažni crtež
Assembly drawing
Монтажный чертеж





Brave

Door locks

Замки

Artikal	A (mm)	B (mm)	C (mm)	E (mm)	X
3055.00	38	16	3	25	ZINK PLATED
3056.00	43	16	3	30	
3057.00	48	16	3	35	

X - Čeona ploča / Lock forend / Лицевая планка

SR / Tehničke informacije:
- Valjak od mesinga, zabravljivač od pocinkovanog zamka,
- Opruge od čelika velike čvrstoće,
- Telo brave i zavrtnji od pocinkovanog čelika.

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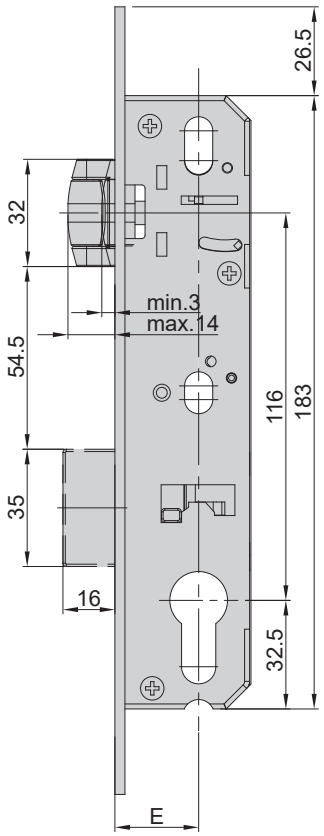
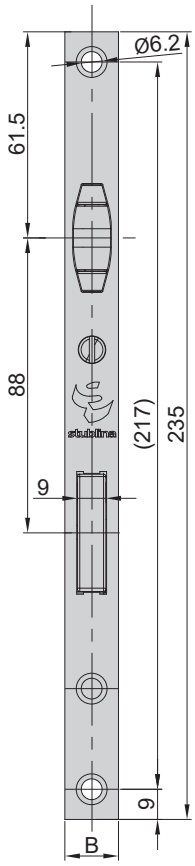
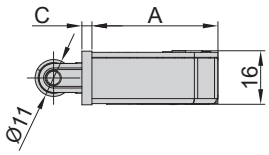
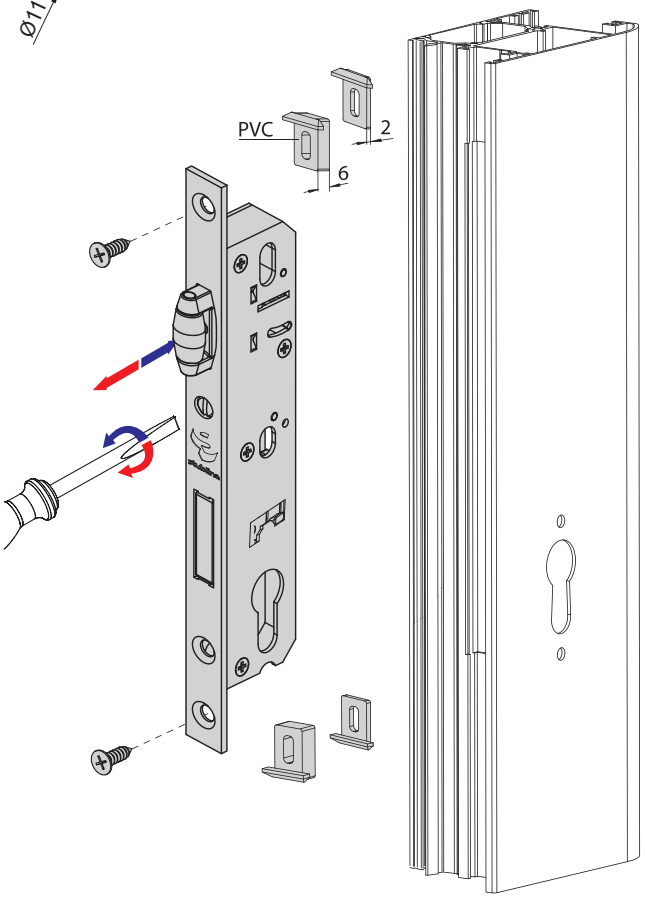
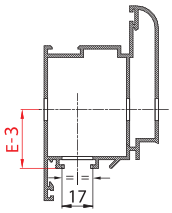
- Корпус и винты из оцинкованой стали.

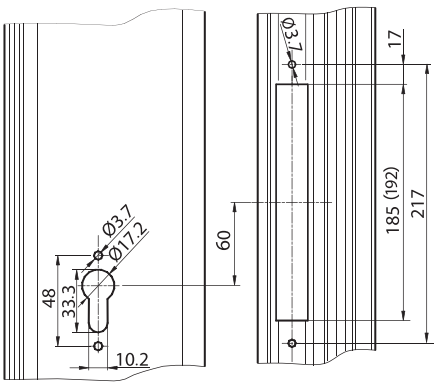












Brave

Door locks

Замки

Artikal	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	X
3034.00	38	22	2.5	183	24.5	33	INOX (AISI 304)
3035.00	43	22	2.5	183	29.5	33	
3036.00	48	22	2.5	183	34.5	33	
3033.00	59	22	2.5	190	44.5	40	
3034.24	38	24	2.5	183	24.5	33	
3035.24	43	24	2.5	183	29.5	33	
3036.24	48	24	2.5	183	34.5	33	
3033.24	59	24	2.5	190	44.5	40	

X - Čeona ploča / Lock forend / Лицевая планка

SR / Tehničke informacije:
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- Opruge od čelika velike čvrstoće,
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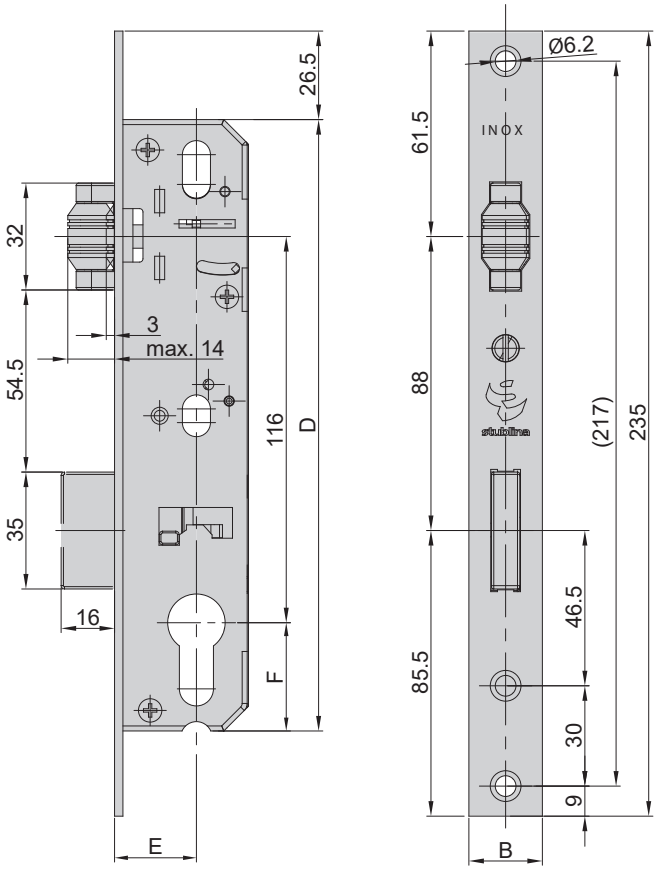

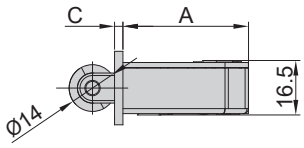

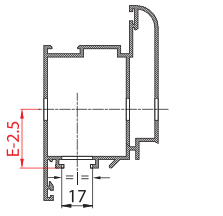

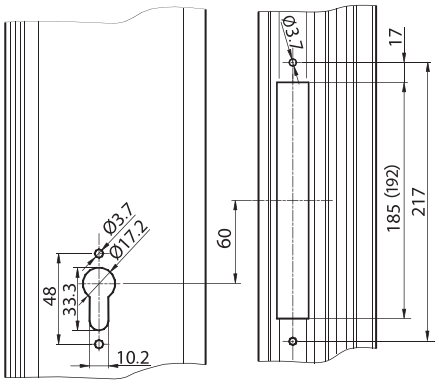

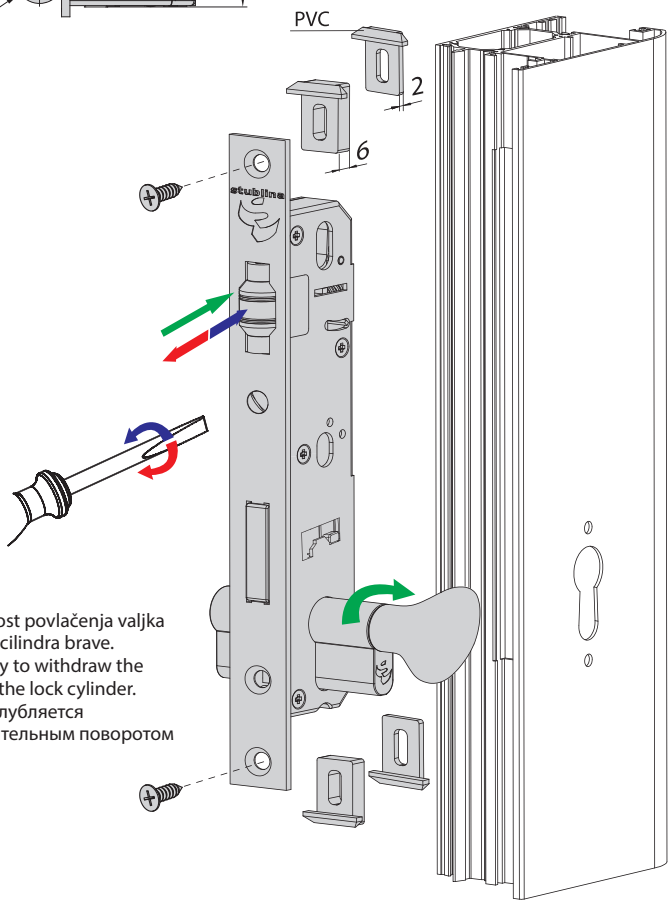

Mogućnost povlačenja valjka pomoću cilindra brave.
Possibility to withdraw the roller by the lock cylinder.
Валик углубляется дополнительным поворотом ключа.

Brave

Door locks

Замки

Artikal	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	X
3042.00	38	16	3	183	25	33	ZINK PLATED
3043.00	43	16	3	183	30	33	
3044.00	48	16	3	183	35	33	
3058.00	59	16	3	190	45	40	

X - Čeona ploča / Lock forend / Лицевая планка

SR / Tehničke informacije:
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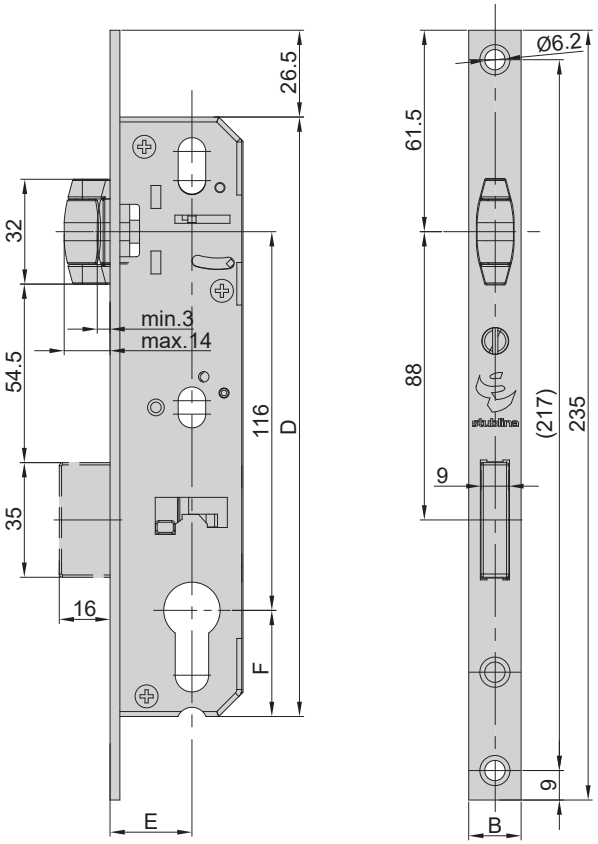
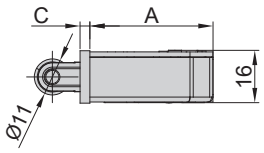
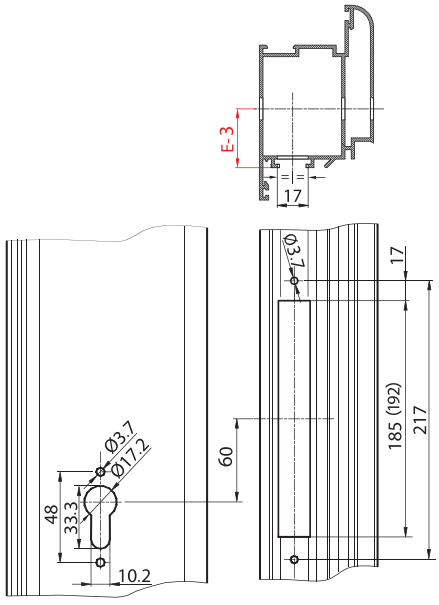
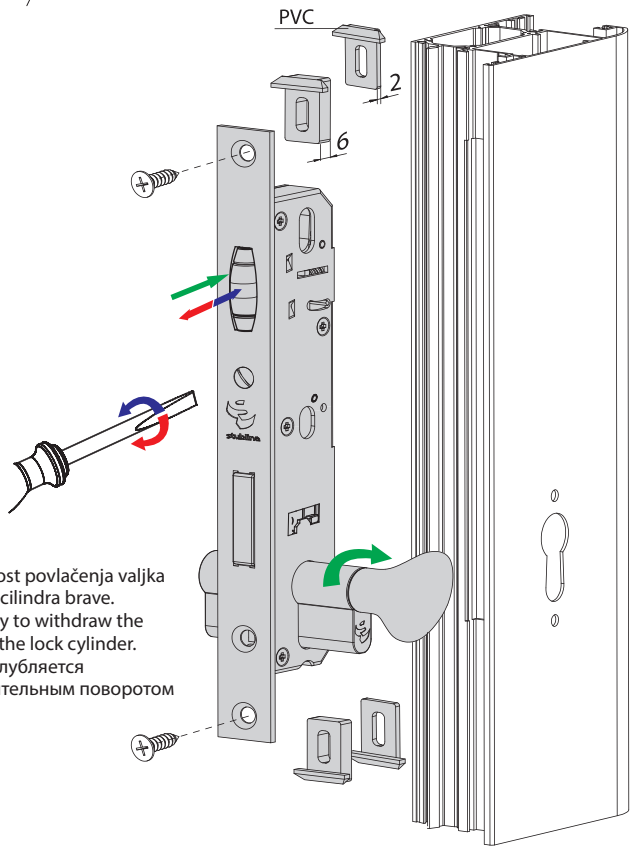
- Lock body and screws made of zinc plated steel.

RU / Технические информации:
- Валик из латуни, запорный механизм из сплава цинка,
- Пружина из высокопрочной стали,
- Корпус и винты из оцинкованой стали.









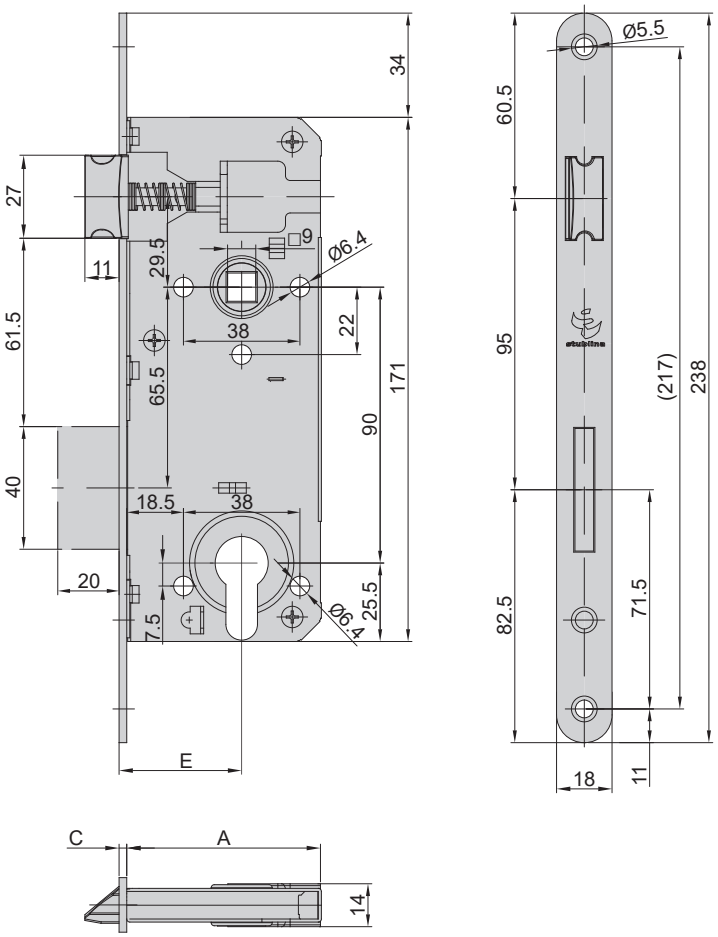
Mogućnost povlačenja valjka pomoću cilindra brave.
Possibility to withdraw the roller by the lock cylinder.
Валик углубляется дополнительным поворотом ключа.

Brave

Door locks

Замки

Artikal			A (mm)	B (mm)	C (mm)	E (mm)
3080.00.201	9x9		63.5	18	2.5	40
3080.00.220	9x9		63.5	18	2.5	40
3080.00.133	9x9		63.5	18	2.5	40
3080.01.201	8x8		63.5	18	2.5	40
3080.01.220	8x8		63.5	18	2.5	40
3080.01.133	8x8		63.5	18	2.5	40
3081.00.201	9x9		63.5	18	2.5	40
3081.00.220	9x9		63.5	18	2.5	40
3081.00.133	9x9		63.5	18	2.5	40
3081.01.201	8x8		63.5	18	2.5	40
3081.01.133	8x8		63.5	18	2.5	40
3082.00.201	9x9		63.5	18	2.5	40
3082.00.201	9x9		63.5	18	2.5	40
3082.00.133	9x9		63.5	18	2.5	40
3082.01.201	8x8		63.5	18	2.5	40
3082.01.133	8x8		63.5	18	2.5	40



SR / Tehničke informacije:

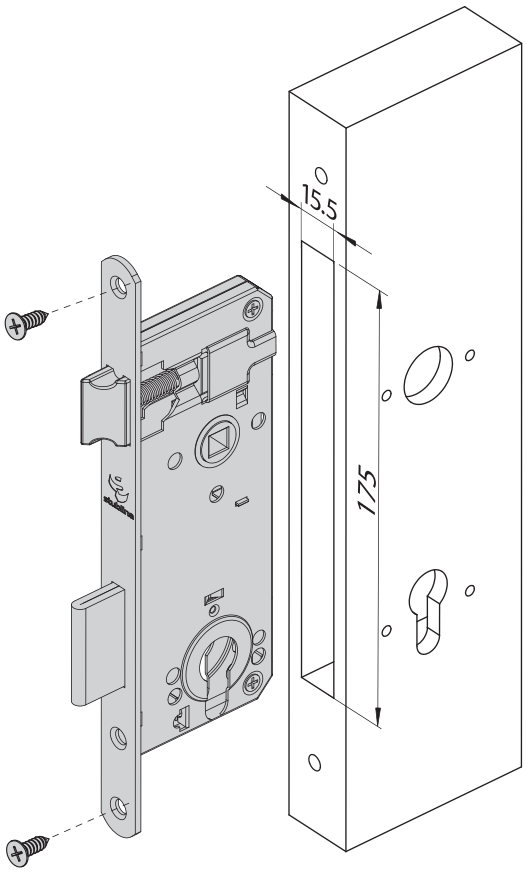
- Jezičak, zabravljivač i umetak za kvadratni šip od pocinkovanog zamka.
- Opruge od čelika velike čvrstoće.
- Telo brave i zavrtnji od pocinkovanog čelika.

EN / Technical information:

- Latch bolt, deadbolt and the insert from the square pin are made of zink plated zamak.
- High-strength steel springs.
- Lock body and screws made of zinc plated steel.

RU / Технические информации:

- Язычок, запорный механизм и вкладыш для штыря из сплава цинка.
- Пружина из высокопрочной стали.
- Корпус и винты из оцинкованой стали.



Drvo
Wood
Дерево

Brave

Door locks

Замки

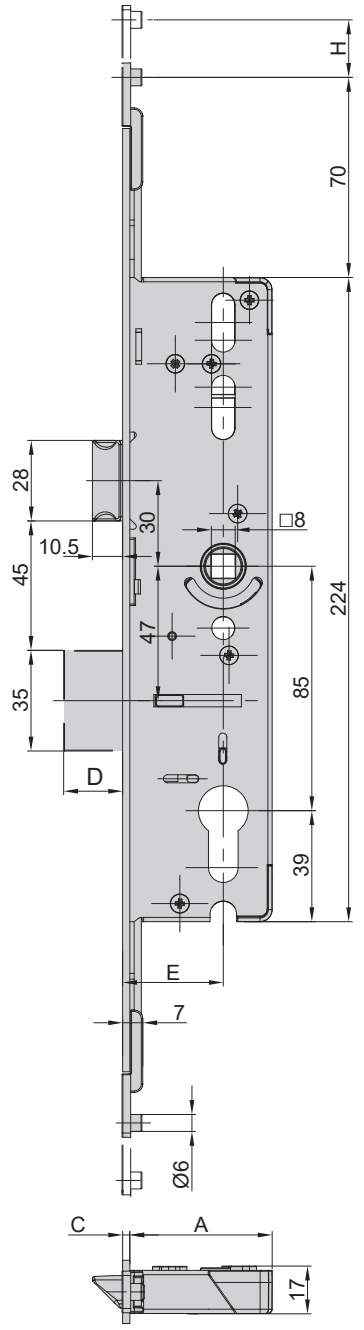
Artikal	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	H (mm)	X
3147.00	50	22	2.5	20.5	35	20	INOX (AISI 304)
3147.24	50	24	2.5	20.5	35	20	
3147.80	50	22	2.5	12.5	35	20	
3147.24.80	50	24	2.5	12.5	35	20	
3147.45	60	22	2.5	20.5	45	20	
3147.24.45	60	24	2.5	20.5	45	20	
3147.40	60	22	2.5	12.5	45	20	
3147.24.40	60	24	2.5	12.5	45	20	
3148.00	45	22	2.5	20.5	30	20	
3148.24	45	24	2.5	20.5	30	20	
3148.80	45	22	2.5	12.5	30	20	
3148.24.80	45	24	2.5	12.5	30	20	

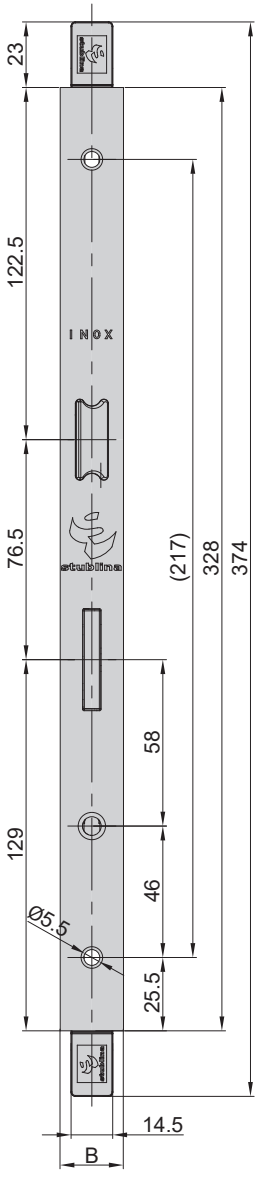
X - Čeona ploča / Lock forend / Лицевая планка

SR / Tehničke informacije:
- Jezičak, zabravljivač i umetak za kvadratni šip od pocinkovanog zamka,
- Opruge od čelika velike čvrstoće,
- Telo brave i zavrtnji od pocinkovanog čelika.

EN / Technical information:
- Latch bolt, deadbolt and the insert from the square pin are made of zink plated zamak,
- High-strength steel springs,
- Lock body and screws made of zinc plated steel.

RU / Технические информации:
- Язычок, запорный механизм и вкладыш для штыря из сплава цинка,
- Пружина из высокопрочной стали,
- Корпус и винты из оцинкованой стали.

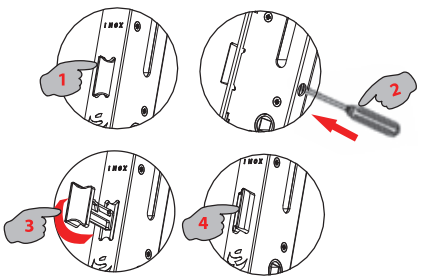


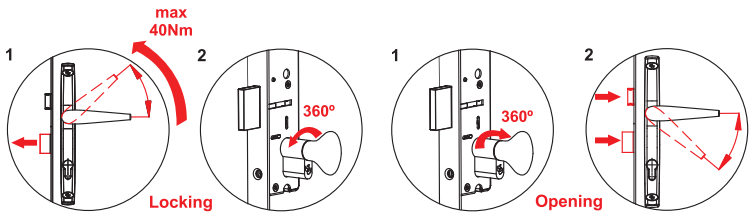


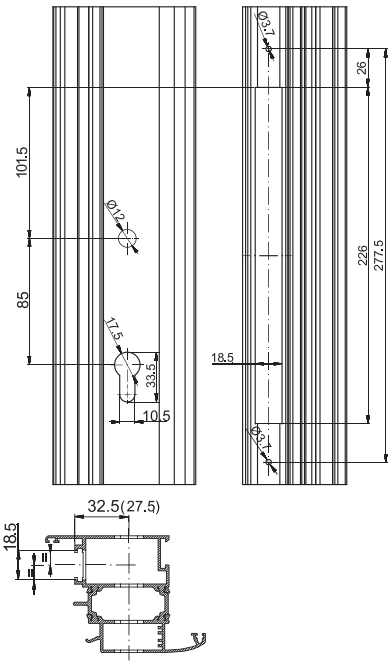
Mogućnost ugradnje na leva/desna vrata
The possibility of installation to the left/right doo
Монтаж на левую/правую дверь

Mogućnost zabravljivanja u više tačaka
The possibility of to multi-point locking
Возможность многоточечного запирания

Zaključavanje povlačenjem kvake na gore
Locking with pulling up the handle
Блокировка тянуть ручку вверх

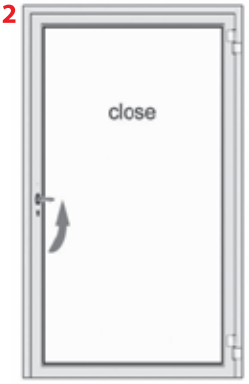






3147.00
3148.00

1

2


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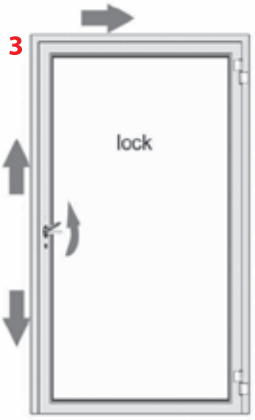
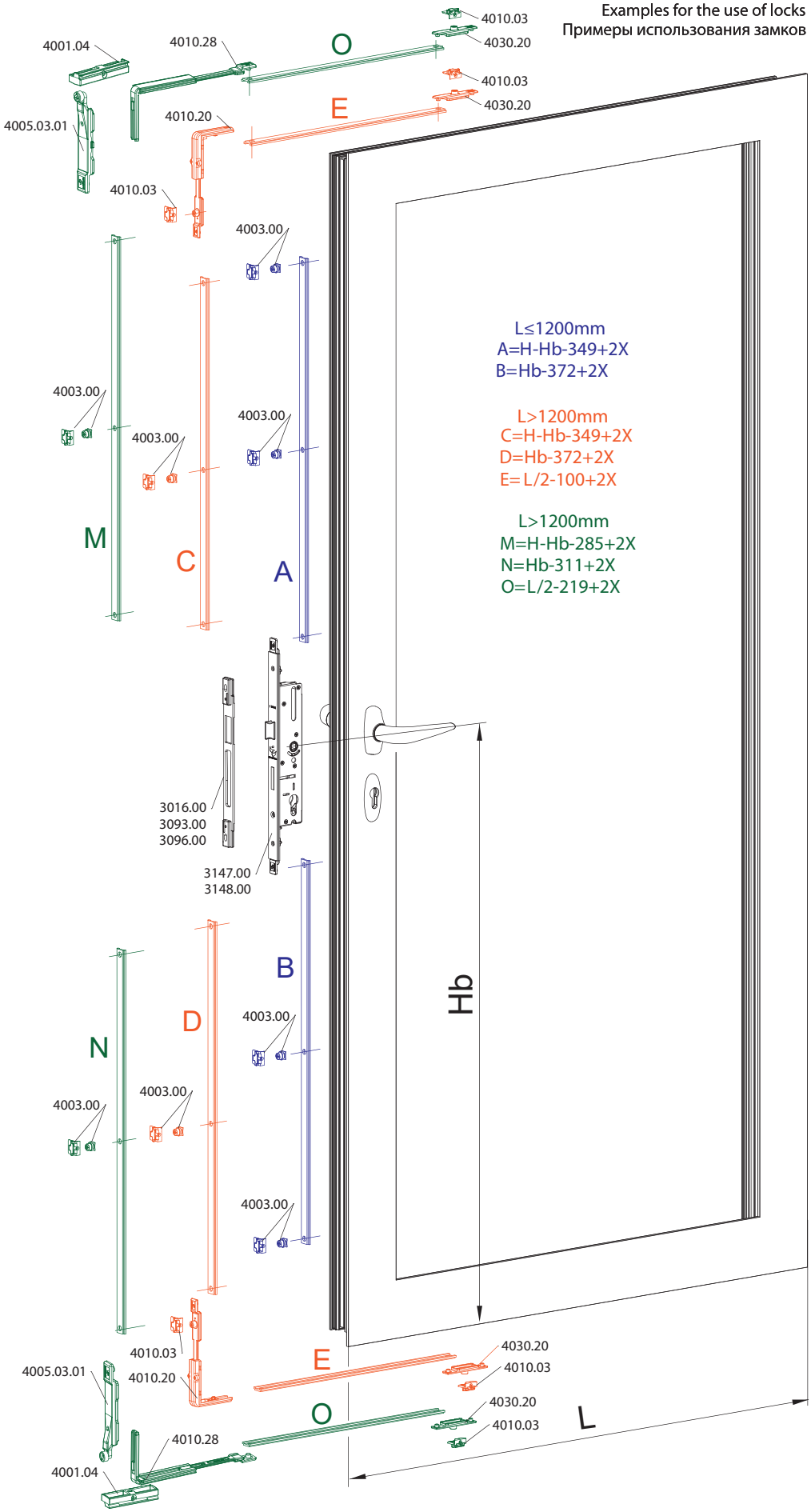


4

Primeri za upotrebu brave
Examples for the use of locks
Примеры использования замков



Brave

Door locks

Замки

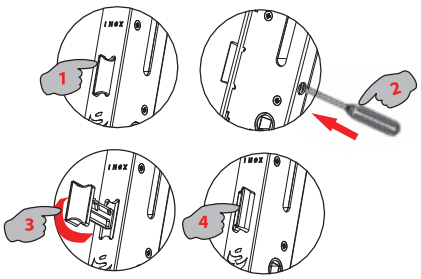
Artikal	A (mm)	B (mm)	C (mm)	E (mm)	H (mm)	X
3147.90	50	24	2.5	35	20	INOX
3148.90	45	24	2.5	30	20	

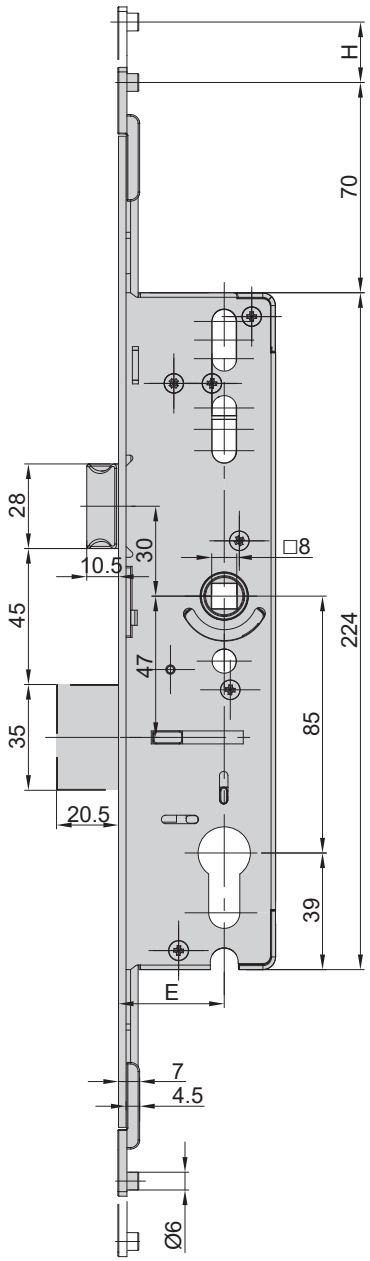
X - Čeona ploča / Lock forend / Лицевая планка

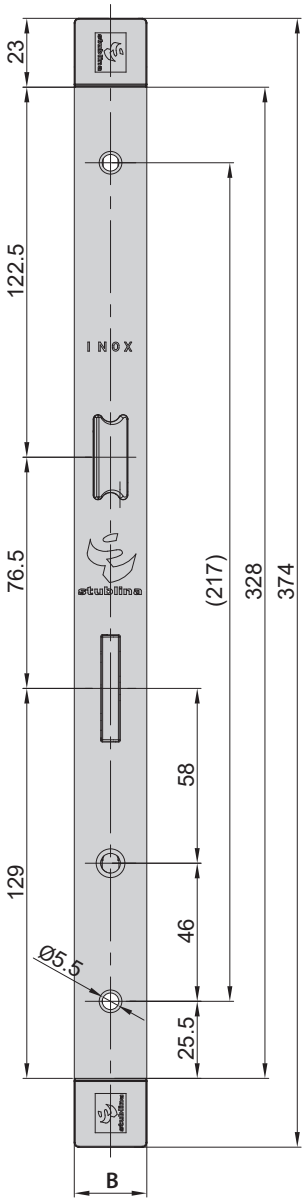
SR / Tehničke informacije:
- Jezičak, zabravljivač i umetak za kvadratni šip od pocinkovanog zamka,
- Opruge od čelika velike čvrstoće,
- Telo brave i zavrtnji od pocinkovanog čelika.

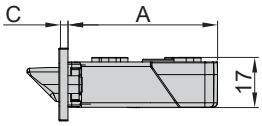
EN / Technical information:
- Latch bolt, deadbolt and the insert from the square pin are made of zink plated zamak,
- High-strength steel springs,
- Lock body and screws made of zinc plated steel.

RU / Технические информации:
- Язычок, запорный механизм и вкладыш для штыря из сплава цинка,
- Пружина из высокопрочной стали,
- Корпус и винты из оцинкованой стали.





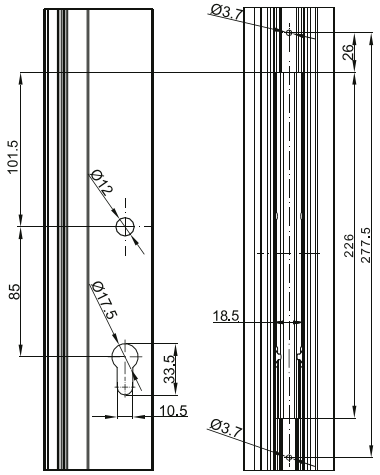


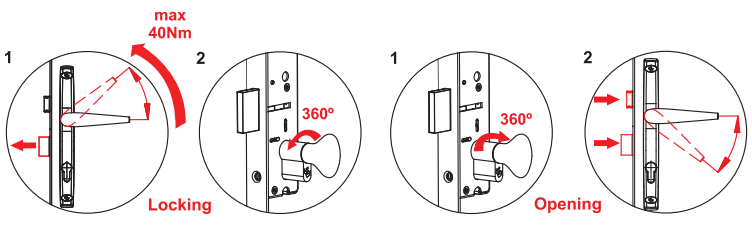


Mogućnost ugradnje na leva/desna vrata
The possibility of installation to the left/right doo
Монтаж на левую/правую дверь

Mogućnost zabravljivanja u više tačaka
The possibility of to multi-point locking
Возможность многоточечного запирания

Zaključavanje povlačenjem kvake na gore
Locking with pulling up the handle
Блокировка тянуть ручку вверх



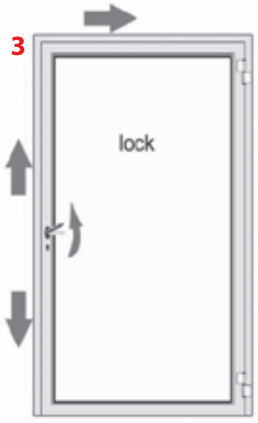


3147.90
3148.90

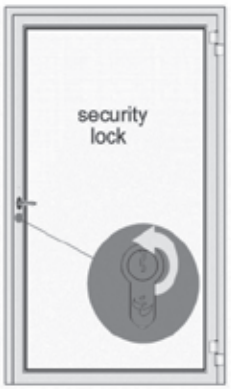
1

2

3

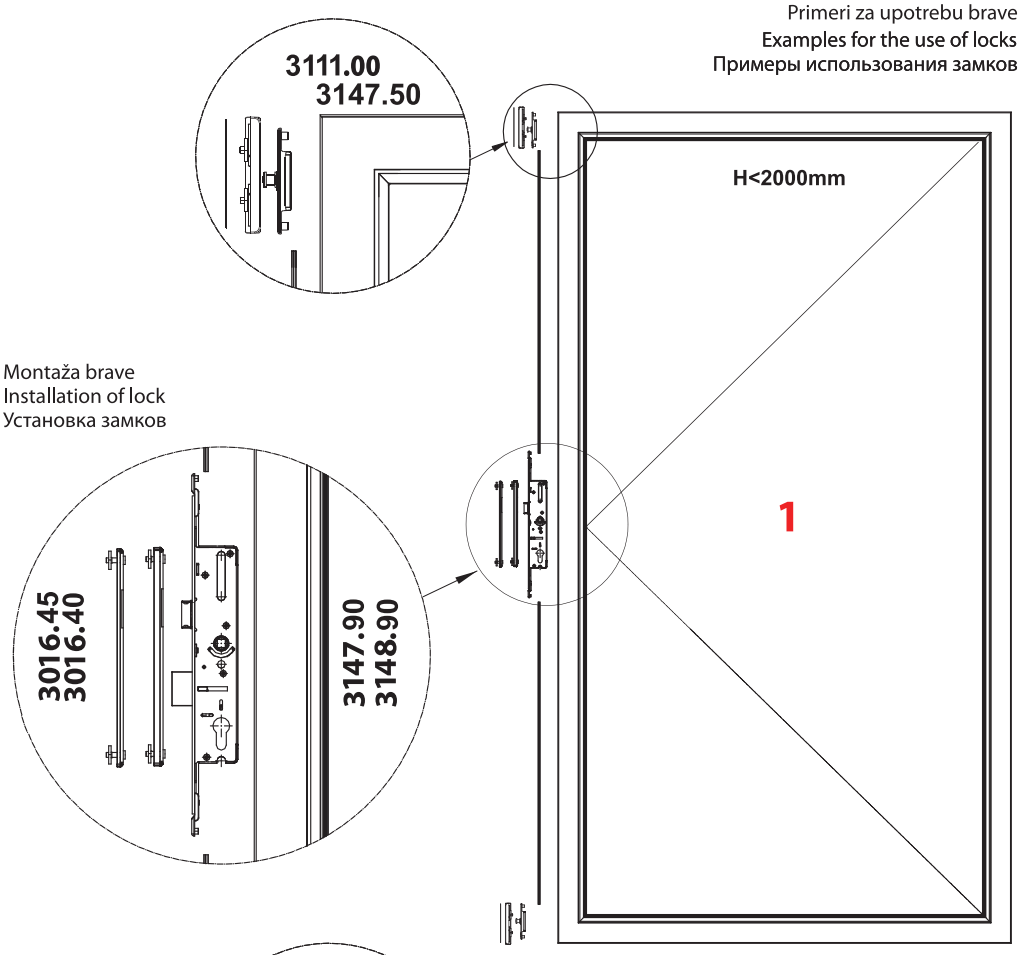


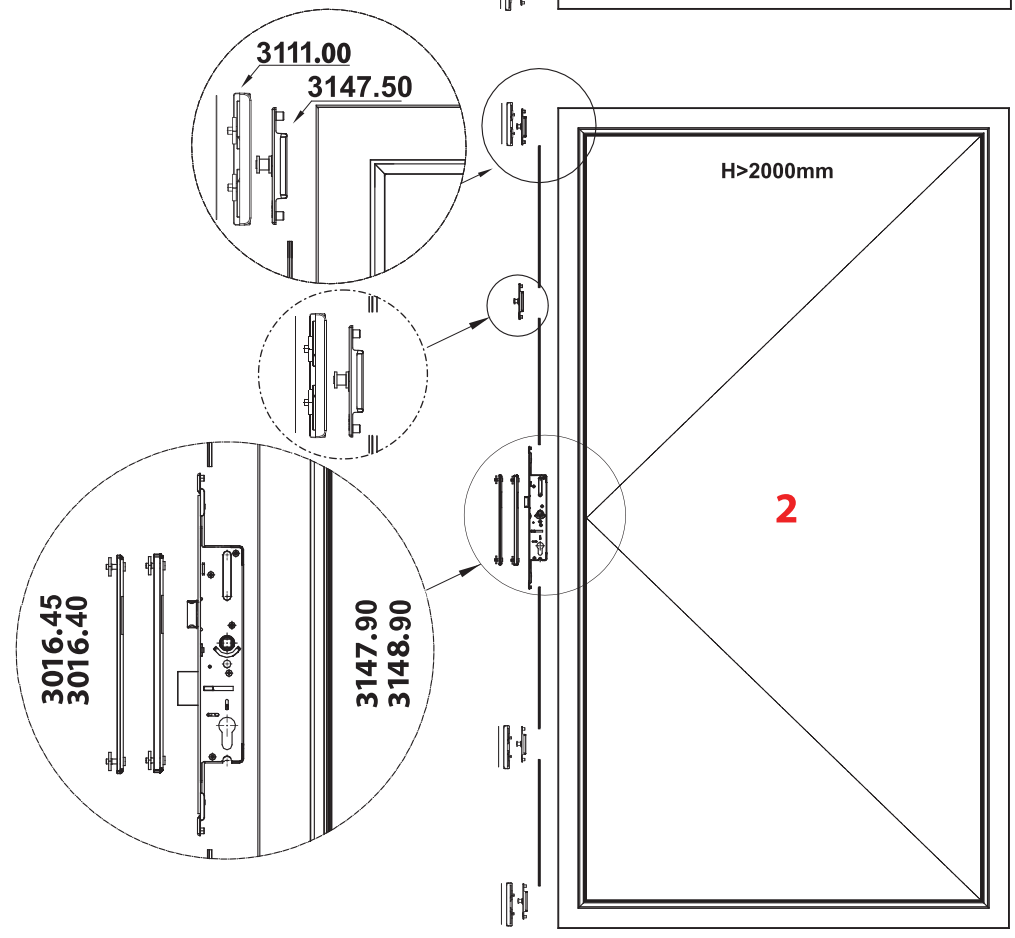
4



Primeri za upotrebu brave
Examples for the use of locks
Примеры использования замков

Montaža brave
Installation of lock
Установка замков





Brave

Door locks

Замки

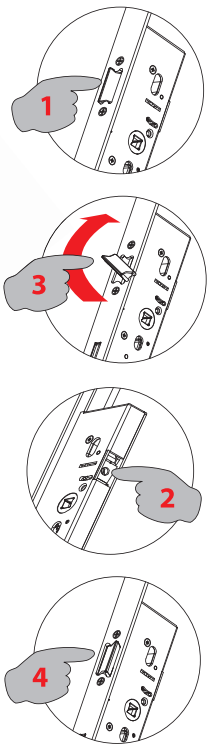
Artikal	Čeona ploča Lock forend Лицевая пл.	A (mm)	B (mm)	C (mm)	E (mm)	X
3045.00		50	22	3	35	INOX
3045.24		50	24	3	35	
3045.16		50	16	3	35	
3045.30/P		45	24	7	34	INOX
3045.35/P		47	24	5	34	
3145.00		55	22	3	40	INOX
3145.24		55	24	3	40	
3145.16		55	16	3	40	
3145.30/P		50	24	7	39	INOX
3145.35/P		52	24	5	39	
3245.00		60	22	3	45	INOX
3245.24		60	24	3	45	
3245.16		60	16	3	45	
3245.30/P		55	24	7	44	INOX
3245.35/P		57	24	5	44	
3345.00		65	22	3	50	INOX
3345.24		65	24	3	50	
3345.16		65	16	3	50	
3345.30/P		60	24	7	49	INOX
3345.35/P		62	24	5	49	

X - Čeona ploča / Lock forend / Лицевая планка

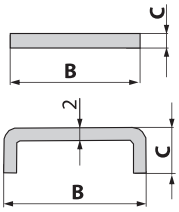
SR / Tehničke informacije:
- Jezičak, zabravljivač i umetak za kvadratni šip od pocinkovanog zamka,
- Opruge od čelika velike čvrstoće,
- Telo brave i zavrtnji od pocinkovanog čelika.

EN / Technical information:
- Latch bolt, deadbolt and the insert from the square pin are made of zink plated zamak,
- High-strength steel springs,
- Lock body and screws made of zinc plated steel.

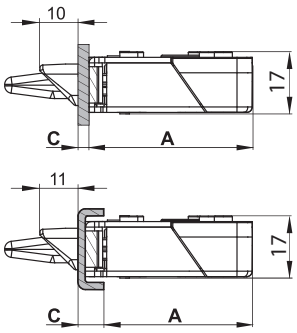
RU / Технические информации:
- Язычок, запорный механизм и вкладыш для штыря из сплава цинка,
- Пружина из высокопрочной стали,
- Корпус и винты из оцинкованой стали.

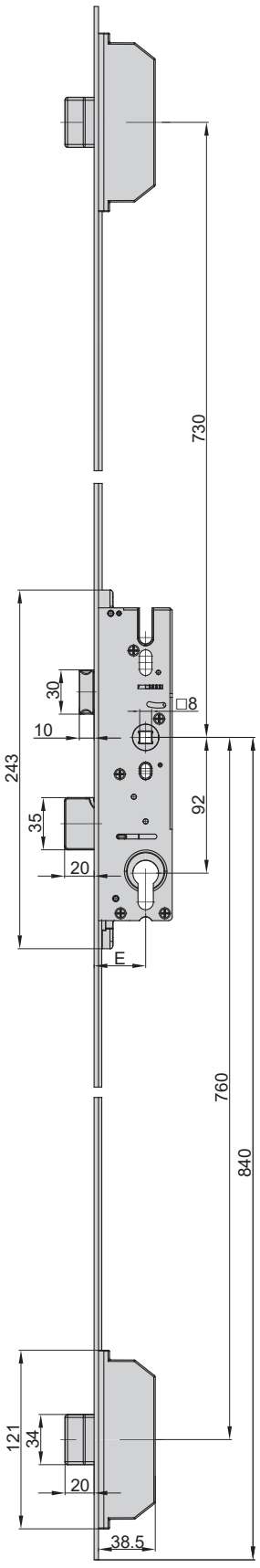


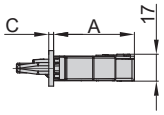
Čeona ploča:
Lock forend:
Лицевая планка:

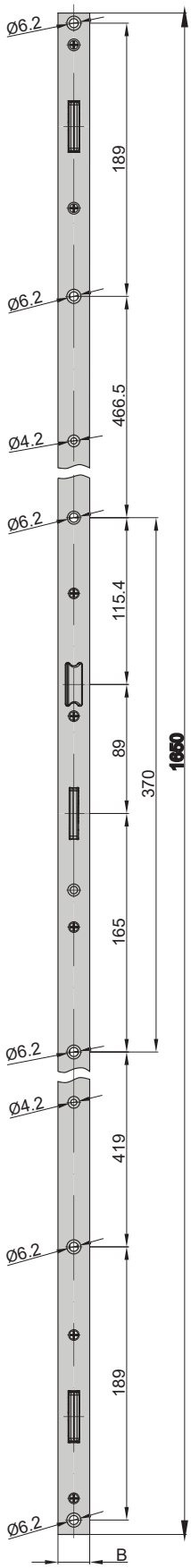


Zaključavanje pomoću cilindar
Key operated lock
Блокировка с помощью цилиндра









Brave

Door locks

Замки

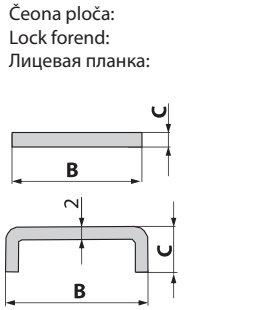
Artikal	Čeona ploča Lock forend Лицевая пл.	A (mm)	B (mm)	C (mm)	E (mm)	X
3046.00		50	22	3	35	INOX
3046.24		50	24	3	35	
3046.16		50	16	3	35	
3046.30/P		45	24	7	34	INOX
3046.35/P		47	24	5	34	
3146.00		55	22	3	40	INOX
3146.24		55	24	3	40	
3146.16		55	16	3	40	
3146.30/P		50	24	7	39	INOX
3146.35/P		52	24	5	39	
3246.00		60	22	3	45	INOX
3246.24		60	24	3	45	
3246.16		60	16	3	45	
3246.30/P		55	24	7	44	INOX
3246.35/P		57	24	5	44	
3346.00		65	22	3	50	INOX
3346.24		65	24	3	50	
3346.16		65	16	3	50	
3346.30/P		60	24	7	49	INOX
3346.35/P		62	24	5	49	

X - Čeona ploča / Lock forend / Лицевая планка

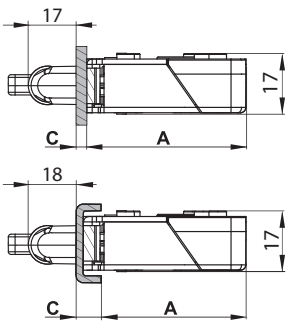
SR / Tehničke informacije:
- Valjak od mesinga, zabravljivač od pocinkovanog zamka,
- Opruge od čelika velike čvrstoće,
- Telo brave i zavrtnji od pocinkovanog čelika.

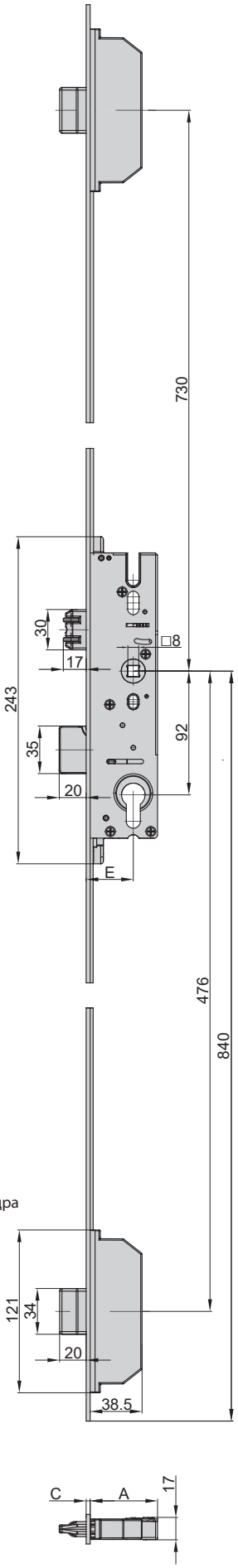
EN / Technical information:
- Mesing roller, deadbolt made of zink plated zamak,
- High-strength steel springs,
- Lock body and screws made of zinc plated steel.

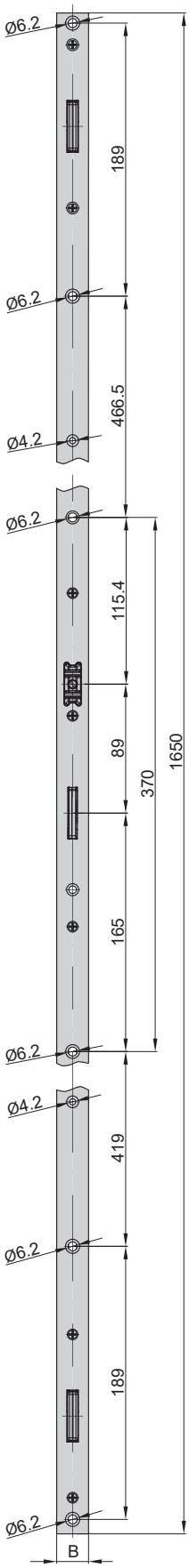
RU / Технические информации:
- Валик из латуни, запорный механизм из сплава цинка,
- Пружина из высокопрочной стали,
- Корпус и винты из оцинкованой стали.



Zaključavanje pomoću cilindar
Key operated lock
Блокировка с помощью цилиндра







Brave

Door locks

Замки

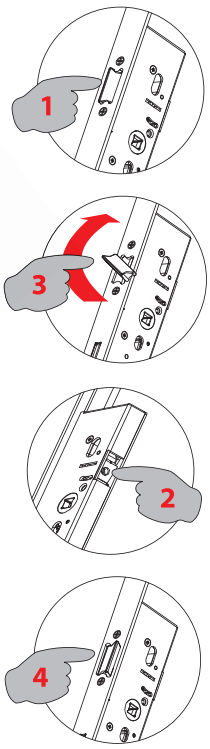
Artikal	Čeona ploča Lock forend Лицевая пл.	A (mm)	B (mm)	C (mm)	E (mm)	X
3045.10		50	22	3	35	INOX
3045.24.10		50	24	3	35	
3045.16.10		50	16	3	35	
3045.30.10/P		45	24	7	34	INOX
3045.35.10/P		47	24	5	34	
3145.10		55	22	3	40	INOX
3145.24.10		55	24	3	40	
3145.16.10		55	16	3	40	
3145.30.10/P		50	24	7	39	INOX
3145.35.10/P		52	24	5	39	
3245.10		60	22	3	45	INOX
3245.24.10		60	24	3	45	
3245.16.10		60	16	3	45	
3245.30.10/P		55	24	7	44	INOX
3245.35.10/P		57	24	5	44	
3345.10		65	22	3	50	INOX
3345.24.10		65	24	3	50	
3345.16.10		65	16	3	50	
3345.30.10/P		60	24	7	49	INOX
3345.35.10/P		62	24	5	49	

X - Čeona ploča / Lock forend / Лицевая планка

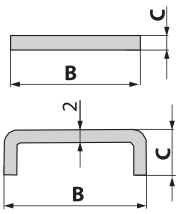
SR / Tehničke informacije:
- Jezičak, zabravljivač i umetak za kvadratni šip od pocinkovanog zamka,
- Opruge od čelika velike čvrstoće,
- Telo brave i zavrtnji od pocinkovanog čelika.

EN / Technical information:
- Latch bolt, deadbolt and the insert from the square pin are made of zink plated zamak,
- High-strength steel springs,
- Lock body and screws made of zinc plated steel.

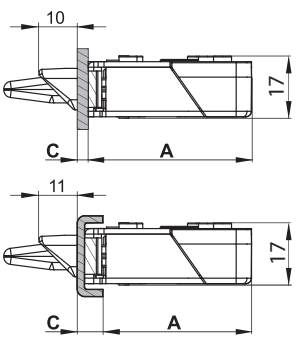
RU / Технические информации:
- Язычок, запорный механизм и вкладыш для штыря из сплава цинка,
- Пружина из высокопрочной стали,
- Корпус и винты из оцинкованой стали.

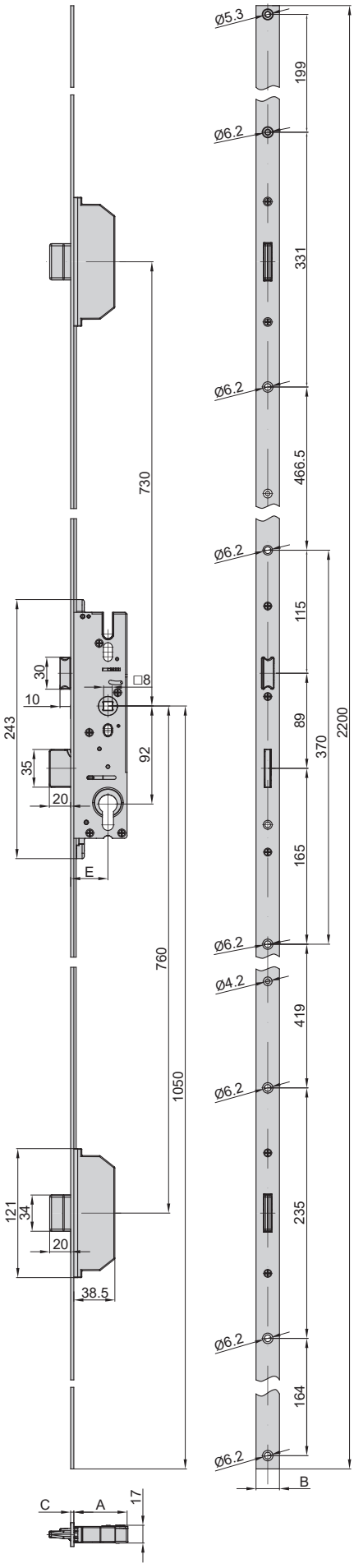


Čeona ploča:
Lock forend:
Лицевая планка:



Zaključavanje pomoću cilindar
Key operated lock
Блокировка с помощью цилиндра





Brave

Door locks

Замки

Artikal	Čeona ploča Lock forend Лицевая пл.	A (mm)	B (mm)	C (mm)	E (mm)	X
3046.10		50	22	3	35	INOX
3046.24.10		50	24	3	35	
3046.16.10		50	16	3	35	
3046.30.10/P		45	24	7	34	INOX
3046.35.10/P		47	24	5	34	
3146.10		55	22	3	40	INOX
3146.24.10		55	24	3	40	
3146.16.10		55	16	3	40	
3146.30.10/P		50	24	7	39	INOX
3146.35.10/P		52	24	5	39	
3246.10		60	22	3	45	INOX
3246.24.10		60	24	3	45	
3246.16.10		60	16	3	45	
3246.30.10/P		55	24	7	44	INOX
3246.35.10/P		57	24	5	44	
3346.10		65	22	3	50	INOX
3346.24.10		65	24	3	50	
3346.16.10		65	16	3	50	
3346.30.10/P		60	24	7	49	INOX
3346.35.10/P		62	24	5	49	

X - Čeona ploča / Lock forend / Лицевая планка

SR / Tehničke informacije:
- Valjak od mesinga, zabravljivač od pocinkovanog zamka,
- Opruge od čelika velike čvrstoće,
- Telo brave i zavrtnji od pocinkovanog čelika.

EN / Technical information:
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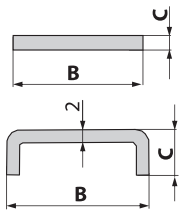
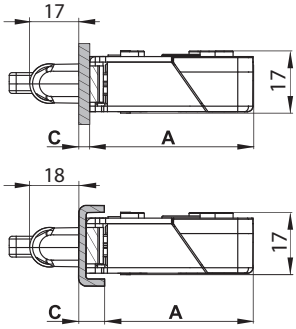
- High-strength steel springs,
- Lock body and screws made of zinc plated steel.

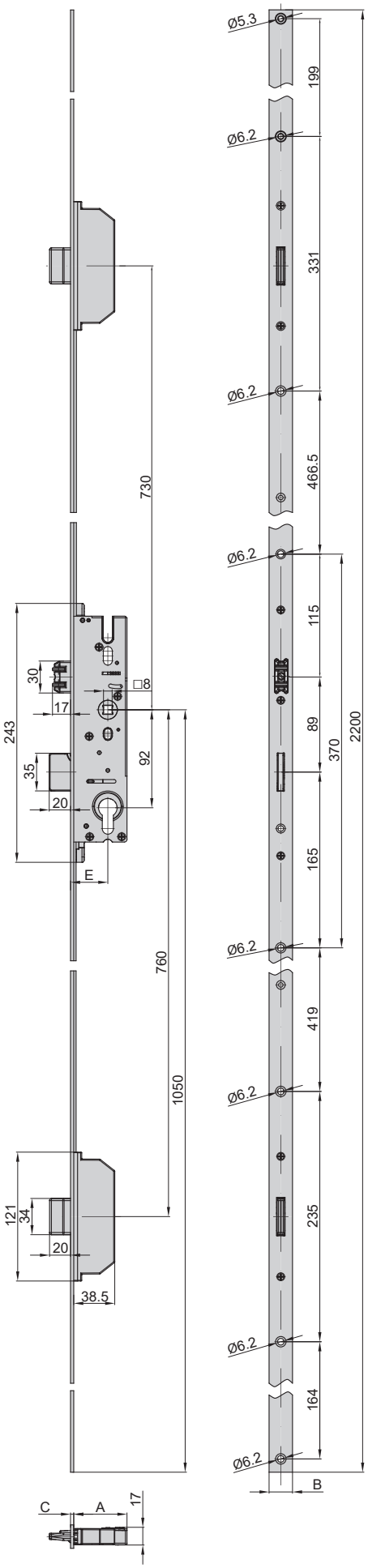
RU / Технические информации:
- Валик из латуни, запорный механизм из сплава цинка,
- Пружина из высокопрочной стали,
- Корпус и винты из оцинкованой стали.

Čeona ploča:
Lock forend:
Лицевая планка:



Zaključavanje pomoću cilindar
Key operated lock
Блокировка с помощью цилиндра





Brave

Door locks

Замки

Artikal	Čeona ploča Lock forend Лицевая пл.	A (mm)	B (mm)	C (mm)	E (mm)	X
3045.45		50	22	3	35	
3045.24.45		50	24	3	35	INOX
3045.30.45/P		45	24	7	34	
3045.35.45/P		47	24	5	34	
3145.45		55	22	3	40	
3145.24.45		55	24	3	40	INOX
3145.30.45/P		50	24	7	39	
3145.35.45/P		52	24	5	39	
3245.45		60	22	3	45	
3245.24.45		60	24	3	45	INOX
3245.30.45/P		55	24	7	44	
3245.35.45/P		57	24	5	44	
3345.45		65	22	3	50	
3345.24.45		65	24	3	50	INOX
3345.30.45/P		60	24	7	49	
3345.35.45/P		62	24	5	49	

X - Čeona ploča / Lock forend / Лицевая планка

SR / Tehničke informacije:
- Jezičak, zabravljivač i umetak za kvadratni šip od pocinkovanog zamka,
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- Telo brave i zavrtnji od pocinkovanog čelika.

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RU / Технические информации:
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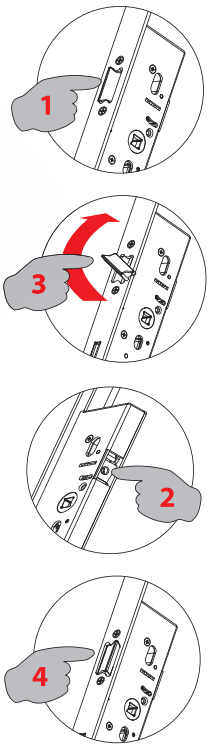
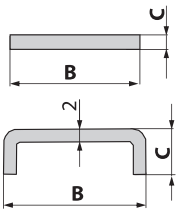
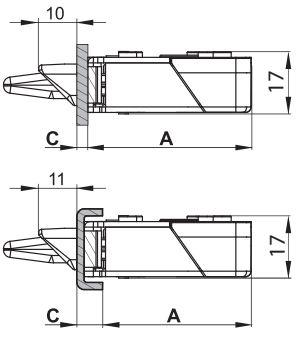
- Пружина из высокопрочной стали,
- Корпус и винты из оцинкованой стали.



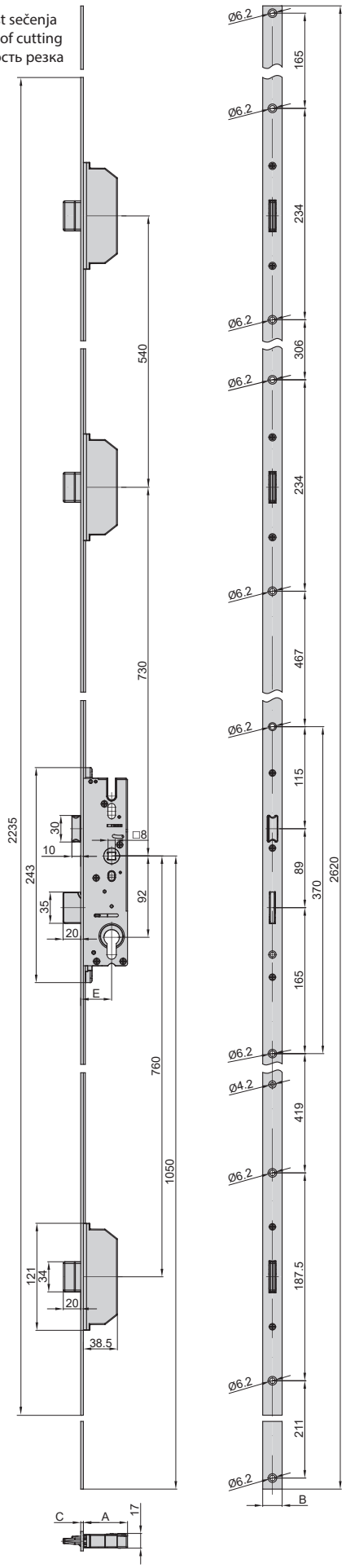
Čeona ploča:
Lock forend:
Лицевая планка:



Zaključavanje pomoću cilindar
Key operated lock
Блокировка с помощью цилиндра



Mogućnost sečenja
Possibility of cutting
Возможность резка



Brave

Door locks

Замки

Artikal	Čeona ploča Lock forend Лицевая пл.	A (mm)	B (mm)	C (mm)	E (mm)	X
3046.45		50	22	3	35	
3046.24.45		50	24	3	35	INOX
3046.30.45/P		45	24	7	34	
3046.35.45/P		47	24	5	34	
3146.45		55	22	3	40	
3146.24.45		55	24	3	40	INOX
3146.30.45/P		50	24	7	39	
3146.35.45/P		52	24	5	39	
3246.45		60	22	3	45	
3246.24.45		60	24	3	45	INOX
3246.30.45/P		55	24	7	44	
3246.35.45/P		57	24	5	44	
3346.45		65	22	3	50	
3346.24.45		65	24	3	50	INOX
3346.30.45/P		60	24	7	49	
3346.35.45/P		62	24	5	49	

X - Čeona ploča / Lock forend / Лицевая планка

SR / Tehničke informacije:
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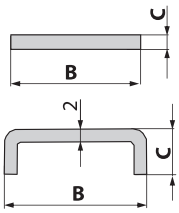
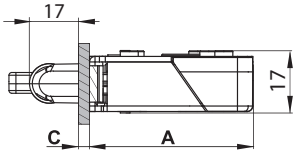
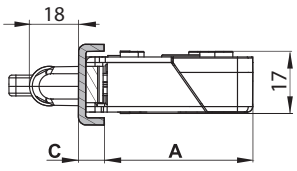
- Пружина из высокопрочной стали,
- Корпус и винты из оцинкованой стали.

Čeona ploča:
Lock forend:
Лицевая планка:

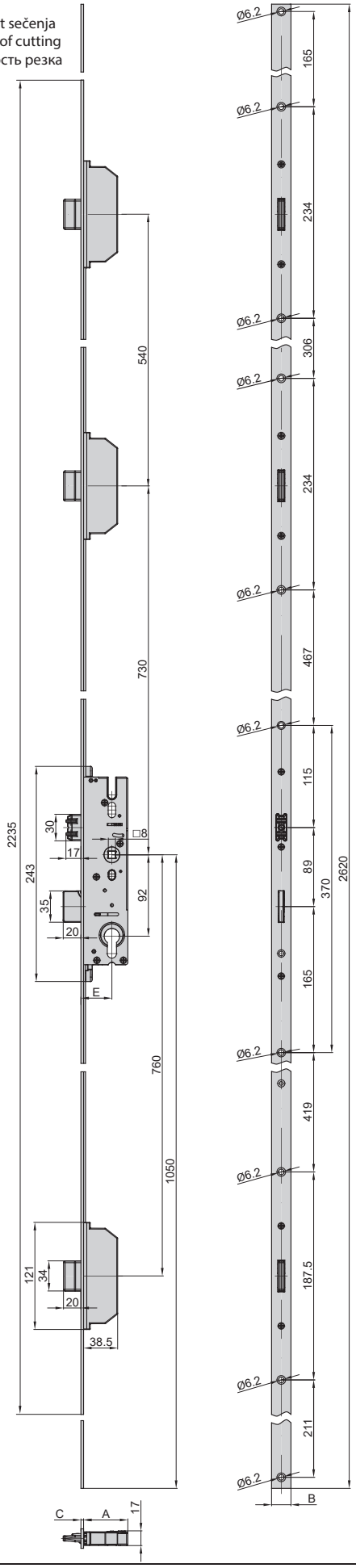


Zaključavanje pomoću cilindar
Key operated lock
Блокировка с помощью цилиндра





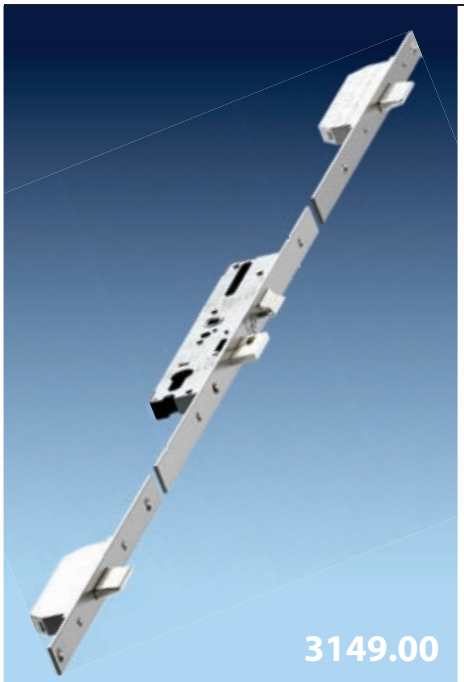
Mogućnost sečenja
Possibility of cutting
Возможность резка



Brave

Door locks

Замки



Artikal	Čeona ploča Lock forend Лицевая пл.	A (mm)	B (mm)	C (mm)	E (mm)	X
3149.00		45	22	3	30.5	INOX
3149.24		45	24	3	30.5	
3149.16		45	16	3	30.5	
3149.30/P		40	24	7	29.5	INOX
3149.35/P		42	24	5	29.5	
3150.00		50	22	3	35.5	INOX
3150.24		50	24	3	35.5	
3150.16.		50	16	3	35.5	
3150.30/P		45	24	7	34.5	INOX
3150.35/P		42	24	5	34.5	

X - Čeona ploča / Lock forend / Лицевая планка

SR / Tehničke informacije:
- Jezičak, zabravljivač i umetak za kvadratni šip od pocinkovanog zamka,
- Opruge od čelika velike čvrstoće,
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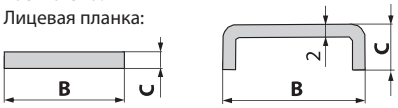
- Язычок, запорный механизм и вкладыш для штыря из сплава цинка,
- Пружина из высокопрочной стали,
- Корпус и винты из оцинкованой стали.

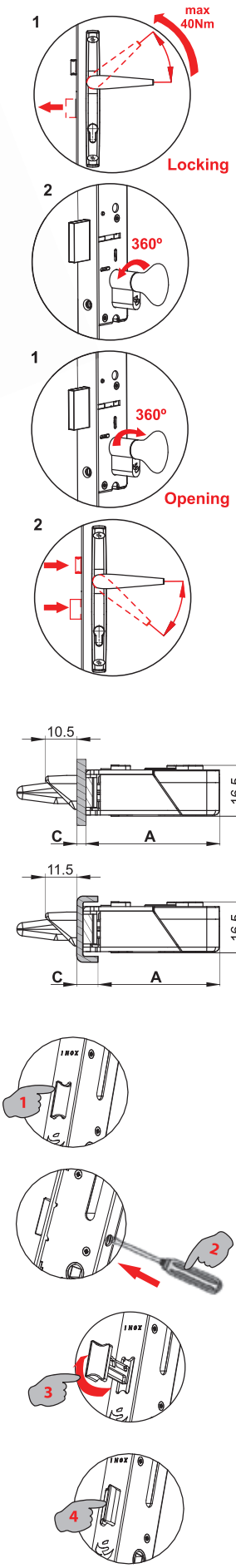
Mogućnost ugradnje na leva/desna vrata
The possibility of instalation to the left/right door
Монтаж на левую/правую дверь

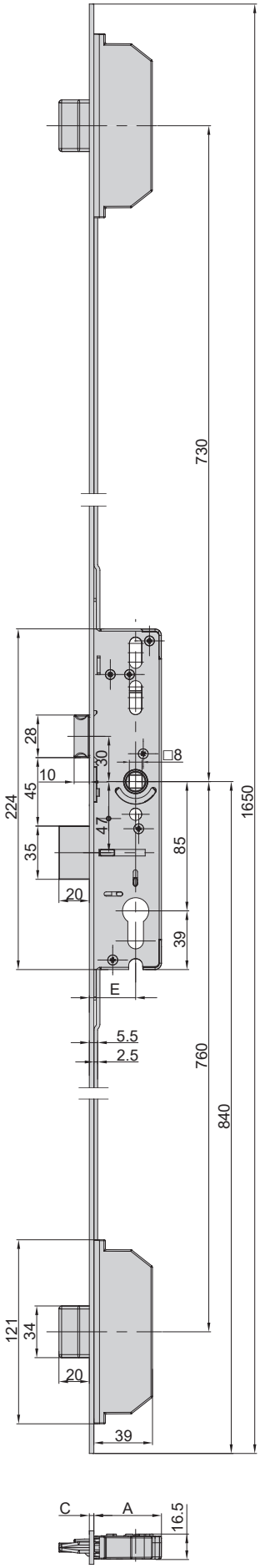
Mogućnost zabravljivanja u više tačaka
The possibility of multi-point locking
Возможность многоточечного запирания

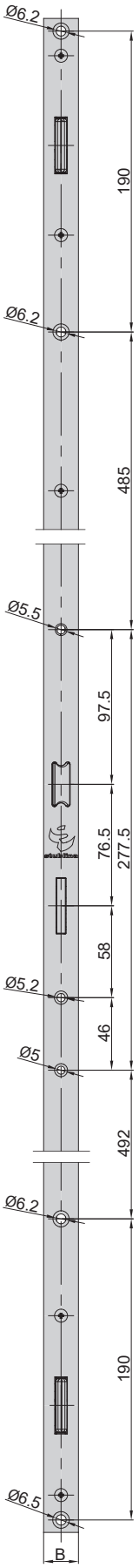
Zaključavanje povlačenjem kvake na gore
Locking with pulling up the handle
Блокировка тянуть ручку вверх

Čeona ploča:
Lock forend:
Лицевая планка:





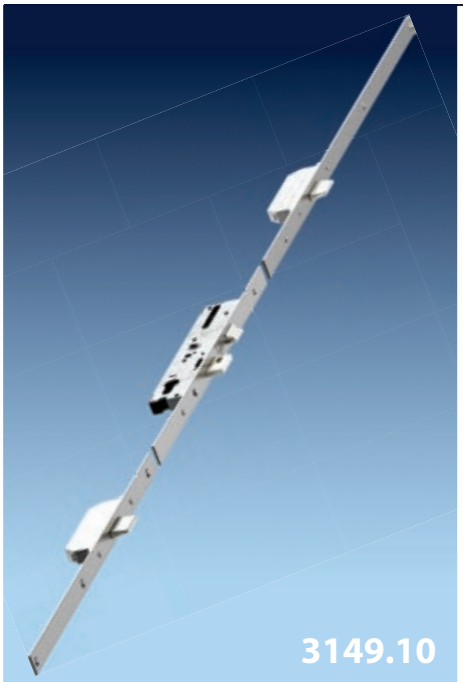




Brave

Door locks

Замки



Artikal	Čeona ploča Lock forend Лицевая пл.	A (mm)	B (mm)	C (mm)	E (mm)	X
3149.10		45	22	3	30.5	INOX
3149.24.10		45	24	3	30.5	
3149.16.10		45	16	3	30.5	
3149.30.10/P		40	24	7	29.5	INOX
3149.35.10/P		42	24	5	29.5	
3150.10		50	22	3	35.5	INOX
3150.24.10		50	24	3	35.5	
3150.16.10		50	16	3	35.5	
3150.30.10/P		45	24	7	34.5	INOX
3150.35.10/P		42	24	5	34.5	

X - Čeona ploča / Lock forend / Лицевая планка

SR / Tehničke informacije:
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Mogućnost zabravljivanja u više tačaka
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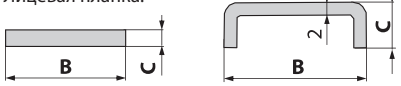
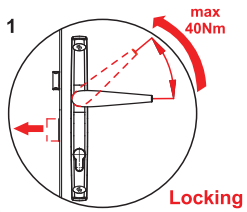
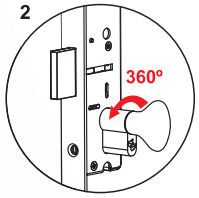
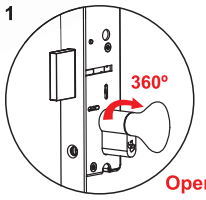
Locking with pulling up the handle
Блокировка тянуть ручку вверх

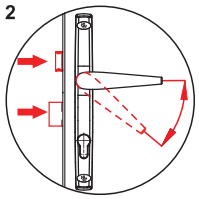
Čeona ploča:
Lock forend:
Лицевая планка:

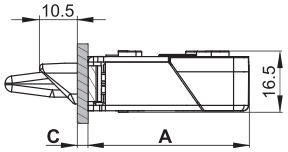


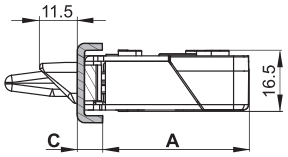


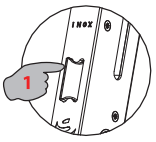


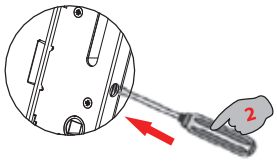


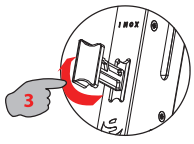


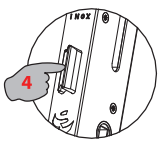


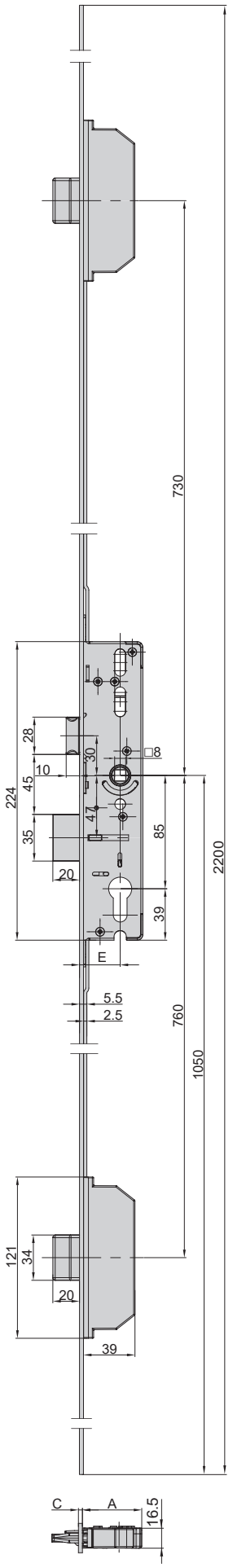


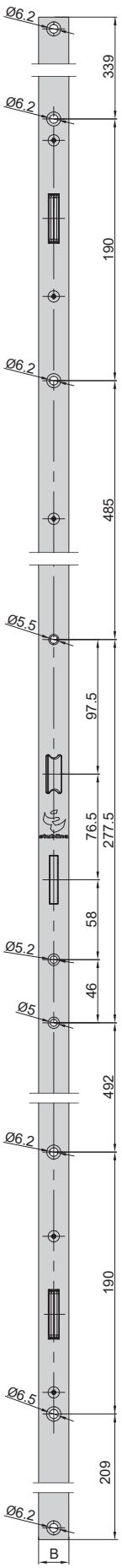












Brave

Door locks

Замки

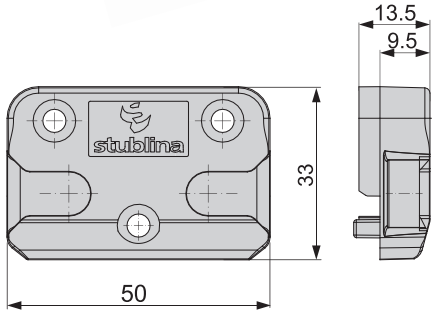
Artikal		B (mm)	C (mm)	E (mm)	Y (mm)	L (mm)	X
3155.16	8x8	16	3	35	840	1650	ZINK PLATED
3155.16.10	8x8	16	3	35	1050	2200	
3156.16	REF	16	3	35	840	1650	
3156.16.10	REF	16	3	35	1050	2200	

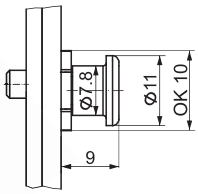
X - Čeona ploča / Lock forend / Лицевая планка

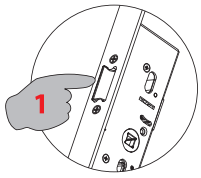
SR / Tehničke informacije:
- Valjak od mesinga, jezičak, zabravljivač i umetak za kvadratni šip od pocinkovanog zamka,
- Opruge od čelika velike čvrstoće,
- Telo brave i zavrtnji od pocinkovanog čelika.

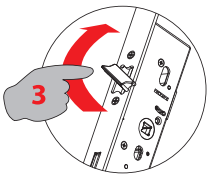
EN / Technical information:
- Mesing roller, latch bolt, deadbolt and the insert from the square pin are made of zink plated zamak,
- High-strength steel spring,
- Lock body and screws made of zinc plated steel.

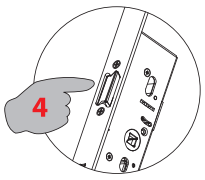
RU / Технические информации:
- Валик из латуни, язычок, запорный механизм и вкладыш для штыря из сплава цинка,
- Пружина из высокопрочной стали,
- Корпус и винты из оцинкованой стали.



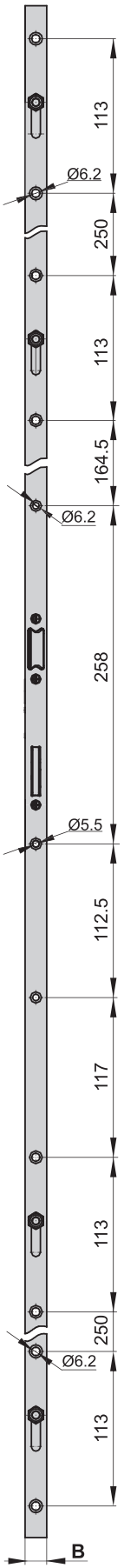


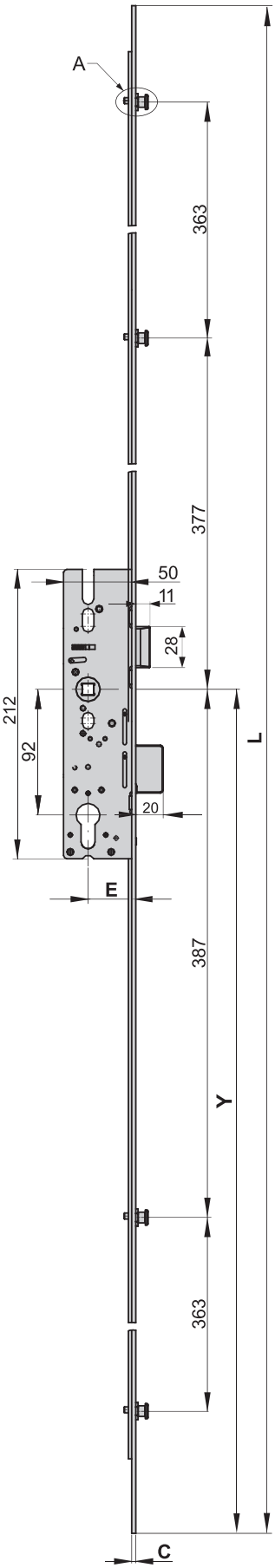


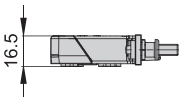




Zaključavanje pomoću cilindar
Key operated lock
Блокировка с помощью цилиндра







Mogućnost ugradnje na leva/desna vrata
The possibility of instalation to the left/right door
Монтаж на левую/правую дверь

Mogućnost zabravljivanja u više tačaka
The possibility of multi-point locking
Возможность многоточечного запирания

Brave

Door locks

Замки

Artikal	A (mm)	B (mm)	C (mm)	E (mm)	Y (mm)	L (mm)	X
3157.00	50	22	3	35.5	830	1650	INOX
3157.10	50	22	3	35.5	1040	2200	
3157.16	50	16	3	35.5	830	1650	ZINK
3157.16.10	50	16	3	35.5	1040	2200	
3157.24	50	24	3	35.5	830	1650	INOX
3157.24.10	50	24	3	35.5	1040	2200	
3158.00	45	22	3	30.5	830	1650	INOX
3158.10	45	22	3	30.5	1040	2200	
3158.16	45	16	3	30.5	830	1650	ZINK
3158.16.10	45	16	3	30.5	1040	2200	
3158.24	45	24	3	30.5	830	1650	INOX
3158.24.10	45	24	3	30.5	1040	2200	

X - Čeona ploča / Lock forend / Лицевая планка

SR / Tehničke informacije:
- Valjak od mesinga, jezičak, zabravljivač i umetak za kvadratni šip od pocinkovanog zamka,
- Opruge od čelika velike čvrstoće,
- Telo brave i zavrtnji od pocinkovanog čelika.

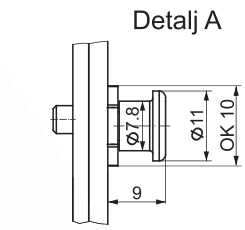
EN / Technical information:
- Mesing roller, latch bolt, deadbolt and the insert from the square pin are made of zink plated zamak,
- High-strength steel spring,
- Lock body and screws made of zinc plated steel.

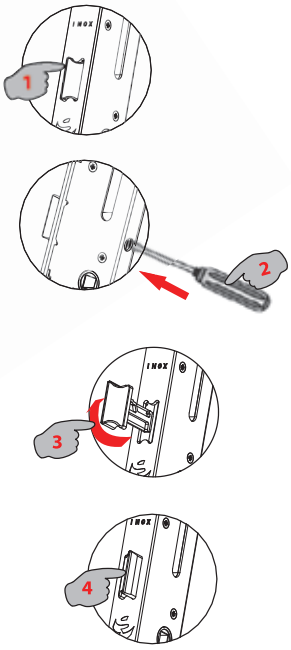
RU / Технические информации:
- Валик из латуни, язычок, запорный механизм и вкладыш для штыря из сплава цинка,
- Пружина из высокопрочной стали,
- Корпус и винты из оцинкованой стали.

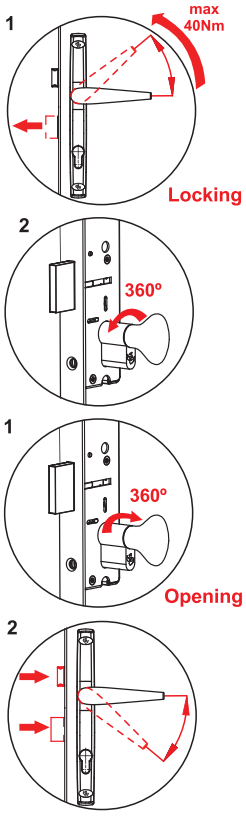
Mogućnost ugradnje na leva/desna vrata
The possibility of instalation to the left/right door
Монтаж на левую/правую дверь

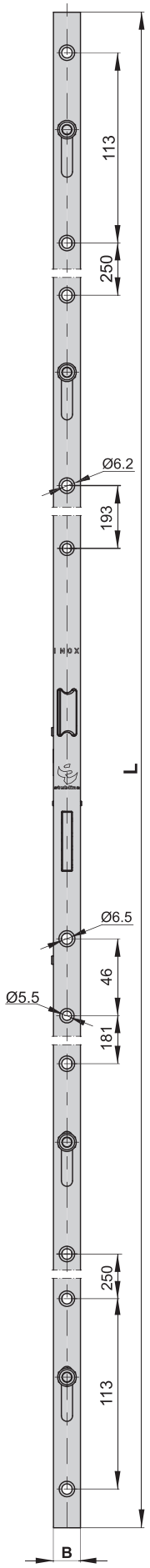
Mogućnost zabravljivanja u više tačaka
The possibility of multi-point locking
Возможность многоточечного запирания

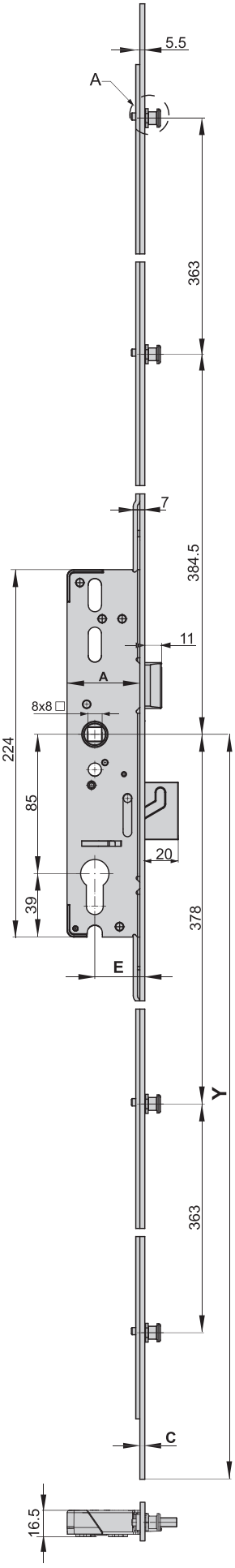
Zaključavanje povlačenjem kvake na gore
Locking with pulling up the handle
Блокировка тянуть ручку вверх







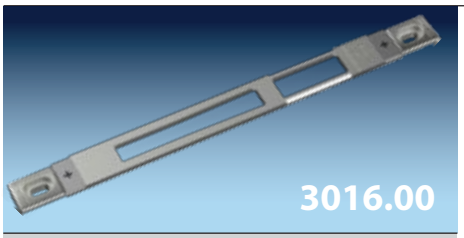




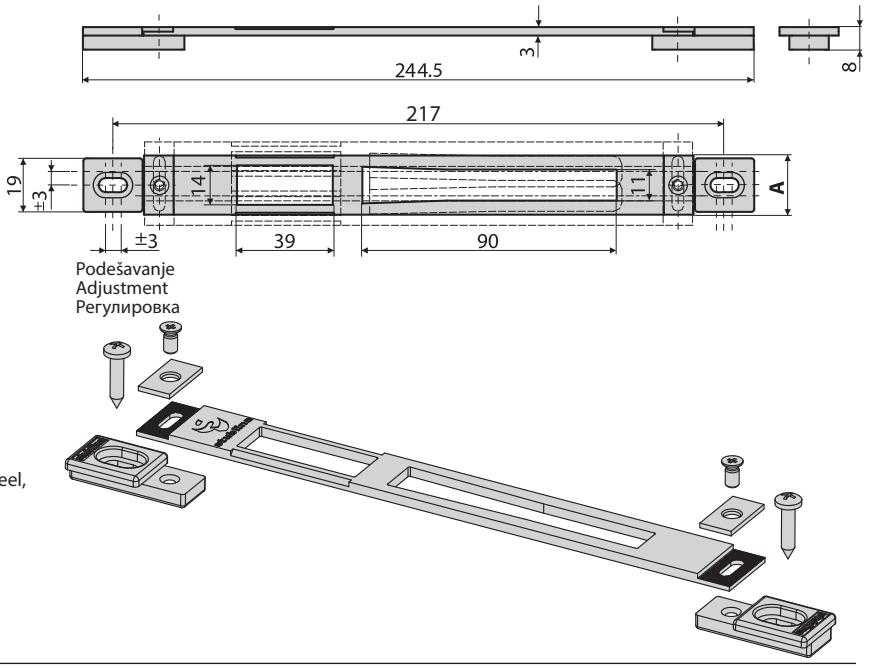
Prihvatne ploče

Locking plate

Запорные планки



Artikal	A (mm)
3016.00	21
3016.00.133	21

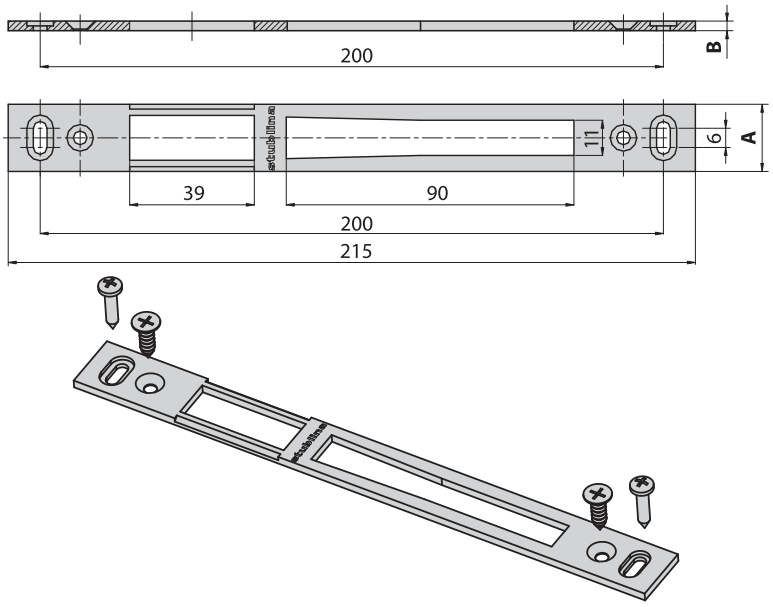


SR / Tehničke informacije:
- Prihvatna ploča od niklovanog ili nerđajućeg čelika,
- Odstojnik od legure cinka,
- Pločica i zavrtnji od nerđajućeg čelika.

EN / Technical information:
- Locking plate made of nickel plated steel or stainless steel,
- Distance-piece spacer made of zink alloy,
- Stainless steel plate and screws.

RU / Технические информации:
- Запорная планка изготовлена из никелированной или нержавеющей стали,
- Подложка из сплава цинка.
- Винты и накладки из нержавеющей стали.

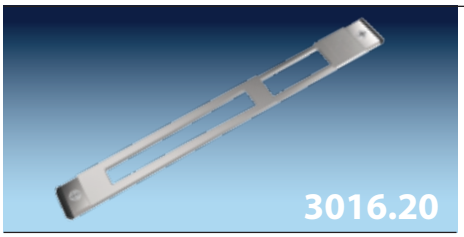
Artikal	A (mm)	B (mm)
3016.10	21	3
3016.30	24	3

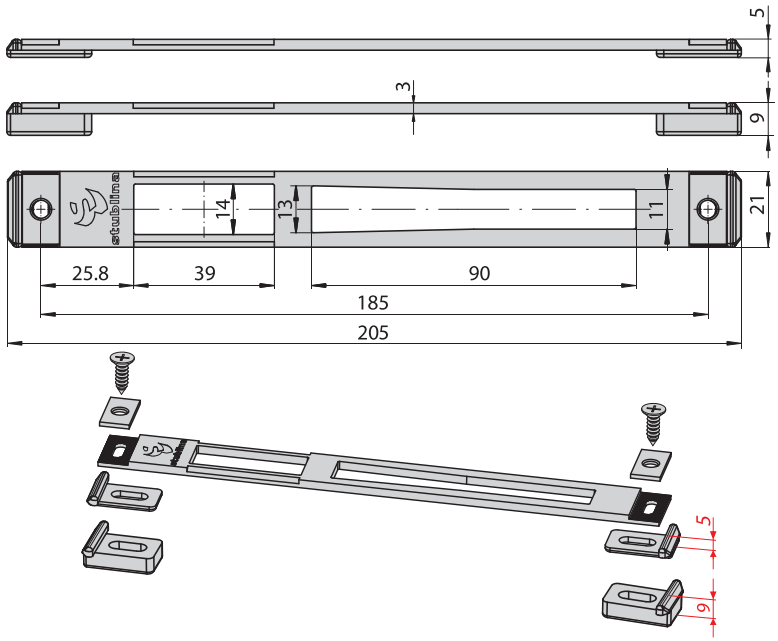


SR / Tehničke informacije:
- Prihvatna ploča od niklovanog čelika,
- Zavrtnji od nerđajućeg čelika.

EN / Technical information:
- Locking plate made of nickel plated steel,
- Stainless steel screws.

RU / Технические информации:
- Запорная планка изготовлена из никелированной стали,
- Винты из нержавеющей стали.



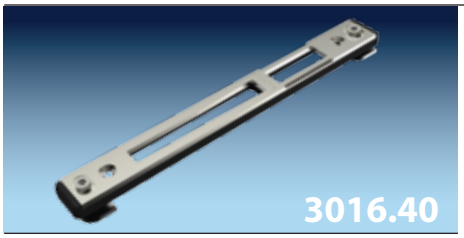


SR / Tehničke informacije:
- Prihvatna ploča od niklovanog ili nerđajućeg čelika,
- Odstojnik od PVC-a,
- Pločica i zavrtnji od nerđajućeg čelika.

EN / Technical information:
- Locking plate made of nickel plated steel or stainless steel,
- Distance-piece spacer made of PVC,
- Stainless steel plate and screws.

RU / Технические информации:
- Запорная планка изготовлена из никелированной или нержавеющей стали,
- Подложка из полиамида,
- Винты и накладки из нержавеющей стали.

Prihvatne ploče
Locking plate
Запорные планки



SR / Tehničke informacije:
- Prihvatna ploča od niklovanog čelika,
- Odstojnik od PVC-a,
- Pločice i zavrtnji od nerđajućeg čelika.

EN / Technical information:
- Locking plate made of nickel plated steel,
- Distance-piece spacer made of PVC,
- Stainless steel plate and screws.

RU / Технические информации:
- Запорная планка изготовлена из никелированной стали,
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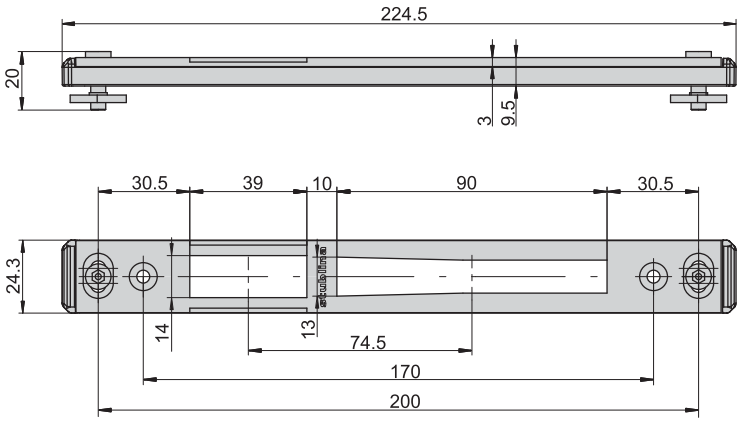
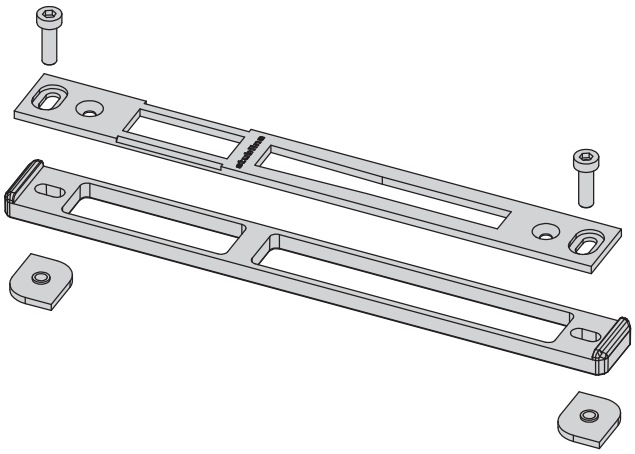
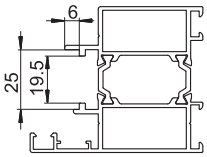
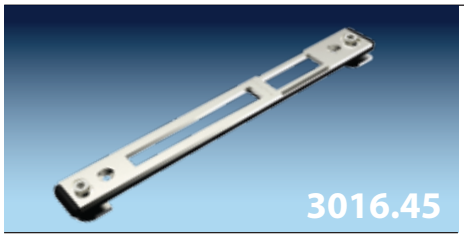




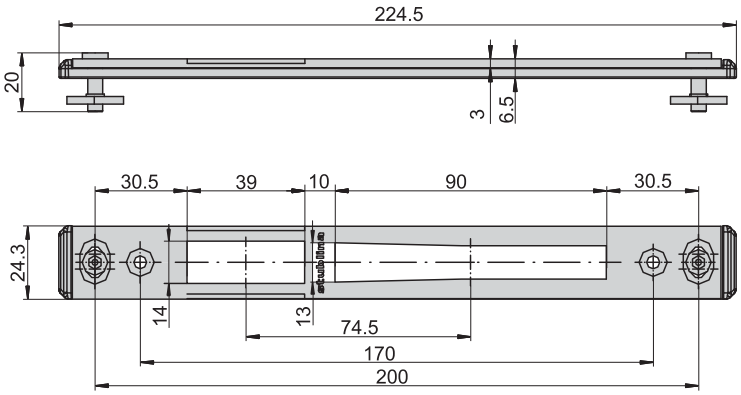


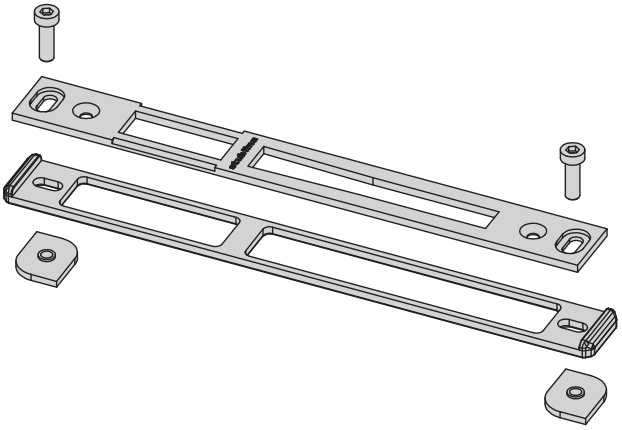


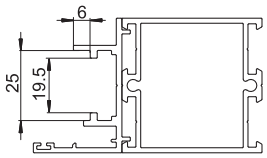
SR / Tehničke informacije:
- Prihvatna ploča od niklovanog čelika,
- Odstojnik od PVC-a,
- Pločice i zavrtnji od nerđajućeg čelika.

EN / Technical information:
- Locking plate made of nickel plated steel,
- Distance-piece spacer made of PVC,
- Stainless steel plate and screws.

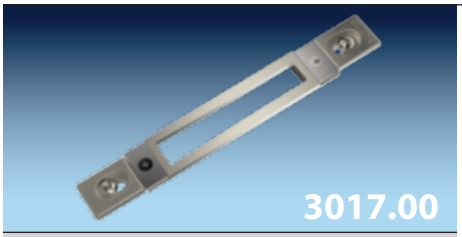
RU / Технические информации:
- Запорная планка изготовлена из никелированной стали,
- Подложка из полиамида.
- Винты и накладки из нержавеющей стали.



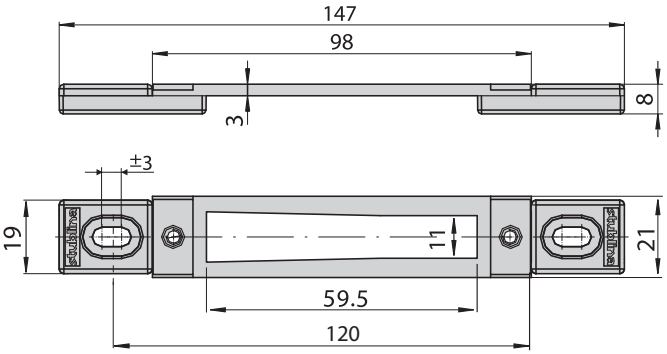


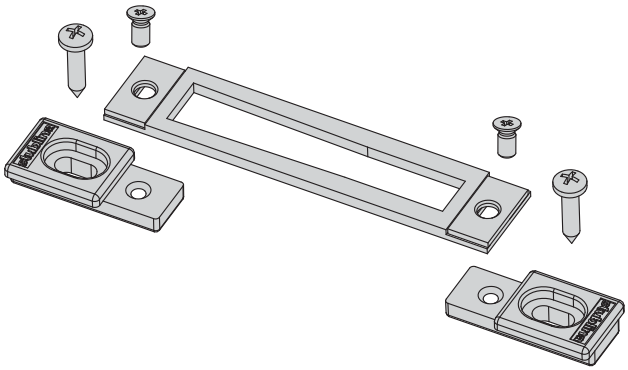


Prihvatne ploče
Locking plate
Запорные планки



Artikal	A (mm)
3017.00	21
3017.00.133	21

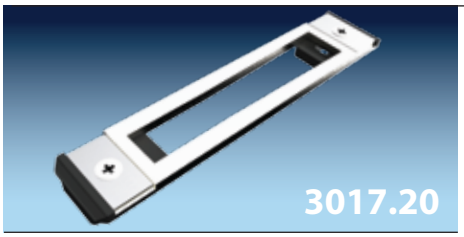




SR / Tehničke informacije:
- Prihvatna ploča od niklovanog ili nerđajućeg čelika,
- Odstojnik od legure cinka,
- Pločica i zavrtnji od nerđajućeg čelika.

EN / Technical information:
- Locking plate made of nickel plated steel or stainless steel,
- Distance-piece spacer made of zink alloy,
- Stainless steel plate and screws.

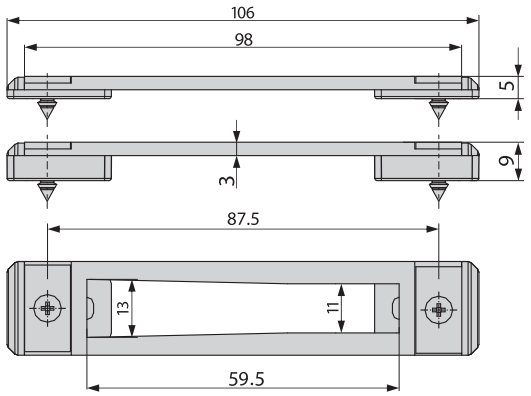
RU / Технические информации:
- Запорная планка изготовлена из никелированной или нержавеющей стали,
- Подложка из сплава цинка.
- Винты и накладки из нержавеющей стали.

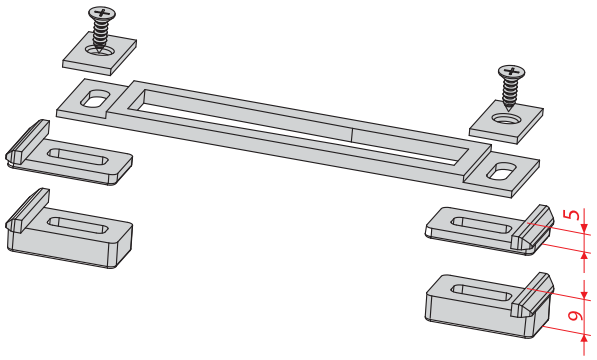


SR / Tehničke informacije:
- Prihvatna ploča od niklovanog ili nerđajućeg čelika,
- Odstojnik od PVC-a,
- Pločica i zavrtnji od nerđajućeg čelika.

EN / Technical information:
- Locking plate made of nickel plated steel or stainless steel,
- Distance-piece spacer made of PVC,
- Stainless steel plate and screws.

RU / Технические информации:
- Запорная планка изготовлена из никелированной или нержавеющей стали,
- Подложка из полиамида,
- Винты и накладки из нержавеющей стали.

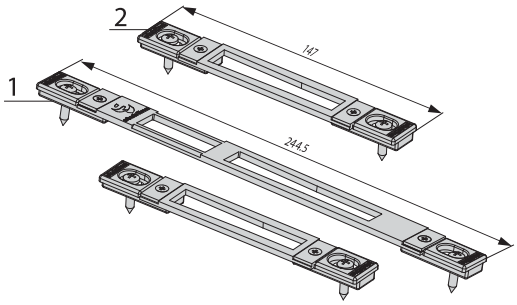




Prihvatne ploče
Locking plate
Запорные планки

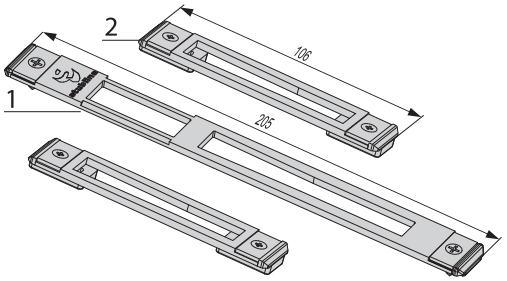
3045.50

Set prihvatnih ploča za brave
Set locking plates for door locks
Набор запорных планок для замки



1	**3016.00**	Prihvatna ploča	1
2	**3017.00**	Prihvatna ploča	2

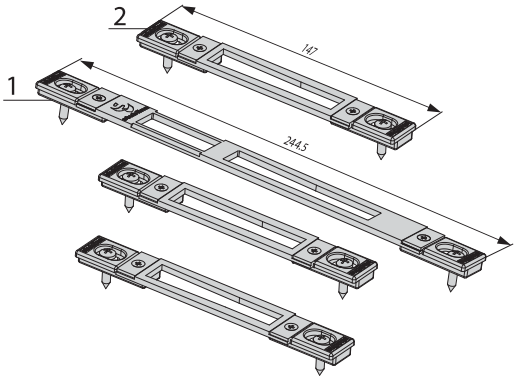
3045.60



1	3016.20	Prihvatna ploča	1
2	3017.20	Prihvatna ploča	2

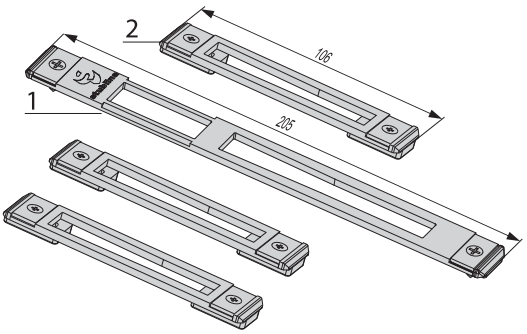
3045.45.50

Set prihvatnih ploča za brave
Set locking plates for door locks
Набор запорных планок для замки



1	3016.00	Prihvatna ploča	1
2	3017.00	Prihvatna ploča	3

3045.45.60

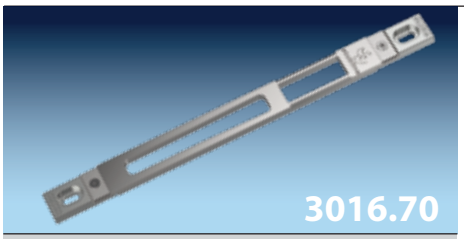


1	3016.20	Prihvatna ploča	1
2	3017.20	Prihvatna ploča	3

Prihvatne ploče

Locking plate

Запорные планки

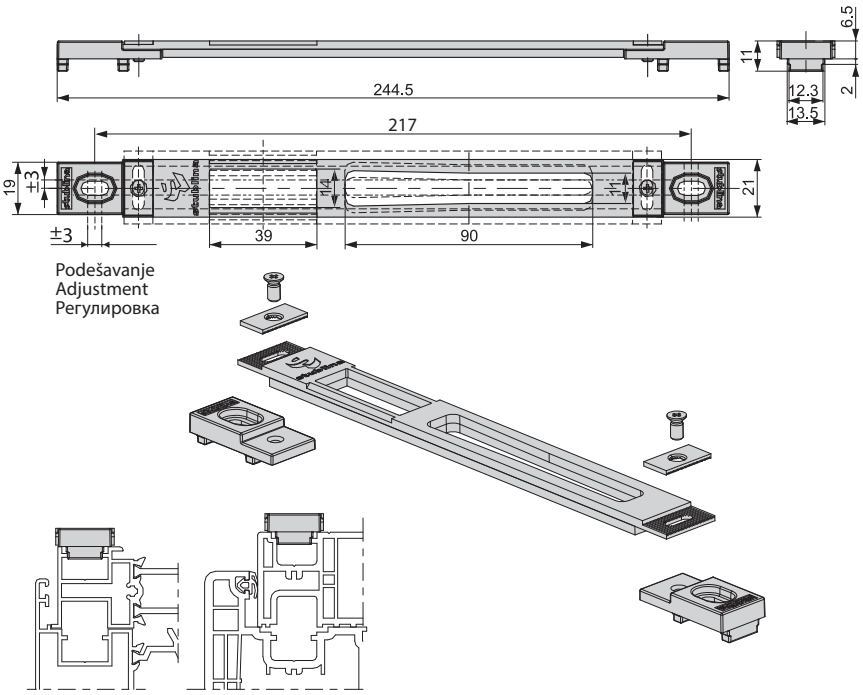


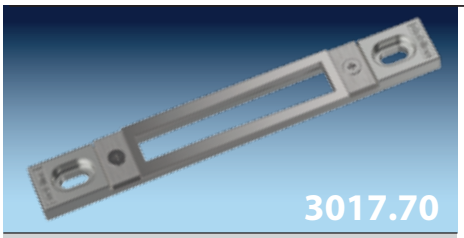
Artikal
3016.70.220
3016.70.201

SR / Tehničke informacije:
- Prihvatna ploča od niklovanog ili cinkovanog čelika,
- Nosač od legure cinka,
- Pločica i zavrtnji od nerđajućeg čelika.

EN / Technical information:
- Locking plate made of nickel plated steel or zinc plated steel,
- Carrier made of zinc alloy,
- Stainless steel plate and screws.

RU / Технические информации:
- Запорная планка изготовлена из никелированной или оцинкованной стали,
- Держатель из сплава цинка
- Винты и накладки из нержавеющей стали.



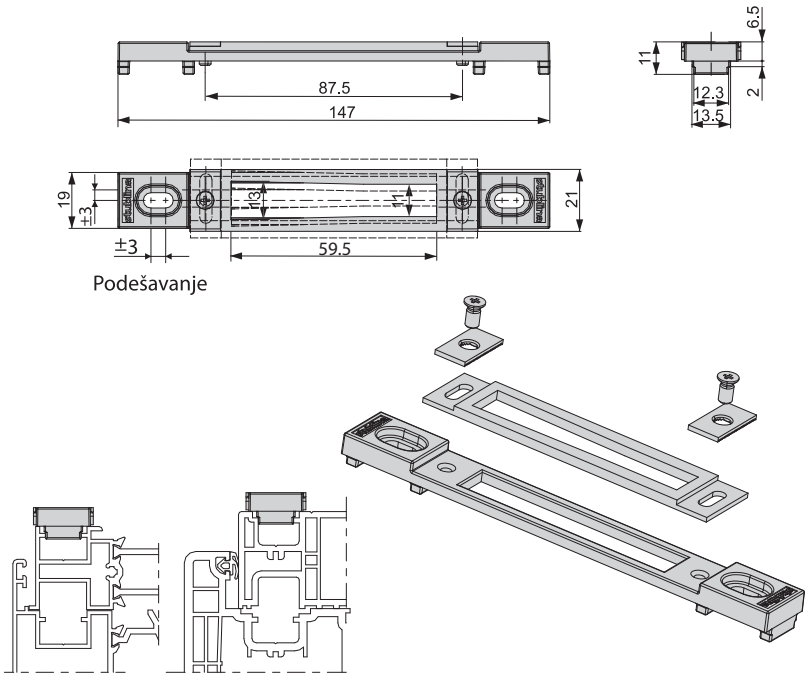


Artikal
3017.70
3017.70.201

SR / Tehničke informacije:
- Prihvatna ploča od niklovanog ili cinkovanog čelika,
- Nosač od legure cinka,
- Pločica i zavrtnji od nerđajućeg čelika.

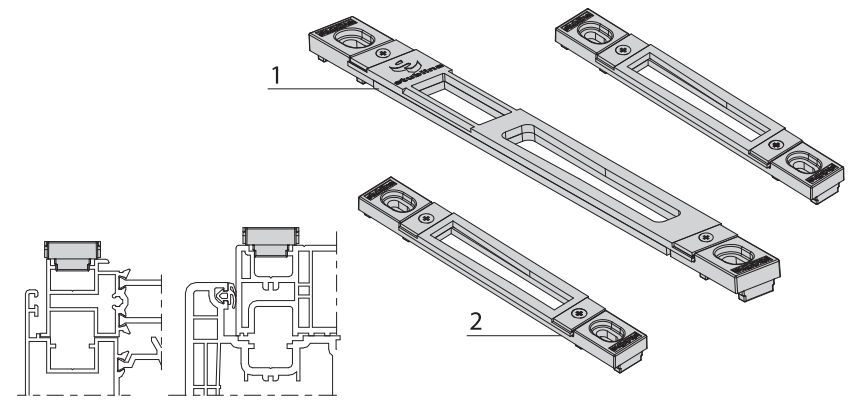
EN / Technical information:
- Locking plate made of nickel plated steel or zinc plated steel,
- Carrier made of zinc alloy,
- Stainless steel plate and screws.

RU / Технические информации:
- Запорная планка изготовлена из никелированной или оцинкованной стали,
- Держатель из сплава цинка
- Винты и накладки из нержавеющей стали.



Artikal
3045.70
3045.70.201

3045.70

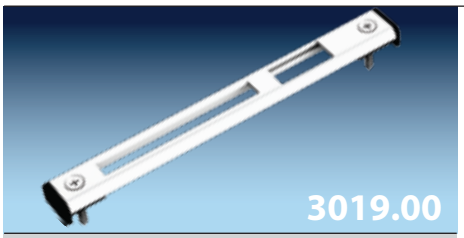


1	3016.70	Prihvatna ploča	1
2	3017.70	Prihvatna ploča	2

Prihvatne ploče

Locking plate

Запорные планки

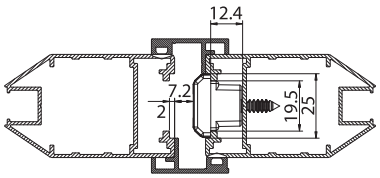


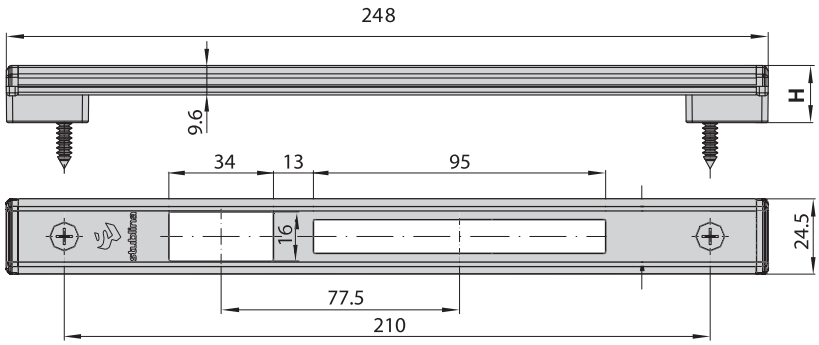
Artikal	H (mm)
3019.00	18.8
3019.10	13/11

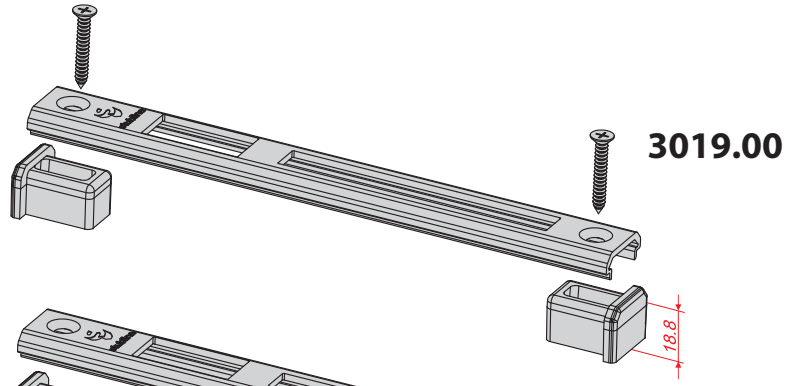
SR / Tehničke informacije:
- Prihvatna ploča od ekstrudiranog aluminijumskog profila,
- Odstojnik od PVC-a,
- Zavrtnji od nerđajućeg čelika.

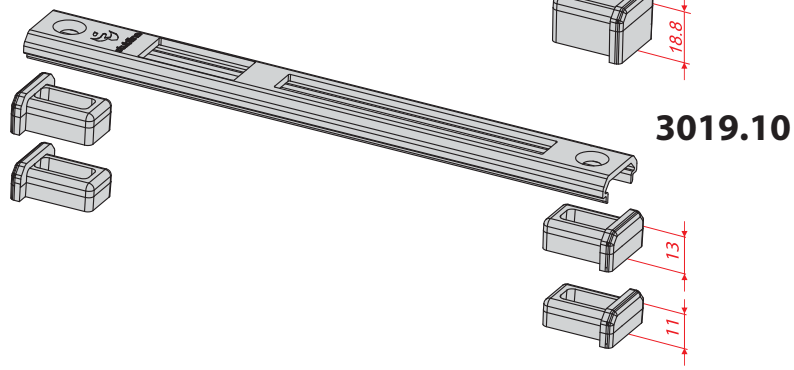
EN / Technical information:
- Locking plate made of extruded aluminium profile,
- Distance-piece spacer made of PVC,
- Stainless steel screws.

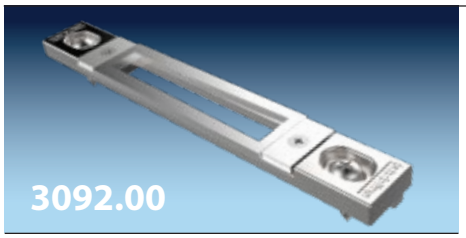
RU / Технические информации:
- Запорная планка изготовлена из экструдированного алюминиевого профиля
- Подложка из полиамида,
- Винты из нержавеющей стали.







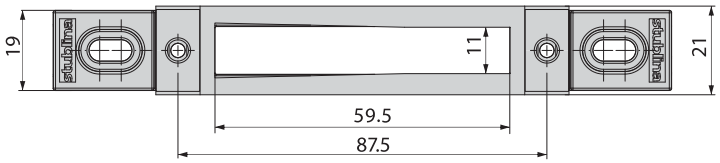


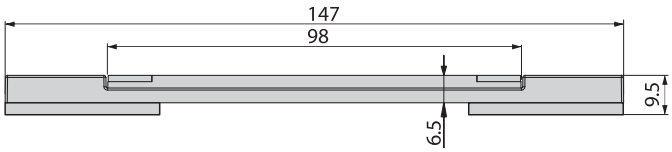


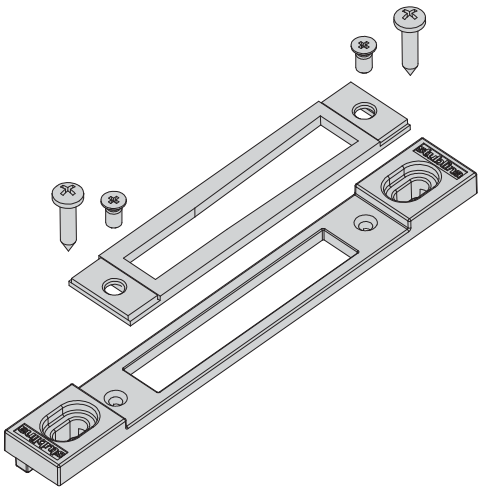
SR / Tehničke informacije:
- Telo prihvatnika od niklovanog čelika.
- Nosač od legure cinka,
- Pločica i zavrtnji od nerđajućeg čelika.

EN / Technical information:
- Locking plate made of nickel-plated steel,
- Support plate made of zinc alloy,
- Stainless steel plate and screws.

RU / Технические информации:
- Запорная планка изготовлена из никелированной стали.
- Держатель из сплава цинка (ЦАМ),
- Винты и накладки из нержавеющей стали.

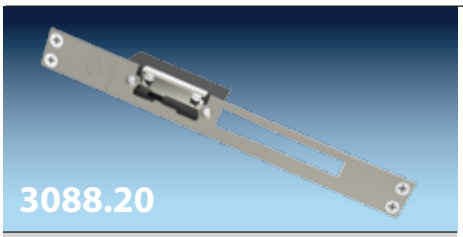






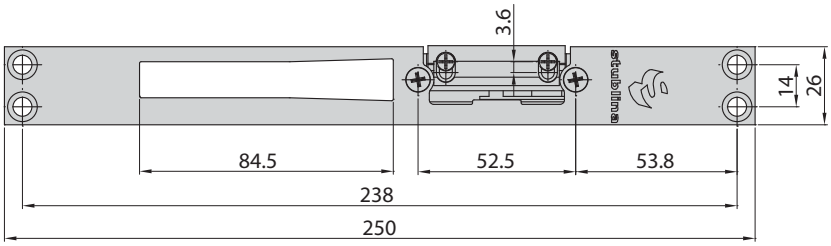
Primena: za jednokrilna PVC vrata.
Using: for single PVC door.
Применение: Для одной двери ПВХ.

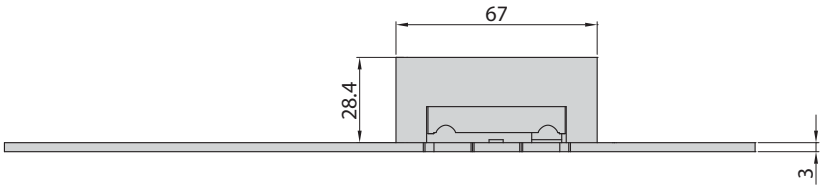
Prihvatne ploče
Locking plate
Запорные планки



Artikal
3088.20
3088.20.133

Tip	U	I
Simetrični memorijski SES1-008	12 VAC/DC	980 mA

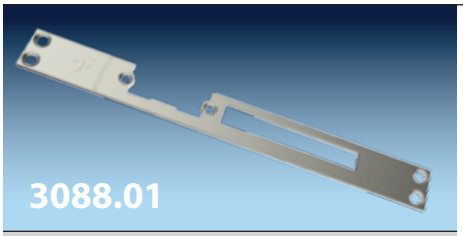




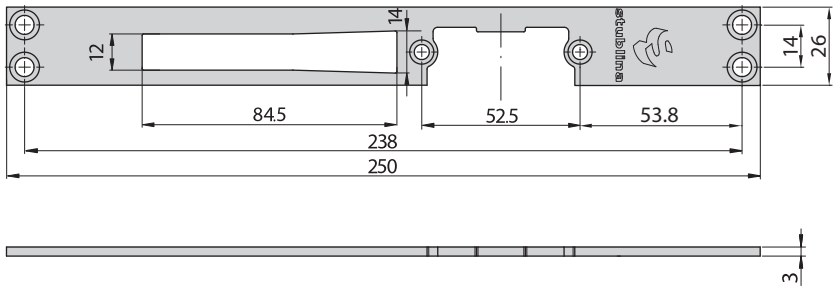
SR / Tehničke informacije:
•Prihvatna ploča od niklovanog ili nerđajućeg čelika,
•Zavrtnji od nerđajućeg čelika.

EN / Technical information:
•Locking plate made of nickel plated steel or stainless steel,
•Stainless steel screws.

RU / Технические информации:
•Запорная планка изготовлена из никелированной или нержавеющей стали,
•Винты из нержавеющей стали.



Artikal
3088.01
3088.01.133

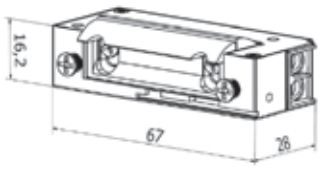


SR / Tehničke informacije:
• Prihvatna ploča od niklovanog ili nerđajućeg čelika,
• Zavrtnji od nerđajućeg čelika.

EN / Technical information:
• Locking plate made of nickel plated steel or stainless steel,
• Stainless steel screws.

RU / Технические информации:
• Запорная планка изготовлена из никелированной или нержавеющей стали,
• Винты из нержавеющей стали.

EM - Elektromagnet
EM - Electromagnet
ЭМ - Электромагнит



Električni prihvatnik se koristi za daljinsko otključavanje vrata i ulaza.
Primenjen je u sistemima za kontrolu pristupa.

Glavne odlike:
- NC - normalno zatvoren
- temperaturno okruženje od -40 do +50 ˚ C
- protivprovalni otpor 3000 N (~300 kg)
- mehanička izdržljivost - 200.000 ciklusa
- DIN leva i DIN desna vrata
- zatvarač napravljen od legure cinka, niklovan
- podešavanje zatvarača do 3mm
- zaobljeni oblik zatvarača

Dostupne verzije:
- 12 VAC/DC - ulazni napon AC/DC
- funkcija - drži u otvorenom položaju
- sa memorijom
- I=980mA

Electric strike is used for remote, wired locking/unlocking doors, gateways. It is applied to access control systems.

Main features:
- NC - normally closed
- temperature range from -40 to +50 C degrees
- break-in resistance 3000 N (300kg)
- opening cycles 200.000
- DIN left and DIN right doors
- latch out of zamak, nickel plated
- adjustable latch up to 3mm
- radial shape of latch

Available versions:
- 12VAC/DC – powered by alternating / direct current
- HOLD-OPEN function
- With memory
- I=980mA

Электрическая защелка используется для дистанционного закрывания/открывания дверей. Применяется в системах контроля доступа помещений.

Основные особенности:
- NC - нормально закрытая (безподачи импульса-остается закрытой)
- Диапазон рабочих температур применения защелки от -40 до +50С
- Максимальная силовая нагрузка 3000Н (300кг)
- Максимальные выдерживаемые циклы открывания /закрывания 200000
- Универсальная (устанавливается на левые и на правые двери)
- Корпус защелки изготовлен из алюминиевого сплава и покрыт никелем
- Регулировка до 3мм

Возможные варианты:
- 12VAC/DC - питание от переменного/постоянного тока
- Функция ДЕРЖАТЬ-ОТКРЫТОЙ
- С памятью I=980mA

Prihvatne ploče
Locking plate
Запорные планки

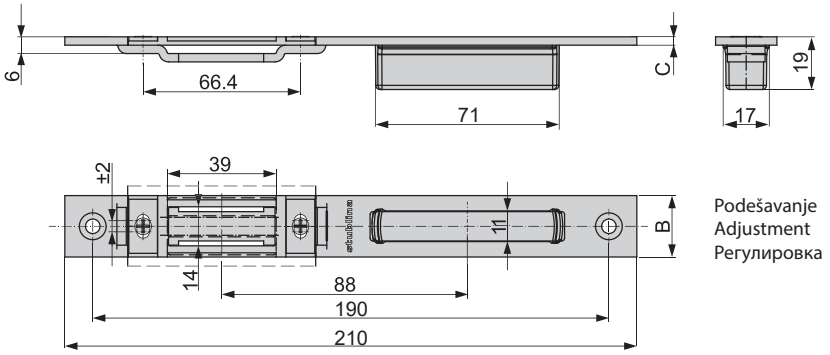
Artikal	Čeona ploča Lock forend Лицевая пл.	B (mm)	C (mm)	X
3096.00		22	3	INOX (304)
3096.24		24	3	
3096.30/P		24	7	

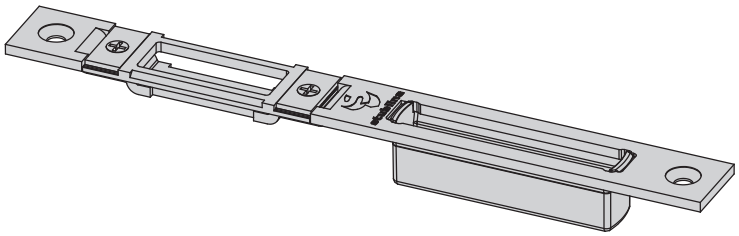
X - Čeona ploča / Lock forend / Лицевая планка

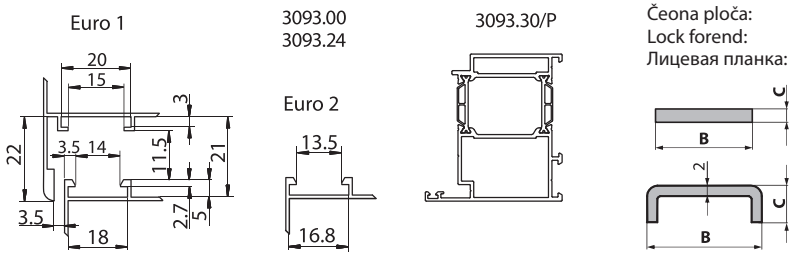
SR / Tehničke informacije:
•Prihvatna ploča i nosač prihvatne ploče od nerđajućeg čelika,
•Zavrtnji od niklovanog čelika.

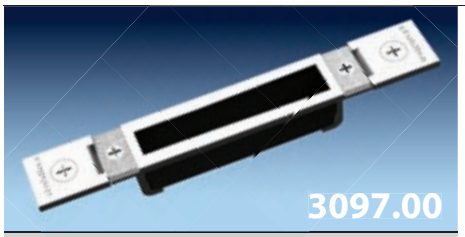
EN / Technical information:
•Locking plate and support plate made of stainless steel,
•Nickel-plated screws.

RU / Технические информации:
•Запорная планка изготовлена из нержавеющей стали, держатель запорной планки из нержавеющей стали
•Винты из никелированной стали.









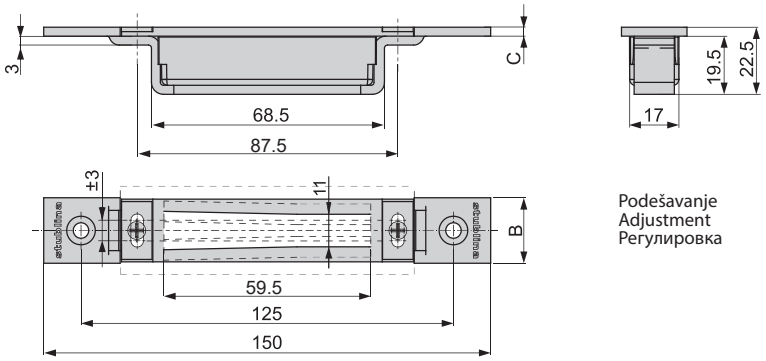
Artikal	Čeona ploča Lock forend Лицевая пл.	B (mm)	C (mm)	X
3097.00		22	3	INOX (304)
3097.24		24	3	
3097.30/P		24	7	

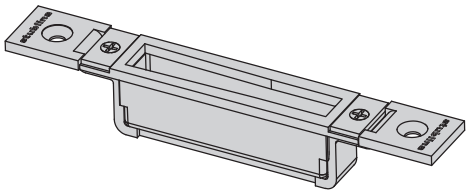
X - Čeona ploča / Lock forend / Лицевая планка

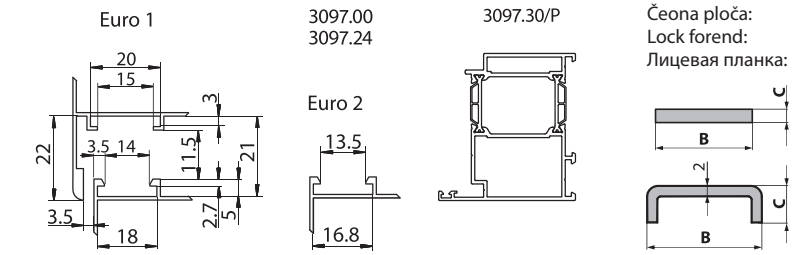
SR / Tehničke informacije:
•Prihvatna ploča i nosač prihvatne ploče od nerđajućeg čelika,
•Zavrtnji od niklovanog čelika.

EN / Technical information:
•Locking plate and support plate made of stainless steel,
•Nickel-plated screws.

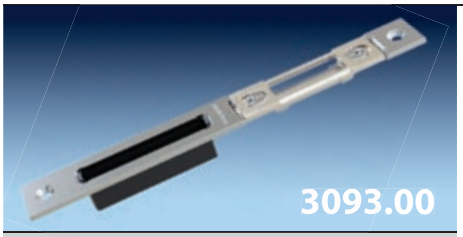
RU / Технические информации:
•Запорная планка изготовлена из нержавеющей стали, держатель запорной планки из нержавеющей стали
•Винты из никелированной стали.







Prihvatne ploče
Locking plate
Запорные планки



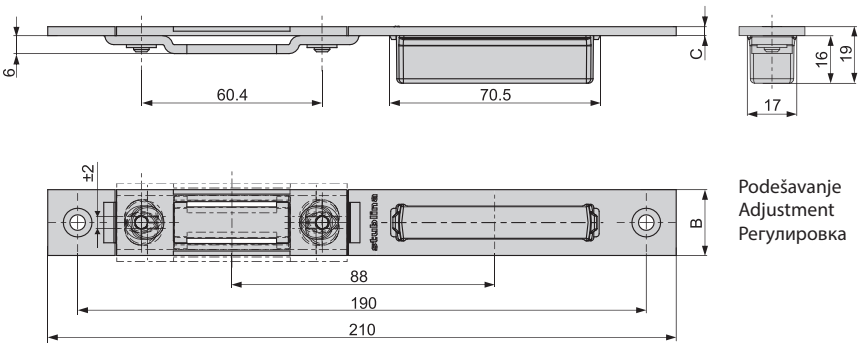
Artikal	Čeona ploča Lock forend Лицевая пл.	B (mm)	C (mm)	X
3093.00		22	3	INOX (304)
3093.24		24	3	
3093.30/P		24	7	

X - Čeona ploča / Lock forend / Лицевая планка

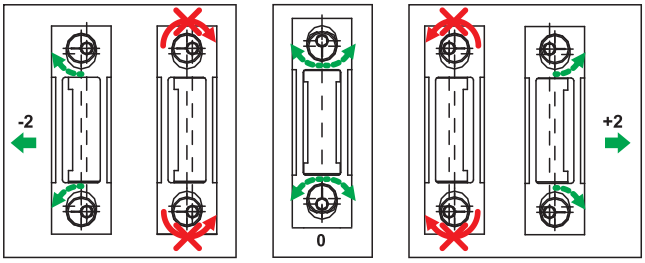
SR / Tehničke informacije:
•Prihvatna ploča i nosač prihvatne ploče od nerđajućeg čelika,
•Zavrtnji od niklovanog čelika.

EN / Technical information:
•Locking plate and support plate made of stainless steel,
•Nickel-plated screws.

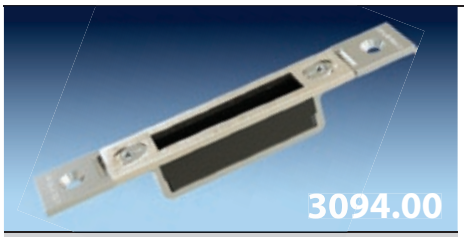
RU / Технические информации:
•Запорная планка изготовлена из нержавеющей стали, держатель запорной планки из нержавеющей стали
•Винты из никелированной стали.



Podešavanje
Adjustment
Регулировка



Podešavanje ekscentra se vrši pomoću imbus ključa (⬡4)
The eccentric is adjusted with the hexagon hollow screw spanner (⬡4).
Эксцентрик регулируется шестигранным ключом (⬡4).



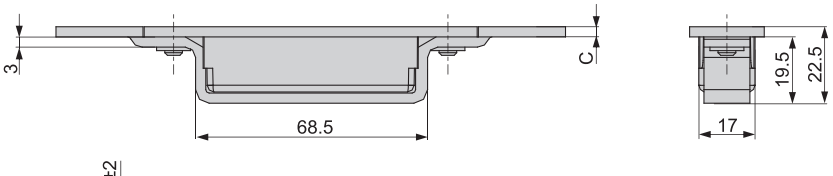
Artikal	Čeona ploča Lock forend Лицевая пл.	B (mm)	C (mm)	X
3094.00		22	3	INOX (304)
3094.24		24	3	
3094.30/P		24	7	

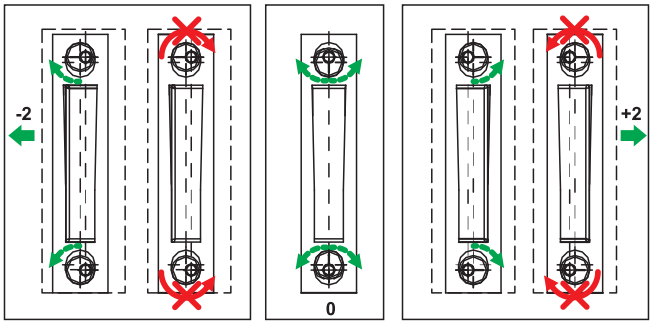
X - Čeona ploča / Lock forend / Лицевая планка

SR / Tehničke informacije:
•Prihvatna ploča i nosač prihvatne ploče od nerđajućeg čelika,
•Zavrtnji od nerđajućeg čelika.

EN / Technical information:
•Locking plate and support plate made of stainless steel,
•Stainless steel screws.

RU / Технические информации:
•Запорная планка изготовлена из нержавеющей стали, держатель запорной планки из нержавеющей стали
•Винты из нержавеющей стали.





Podešavanje ekscentra se vrši pomoću imbus ključa (⬡4)
The eccentric is adjusted with the hexagon hollow screw spanner (⬡4).
Эксцентрик регулируется шестигранным ключом (⬡4).

Prihvatne ploče
Locking plate
Запорные планки

Artikal	Čeona ploča Lock forend Лицевая пл.	B (mm)	C (mm)	L (mm)	X
3098.00		22	3	1640	INOX (AISI 304)
3098.24		24	3	1640	
3098.10		22	3	2200	
3098.24.10		24	3	2200	
3098.30/P		24	7	1640	
3098.30.10/P		24	7	2200	

X - Čeona ploča / Lock forend / Лицевая планка

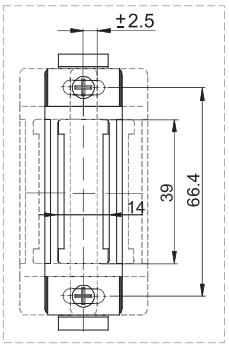
SR / Tehničke informacije:
•Prihvatna ploča i nosač prihvatne ploče od nerđajućeg čelika,
•Zavrtnji od niklovanog čelika.

EN / Technical information:
•Locking plate and support plate made of stainless steel,
•Nickel-plated screws.

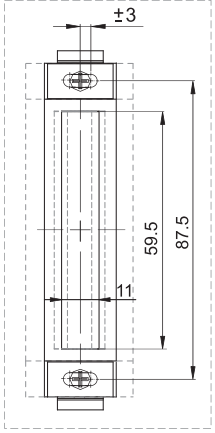
RU / Технические информации:
•Запорная планка изготовлена из нержавеющей стали, держатель запорной планки из нержавеющей стали
•Винты из никелированной стали.

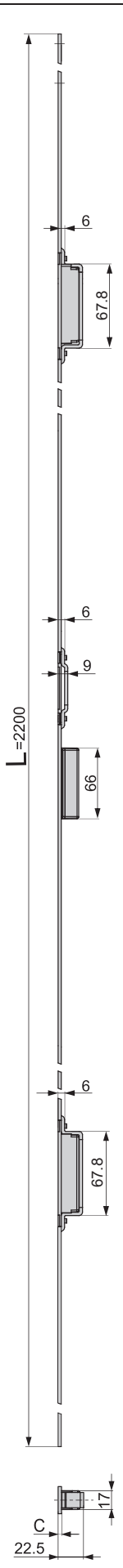
Podešavanje
Adjustment
Регулировка

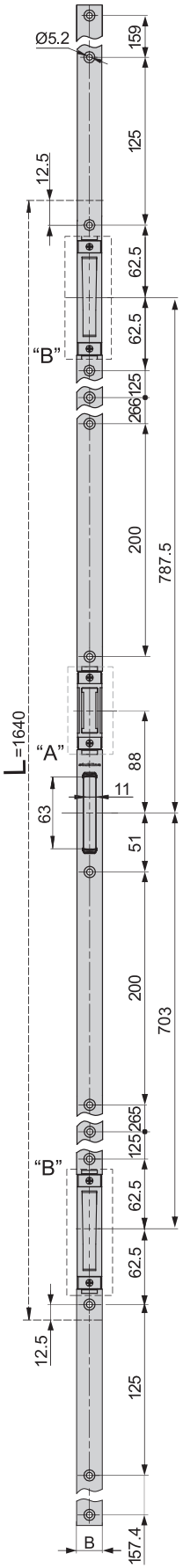
Detalj A
Detail A
Деталь А

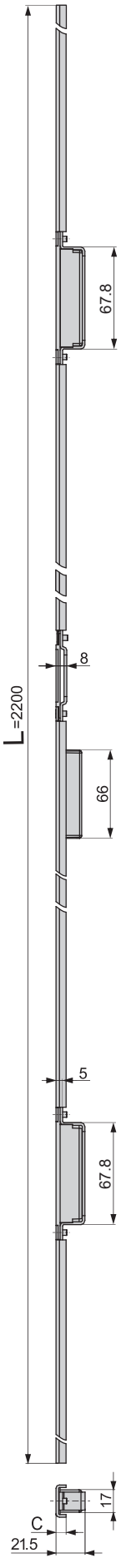


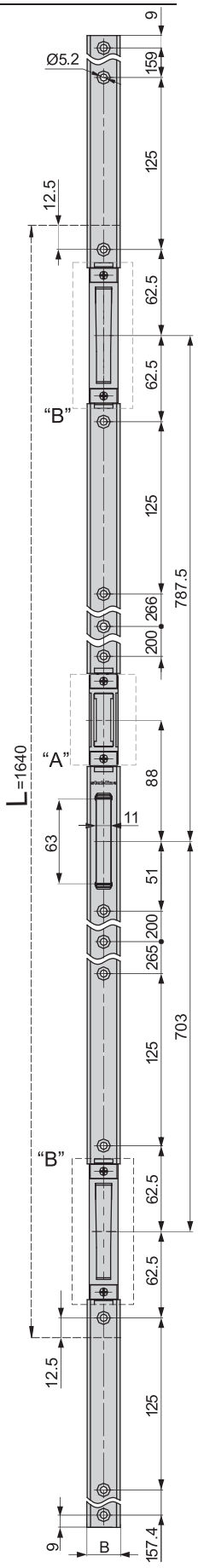
Detalj B
Detail B
Деталь В











Prihvatne ploče
Locking plate
Запорные планки

Artikal	Čeona ploča Lock forend Лицевая пл.	B (mm)	C (mm)	L (mm)	X
3095.00		22	3	1640	INOX (AISI 304)
3095.24		24	3	1640	
3095.10		22	3	2200	
3095.24.10		24	3	2200	
3095.30/P		24	7	1640	
3095.30.10/P		24	7	2200	

X - Čeona ploča / Lock forend / Лицевая планка

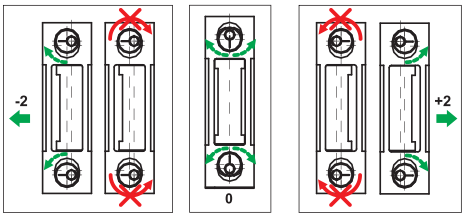
SR / Tehničke informacije:
•Prihvatna ploča i nosač prihvatne ploče od nerđajućeg čelika,
•Zavrtnji od niklovanog čelika.

EN / Technical information:
•Locking plate and support plate made of stainless steel,
•Nickel-plated screws.

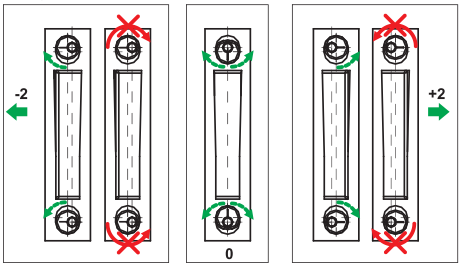
RU / Технические информации:
•Запорная планка изготовлена из нержавеющей стали, держатель запорной планки из нержавеющей стали
•Винты из никелированной стали.

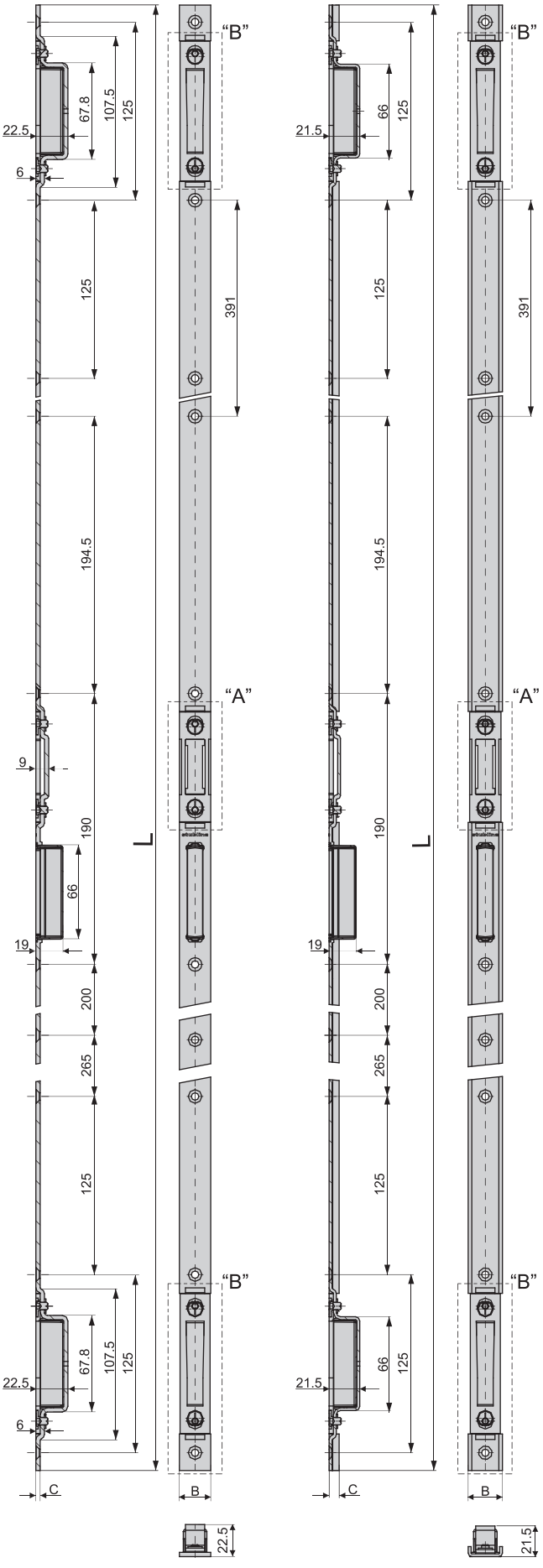
Podešavanje
Adjustment
Регулировка

Detalj A / Detail A / Деталь A

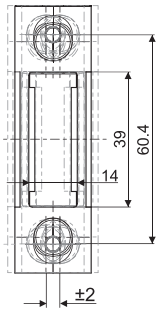


Detalj B / Detail B / Деталь B

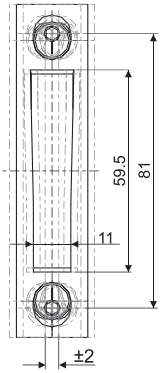




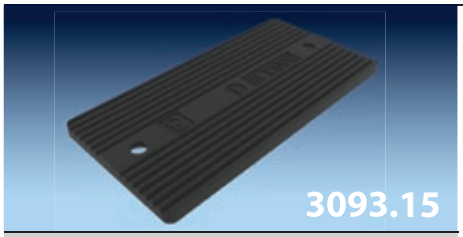
Detalj A
Detail A
Деталь A



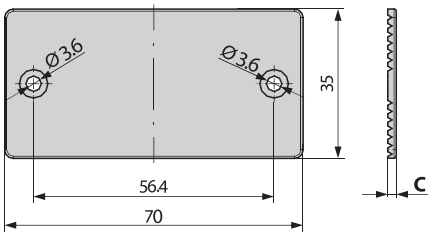
Detalj B
Detail B
Деталь B



Prihvatne ploče
Locking plate
Запорные планки



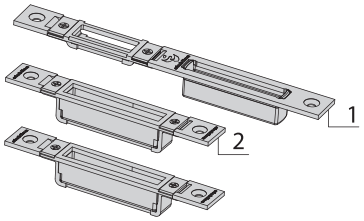
Artikal	C (mm)
3093.15	2
3093.16	3



Tehničke informacije:
•Podloška od PVC-a,
•PVC washer
•ПВХ пластина

3096.50

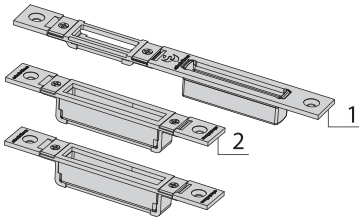
Set prihvatnih ploča za brave
Set locking plates for door locks
Набор запорных планок для замки



1	3096.00	Prihvatne ploča	1
2	3097.00	Prihvatne ploča	2

3096.60

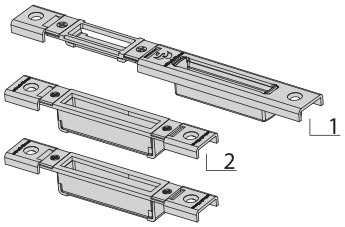
Set prihvatnih ploča za brave
Set locking plates for door locks
Набор запорных планок для замки



1	3096.24	Prihvatne ploča	1
2	3097.24	Prihvatne ploča	2

3096.70/P

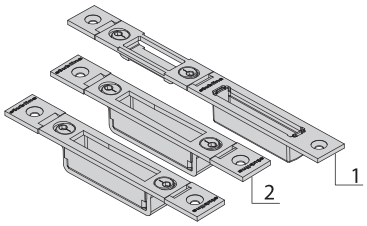
Set prihvatnih ploča za brave
Set locking plates for door locks
Набор запорных планок для замки



1	3096.30/P	Prihvatne ploča	1
2	3097.30/P	Prihvatne ploča	2

3093.50

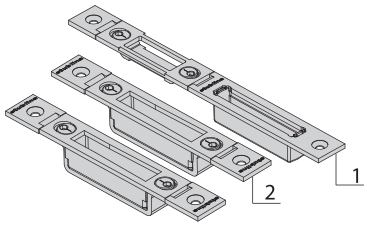
Set prihvatnih ploča za brave
Set locking plates for door locks
Набор запорных планок для замки



1	3093.00	Prihvatne ploča	1
2	3094.00	Prihvatne ploča	2

3093.60

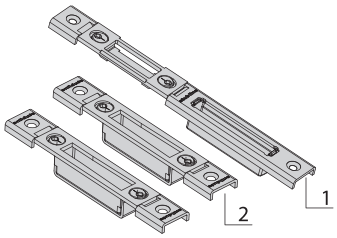
Set prihvatnih ploča za brave
Set locking plates for door locks
Набор запорных планок для замки



1	3093.24	Prihvatne ploča	1
2	3094.24	Prihvatne ploča	2

3093.70/P

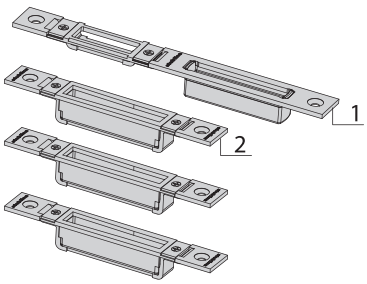
Set prihvatnih ploča za brave
Set locking plates for door locks
Набор запорных планок для замки



1	3093.30/P	Prihvatne ploča	1
2	3094.30/P	Prihvatne ploča	2

3096.45.50

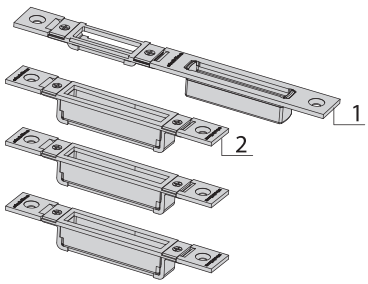
Set prihvatnih ploča za brave
Set locking plates for door locks
Набор запорных планок для замки



1	3096.00	Prihvatna ploča	1
2	3097.00	Prihvatna ploča	3

3096.45.60

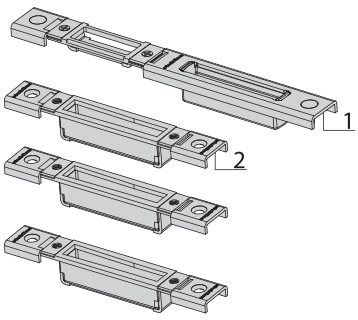
Set prihvatnih ploča za brave
Set locking plates for door locks
Набор запорных планок для замки



1	3096.24	Prihvatna ploča	1
2	3097.24	Prihvatna ploča	3

3096.45.70/P

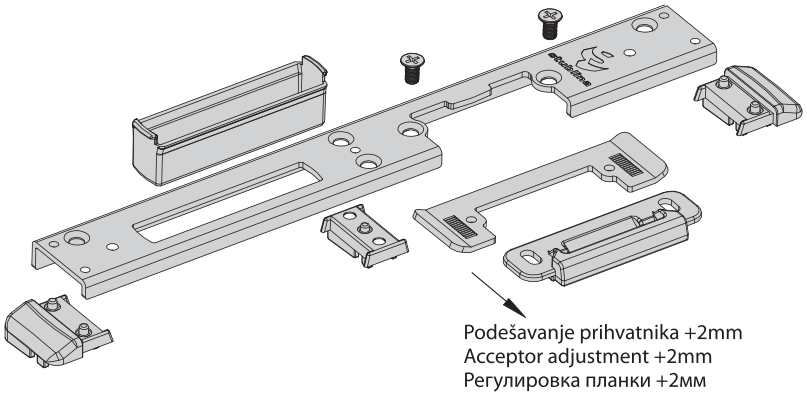
Set prihvatnih ploča za brave
Set locking plates for door locks
Набор запорных планок для замки



1	3096.30/P	Prihvatna ploča	1
2	3097.30/P	Prihvatna ploča	3

Prihvatne ploče
Locking plate
Запрные планки

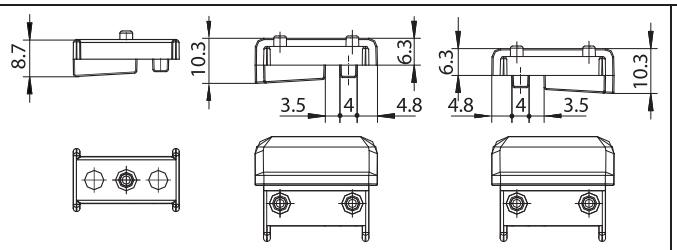
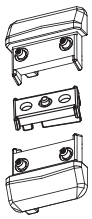
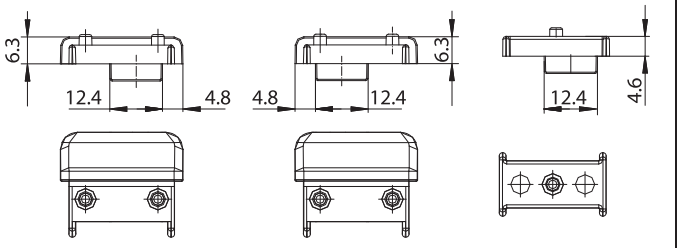
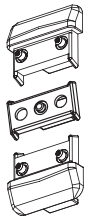
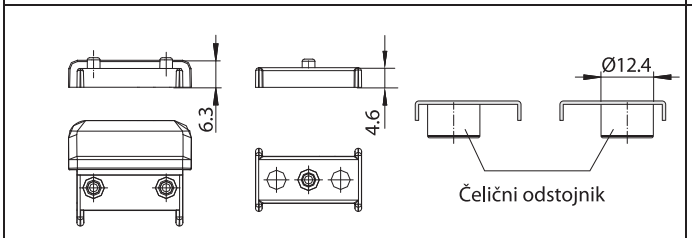
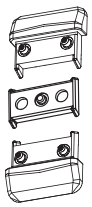
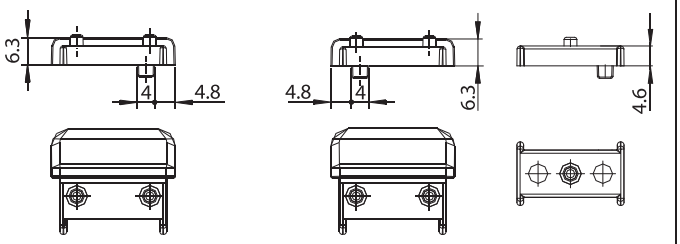
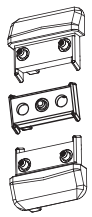
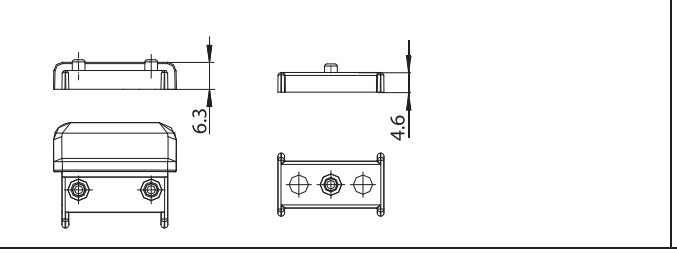
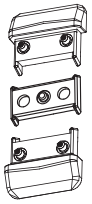
PVC
PVC
ПВХ

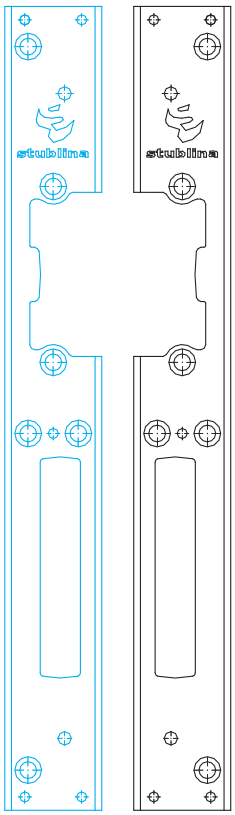


SR / Tehničke informacije:
•Prihvatna ploča od cinkovanog čelika,
•Odstojnik od PVC-a,
•Zavrtnji od nerđajućeg čelika.

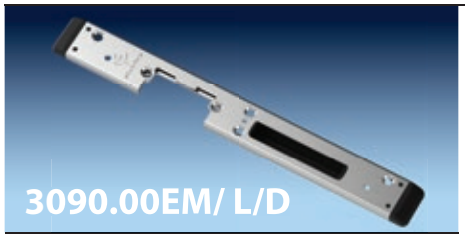
EN / Technical information:
•Locking plate made of zink plated steel,
•Distance-piece spacer made of PVC,
•Stainless steel screws.

RU / Технические информации:
•Запорная планка изготовлена
из оцинкованныйстали,
•Подложка из ПВХ
•Винты из нержавеющей стали.

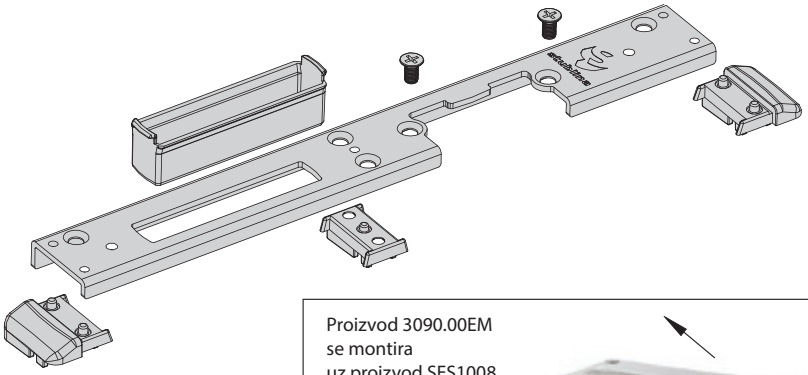
3090.10L **3090.10D**	**L** leva left левая **D** desna right правая		PVC uložak 
3090.20L **3090.20D**			PVC uložak 
3090.50L **3090.50D** Dvokrilna vrata Double sash door Распашные двери			PVC uložak 
3090.30L **3090.30D**			PVC uložak 
3090.40L **3090.50D**			PVC uložak 



Prihvatne ploče
Locking plate
Запрные планки



PVC
PVC
ПВХ



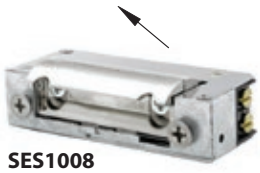
SR / Tehničke informacije:
•Prihvatna ploča od cinkovanog čelika,
•Odstojnik od PVC-a,
•Zavrtnji od nerđajućeg čelika.

EN / Technical information:
•Locking plate made of zink plated steel,
•Distance-piece spacer made of PVC,
•Stainless steel screws.

RU / Технические информации:
•Запорная планка изготовлена
из оцинкованныйстали,
•Подложка из ПВХ
•Винты из нержавеющей стали.

Proizvod 3090.00EM
se montira
uz proizvod SES1008

Product 3090.00EM
is used with
product SES1008



3090.10EM/L
3090.10EM/D

3090.20EM/L
3090.20EM/D

3090.50EM/L
3090.50EM/D

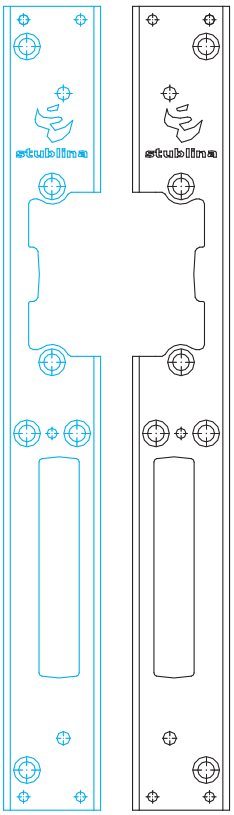
Dvokrilna vrata
Double sash door
Распашные двери

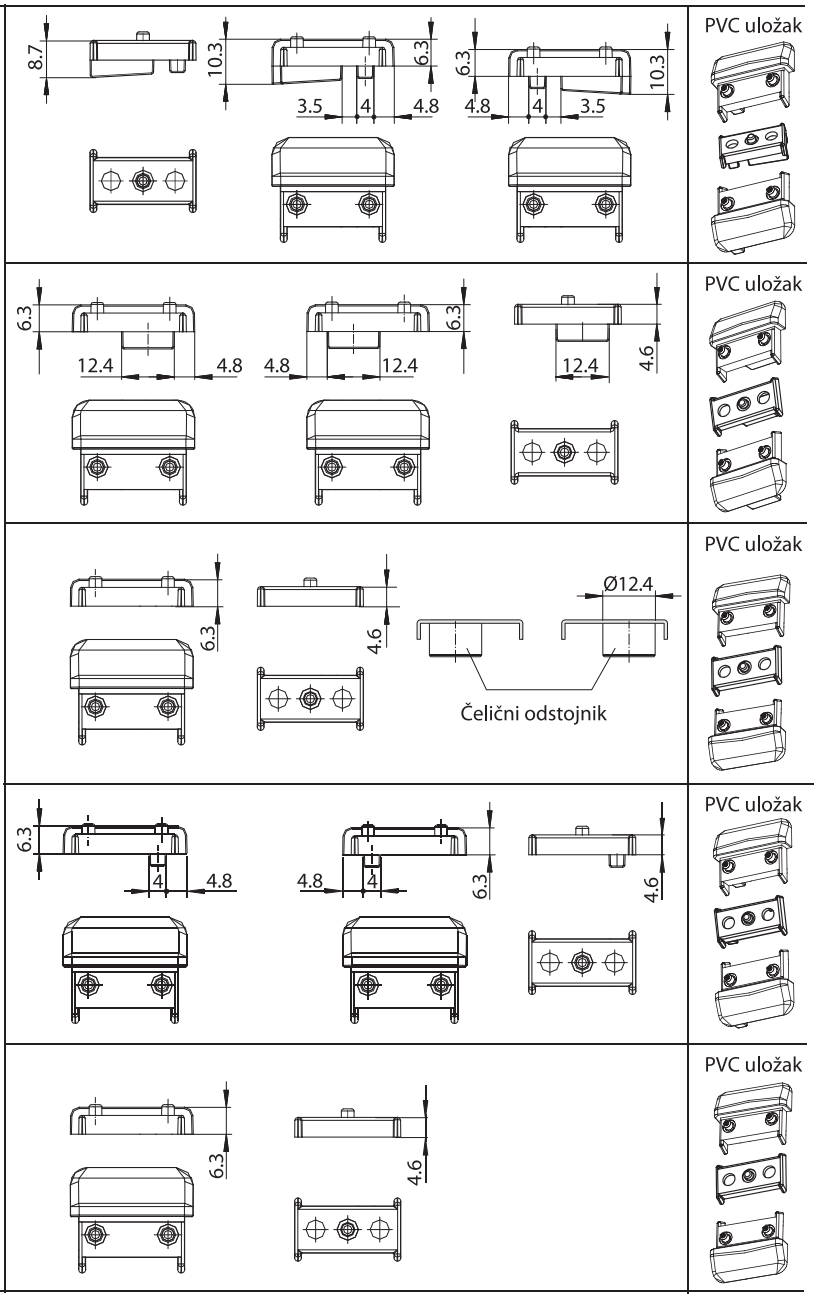
3090.30EM/L
3090.30EM/D

3090.40EM/L
3090.50EM/D

L
leva
left
левая

D
desna
right
правая





PVC uložak

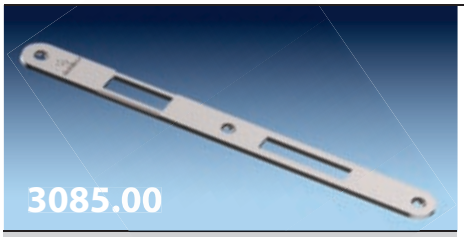
PVC uložak

PVC uložak

PVC uložak

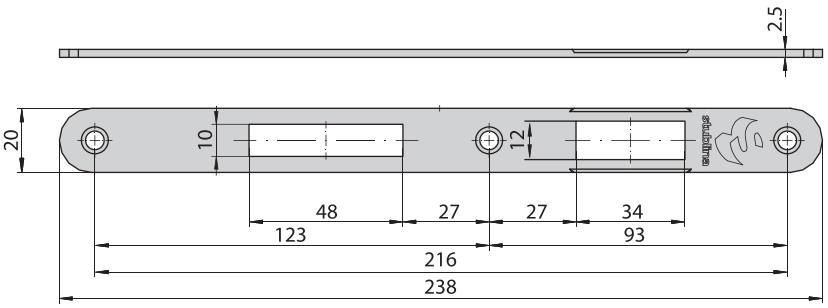
PVC uložak

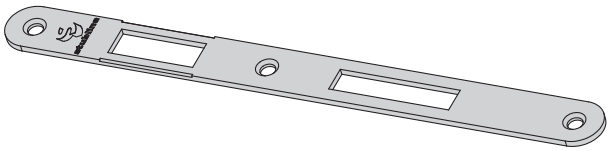
Prihvatne ploče
Locking plate
Запрные планки



Artikal
3085.00
3085.00.201
3085.00.133

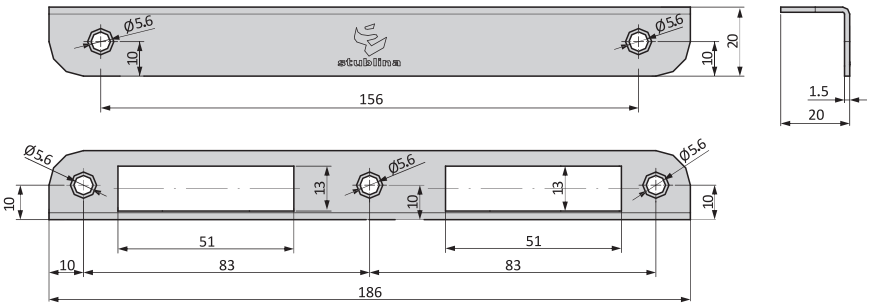
SR / Tehničke informacije:
•Prihvatna ploča od niklovanog ili nerđajućeg čelika,
EN / Technical information:
•Locking plate made of nickel plated steel or stainless steel,
RU / Технические информации:
•Запорная планка изготовлена из никелированной или нержавеющей стали.

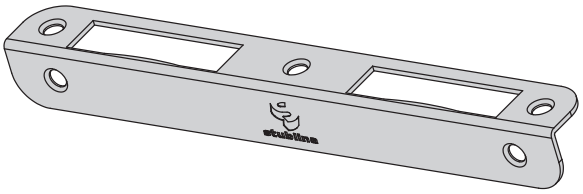


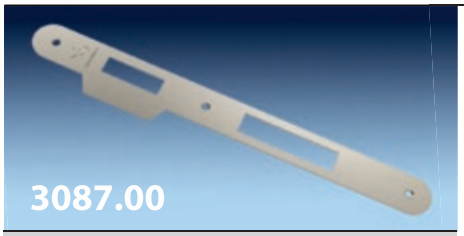


Artikal
3086.00.201
3086.00.220

SR / Tehničke informacije:
•Prihvatna ploča od niklovanog ili cinkovanog čelika.
EN / Technical information:
•Locking plate made of nickel plated or cink plated steel.
RU / Технические информации:
•Запорная планка изготовлена из никелированной или оцинкованныйстали стали.

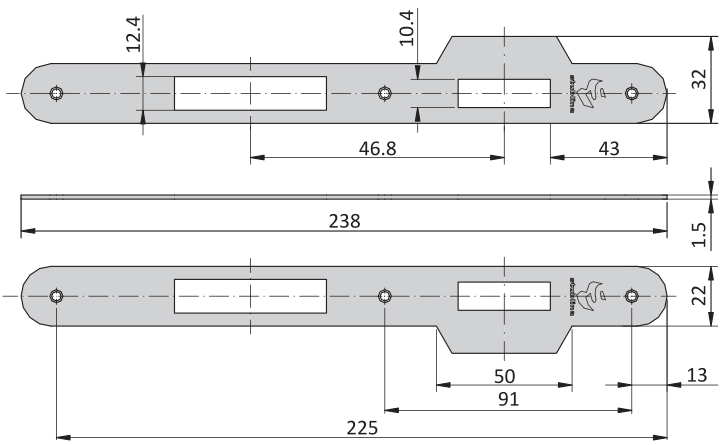


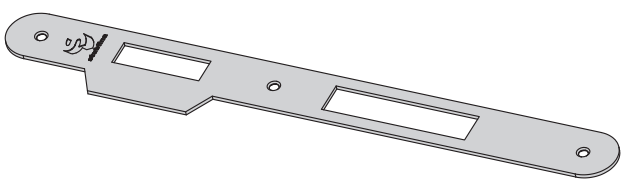




Artikal
3087.00.201
3087.00.220

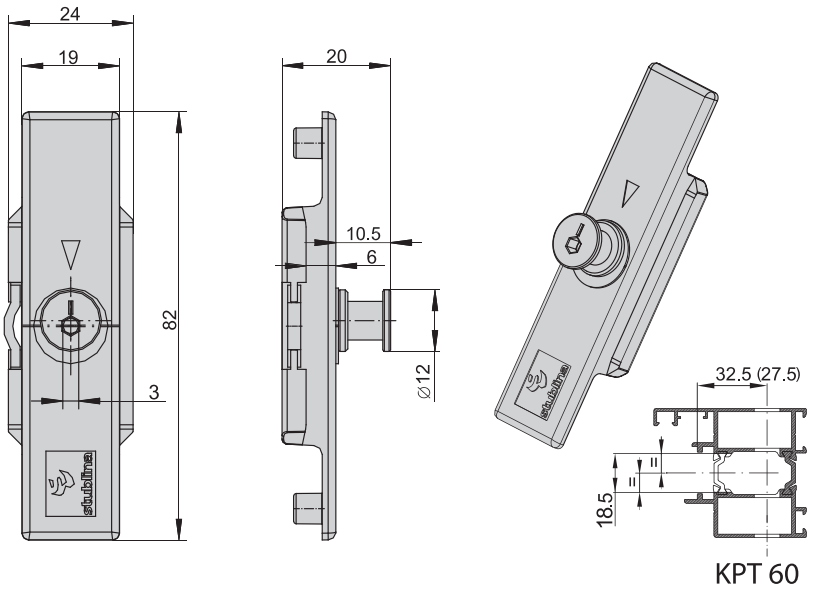
SR / Tehničke informacije:
•Prihvatna ploča od niklovanog ili nerđajućeg čelika.
EN / Technical information:
•Locking plate made of nickel plated steel or stainless steel.
RU / Технические информации:
•Запорная планка изготовлена из никелированной или нержавеющей стали.

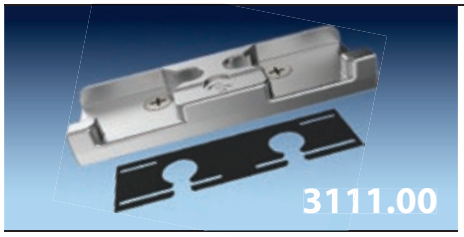




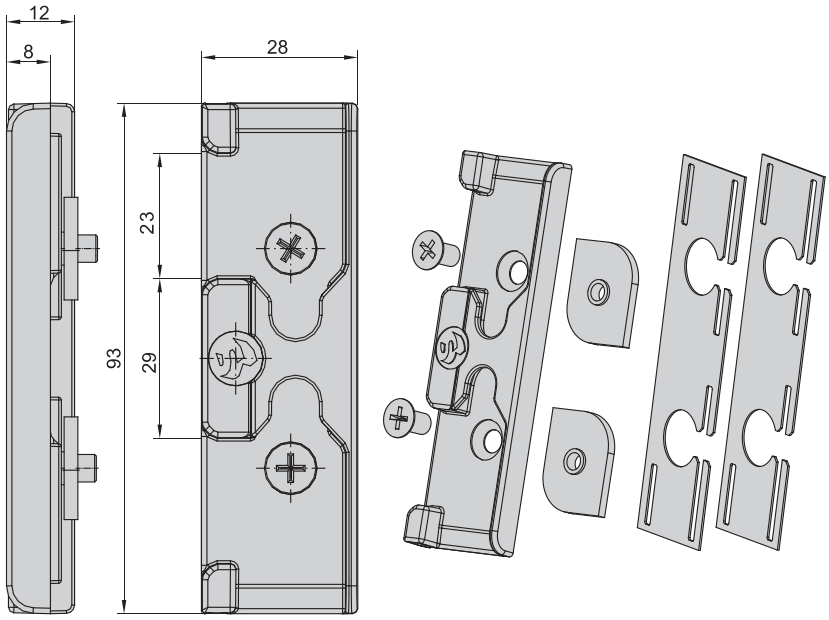
Prihvatnici
Lock acceptors
Запорные планки

SR / Tehničke informacije:
•Telo klizača od legure cinka,
•Tuljak od nerđajućeg čelika.
EN / Technical information:
•Body is made of zink alloy,
•Roler made of stainless steel.
RU / Технические информации:
•Изготовлена из сплава цинка (ЦАМ),
•Цапфа из нержавеющей стали.



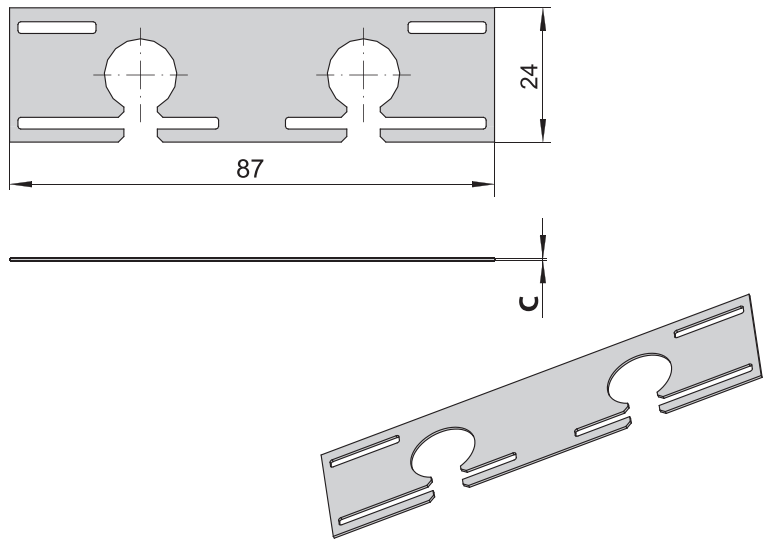


SR / Tehničke informacije:
•Telo prihvatnika od legure cinka,
•Podloška od PVC-a (≠0.7/1.25),
•Pločica i zavrtnji od nerđajućeg čelika.
EN / Technical information:
•Body is made of zink alloy,
•Distance-piece spacer made of PVC (≠0.7/1.25),
•Stainless steel plate and screws.
RU / Технические информации:
•Изготовлена из сплава цинка (ЦАМ),
•Подложка из ПВХ-а (≠0.7/1.25)
•Винты и накладки из нержавеющей стали.



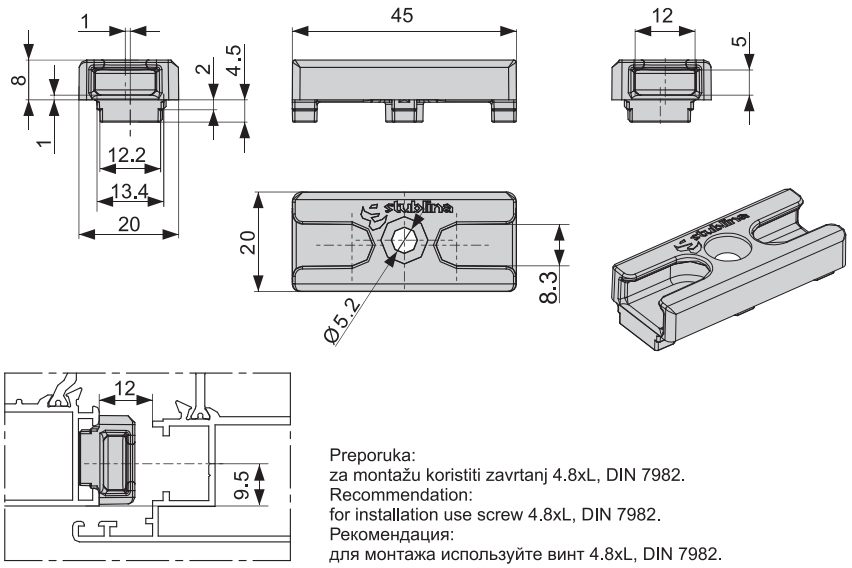
Artikal	C (mm)
3111.03	0.7
3111.04	1.25

Tehničke informacije:
•Podloška od PVC-a,
•PVC washer
•ПВХ пластина



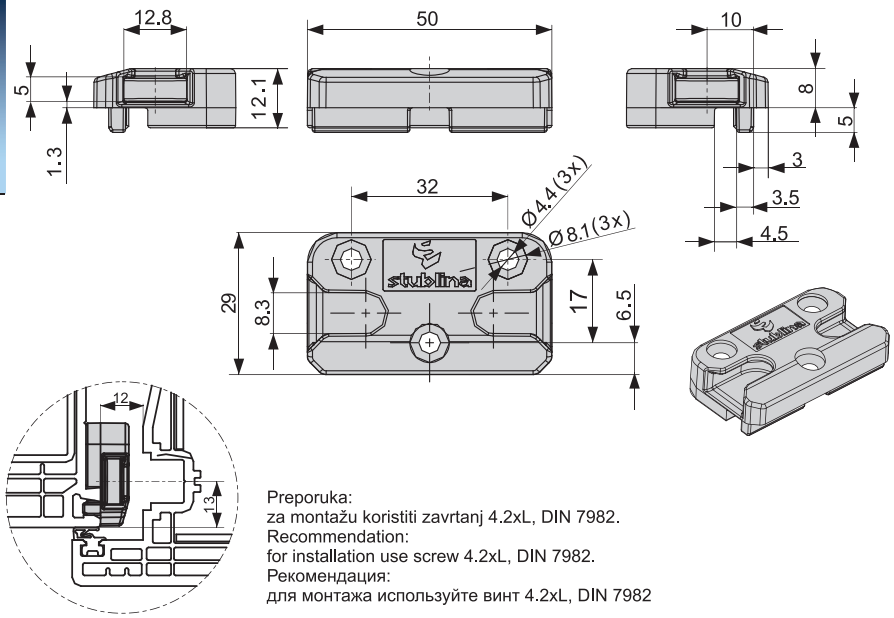
Prihvatne ploče
Locking plate
Запрные планки

SR / Tehničke informacije:
•Proizveden od legure cinka livenjem pod visokim pritiskom.
EN / Technical information:
•Manufactured of zinc alloy by die-casting.
RU / Технические информации:
•Изготовлен из сплава цинка и полиамида, методом литья под высоким давлением.



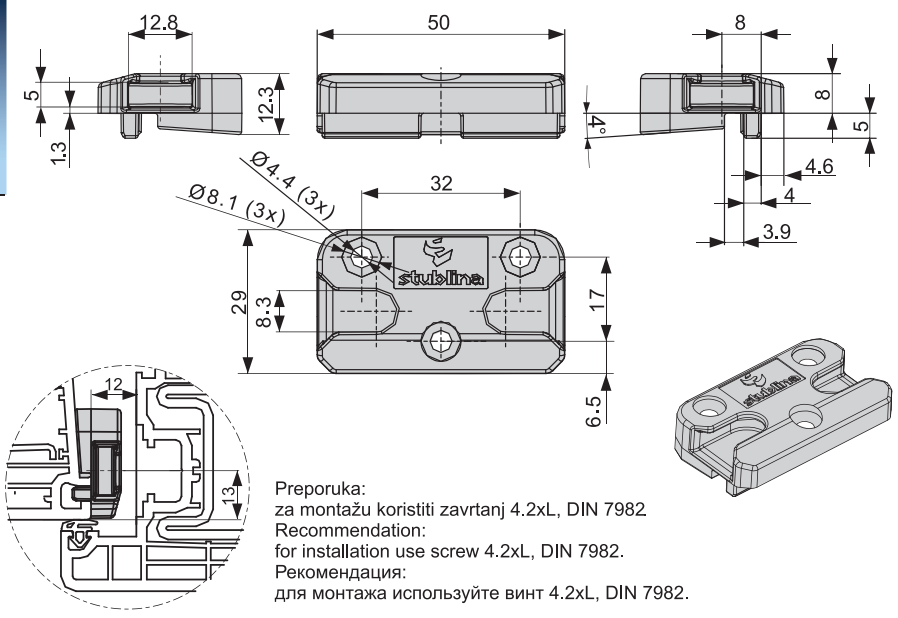
Preporuka:
za montažu koristiti zavrtanj 4.8xL, DIN 7982.
Recommendation:
for installation use screw 4.8xL, DIN 7982.
Рекомендация:
для монтажа используйте винт 4.8xL, DIN 7982.

SR / Tehničke informacije:
•Proizveden od legure cinka livenjem pod visokim pritiskom.
EN / Technical information:
•Manufactured of zinc alloy by die-casting.
RU / Технические информации:
•Изготовлен из сплава цинка и полиамида, методом литья под высоким давлением.



Preporuka:
za montažu koristiti zavrtanj 4.2xL, DIN 7982.
Recommendation:
for installation use screw 4.2xL, DIN 7982.
Рекомендация:
для монтажа используйте винт 4.2xL, DIN 7982

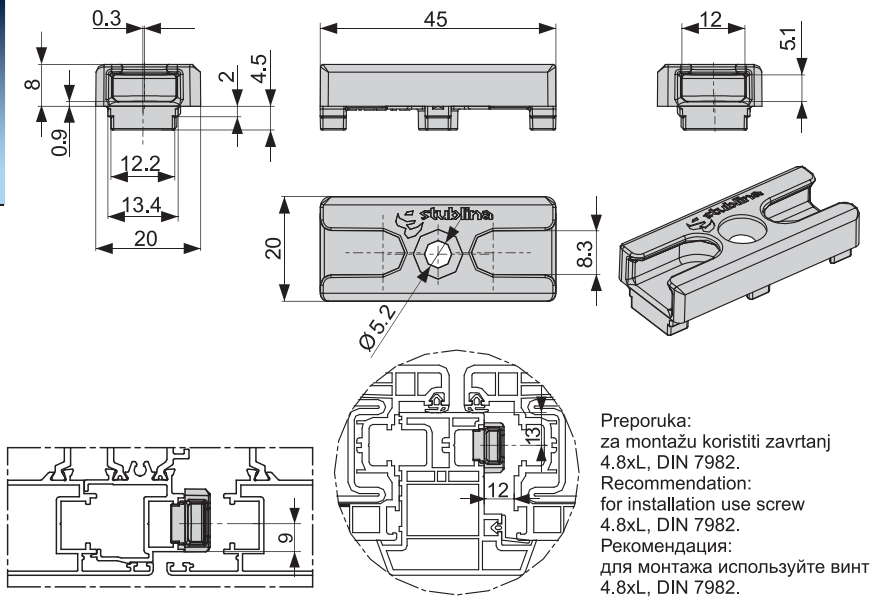
SR / Tehničke informacije:
•Proizveden od legure cinka livenjem pod visokim pritiskom.
EN / Technical information:
•Manufactured of zinc alloy by die-casting.
RU / Технические информации:
•Изготовлен из сплава цинка и полиамида, методом литья под высоким давлением.



Preporuka:
za montažu koristiti zavrtanj 4.2xL, DIN 7982
Recommendation:
for installation use screw 4.2xL, DIN 7982.
Рекомендация:
для монтажа используйте винт 4.2xL, DIN 7982.

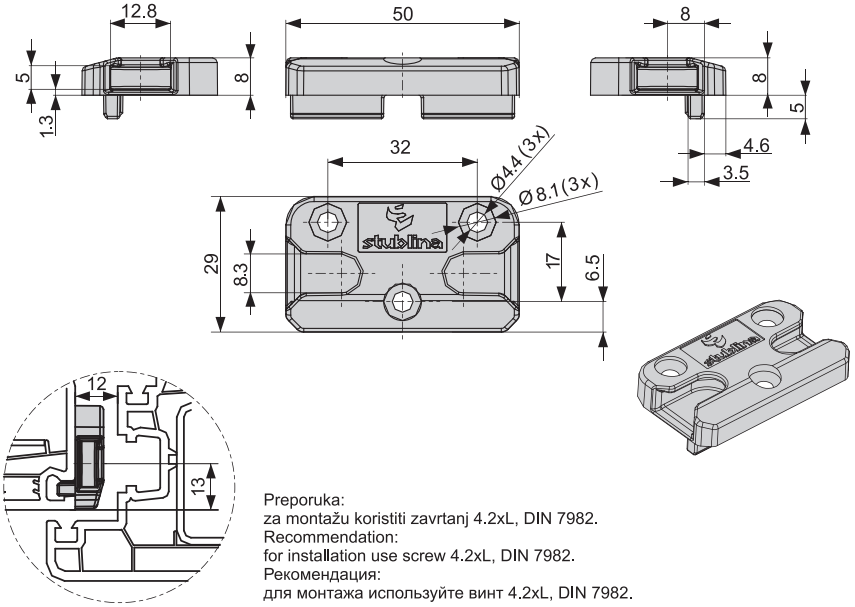
Prihvatne ploče
Locking plate
Запрные планки

SR / Tehničke informacije:
•Proizveden od legure cinka livenjem pod visokim pritiskom.
EN / Technical information:
•Manufactured of zinc alloy by die-casting.
RU / Технические информации:
•Изготовлен из сплава цинка и полиамида, методом литья под высоким давлением.



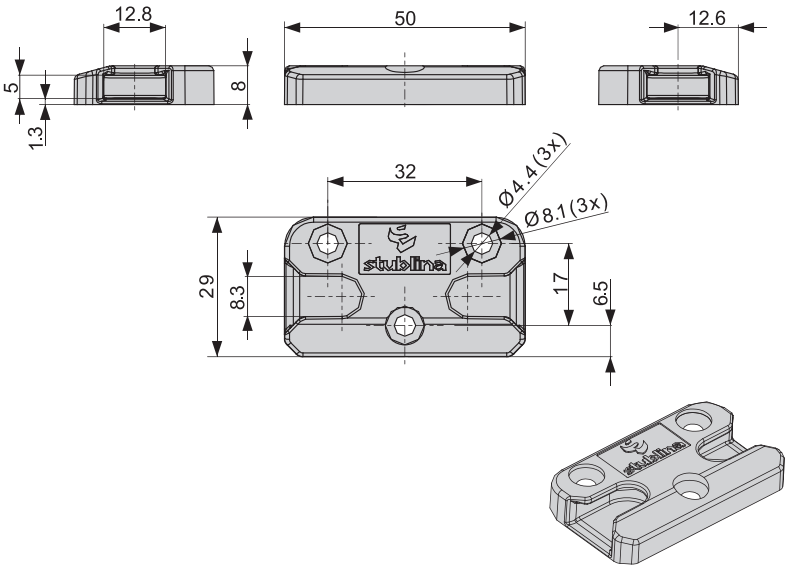
Preporuka:
za montažu koristiti zavrtanj 4.8xL, DIN 7982.
Recommendation:
for installation use screw 4.8xL, DIN 7982.
Рекомендация:
для монтажа используйте винт 4.8xL, DIN 7982.

SR / Tehničke informacije:
•Proizveden od legure cinka livenjem pod visokim pritiskom.
EN / Technical information:
•Manufactured of zinc alloy by die-casting.
RU / Технические информации:
•Изготовлен из сплава цинка и полиамида, методом литья под высоким давлением.



Preporuka:
za montažu koristiti zavrtanj 4.2xL, DIN 7982.
Recommendation:
for installation use screw 4.2xL, DIN 7982.
Рекомендация:
для монтажа используйте винт 4.2xL, DIN 7982.

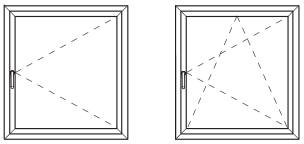
SR / Tehničke informacije:
•Proizveden od legure cinka livenjem pod visokim pritiskom.
EN / Technical information:
•Manufactured of zinc alloy by die-casting.
RU / Технические информации:
•Изготовлен из сплава цинка и полиамида, методом литья под высоким давлением.

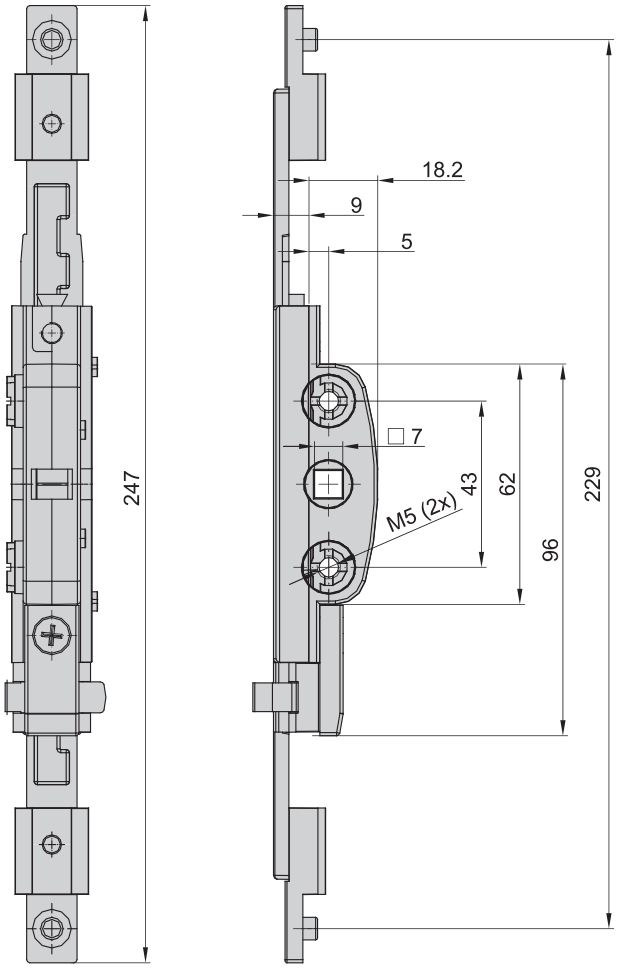


Zupčasta bravica

Gear mechanisam

Зубчатый управляющий механизм





SR / Tehničke informacije:

•Telo, klizna letva, elementi za vezu sa pogonskim letvama i umetak za kvadratni šip od pocinkovanog zamka.

•Opruge i pozicije mehanizma od čelika velike čvrstoće.

•Zavrtnjevi od nerđajućeg čelika.

EN / Technical information:

•Body, sliding bar, elements for connestion with driving bars and the insertfor square pin made of galvanized Zn alloy.

•Springs and mechanisms positrons are made of high strength steel.

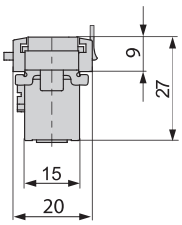
•Stainless-steel screws.

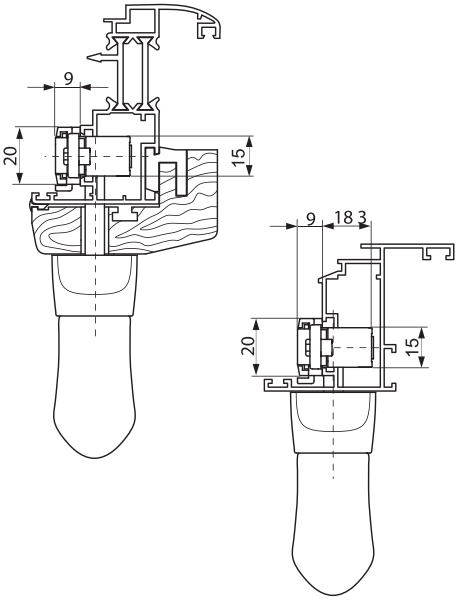
RU / Технические информации:

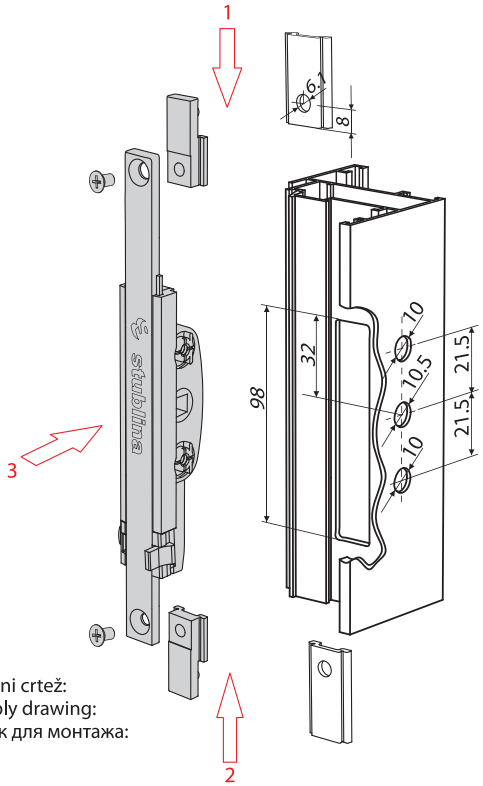
•Основа, скользящая тяга, прибор для крепления к соединительными тягам и вкладыш для штыря из оцинкованного ЦАМ-а.

•Пружины и детали механизма из стали высокой прочнои

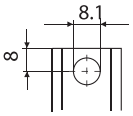
•Винты из нержавеющей стали.







Montažni crtež:
Assembly drawing:
Рисунок для монтажа:

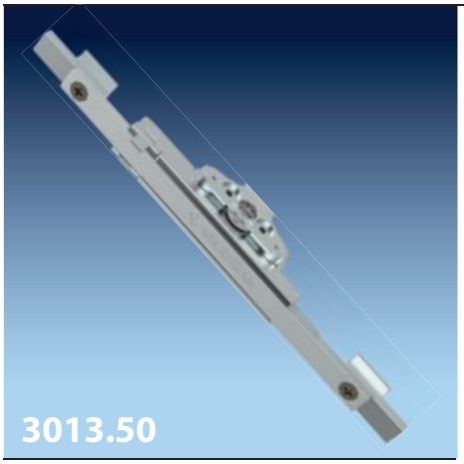


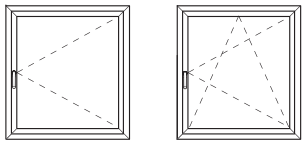
Ako se koriste adapteri na krajevima pogonskih letvi izbušiti otvore po dimenzijama prema detalju.
In case when the adapters are used, the holes are supposed to be drilled at the end of the sliding rods by dimensions acc. to the detail.
Для монтажа с адаптером, на краях соединительных тяг просверливаются отверстия ø8,1мм.

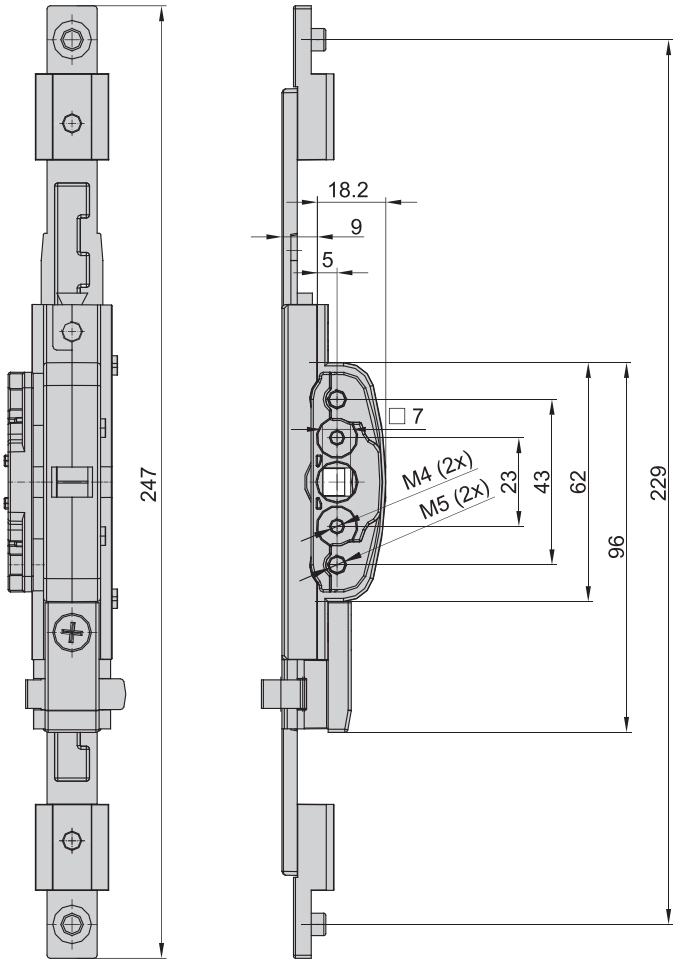
Zupčasta bravica

Gear mechanisam

Зубчатый управляющий механизм







SR / Tehničke informacije:

•Telo, klizna letva, elementi za vezu sa pogonskim letvama i umetak za kvadratni šip od pocinkovanog zamka.

•Opruge i pozicije mehanizma od čelika velike čvrstoće.

•Zavrtnjevi od nerđajućeg čelika.

EN / Technical information:

•Body, sliding bar, elements for connestion with driving bars and the insertfor square pin made of galvanized Zn alloy.

•Springs and mechanisms positrons are made of high strength steel.

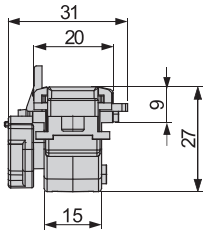
•Stainless-steel screws.

RU / Технические информации:

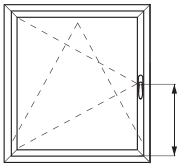
•Основа, скользящая тяга, прибор для крепления к соединительными тягам и вкладыш для штыря из оцинкованного ЦАМ-а.

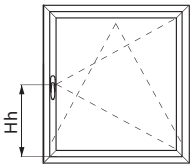
•Пружины и детали механизма из стали высокой прочнои

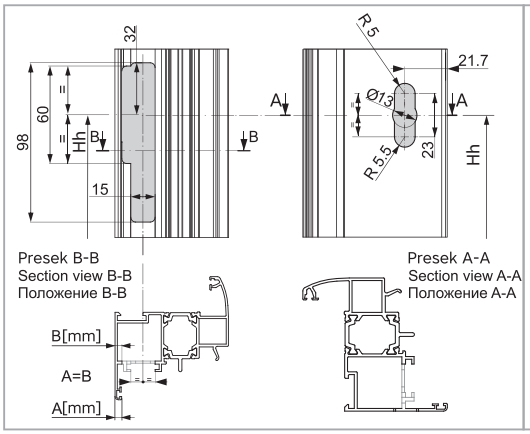
•Винты из нержавеющей стали.

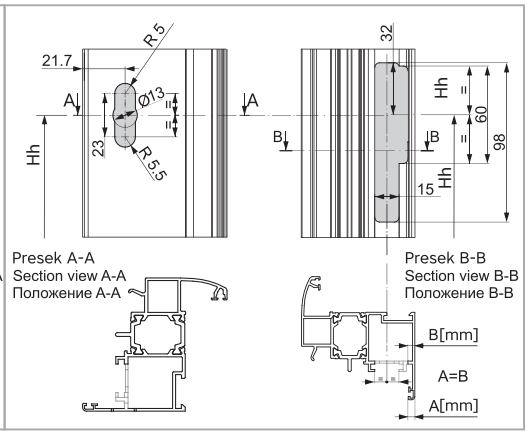


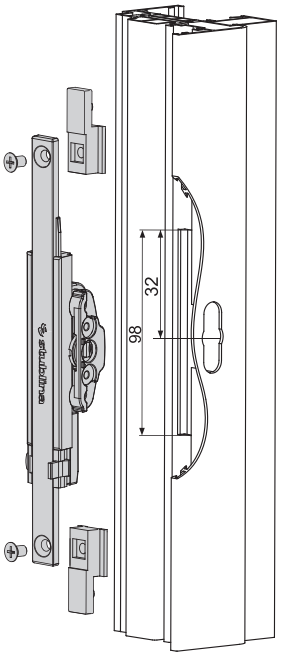
Montažni crtež:
Assembly drawing:
Рисунок для монтажа:

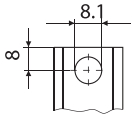












Ako se koriste adapteri na krajevima pogonskih letvi izbušiti otvore po dimenzijama prema detalju.
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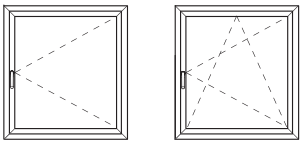
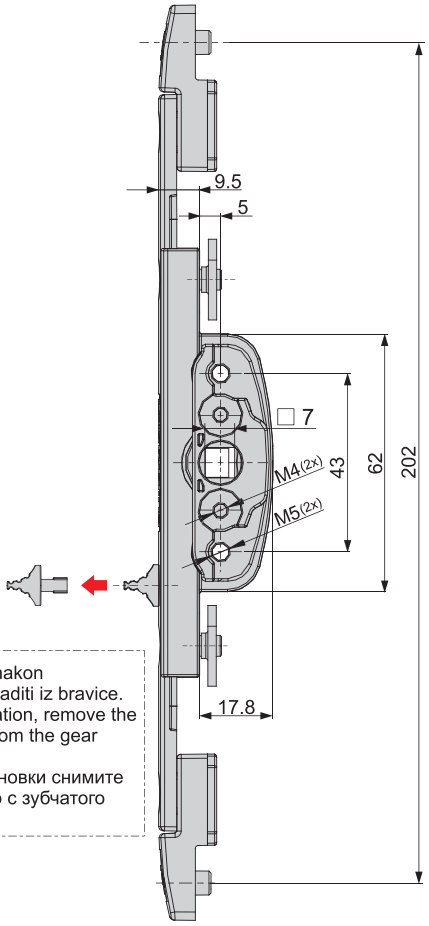
Zupčasta bravica

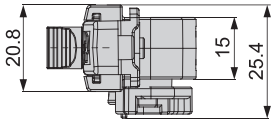
Gear mechanisam

Зубчатый управляющий механизм





Pozicioner nakon montaže izvaditi iz bravice.
After installation, remove the positioner from the gear mechanism.
После установки снимите позиционер с зубчатого механизма.



SR / Tehničke informacije:
- Telo, klizna letva, elementi za vezu sa pogonskim letvama i umetak za kvadratni šip od pocinkovanog zamka.
- Opruge i pozicije mehanizma od čelika velike čvrstoće.
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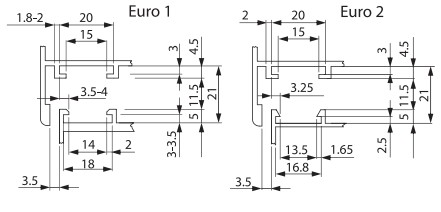
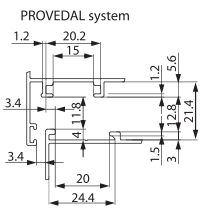
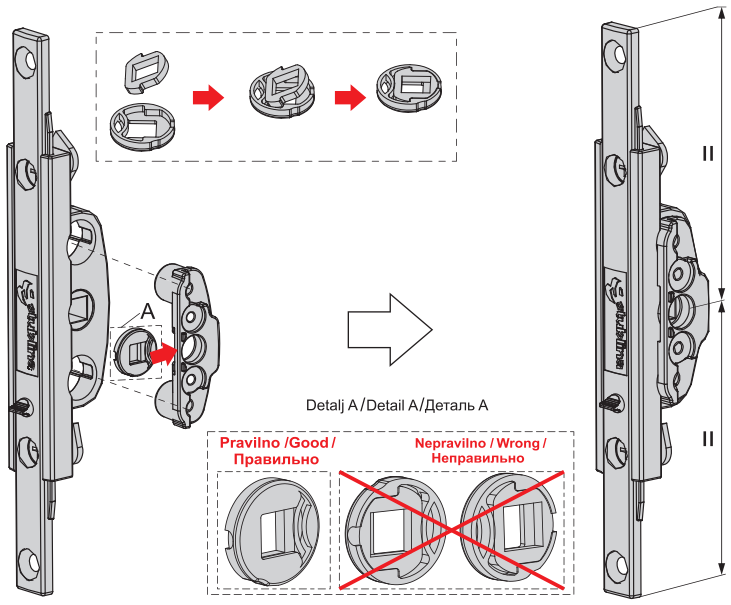
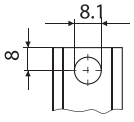
RU / Технические информации:
- Основа, скользящая тяга, прибор для крепления к соединительными тягам и вкладыш для штыря из оцинкованного ЦАМ-а.
- Пружины и детали механизма из стали высокой прочнои
- Винты из нержавеющей стали.







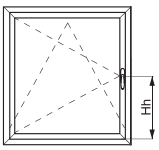


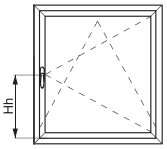
Ako se koriste adapteri na krajevima pogonskih letvi izbušiti otvore po dimenzijama prema detalju.
In case when the adapters are used, the holes are supposed to be drilled at the end of the sliding rods by dimensions acc. to the detail.
Для монтажа с адаптером, на краях соединительных тяг просверливаются отверстия ø8,1мм.

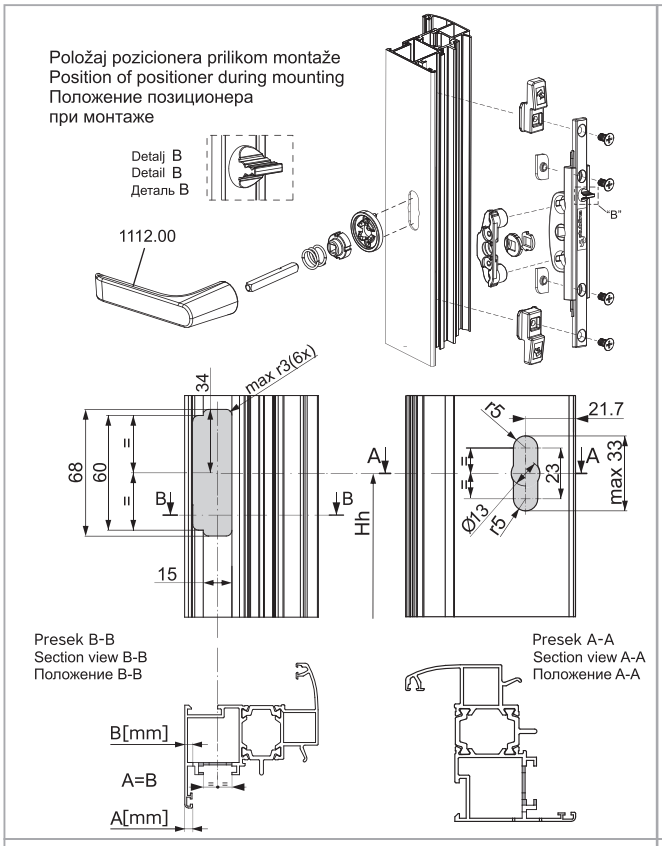
Zupčasta bravica

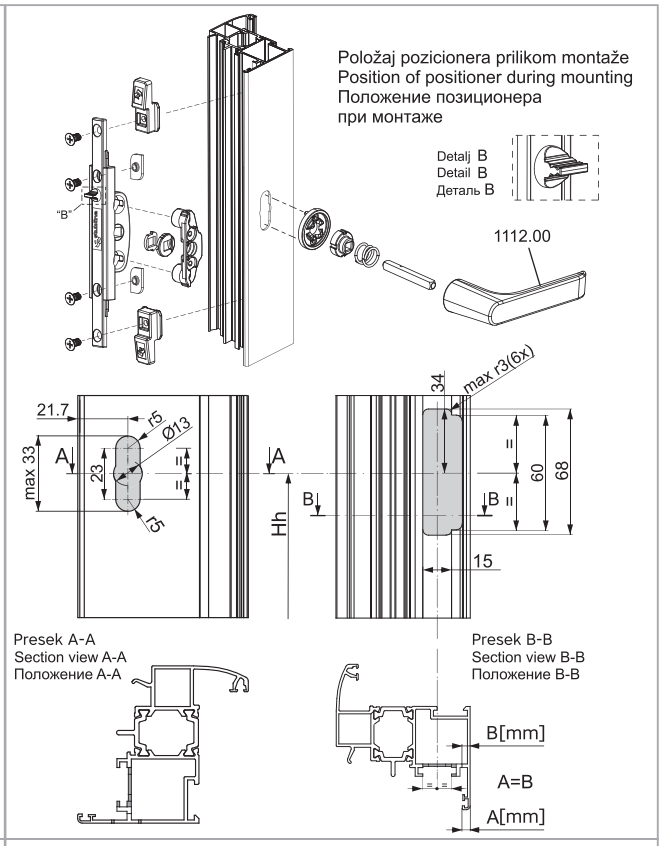
Gear mechanisam

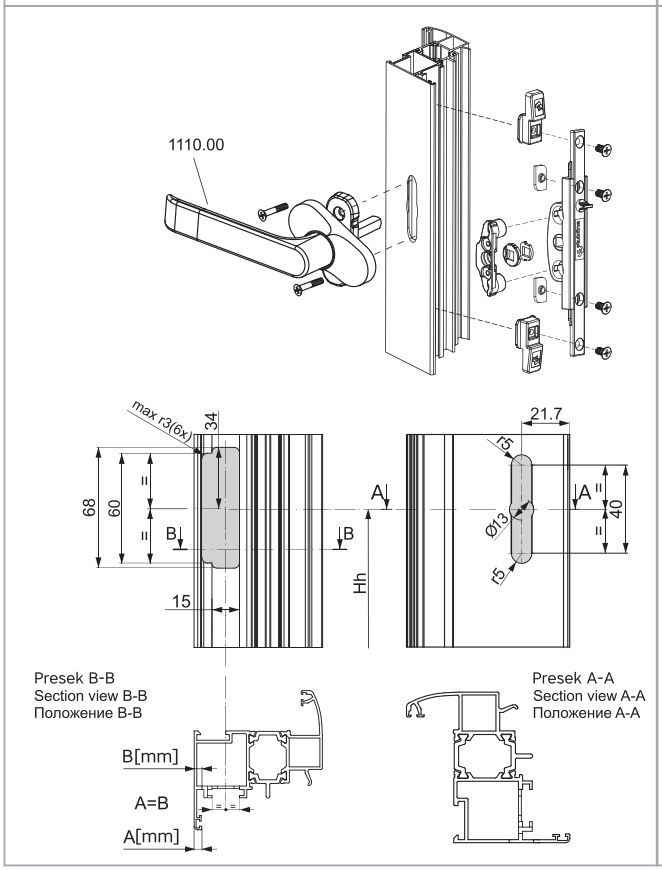
Зубчатый управляющий механизм

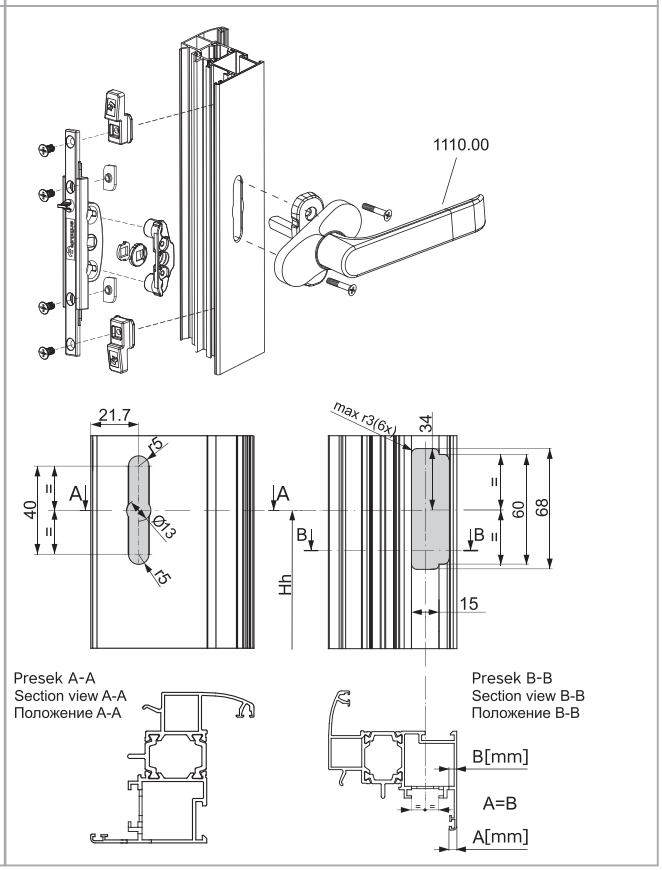






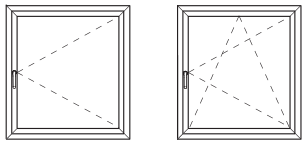


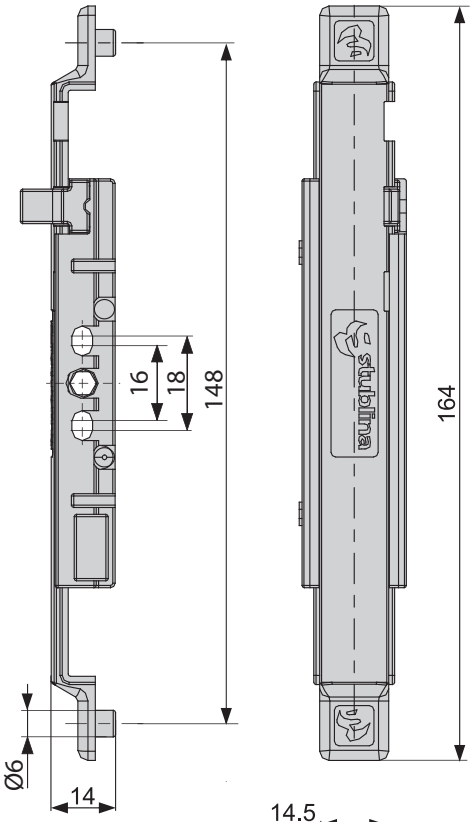




Napomena: Pozicioner nakon montaže izvaditi iz bravice.
Note: After installation, remove the positioner from the gear mechanism.
Примечание: После установки снимите позиционер с зубчатого механизма.

Zupčasta bravica
Gear mechanism
Зубчатый управляющий механизм

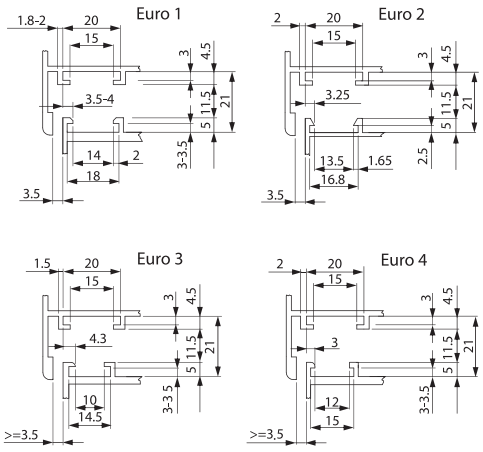


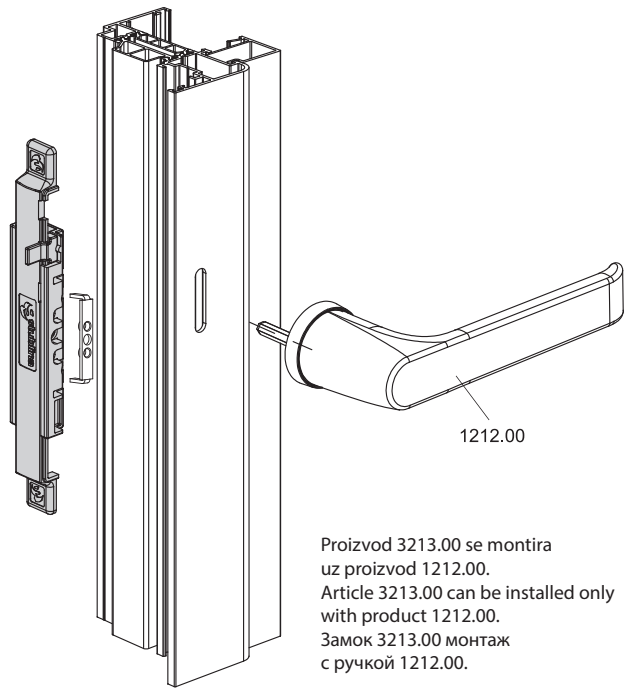


SR / Tehničke informacije:
•Proizvedena od legure cinka livenjem pod visokim pritiskom.
•Zavrtnjevi od nerđajućeg čelika.

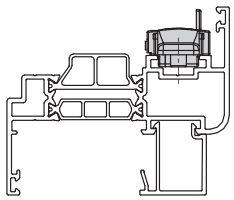
EN / Technical information:
•Made of zinc alloy by die-casting.
•Stainless-steel screws.

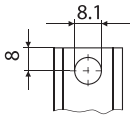
RU / Технические информации:
•Изготовлена из сплавов цинка методом литья под высоким давлением.
•Винты из нержавеющей стали.





Proizvod 3213.00 se montira uz proizvod 1212.00.
Article 3213.00 can be installed only with product 1212.00.
Замок 3213.00 монтаж с ручкой 1212.00.





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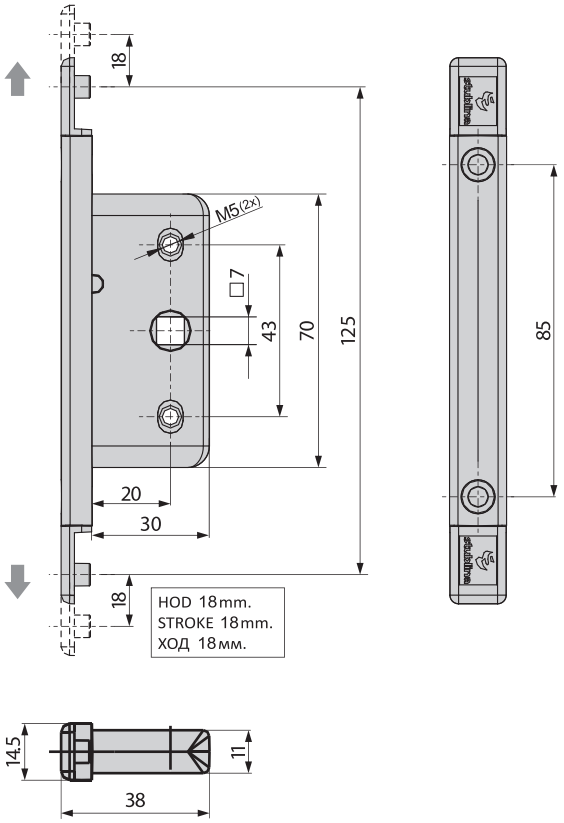
Для монтажа с адаптером, на краях соединительных тяг просверливаются отверстия ø8,1мм.

Zupčasta bravica
Gear mechanisam
Зубчатый управляющий механизм

Tehničke informacije:
Proizvedena od
legure cinka livenjem pod visokim pritiskom.
Plastični delovi su od poliacetala.

Technical information:
Made of zinc alloy by die-casting.
Plastic parts are made of polyacetal.

Техническая информация:
Изготовлена из цинка
методом литья под высоким давлением.
Отдельные детали из полиацетали.



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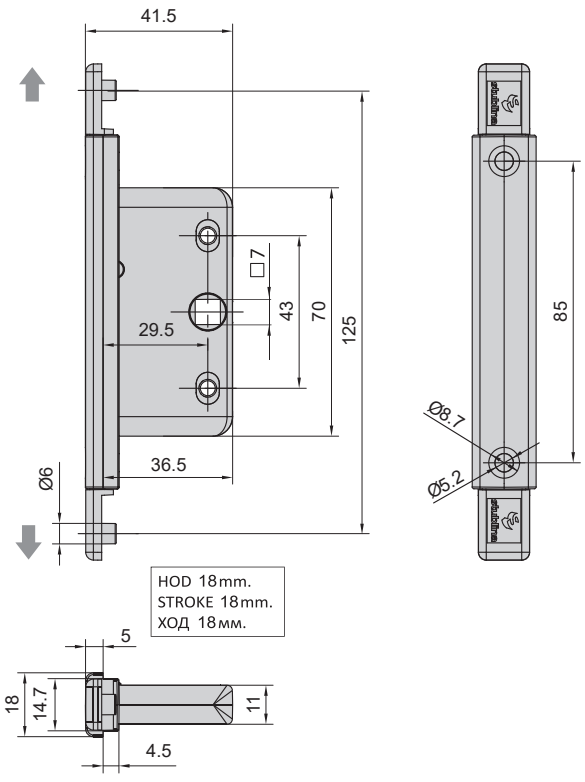
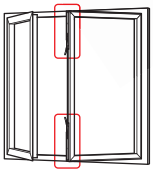
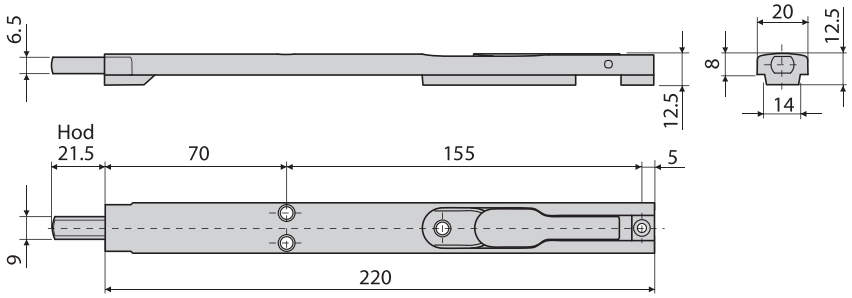


Zasuni
Latches
Шпингалеты

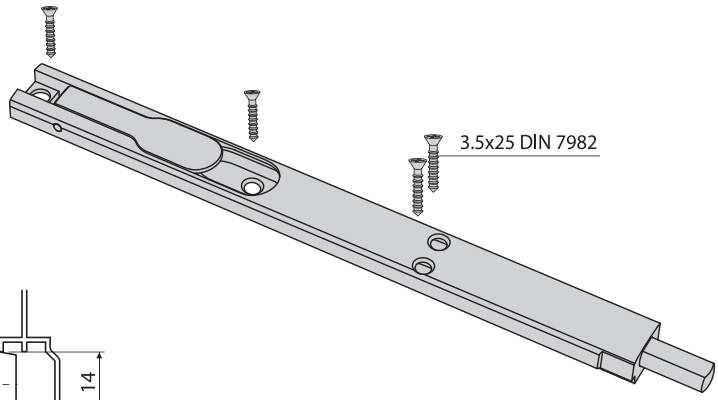


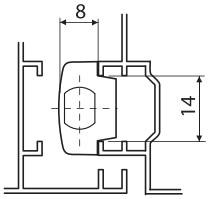


SR / Tehničke informacije:
•Proizvedeno od legure cinka livenjem pod visokim pritiskom,
•Opruge od čelika velike čvrstoće,
•Šip od pocinkovanog čelika,
•Završna obrada, praškasta i tečna prevlaka.

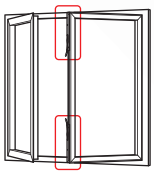
EN / Technical information:
•The body of a latch made of zinc alloy by die-casting,
•High-strength steel springs,
•Pin bolt made of zink plated steel,
•Surface protection powder coating and liquid painting.

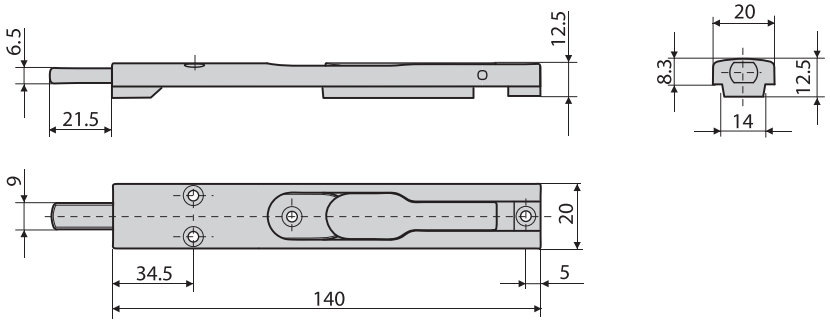
RU / Техническая информация:
•Изготовлена из сплвов цинка методом литья под высоким давлением,
•Пружина из высокопрочной стали,
•Штыря из оциннкованой стали,
•Окончательная обработка, порошковая и жидкая краска.





Euro žljeb





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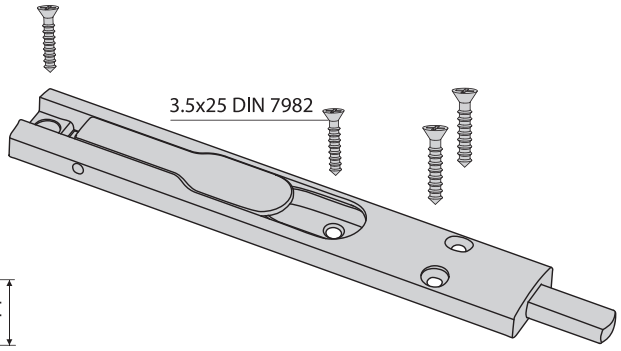
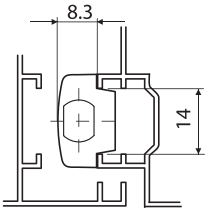
•Opruge od čelika velike čvrstoće,
•Šip od pocinkovanog čelika,
•Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:
•The body of a latch made of zinc alloy by die-casting,
•High-strength steel springs,
•Pin bolt made of zink plated steel,
•Surface protection powder coating and liquid painting.

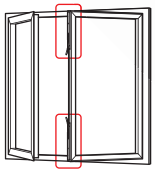
RU / Техническая информация:
•Изготовлена из сплвов цинка методом литья под высоким давлением,
•Пружина из высокопрочной стали,
•Штыря из оциннкованой стали,
•Окончательная обработка, порошковая и жидкая краска.

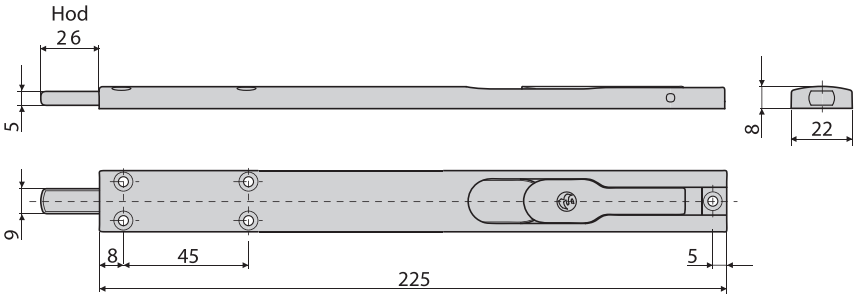




Euro žljeb

Zasuni
Latches
Шпингалеты





SR / Tehničke informacije:
•Proizvedeno od legure cinka livenjem pod visokim pritiskom,
•Opruge od čelika velike čvrstoće,
•Šip od pocinkovanog čelika,
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EN / Technical information:
•The body of a latch made of zinc alloy by die-casting,
•High-strength steel springs,
•Pin bolt made of zink plated steel,
•Surface protection powder coating and liquid painting.

RU / Техническая информация:
•Изготовлена из сплвов цинка методом литья под высоким давлением,
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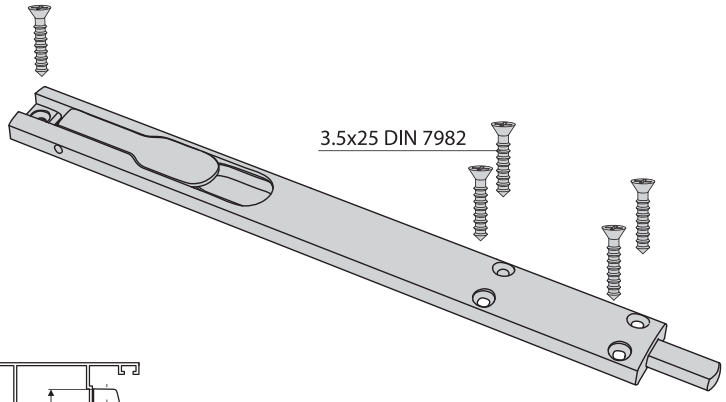
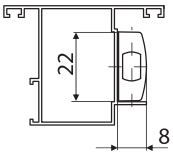
•Штыря из оциннкованой стали,
•Окончательная обработка, порошковая и жидкая краска.





Artikal	A (mm)	H (mm)	L (mm)
3007.00	115	19.5	225
3010.00	30	19.5	140
3011.00	224	19.5	354

SR / Tehničke informacije:
•Proizvedeno od legure cinka livenjem pod visokim pritiskom,
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•Šip od pocinkovanog čelika,
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EN / Technical information:
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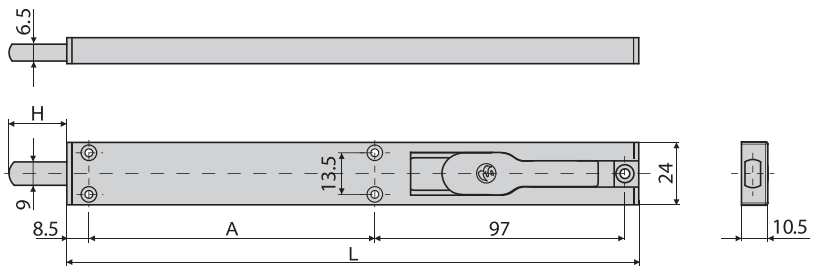
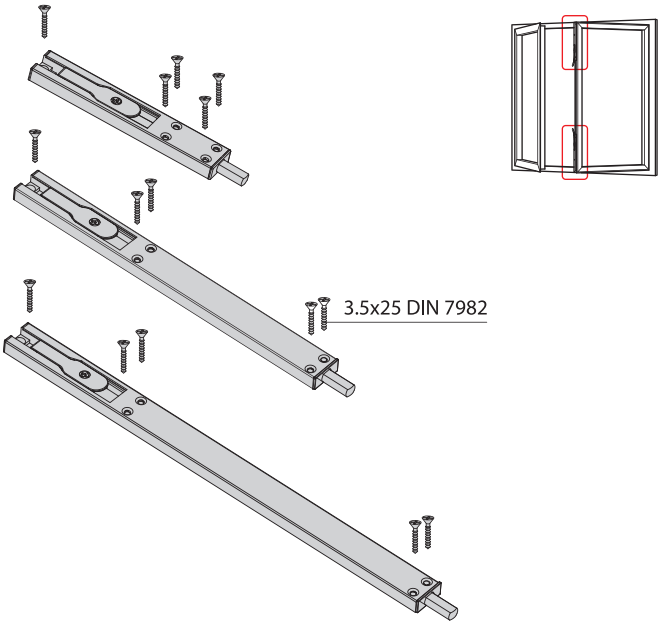
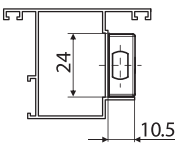
RU / Техническая информация:
•Изготовлена из сплвов цинка методом литья под высоким давлением,
•Пружина из высокопрочной стали,
•Штыря из оциннкованой стали,
•Окончательная обработка, порошковая и жидкая краска.

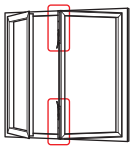


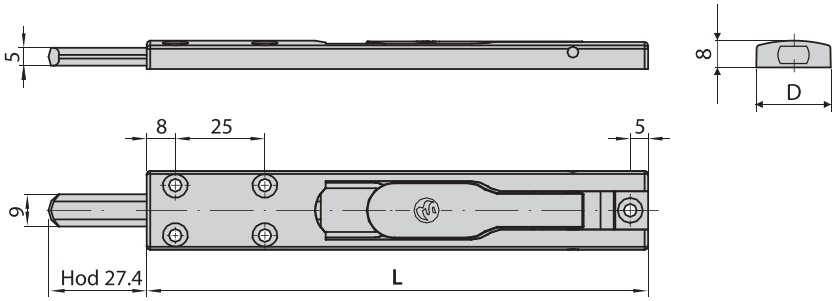


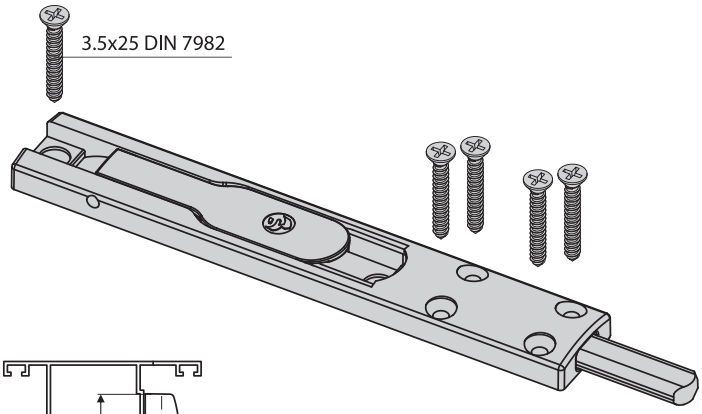


Zasuni
Latches
Шпингалеты

Artikal	L (mm)	D (mm)
3062.00	140	24
3063.00	140	22



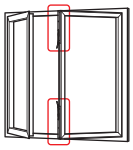


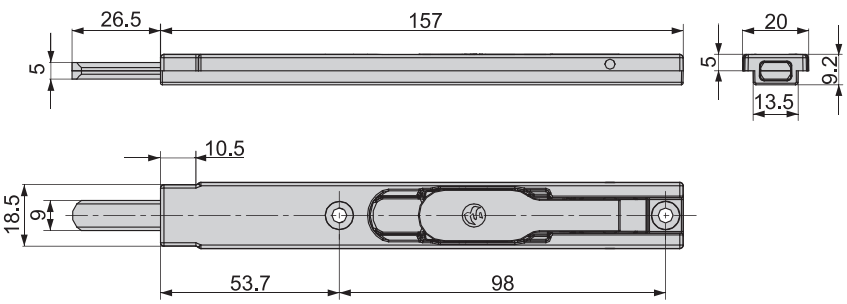


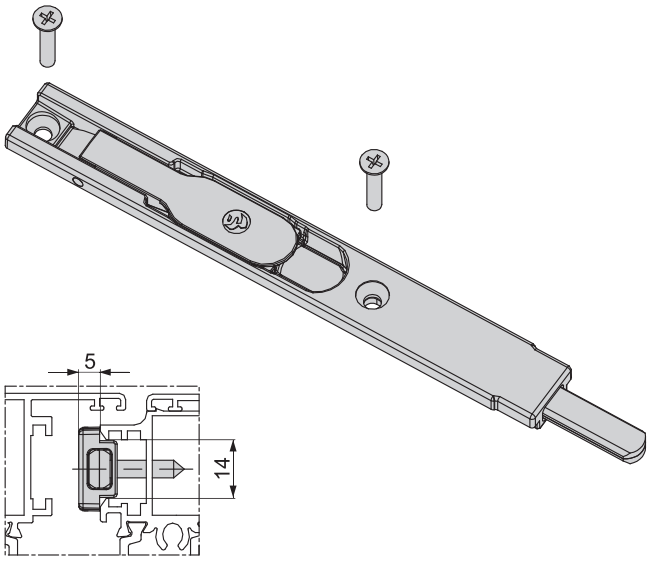
SR / Tehničke informacije:
•Proizvedeno od legure cinka livenjem pod visokim pritiskom,
•Opruge od čelika velike čvrstoće,
•Šip od pocinkovanog čelika,
•Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:
•The body of a latch made of zinc alloy by die-casting,
•High-strength steel springs,
•Pin bolt made of zink plated steel,
•Surface protection powder coating and liquid painting.

RU / Техническая информация:
•Изготовлена из сплвов цинка методом литья под высоким давлением,
•Пружина из высокопрочной стали,
•Штыря из оциннкованой стали,
•Окончательная обработка, порошковая и жидкая краска.







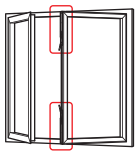
SR / Tehničke informacije:
•Proizvedeno od legure cinka livenjem pod visokim pritiskom,
•Opruge od čelika velike čvrstoće,
•Šip od niklovanog čelika,
•Osovinice, poluge i vijci od nerđajućeg čelika.
•Završna obrada, praškasta i tečna prevlaka.

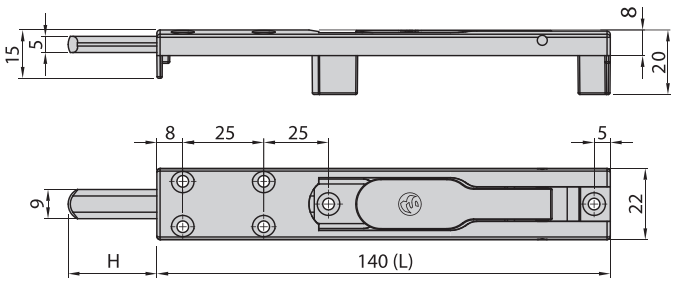
EN / Technical information:
•The body of a latch made of zinc alloy by die-casting,
•High-strength steel springs,
•Pin bolt made of nickel steel,
•Pins, levers and screws made of stainless steel.
•Surface protection powder coating and liquid painting.

RU / Техническая информация:
•Изготовлена из сплвов цинка методом литья под высоким давлением,
•Пружина из высокопрочной стали,
•Штыря из никелированной стали,
•Оси, рычаги и винты из нержавеющей стали.
•Окончательная обработка, порошковая и жидкая краска.

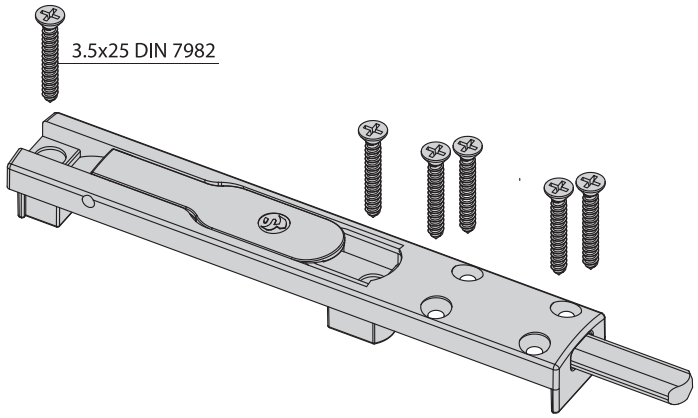
Zasuni
Latches
Шпингалеты

Artikal	H (mm)
3064.00	26.5
3064.10	21.5





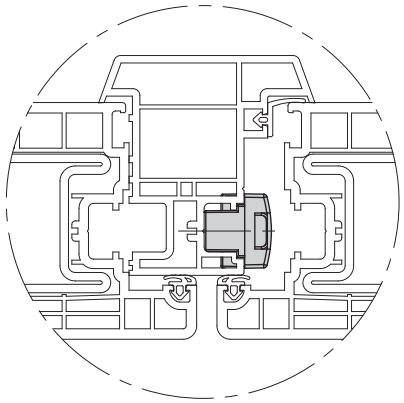
PVC
PVC
ПВХ



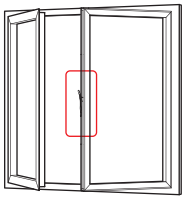
SR / Tehničke informacije:
•Proizvedeno od legure cinka livenjem pod visokim pritiskom,
•Opruge od čelika velike čvrstoće,
•Šip od pocinkovanog čelika,
•Završna obrada, praškasta i tečna prevlaka.

EN / Technical information:
•The body of a latch made of zinc alloy by die-casting,
•High-strength steel springs,
•Pin bolt made of zink plated steel,
•Surface protection powder coating and liquid painting.

RU / Техническая информация:
•Изготовлена из сплвов цинка методом литья под высоким давлением,
•Пружина из высокопрочной стали,
•Штыря из оциннкованой стали,
•Окончательная обработка, порошковая и жидкая краска.



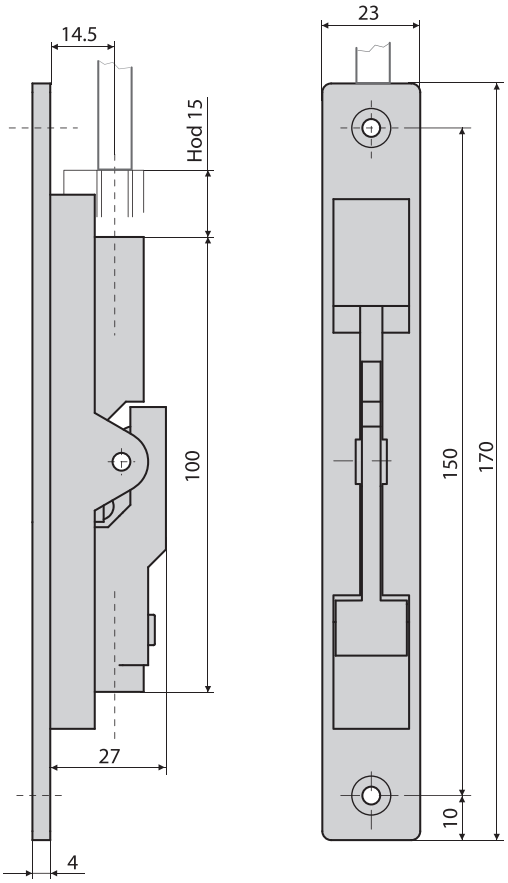
Zasuni
Latches
Шпингалеты

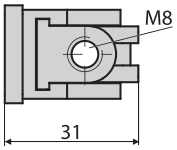


SR / Tehničke informacije:
•Proizvedeno od legure cinka livenjem pod visokim pritiskom,
•Odstojnik od PVC-a,
•Završna obrada, praškasta i tečna prevlaka.

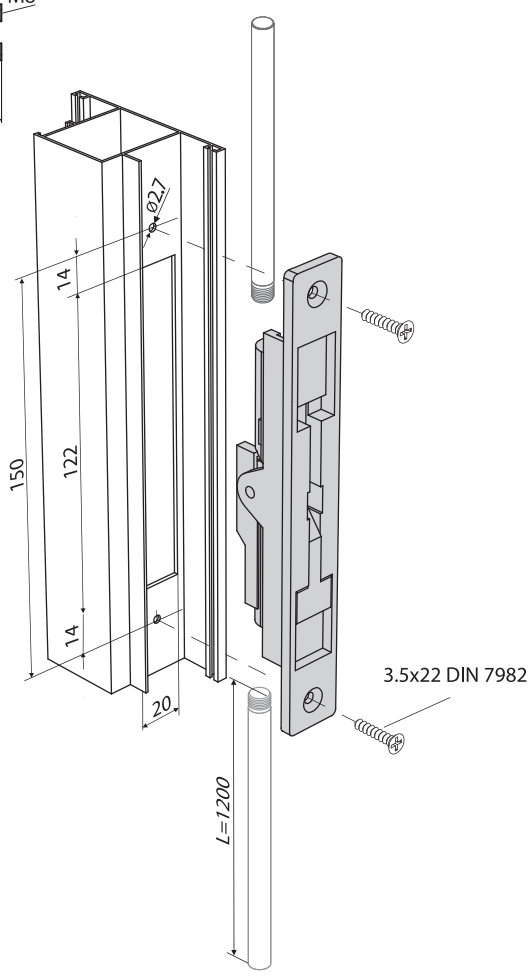
EN / Technical information:
•The body made of zinc alloy by die-casting,
•Distance-piece spacer made of PVC,
•Surface protection powder coating and liquid painting.

RU / Техническая информация:
•Изготовлена из сплвов цинка методом литья под высоким давлением,
•Подложка из ПВХ,
•Окончательная обработка, порошковая и жидкая краска.





Montažni crtež:
Assembly drawing
Установка:



Prihvatnik zasuna

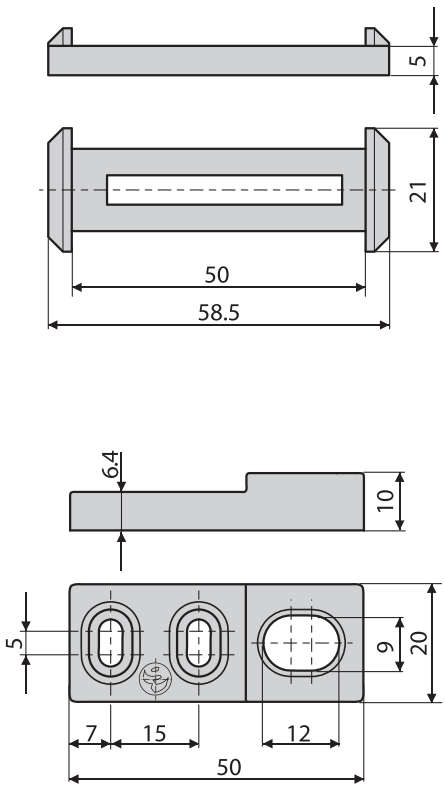
Latches acceptors

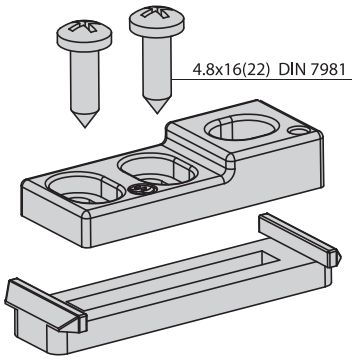
Запорная планка

SR / Tehničke informacije:
•Proizvedeno od legure cinka livenjem pod visokim pritiskom,
•Odstojnik od PVC-a,
•Zavrtnji od pocinkovanog čelika

EN / Technical information:
•The body made of zinc alloy by die-casting,
•Distance-piece spacer made of PVC,
•Galvanized steel screws.

RU / Техническая информация:
•Изготовлена из сплвов цинка методом литья под высоким давлением,
•Подложка из ПВХ,
•Винты из оцинкованой стали.





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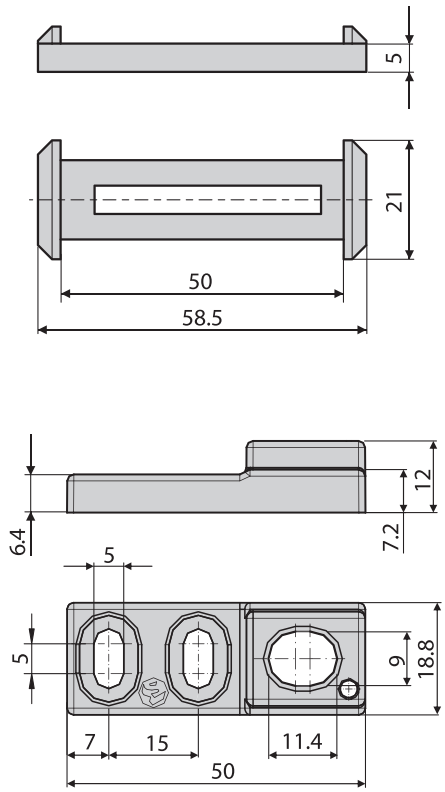

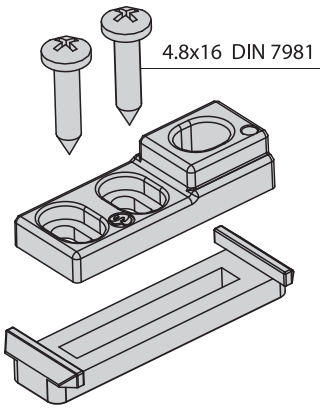

Prihvatnik zasuna

Latches acceptors

Запорная планка

SR / Tehničke informacije:
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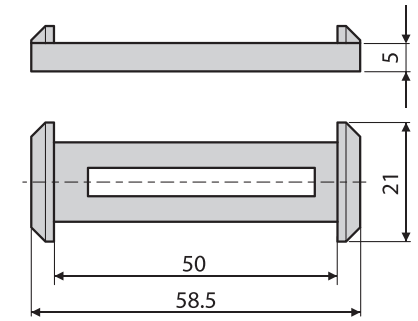

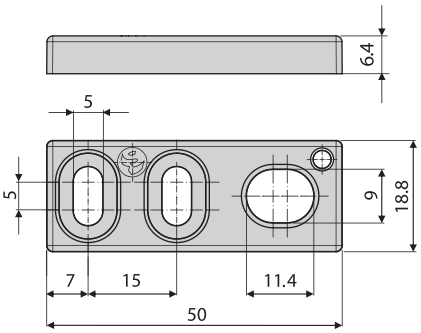

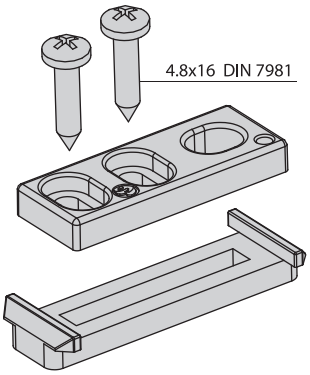

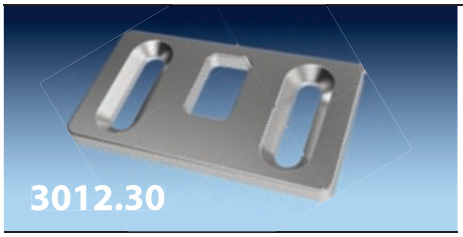

SR / Tehničke informacije:
•Proizvedeno od legure cinka livenjem pod visokim pritiskom.

EN / Technical information:
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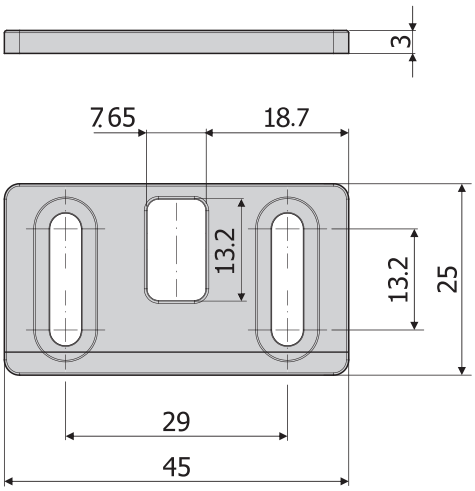
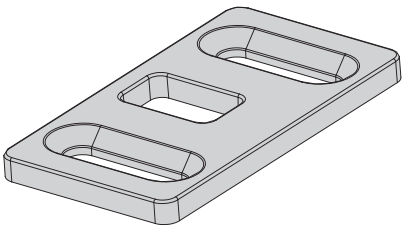
RU / Техническая информация:
•Изготовлена из сплвов цинка методом литья под высоким давлением.





Prihvatnik zasuna

Latches acceptors

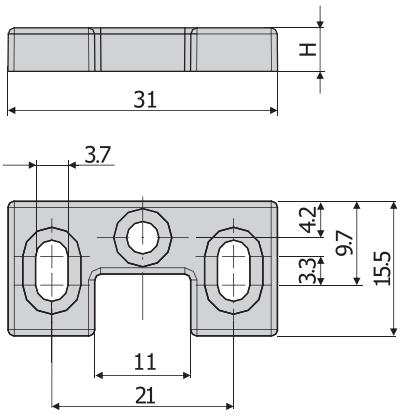
Запорная планка

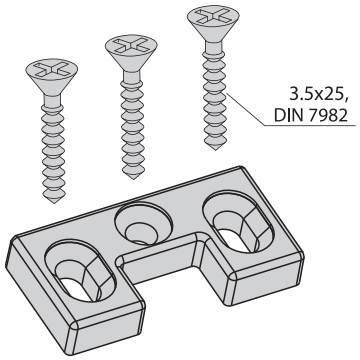
Artikal	H (mm)
3014.00	10
3014.10	5
3014.20	3

SR / Tehničke informacije:
•Proizvedeno od legure cinka livenjem pod visokim pritiskom,
•Zavrtnji od pocinkovanog čelika

EN / Technical information:
•The body made of zinc alloy by die-casting,
•Galvanized steel screws.

RU / Техническая информация:
•Изготовлена из сплвов цинка методом литья под высоким давлением,
•Винты из оциннкованой стали.

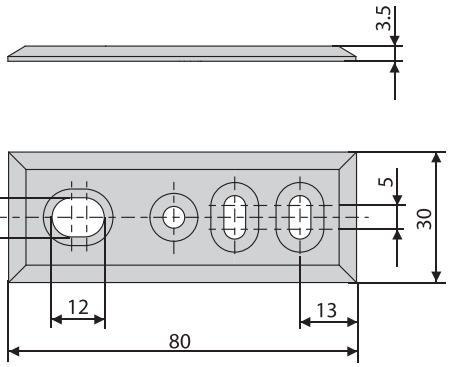


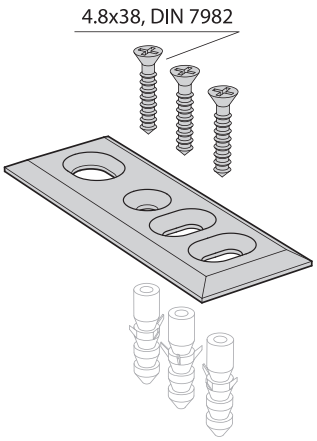


SR / Tehničke informacije:
•Proizvedeno od legure cinka livenjem pod visokim pritiskom,
•Zavrtnji od pocinkovanog čelika

EN / Technical information:
•The body made of zinc alloy by die-casting,
•Galvanized steel screws.

RU / Техническая информация:
•Изготовлена из сплвов цинка методом литья под высоким давлением,
•Винты из оциннкованой стали.

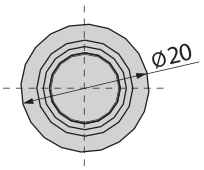


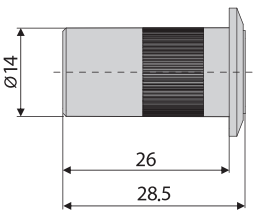


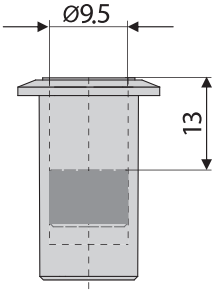
SR / Tehničke informacije:
•Prihvatnik od nerđajućeg čelika,

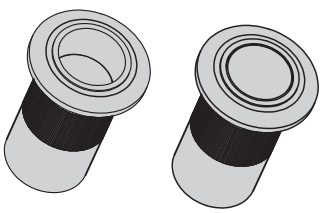
EN / Technical information:
•Acceptance made of stainless steel,

RU / Технические информации:
•Изготовлена из нержавеющей стали.





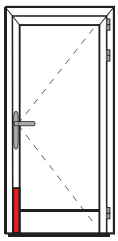


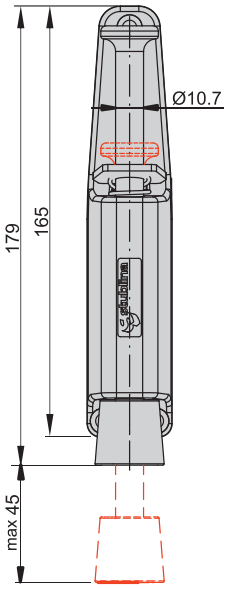


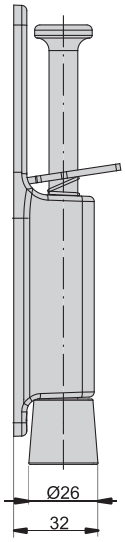
Stoper za vrata

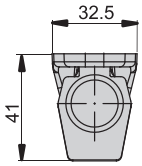
Door stopper

Держатель двери





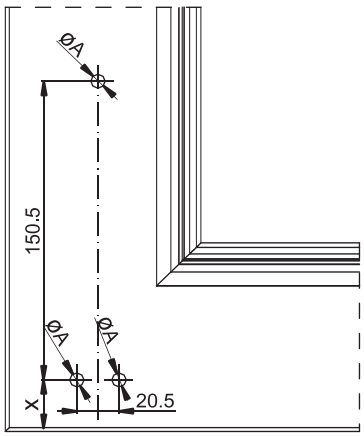


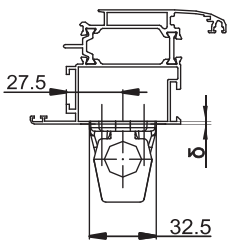


Tehničke informacije:
Telo stopera je proizvedeno od aluminijumskih legura livenjem pod visokim pritiskom.
Ostali delovi su od nerđajućeg čelika, pocinkovanog čelika i gume.

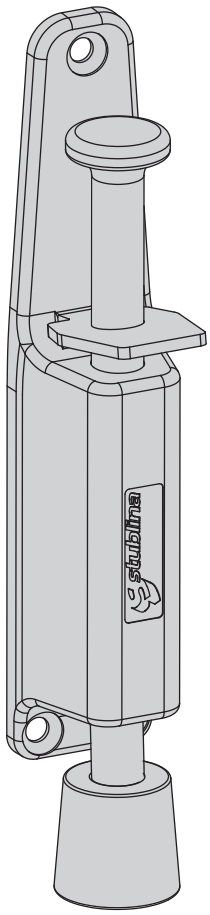
Technical information:
The body of the door stopper is made of aluminium alloys by die casting.Other parts are made of stainless steel, zinc-plated steel and rubber.

Техническая информация:
Корпус держателя двери изготовлен из сплавов алюминия методом литья под высоким давлением.Остальные части из нержавеющей стали, оцинкованной стали и из резины.





X-Montažna mera
(preporuka 26mm)
X-Installation measure
(recommendation 26mm)
X-Монтажные размеры
(рекомендовано-26 мм)



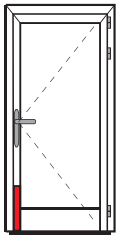
M5x14 DIN 965	4.8x16 DIN 7982
Rif nitna Ø7	ØA

Debljina zida profila δ [mm]		Precnik otvora øA [mm]
3	4	3.9
4	4.75	4
4.75	10	4.2

Stoper za vrata

Door stopper

Держатель двери



Tehničke informacije:
Telo stopera je proizvedeno od aluminijumskih legura livenjem pod visokim pritiskom.
Ostali delovi su od nerđajućeg čelika, pocinkovanog čelika i gume.

Technical information:
The body of the door stopper is made of aluminium alloys by die casting.Other parts are made of stainless steel, zinc-plated steel and rubber.

Техническая информация:
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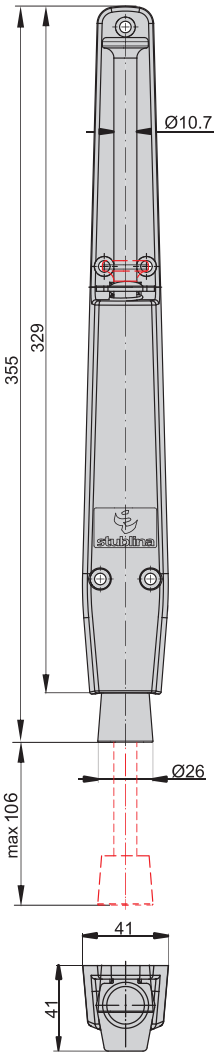
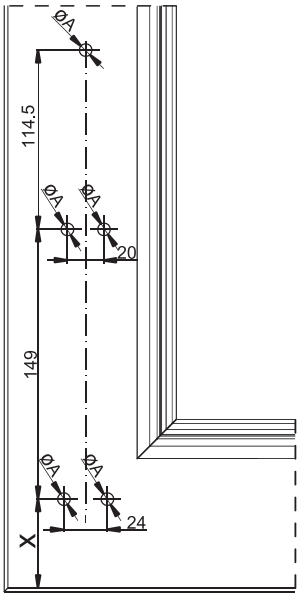
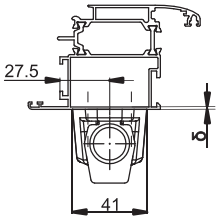
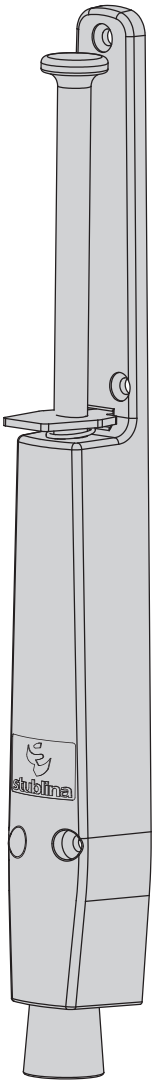
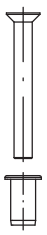






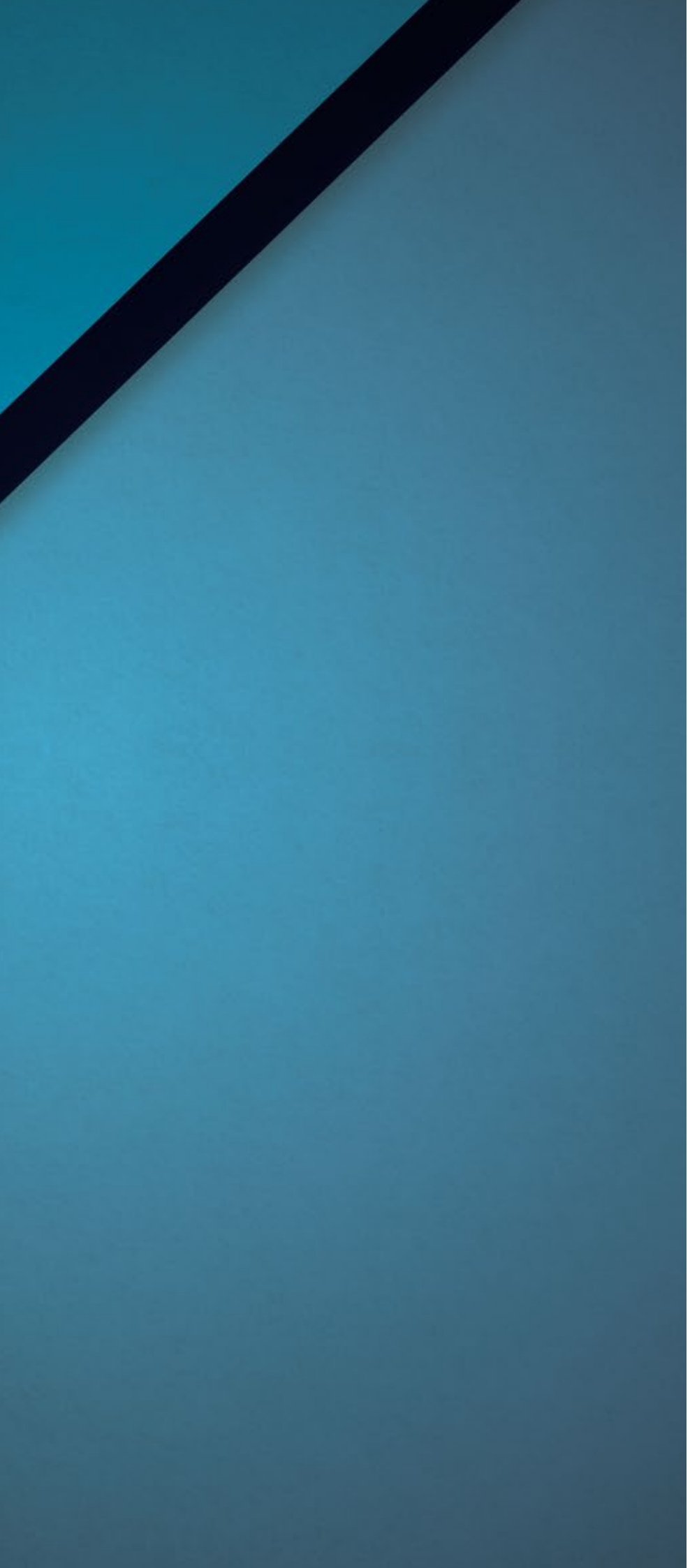
X-Montažna mera
(preporuka 83mm)
X-Installation measure
(recommendation 83mm)
X-Монтажные размеры
(рекомендовано-83 мм)



M5x14 DIN 965	M5x40 DIN 965
	
Rif nitna Ø7	Rif nitna Ø7

ØA	
4.8x16 DIN 7982	4.8x40 DIN 7982

Debljina zida profila δ [mm]		Precnik otvora øA [mm]
3	4	3.9
4	4.75	4
4.75	10	4.2



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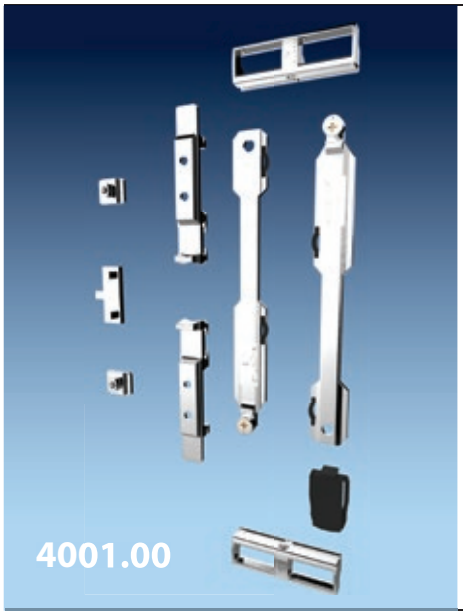
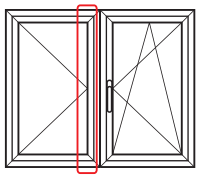
Garnitura za fiksiranje krila prozora sa euro žljebom

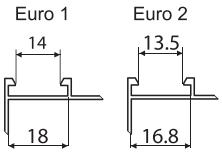
Set for fixing additional sash (euro-groove profile sections)

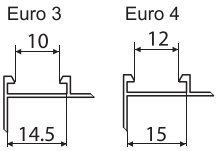
Гарнитура для штульповой створки с евро-пазом

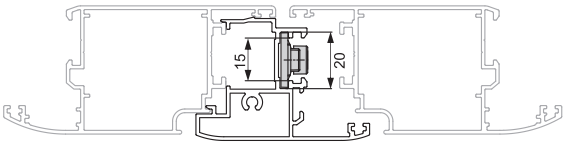


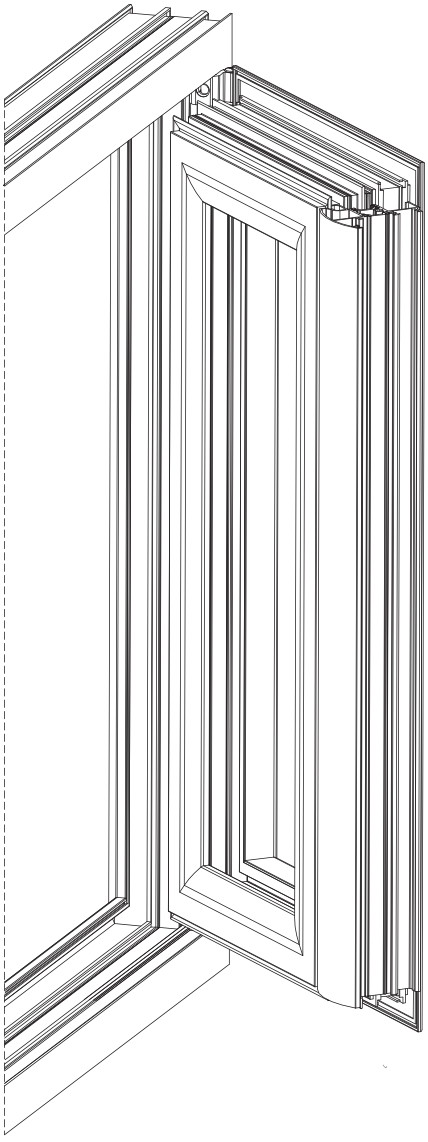
Primena:
Za sisteme aluminijumskih prozora i vrata
sa standardnim euro žljebom za smeštaj okova.
Application:
For window and door aluminium systems
with a standard euro-groove for hardware installation.
Применение:
Для фиксирования поворотной створки
из алюминиевого профиля с евро-пазом.











4001.04
Prihvatnik zabravljivača
Rod check plate
Запорная планка

4001.01
Zabravljivač
Bolt
Ригель

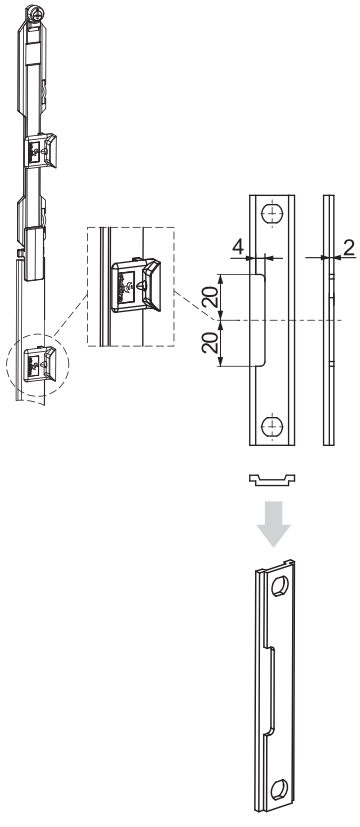
4001.02
Pokretač zabravljivača
Push bolt
Ручка ригеля

4001.05
Nastavak
Extension
Расширение

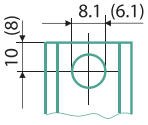
po potrebi /optionally/по выбору

4001.03
Klizač
Sliding part
Ограничитель хода

4010.07
PVC držač krila
PVC sash holder
Держатель створки
из полиамида



Ako se koriste adapteri na krajevima pogonskih letvi
izbušiti otvore po dimenzijama prema detalju:
In case when the adapters are used, the holes are supposed
to be drilled at the end of the sliding rods
by dimensions acc. to the detail:
Для монтажа с адаптером, на краях соединительных
тяг просверливаются отверстия Ø8.1:



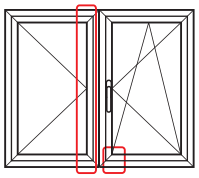
Kupac se opredeljuje za jednu od Stublina spojnica za okretno otvaranje krila:
The customer opts for one of hinges for turn opening the sash:
Заказчик выбирает одну из петель для поворотное открывание створки:
2001.00, 2002.00, 2003.00, 2011.00, 2012.00, 2022.00, 2013.00, 2027.00.

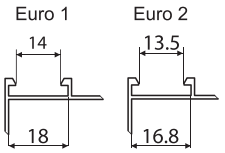
Garnitura za fiksiranje krila prozora sa euro žljebom

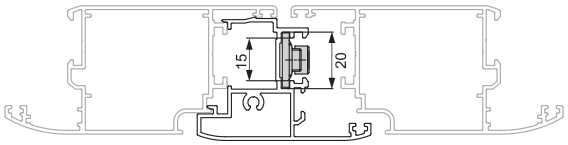
Set for fixing additional sash (euro-groove profile sections)

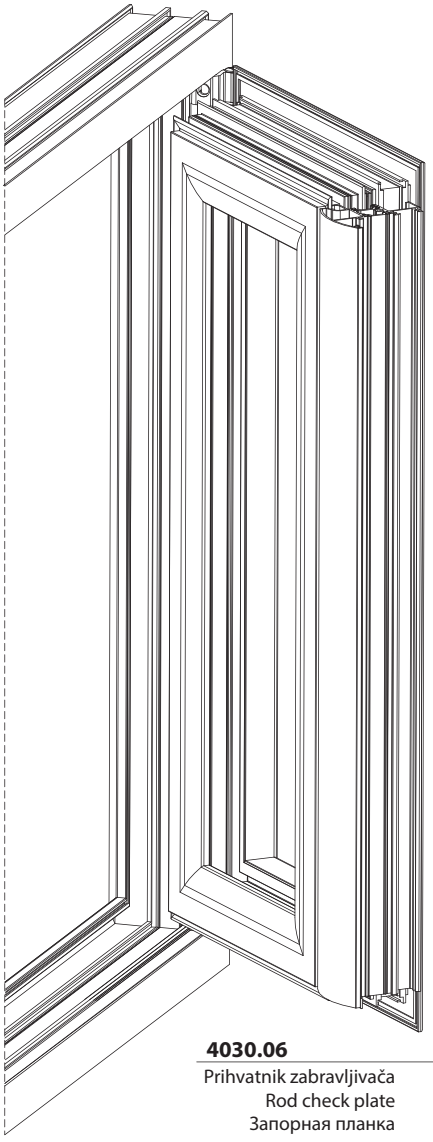
Гарнитура для штульповой створки с евро-пазом

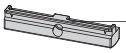
Primena:
Za sisteme aluminijumskih prozora i vrata
sa standardnim euro žljebom za smeštaj okova.
Application:
For window and door aluminium systems
with a standard euro-groove for hardware installation.
Применение:
Для фиксирования поворотной створки
из алюминиевого профиля с евро-пазом.



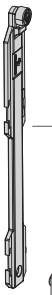




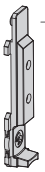




4001.04
Prihvatnik zabravljivača
Rod check plate
Запорная планка



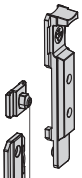
4001.01
Zabravljivač
Bolt
Ригель



4001.02
Pokretač zabravljivača
Push bolt
Ручка ригеля

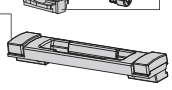
po potrebi /optionally/по выбору

4001.05
Nastavak
Extension
Расширение

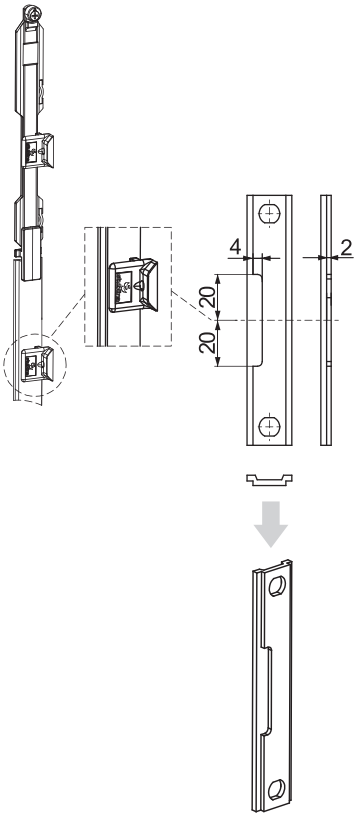


4001.03
Klizač
Sliding part
Ограничитель хода

4010.07
PVC držač krila
PVC sash holder
Держатель створки
из полиамида



4030.06
Prihvatnik zabravljivača
Rod check plate
Запорная планка



Ako se koriste adapteri na krajevima pogonskih letvi
izbušiti otvore po dimenzijama prema detalju:
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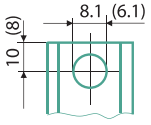
to be drilled at the end of the sliding rods
by dimensions acc. to the detail:
Для монтажа с адаптером, на краях соединительных
тяг просверливаются отверстия Ø8.1:



Kupac se opredeljuje za jednu od Stublina spojnica za okretno otvaranje krila:
The customer opts for one of hinges for turn opening the sash:
Заказчик выбирает одну из петель для поворотное открывание створки:
2001.00, 2002.00, 2003.00, 2011.00, 2012.00, 2022.00, 2013.00, 2027.00.

Garnitura za fiksiranje krila prozora sa euro žljebom

Set for fixing additional sash (euro-groove profile sections)

Гарнитура для штульповой створки с евро-пазом

Primena:
Za sisteme aluminijumskih prozora i vrata
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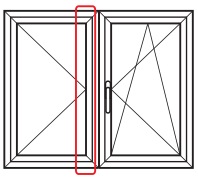
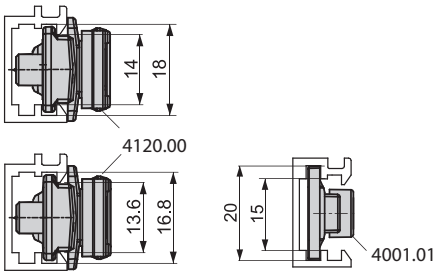
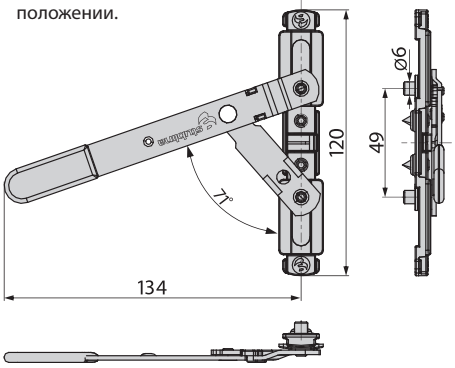
Application:
For window and door aluminium systems
with a standard euro-groove for hardware installation.
Применение:
Для фиксирования поворотной створки
из алюминиевого профиля с евро-пазом.

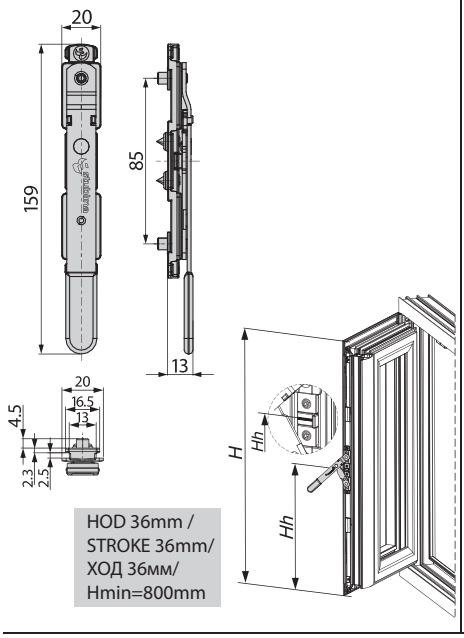




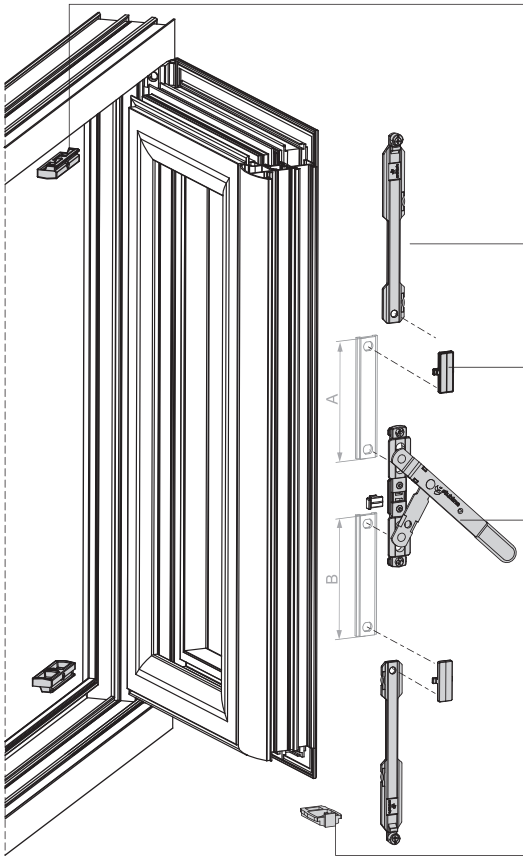
Bravica pomoćnog krila u otvorenom položaju.
Lock for double sash in opened position.
Вспомогательный замок створки в открытом положении.



Bravica pomoćnog krila u zatvorenom položaju
Lock for double sash in closed position
Вспомогательный замок створки в закрытом положении.



HOD 36mm /
STROKE 36mm/
ХОД 36мм/
Hmin=800mm



4001.04
Prihvatnik zabravljivača
Rod check plate
Запорная планка

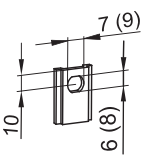
4001.01
Zabravljivač
Bolt
Ригель

4001.05
Nastavak
Extension
Расширение

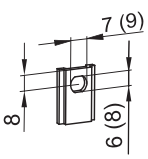
4102.00
Bravica pomoćnog krila
Lock for double sash
Вспомогательный
замок створки

4010.07
PVC držač krila
PVC sash holder
Держатель створки
из полиамида

A=H-Hh-207
B=Hh-207



A=H-Hh-211
B=Hh-211



Ako se koriste adapteri na krajevima pogonskih letvi izbušiti otvore po dimenzijama prema detalju:
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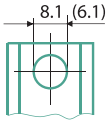
Для монтажа с адаптером, на краях соединительных тяг просверливаются отверстия Ø8.1:



Kupac se opredeljuje za jednu od Stublina spojnica za okretno otvaranje krila:
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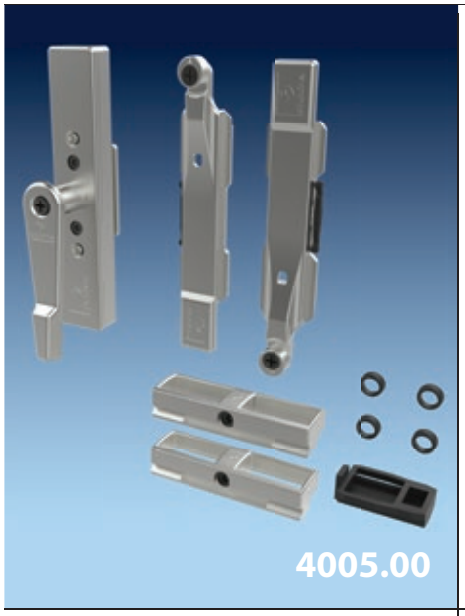
Garnitura za fiksiranje krila prozora sa euro žljebom

Set for fixing additional sash (euro-groove profile sections)

Гарнитура для штульповой створки с евро-пазом



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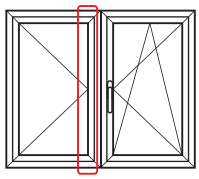
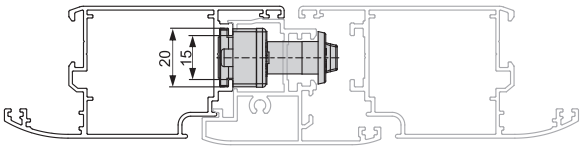
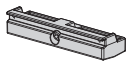
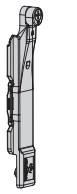
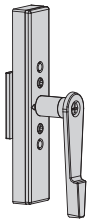
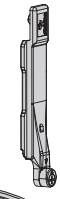


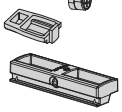






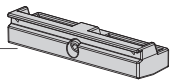






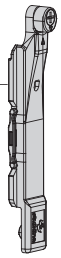
4001.04

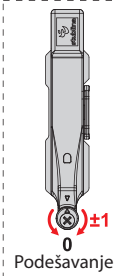
Prihvatnik zabravljivača
Rod check plate
Запорная планка



4005.03.01

Zabravljivač
Bolt
Ригель

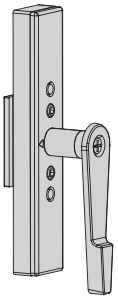


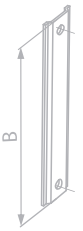


Podešavanje
Adjustment
Регулировка

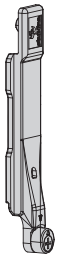
4005.02

Pogonski mehanizam
Operating mechanism
Управляющий механизм





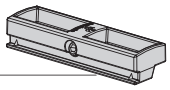
4005.03.01



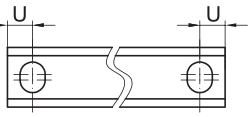
4010.07

PVC držač krila
PVC sash holder
Держатель створки из полиамида

4001.04



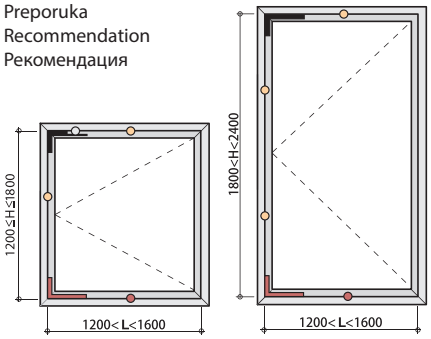
U
8
10



A=H-Hh-139+2U
B=Hh-139+2U

H - Visina krila
H - Sash height
H - Высота створки
Hh - Položaj pogonske ručice
Hh - Position operating handle
Hh - Расстояние от низа створки
до центра ручки

Preporuka
Recommendation
Рекомендация



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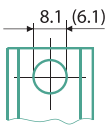

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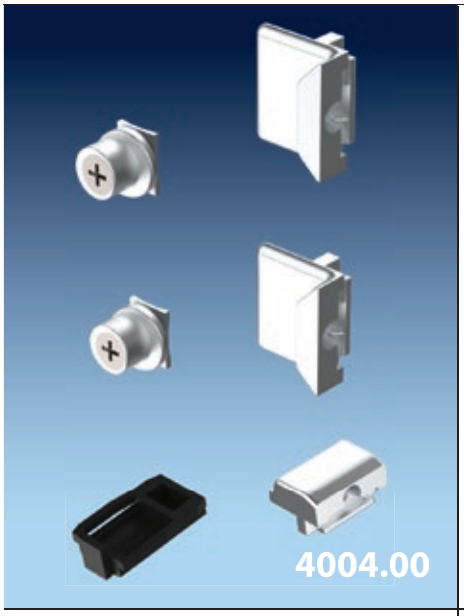
Garnitura za okretno otvaranje krila prozora sa euro žljebom

Set for turn mechanism (euro-groove profile sections)

Гарнитура для запирания поворотной створки с евро-пазом



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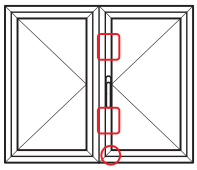
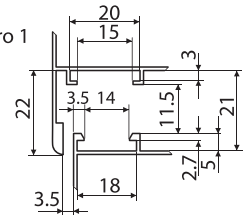
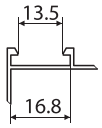


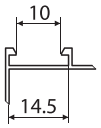
Euro 1



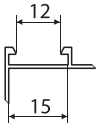
Euro 2

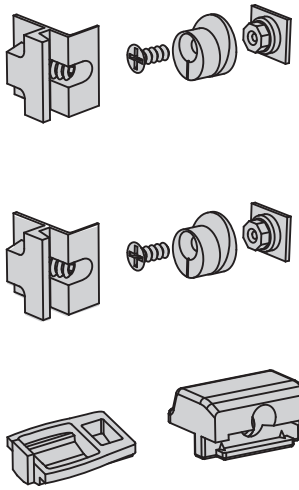


Euro 3



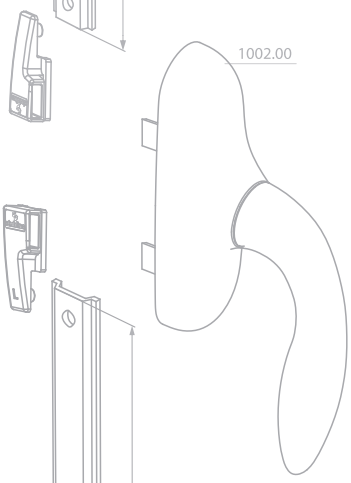
Euro 4





4010.03
Prihvatnik
Striker
Запорная планка

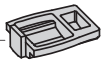
4010.27
Dvodelni tuljak
Two-piece adjustable fastening pawl
Втулка регулируемая



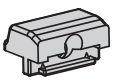
4010.27

4010.03

4010.07
PVC držač krila
PVC sash holder
Держатель створки из полиамида



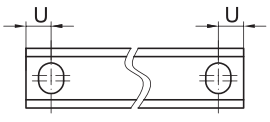
4040.06
Nosač krila
Window sash supporting device
Держатель створки



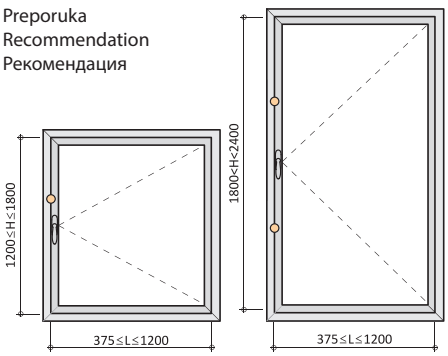
A=Hh-174+2U
B=H-Hh-174+2U

H - Visina krila
H - Sash height
H - Высота створки
Hh - Položaj pogonske ručice
Hh - Position operating handle
Hh - Расстояние от низа створки
до центра ручки

U
8
10



Preporuka
Recommendation
Рекомендация



Garnitura za okretno otvaranje krila prozora sa euro žljebom

Set for turn mechanism (euro-groove profile sections)

Гарнитура для запирания поворотной створки с евро-пазом

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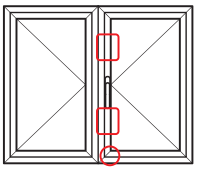
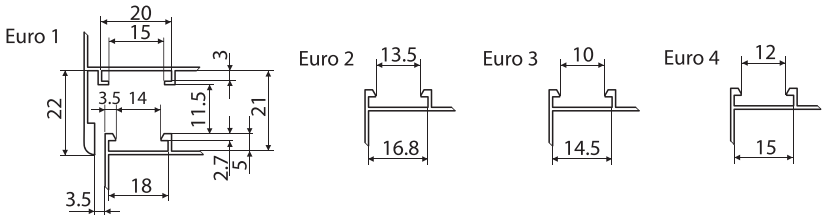
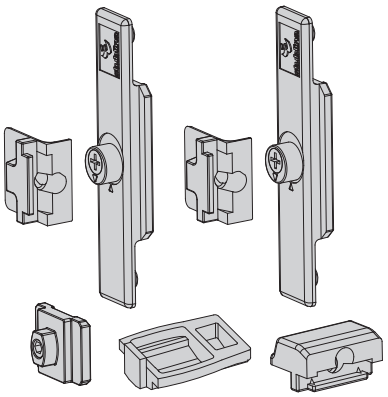
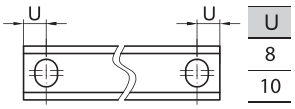






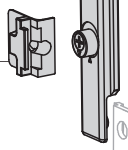
4030.20

Nastavak bočnog bravljenja
Additional part of the corner drive
Адаптер бокового запирания

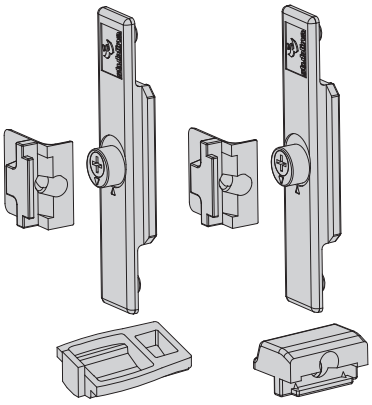


4010.03

Prihvatnik
Striker
Запорная планка



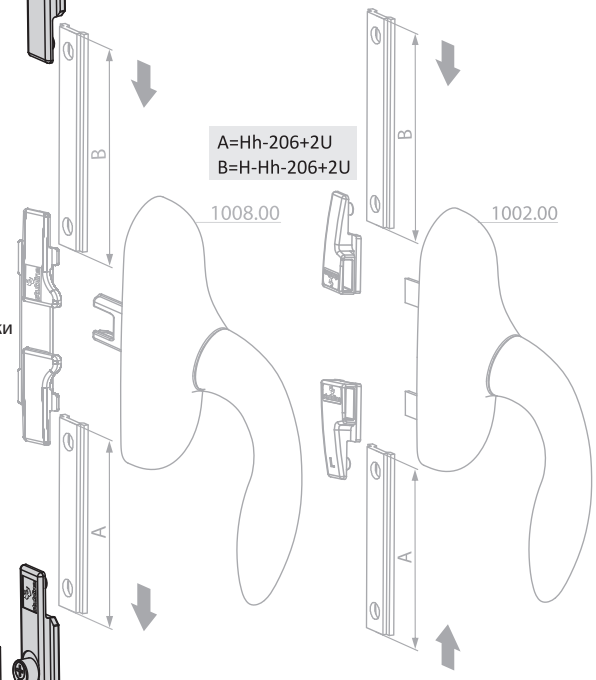
4009.39



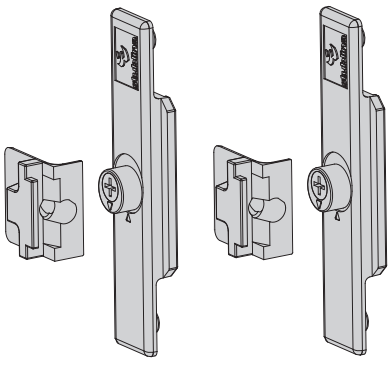
A=Hh-179+2U
B=H-Hh-214+2U

A=Hh-206+2U
B=H-Hh-206+2U

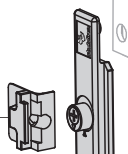
H - Visina krila
H - Sash height
H - Высота створки
Hh - Položaj pogonske ručice
Hh - Position operating handle
Hh - Расстояние от низа створки
до центра ручки



4009.49



4010.03



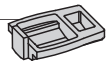
4030.20

4001.03

Klizač
Sliding part
Ограничитель хода

4010.07

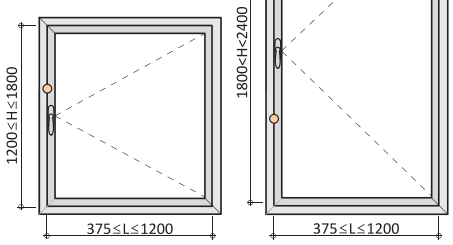
PVC držač krila
PVC sash holder
Держатель створки из полиамида



4040.06

Nosač krila
Window sash supporting device
Держатель створки

Preporuka
Recommendation
Рекомендация

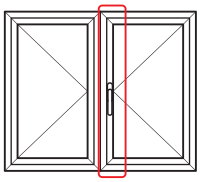


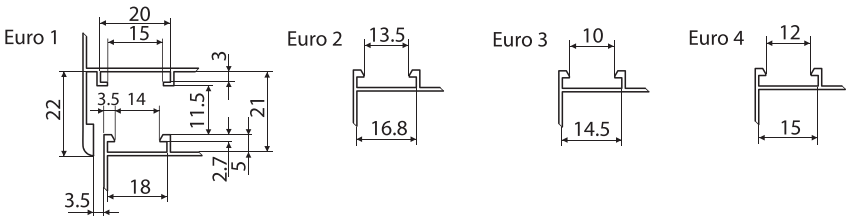
Garnitura za okretno otvaranje krila prozora sa euro žljebom

Set for turn mechanism (euro-groove profile sections)

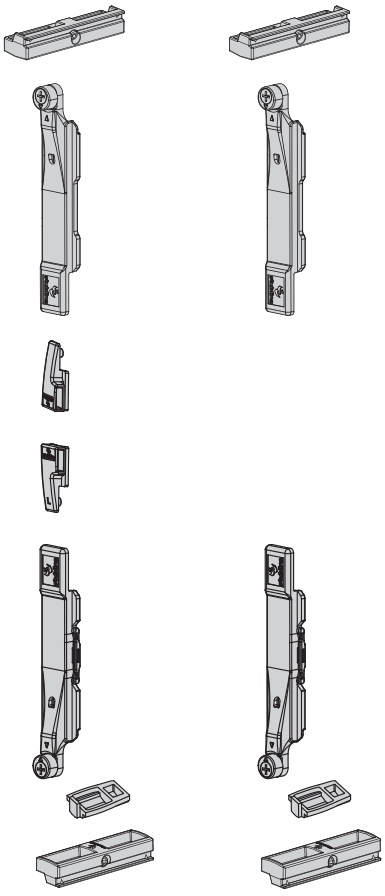
Гарнитура для запирания поворотной створки с евро-пазом

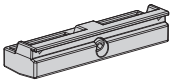
Primena:
Za sisteme aluminijumskih prozora i vrata
sa standardnim euro žljebom za smeštaj okova.
Application:
For window and door aluminium systems
with a standard euro-groove for hardware installation.
Применение:
Для фиксирования поворотной створки
из алюминиевого профиля с евро-пазом.





4009.00 **4009.30**

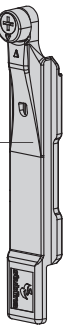




A=Hh-150+2U
B=H-Hh-150+2U

H - Visina krila
H - Sash height
H - Высота створки
Hh - Položaj pogonske ručice
Hh - Position operating handle
Hh - Расстояние от низа створки
до центра ручки

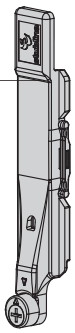
4005.03.01
Zabravljivač
Bolt
Ригель

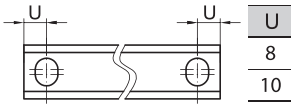


1002.05
Vučna pločica gornja
Pulling plate upper
Переходник верхний

1002.04L
Vučna pločica donja
Pulling plate lower
Переходник нижний

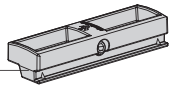
4005.03.01



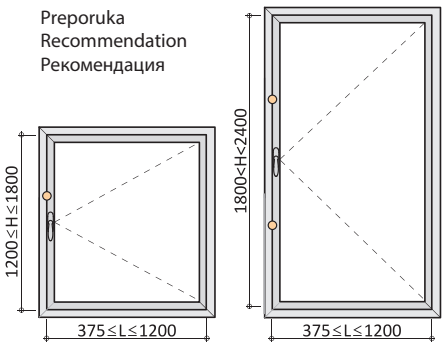


4010.07
PVC držač krila
PVC sash holder
Держатель створки из полиамида

4001.04



Preporuka
Recommendation
Рекомендация



Garnitura za okretno otvaranje krila prozora PROVEDAL

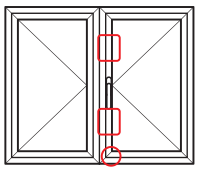
Set for turn mechanism (PROVEDAL system)

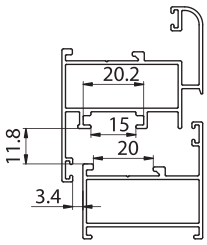
Гарнитура для поворотных створок системы ПРОВЕДАЛ

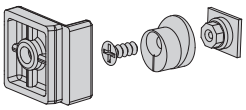
Primena:
Za PROVEDAL sisteme aluminijumskih prozora i vrata.

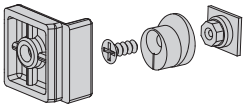
Use:
For the PROVEDAL systems of aluminium windows and door.

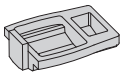
Применение:
Для створок из алюминиевого профиля системы ПРОВЕДАЛ.

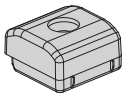












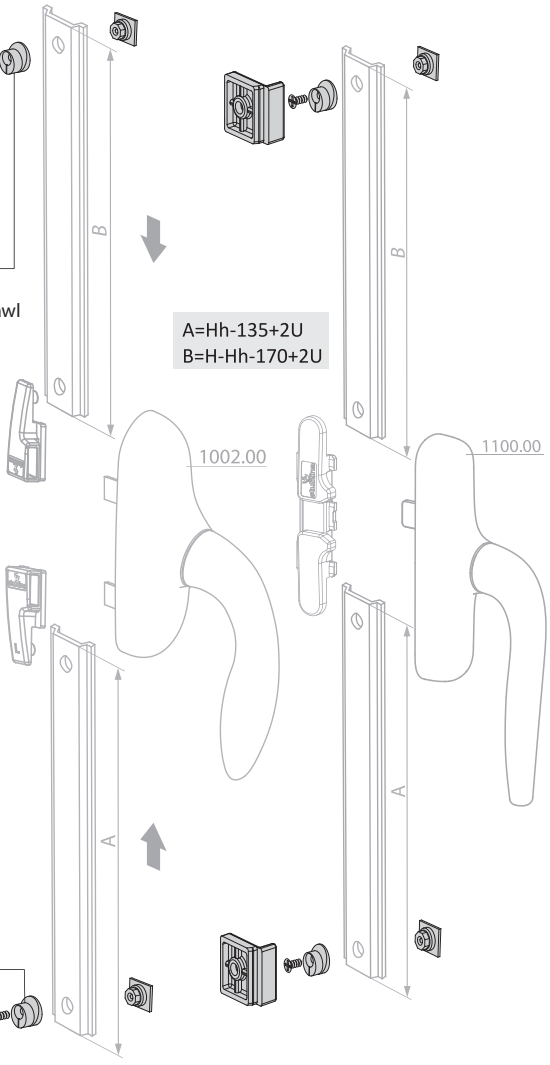
4040.03
Prihvatnik „PROVEDAL“
Acceptance part “PROVEDAL”
Запорная планка ПРОВЕДАЛ

4010.27
Dvodelni tuljak
Two-piece adjustable fastening pawl
Втулка регулируемая

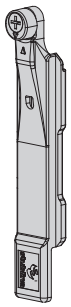
A=Hh-174+2U
B=H-Hh-174+2U

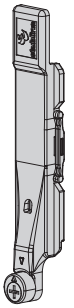
A=Hh-135+2U
B=H-Hh-170+2U

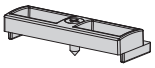
H - Visina krila
H - Sash height
H - Высота створки
Hh - Položaj pogonske ručice
Hh - Position operating handle
Hh - Расстояние от низа створки до центра ручки

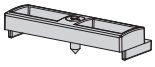


4009.35



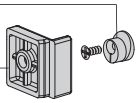




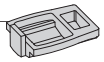


4010.27

4040.03

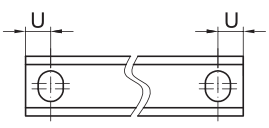


4010.07
PVC držač krila
PVC sash holder
Держатель створки из полиамида



4040.01
Nosač krila “PROVEDAL”
Window sash supporting device “PROVEDAL”
Держатель створки ПРОВЕДАЛ

U
8
10



Garnitura za okretno otvaranje krila prozora PROVEDAL

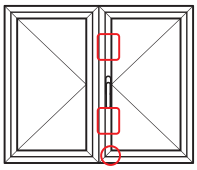
Set for turn mechanism (PROVEDAL system)

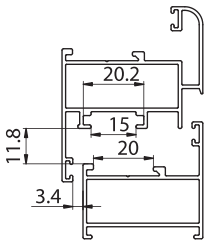
Гарнитура для поворотных створок системы ПРОВЕДАЛ

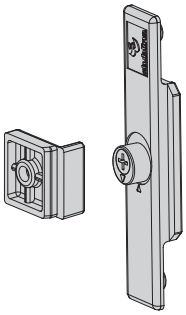
Primena:
Za PROVEDAL sisteme aluminijumskih prozora i vrata.

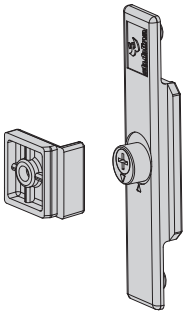
Use:
For the PROVEDAL systems of aluminium windows and door.

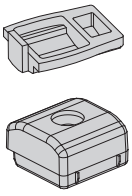
Применение:
Для створок из алюминиевого профиля системы ПРОВЕДАЛ.











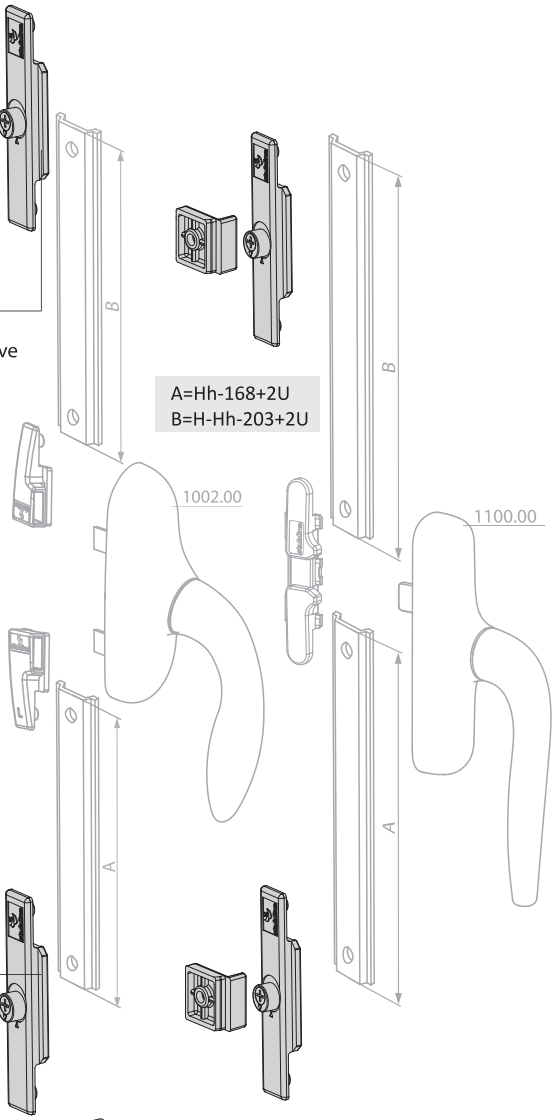
4040.03
Prihvatnik „PROVEDAL“
Acceptance part “PROVEDAL”
Запорная планка ПРОВЕДАЛ

4030.20
Nastavak bočnog bravljenja
Additional part of the corner drive
Адаптор бокового запирания

A=Hh-206+2U
B=H-Hh-206+2U

A=Hh-168+2U
B=H-Hh-203+2U

H - Visina krila
H - Sash height
H - Высота створки
Hh - Položaj pogonske ručice
Hh - Position operating handle
Hh - Расстояние от низа створки до центра ручки

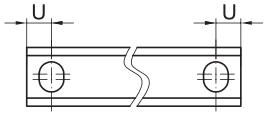


4030.20
4040.03

4010.07
PVC držač krila
PVC sash holder
Держатель створки из полиамида

4040.01
Nosač krila “PROVEDAL”
Window sash supporting device “PROVEDAL”
Держатель створки ПРОВЕДАЛ

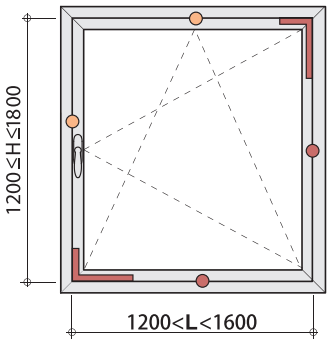
U
8
10

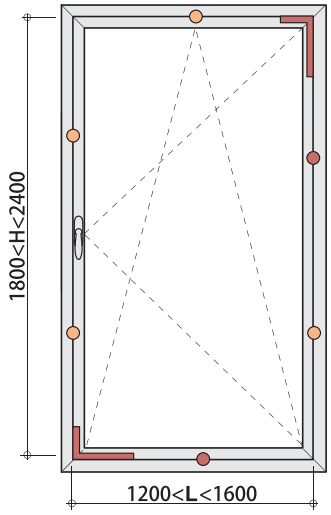


Komplet za bočno zatvaranje

Fetter set for closing sash

Комплект для бокового закрывания створки

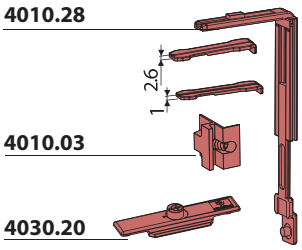




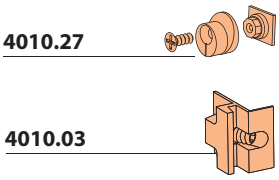
H<1200, X= /
1200≤H<1800 X=H/2
1800≤H≤2400 X=H/3; Y=H/3

4010.40

Dodatna garnitura (za horizontalno i vertikalno bravljenje)
Additional kit (for horizontal and vertical locking)
Дополнительный комплект горизонтального
и вертикального запирания

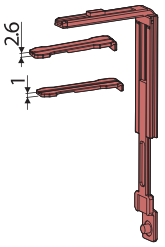


4003.00



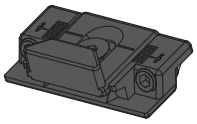
4010.28

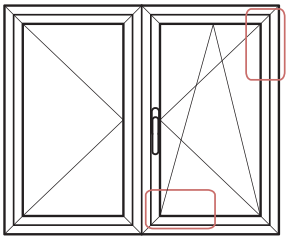
Ugaoni prenosnik
Corner transmission
Угловой переходник

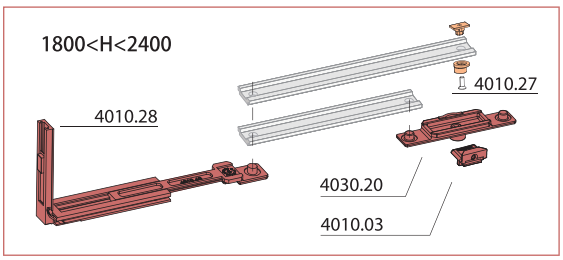


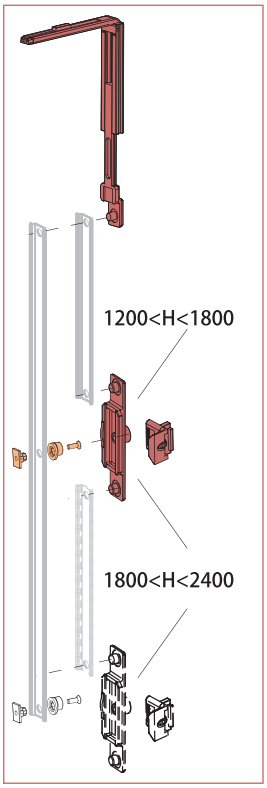
4010.80

Prihvatnik
Striker
Запорная планка



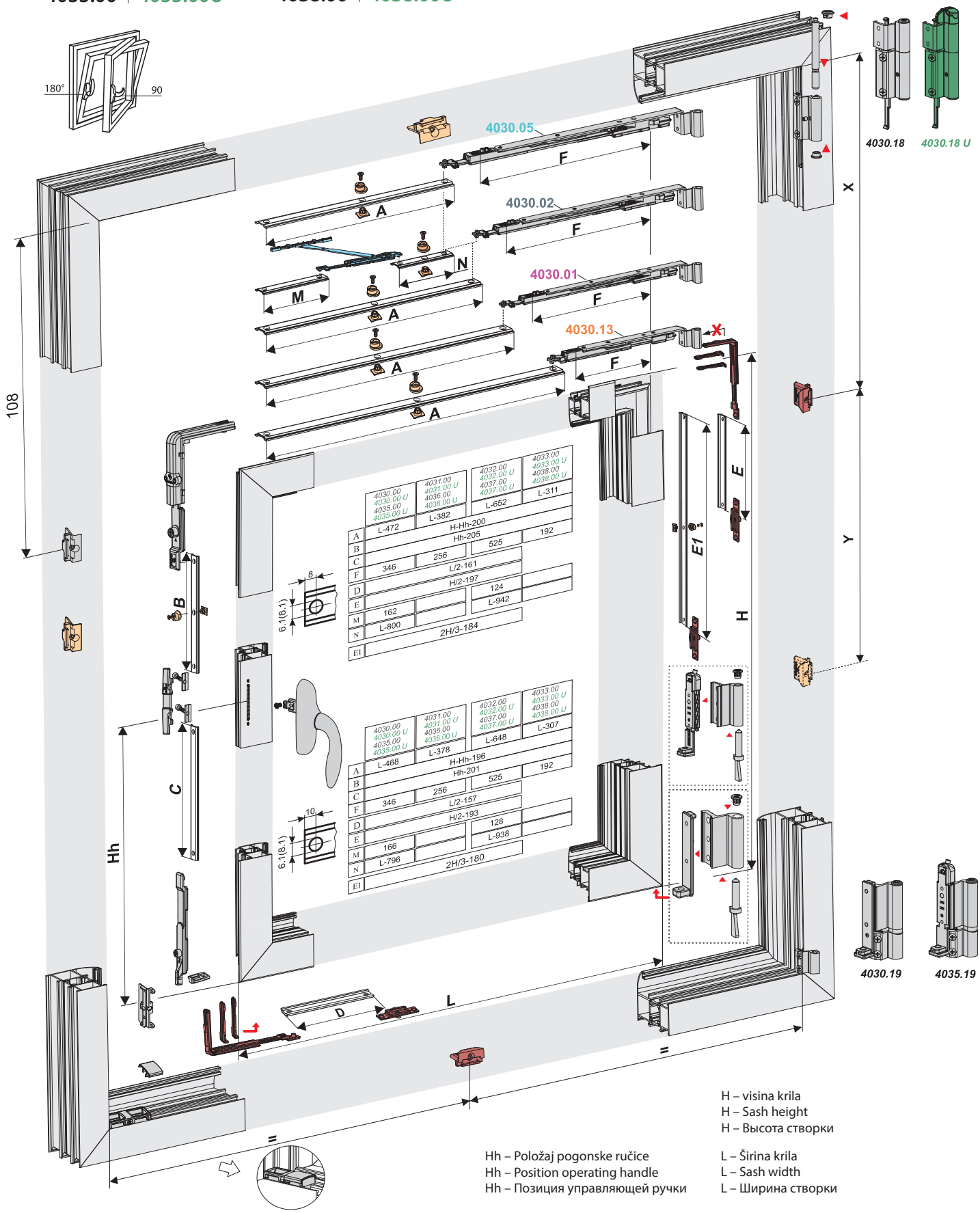






Za sve tipove aluminijumskih okretno-nagibnih sistema profila sa euro žljebom
For all types of turn and tilt aluminium systems with euro groove profile sections
Гарнитура для поворотно- наклонных створок из алюминиевого профиля с евро-пазом

4030.00	**4030.00U**	**4035.00**	**4035.00U**
4031.00	**4031.00U**	**4036.00**	**4036.00U**
4032.00	**4032.00U**	**4037.00**	**4037.00U**
4033.00	**4033.00U**	**4038.00**	**4038.00U**



4030.00 4030.00 U 4035.00 4035.00 U	4031.00 4031.00 U 4036.00 4036.00 U	4032.00 4032.00 U 4037.00 4037.00 U	4033.00 4033.00 U 4038.00 4038.00 U
A	L-472	L-382	L-652	L-311
B	H-Hh-200			
C	Hh-205	256	525	192
F	346	L/2-161		
D	H/2-197			
E			124	
M	162		L-942	
N	L-800	2H/3-184		
E1				

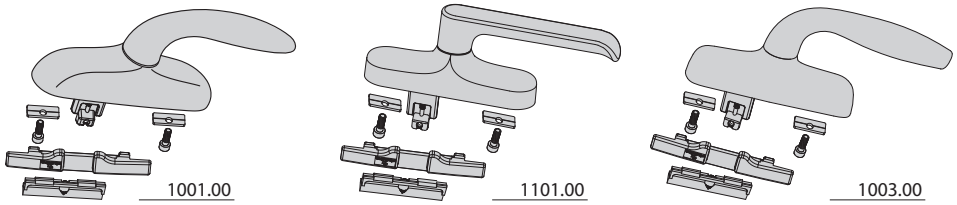
4030.00 4030.00 U 4035.00 4035.00 U	4031.00 4031.00 U 4036.00 4036.00 U	4032.00 4032.00 U 4037.00 4037.00 U	4033.00 4033.00 U 4038.00 4038.00 U
A	L-468	L-378	L-648	L-307
B	H-Hh-196			
C	Hh-201	256	525	192
F	346	L/2-157		
D	H/2-193			
E			128	
M	166		L-938	
N	L-796	2H/3-180		
E1				

H – visina krila
H – Sash height
H – Высота створки

Hh – Položaj pogonske ručice
Hh – Position operating handle
Hh – Позиция управляющей ручки

L – Širina krila
L – Sash width
L – Ширина створки

Garnitura/Set/Гарнитура **4030.00/U** / **4035.00/U** /Širina krila/Sash width /Ширина створки/ 535-1200mm
Garnitura/Set/Гарнитура **4031.00/U** / **4036.00/U** /Širina krila/Sash width /Ширина створки/ 445-535mm
Garnitura/Set/Гарнитура **4032.00/U** / **4037.00/U** /Širina krila/Sash width /Ширина створки/ 1200-1400mm
Garnitura/Set/Гарнитура **4033.00/U** / **4038.00/U** /Širina krila/Sash width /Ширина створки/ 375-535mm



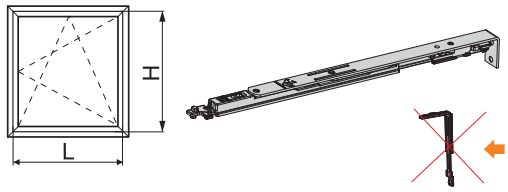
1001.00
1101.00
1003.00

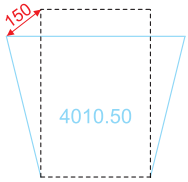
Ručica sa priborom
Handle with accessories
Ручка с крепежным набором
(Hhmin=235)

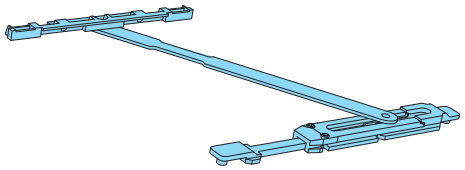
Set No.

Article No.

4030.00/U	4035.00/U	H=465-2400 L=535-1200	4030.02
4031.00/U	4036.00/U	H=465-2400 L=445-535	4030.01
4032.00/U	4037.00/U	H=465-2400 L=1200-1400	4030.05
4033.00/U	4038.00/U	H=465-1000 L=375-535	4030.13

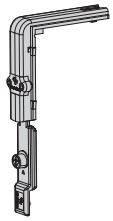






4010.50

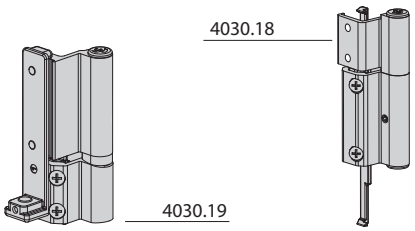
Pomoćne makaze (za širine>1200mm)
Auxilliary scissors (for width >1200mm)
Дополнительные ножницы
(для створок шире 1200мм)



4010.20

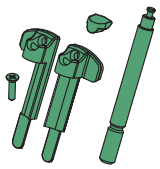
Ugaoni prenosnik
Corner trasmission
Уголовой переходник

Materijal: legura cinka; opruge i zavrtnji od nerđajućeg čelika
Material: zinc alloy; stainless steel springs and screws
Материал: сплав цинка; пружины и винты из нержавеющей стали



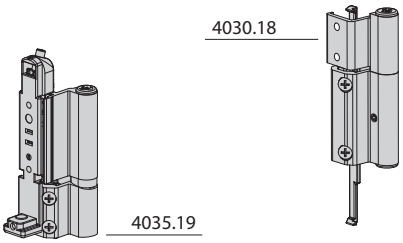
4030.30

Spojnice za prozor (okretno nagibno otvaranje)
Window hinges (turn and tilt systems)
Набор петель для поворотно наклонных створок



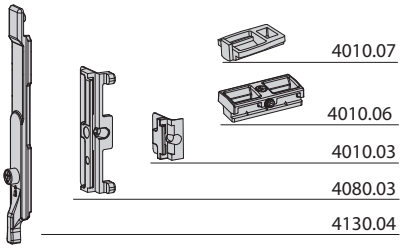
4030.18.50U

Pribor gornje spojnice (univerzal)
Accessories of the upper hinge (universal)
Аксессуары верхние петли (универсальные)



4035.30

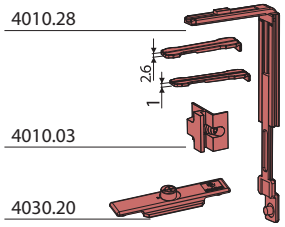
Spojnice za prozor (okretno nagibno otvaranje)
Window hinges (turn and tilt systems)
Набор петель для поворотно наклонных створок



4010.10

Osnovni set
Basic set
Базовый комплект

Materijal: legura cinka; opruge i zavrtnji od nerđajućeg čelika
Material: zinc alloy; stainless steel springs and screws
Материал: сплав цинка; пружины и винты из нержавеющей стали



4010.40

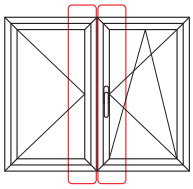
Dodatna garnitura (za horizontalno i vertikalno bravljenje)
Additional kit (for horizontal and vertical locking)
Дополнительный комплект горизонтального
и вертикального запирания

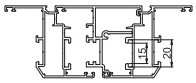
Set za dvokrilni okretno, okretno nagibni prozor

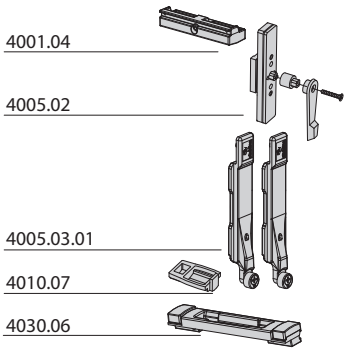
Set for double turn – only and turn and tilt sash

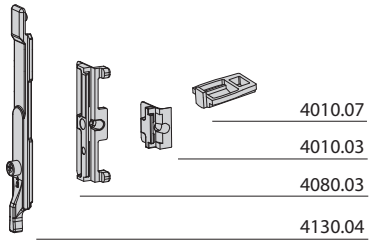
Гарнитура для штульповой и поворотно откидной створки

4105.10

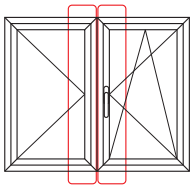


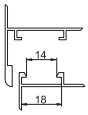


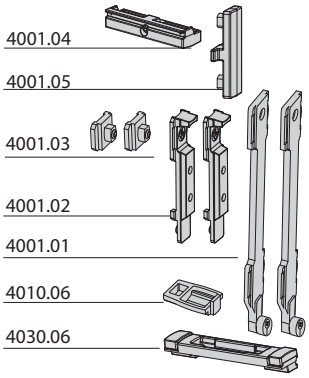


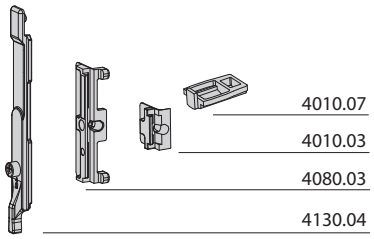


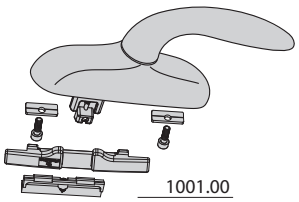
4101.10

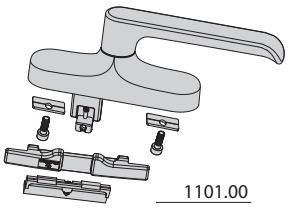


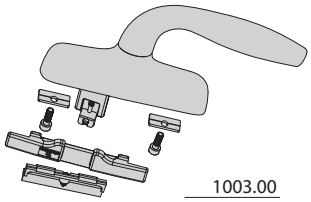






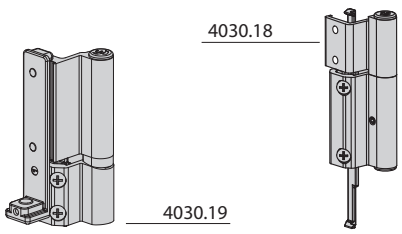






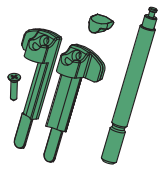
1001.00
1101.00
1003.00

Ručica sa priborom
Handle with accessories
Ручка с крепежным набором
(Hhmin=235)



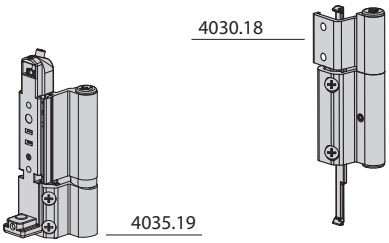
4030.30

Spojnice za prozor (okretno nagibno otvaranje)
Window hinges (turn and tilt systems)
Набор петель для поворотно наклоных створок



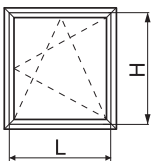
4030.18.50U

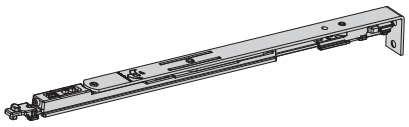
Pribor gornje spojnice (univerzal)
Accessories of the upper hinge (universal)
Аксессуары верхние петли (универсальные)



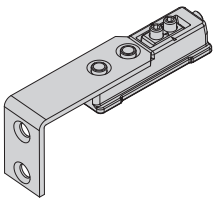
4035.30

Spojnice za prozor (okretno nagibno otvaranje)
Window hinges (turn and tilt systems)
Набор петель для поворотно наклоных створок





H=465-2400 L=535-1200 **4030.02**
H=465-2400 L=445-535 **4030.01**
H=465-2400 L=1200-1400 **4030.05**
H=465-1000 L=375-535 **4030.13**



4047.00

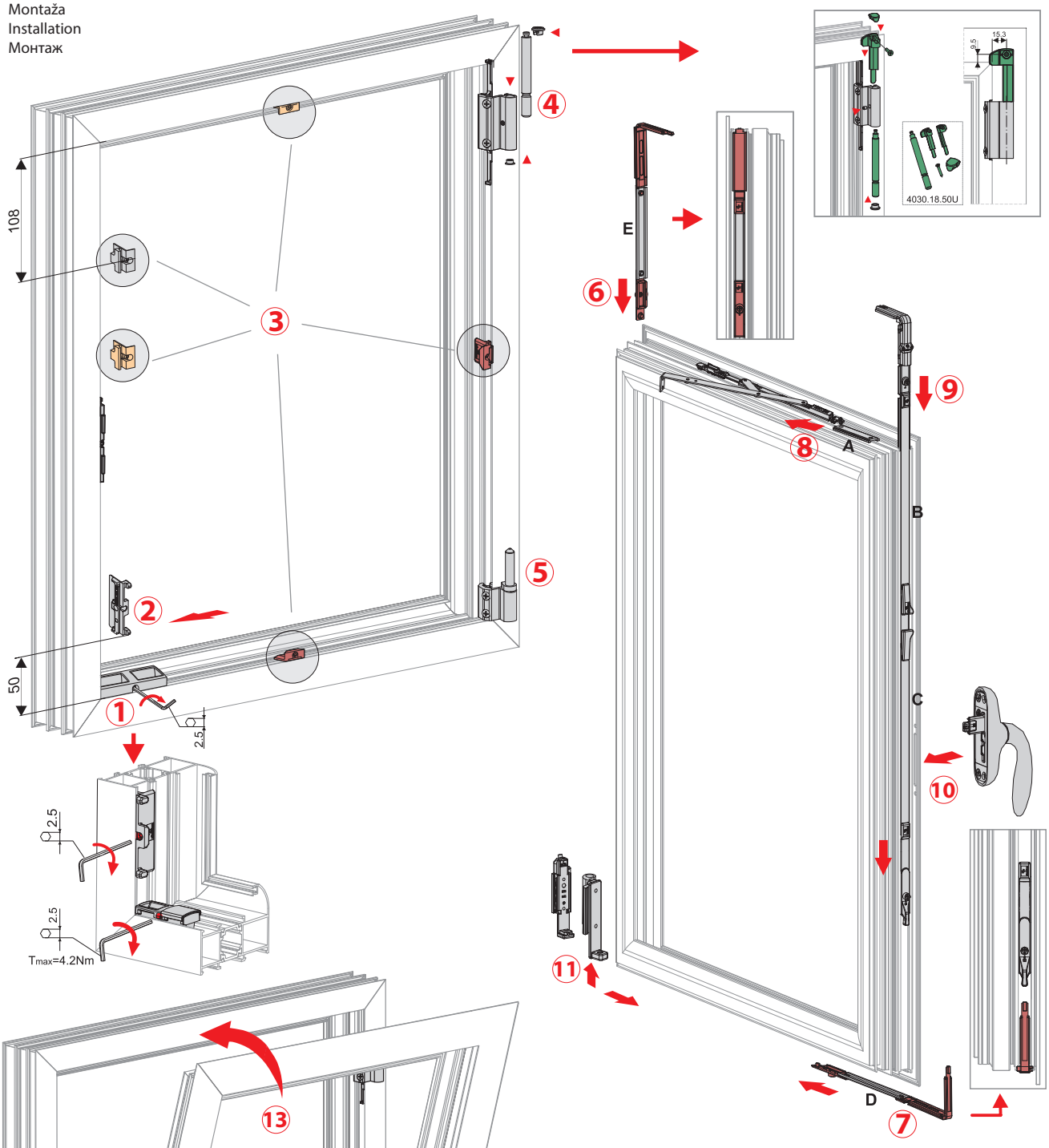
Makaze za okretno otvaranje
Scissors for turn opening
Ножницы для запирания поворотной створки

4010.06.03

Poklopac prihvatnika zabravljivača
Cover
Крышка

4030.00	4030.00U	4035.00	4035.00U
4031.00	4031.00U	4036.00	4036.00U
4032.00	4032.00U	4037.00	4037.00U
4033.00	4033.00U	4038.00	4038.00U

Montaža
Installation
Монтаж

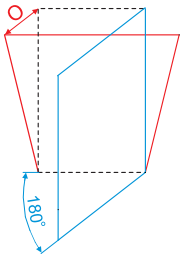


Pri sklapanju krila i štoka, položaj ručice treba da bude u položaju koji obezbeđuje kipovanje prozora. Krilo ubaciti tako da se oslanja na donju spojnicu i prihvatnik.

During installation of window and sash, handle position has to be in tilt position (180 degrees). Sash needs to be placed on lower hinge and acceptor.

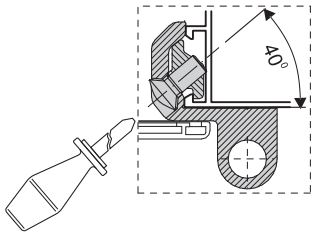
При совмещенни створки и рамы положение ручки должно находиться в режиме откидывания. Створку вставить таким образом, чтобы она опиралась на нижнюю петлю рамы.

4030.00 4035.00	O=150mm	4030.00U 4035.00U	O=150mm
4031.00 4036.00	O=132mm	4031.00U 4036.00U	O=132mm
4032.00 4037.00	O=163mm	4032.00U 4037.00U	O=163mm
4033.00 4038.00	O=125mm	4033.00U 4038.00U	O=125mm



4030.00	4030.00U	4035.00	4035.00U
4031.00	4031.00U	4036.00	4036.00U
4032.00	4032.00U	4037.00	4037.00U
4033.00	4033.00U	4038.00	4038.00U

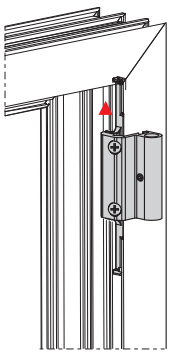
Pozicioniranje tela gornje i donje spojnice
Positiong of the top and bottom hinge body
Регулировка положения верхней и нижней петли



Montaža ležišta gornje spojnice:
- postaviti nosač spojnice u krajnji gornji položajžljeb štoka,
- spojiti spojnicu zavrtnjevima za nosač.

The assembly of the top hinge body:
-the hinge carrier is to be set in the final top position in the groove of the casement frame,
-the hinge is to be connected to the carrier by the screws.

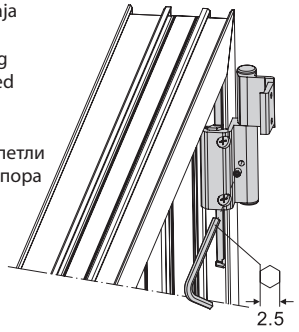
Монтаж верхней петли:
- поставить крепежную планку петли в максимально высокое положение,
- привинтить петлю к крепежной планке.



Fiksiranje krila i tela spojnice
-Zavrtanj M5x8 (DIN 914) zaviti do kraja

Fixing of the hinge body and the wing
-The screw M5x8 (DIN 914) is supposed to be tightened until the limit

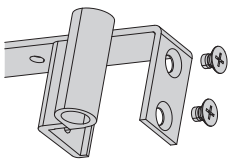
Фиксирование основания и крыла петли
-Винт M5x8 (DIN 914) закрутить до упора



Montaža gornje spojnice sa makazama:
-Krilo spojnice se sa makazama spaja pomoću zavrtnjeva M5x6, DIN 965.

Assembling the upper hinge with scissors:
-The hinge wing is connected to the scissors with screws M5x6, DIN 965.

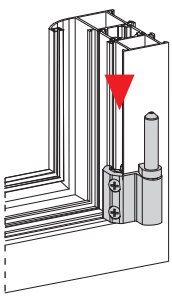
Монтаж верхней петли с ножниц:
-Створка петли соединяется с ножницами винтами M5x6, DIN 965.



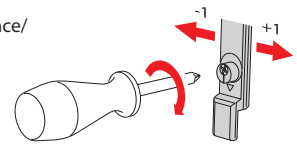
Montaža ležišta donje spojnice:
- postaviti nosač spojnice u krajnji donji položaj u žljeb štoka,
- spojiti spojnicu zavrtnjevima za nosač

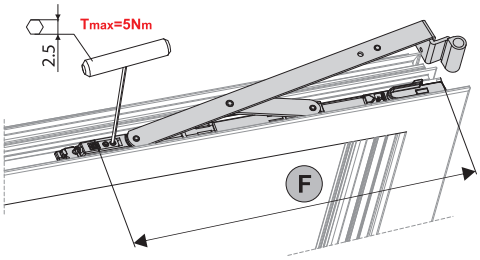
The assembly of the bottom hinge body:
- the hinge carrier is to be set in the final bottom position in the groove of the casement frame,
- the hinge is to be connected to the carrier by the screws.

Монтаж нижней петли:
- поставить крепежную планку петли в максимально низкое положение,
- привинтить петлю к крепежной планке.

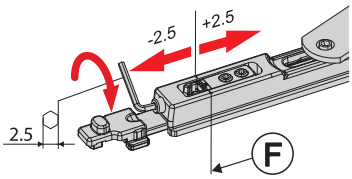


Podešavanje zazora zatvaranja/
nepropustljivost prozora.
Adjustment of the closing clearance/
impermeability of the window.
Регулировка зазора.

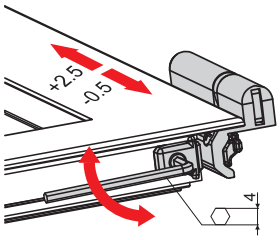




Horizontalno podešavanje krila
Horizontal adjustment of the sash
Горизонтальная регулировка створки



Vertikalno podešavanje krila
Vertical adjustment of the sash
Вертикальная регулировка створки

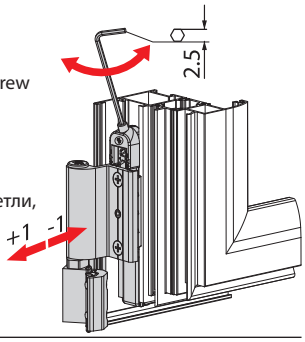


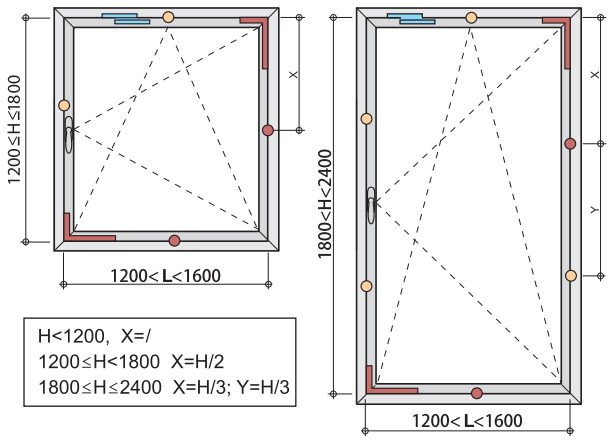
Zavijanjem/odvijanjem zavrtnja
na nosaču spojnice pomoću imbus ključa
prozor se pomera u jednu/drugu
stranu za ±1mm.

4035.19

The window could be moved
on one/the other side for ±1mm
by tightening/untightening of the screw
on the hinge carrier with the
hexagon hollow screw spanner.

Закрутить/открутить
шестигранником винт на основе петли,
окно сдвигаются в одну/в другую
сторону за ±1мм.





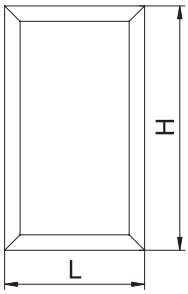
H<1200, X=/
1200≤H<1800 X=H/2
1800≤H≤2400 X=H/3; Y=H/3

4030.00	4030.00U	4035.00	4035.00U
4031.00	4031.00U	4036.00	4036.00U
4032.00	4032.00U	4037.00	4037.00U
4033.00	4033.00U	4038.00	4038.00U

Maksimalna težina krila 80kg
Maximum sash weight 80kg
Максимальный вес створки 80кг

Nosivost/
Capacity/
Допустимая нагрузка

4030.00	*Max 80kg*
4031.00	
4032.00	
4033.00	
4035.00	*Max 100kg*
4037.00	



H / L	425	535	600	700	800	900	1000	1100	1200	1300	1400	1500	1600
2400	38	31	27	23	20	18	16	15	14	13	12	11	10
2300	38	34	28	25	21	19	17	15	14	13	12	11	10
2200	38	33	30	25	22	20	18	16	15	14	13	11	10
2100	38	35	31	27	23	21	19	17	16	14	13	12	11
2000	38	38	33	28	25	22	20	18	16	15	14	12	11
1900	38	38	34	30	26	23	20	19	17	16	15	14	13
1800	38	38	38	31	27	24	21	20	18	16	15	14	13
1700	38	38	38	33	29	26	23	21	18	17	16	16	14
1600	38	38	38	35	31	27	25	22	20	18	16	15	13
1500	38	38	38	38	33	29	26	24	21	18	17	15	13
1400	38	38	38	38	35	31	27	25	22	21	17	16	13
1300	38	38	38	38	38	34	31	25	25	21	18	15	13
1200	38	38	38	38	38	36	33	29	25	21	18	15	13
1100	38	38	38	38	38	38	33	29	25	21	18	15	12
1000	38	38	38	38	38	38	33	29	25	21	18	13	10
900	38	38	38	38	38	38	33	29	21	19	15	11	8
800	38	38	38	38	38	38	31	25	20	15	10	8	x
700	38	38	38	38	38	33	31	24	18	13	x	x	x
600	38	38	38	38	38	33	31	21	x	x	x	x	x
500	38	38	38	38	38	29	x	x	x	x	x	x	x
465	38	38	38	38	38	x	x	x	x	x	x	x	x

Maksimalna težina krila 130kg
Maximum sash weight 130kg
Максимальный вес створки 130кг

Nosivost/
Capacity/
Допустимая нагрузка

4035.00 U	*Max 130kg*
4037.00 U	

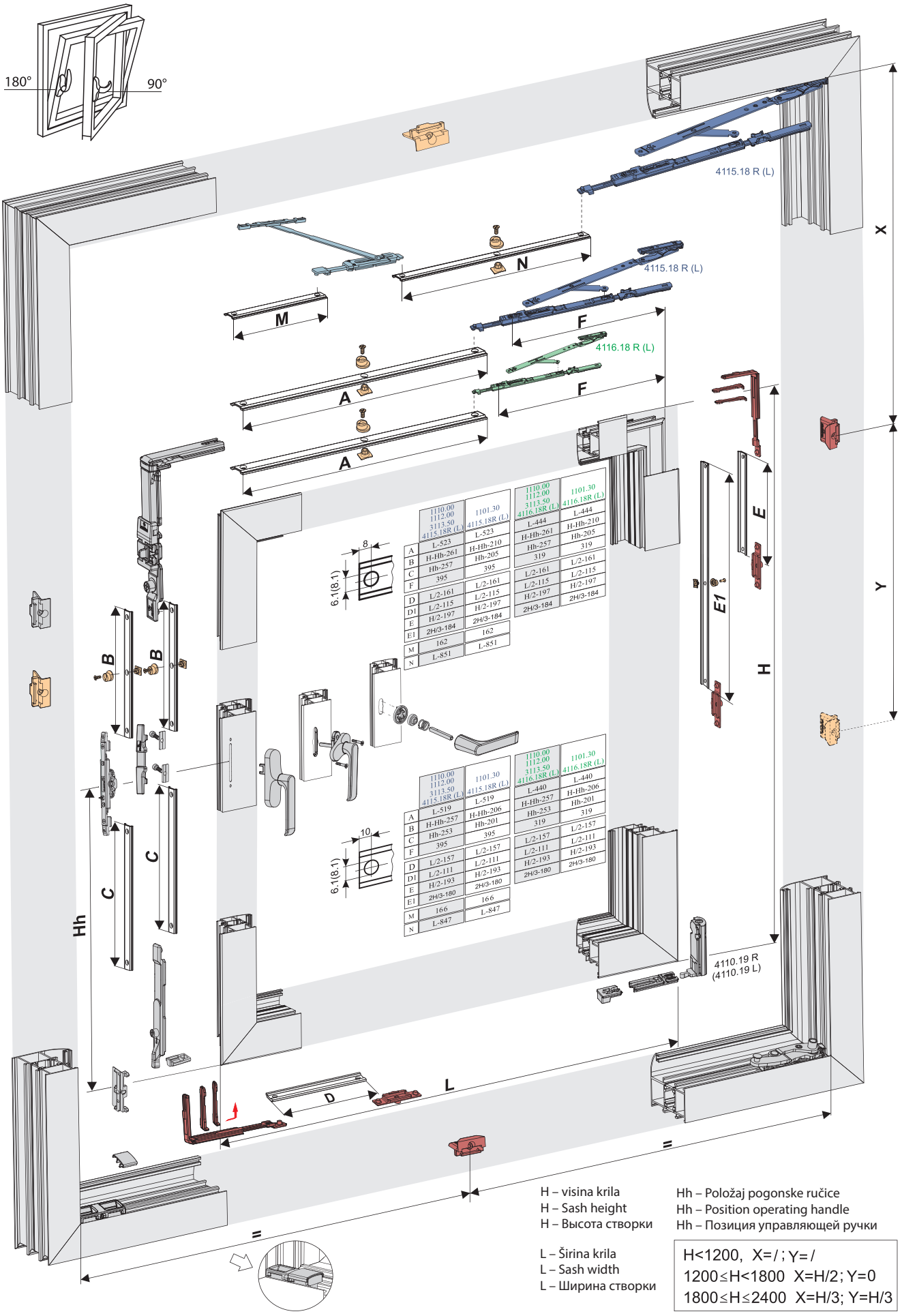
H / L	425	535	600	700	800	900	1000	1100	1200	1300	1400	1500	1600
2400	48	38	34	29	26	23	21	19	17	16	15	14	13
2300	48	40	36	31	27	24	21	20	18	17	15	14	13
2200	48	42	37	32	28	25	22	20	19	17	16	15	14
2100	48	44	39	34	29	26	24	21	20	18	17	16	15
2000	48	46	41	35	31	27	25	22	21	19	18	16	15
1900	48	48	43	37	33	29	26	24	22	20	19	17	16
1800	48	48	46	39	34	30	27	25	23	21	20	18	17
1700	48	48	48	42	36	32	29	26	24	22	21	19	18
1600	48	48	48	44	39	34	31	28	26	24	22	21	18
1500	48	48	48	47	41	37	33	30	27	25	24	21	18
1400	48	48	48	48	44	39	35	32	29	27	24	21	18
1300	48	48	48	48	48	42	38	35	32	27	24	21	18
1200	48	48	48	48	48	46	41	37	32	27	24	21	18
1100	48	48	48	48	48	48	45	37	32	27	24	20	16
1000	48	48	48	48	48	48	42	37	32	27	24	18	14
900	48	48	48	48	48	48	42	37	29	25	20	14	10
800	48	48	48	48	48	48	40	34	24	18	15	10	x
700	48	48	48	48	48	42	40	30	22	16	8	x	x
600	48	48	48	48	48	41	40	28	15	x	x	x	x
500	48	48	48	48	48	36	32	x	x	x	x	x	x
465	48	48	48	48	48	x	x	x	x	x	x	x	x

☒ Neizvodljivo /Unfeasible/ Неосуществимо

Debljina stakla
Glass thickness
Толщина стекла

mm	kg/m2
6	15
8	20
10	25
12	30
14	35
16	40
18	45
20	50
22	55
24	60
26	65
28	70
30	80
32	85
34	90
36	95
38	100
40	105
42	110
44	115
46	120
48	125

Za sve tipove aluminijumskih okretno-nagibnih sistema profila sa euro žljebom
For all types of turn and tilt aluminium systems with euro groove profile sections
Гарнитура для поворотно- наклонных створок из алюминиевого профиля с евро-пазом



	1110.00 1112.00 3113.50 4115.18R (L)	1101.30 4115.18R (L)	1110.00 1112.00 3113.50 4116.18R (L)	1101.30 4116.18R (L)
A	L-523	L-523	L-444	L-444
B	H-Hh-261	H-Hh-210	H-Hh-261	H-Hh-210
C	Hh-257	Hh-205	Hh-257	Hh-205
F	395	395	319	319
D	L/2-161	L/2-161	L/2-161	L/2-161
D1	L/2-115	L/2-115	L/2-115	L/2-115
E	H/2-197	H/2-197	H/2-197	H/2-197
E1	2H/3-184	2H/3-184	2H/3-184	2H/3-184
M	162	162		
N	L-851	L-851		

	1110.00 1112.00 3113.50 4115.18R (L)	1101.30 4115.18R (L)	1110.00 1112.00 3113.50 4116.18R (L)	1101.30 4116.18R (L)
A	L-519	L-519	L-440	L-440
B	H-Hh-257	H-Hh-206	H-Hh-257	H-Hh-206
C	Hh-253	Hh-201	Hh-253	Hh-201
F	395	395	319	319
D	L/2-157	L/2-157	L/2-157	L/2-157
D1	L/2-111	L/2-111	L/2-111	L/2-111
E	H/2-193	H/2-193	H/2-193	H/2-193
E1	2H/3-180	2H/3-180	2H/3-180	2H/3-180
M	166	166		
N	L-847	L-847		

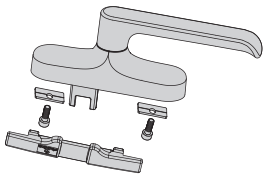
H – visina krila
H – Sash height
H – Высота створки

L – Širina krila
L – Sash width
L – Ширина створки

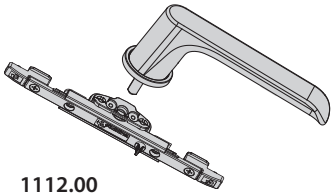
Hh – Položaj pogonske ručice
Hh – Position operating handle
Hh – Позиция управляющей ручки

H<1200, X=/ ; Y=/
1200≤H<1800 X=H/2; Y=0
1800≤H≤2400 X=H/3; Y=H/3

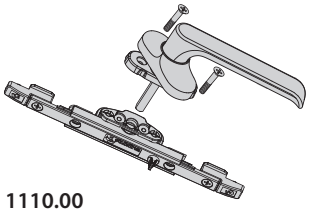
Za sve tipove aluminijumskih okretno-nagibnih sistema profila sa euro žljebom
For all types of turn and tilt aluminium systems with euro groove profile sections
Гарнитура для поворотно- наклонных створок из алюминиевого профиля с евро-пазом



1101.30



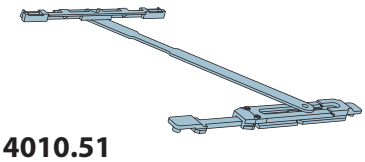
1112.00
3113.50



1110.00
3113.50

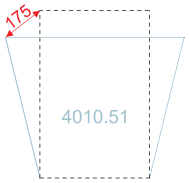
1101.30
1112.00
1110.00

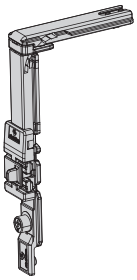
Ručica sa priborom
Handle with accessories
Ручка с крепежным набором



4010.51

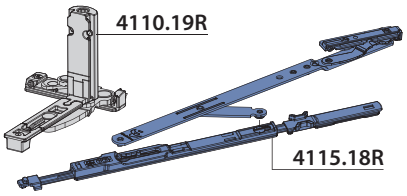
Pomoćne makaze (za širine>1200mm)
Auxilliary scissors (for width >1200mm)
Дополнительные ножницы
(для створок шире 1200мм)





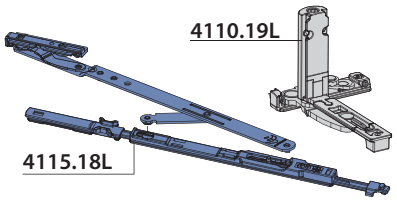
4070.20

Ugaoni prenosnik
Corner trasmission
Уголовой переходник



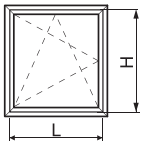
4115.30R

Skrivene spojnice za okretno nagibno otvaranje
Concealed hinges for turn and tilt opening
Скрытые петли для поворотно откидного открывания

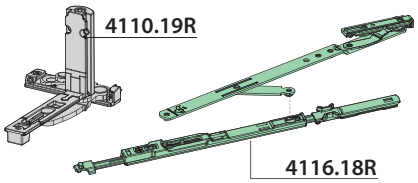


4115.30L

Skrivene spojnice za okretno nagibno otvaranje
Concealed hinges for turn and tilt opening
Скрытые петли для поворотно откидного открывания

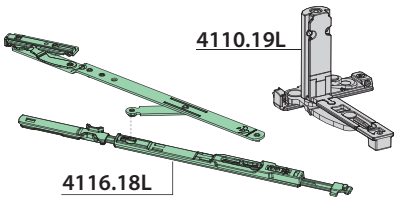


1112.00/1110.00 3113.50 4115.18R (L)	1112.00/1110.00 3113.50 4116.18 R (L)
584 ≤ **L** ≤1600 600≤ **H** ≤2400	505≤**L**≤583 600≤**H**≤2400
Hh min=292	
1101.30 4115.18 R (L)	1101.30 4116.18 R (L)
584 ≤ **L** ≤1600 600≤ **H** ≤2400	505≤**L**≤583 600≤**H**≤2400
Hh min=235	



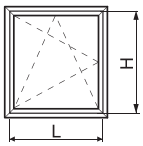
4116.30R

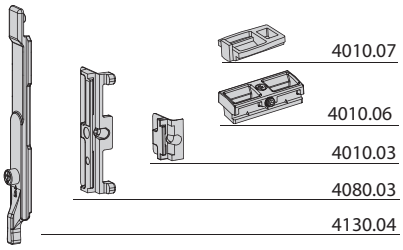
Skrivene spojnice za okretno nagibno otvaranje
Concealed hinges for turn and tilt opening
Скрытые петли для поворотно откидного открывания



4116.30L

Skrivene spojnice za okretno nagibno otvaranje
Concealed hinges for turn and tilt opening
Скрытые петли для поворотно откидного открывания

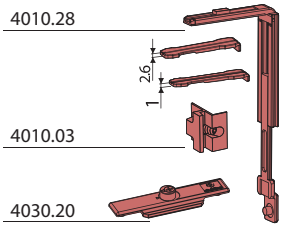




4010.10

Osnovni set
Basic set
Базовый комплект

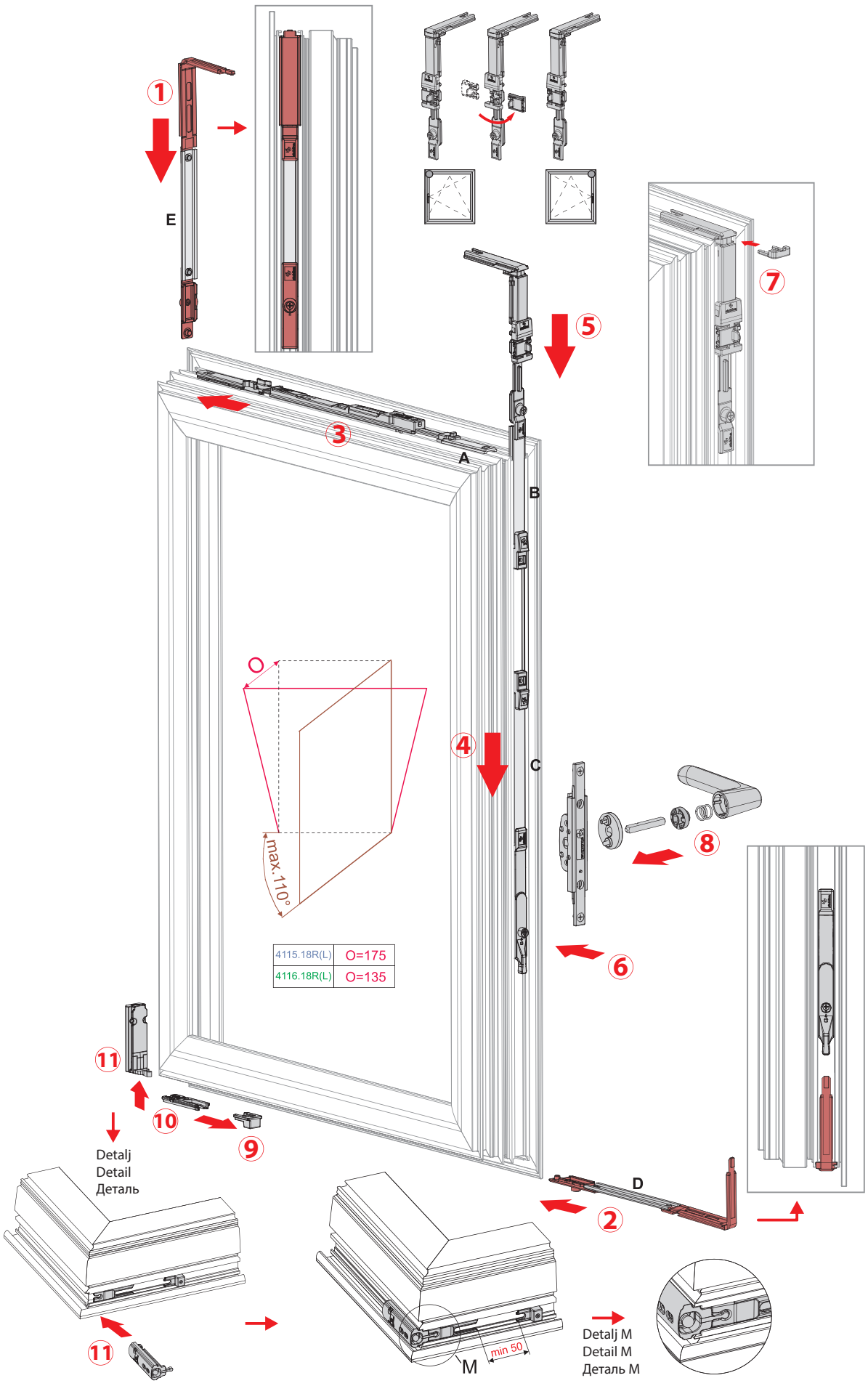
Materijal: legura cinka; opruge i zavrtnji od nerđajućeg čelika
Material: zinc alloy; stainless steel springs and screws
Материал: сплав цинка; пружины и винты из нержавеющей стали



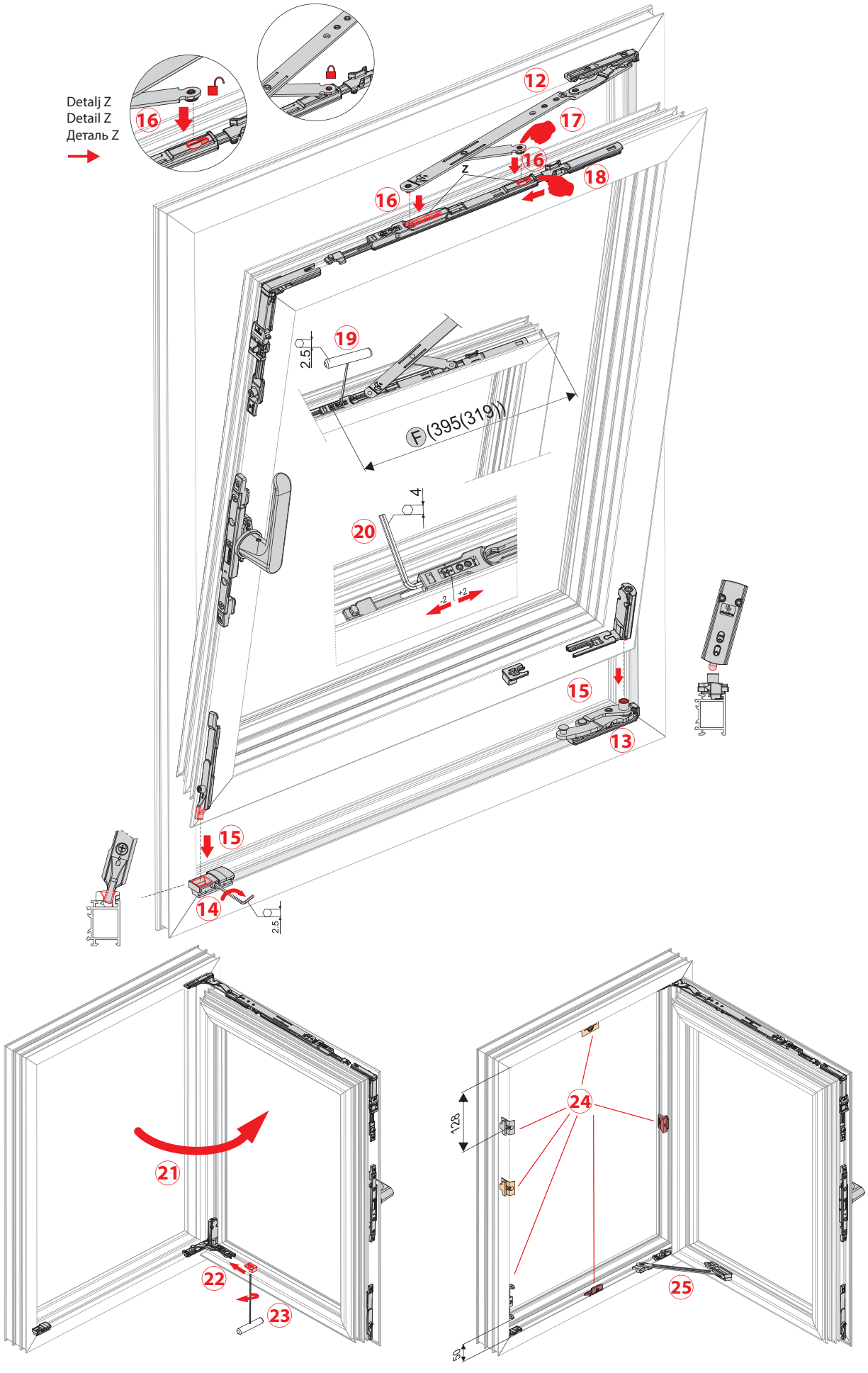
4010.40

Dodatna garnitura (za horizontalno i vertikalno bravljenje)
Additional kit (for horizontal and vertical locking)
Дополнительный комплект горизонтального
и вертикального запирания

Montaža /
Installation /
Монтаж

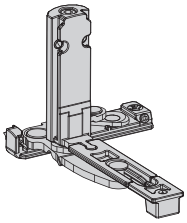


Montaža /
Installation /
Монтаж

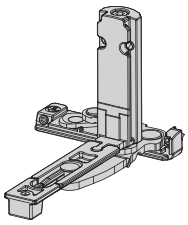


Podešavanje spojnica
Hinges adjustment
Регулировка петель

4110.19L
Donja spojnica – leva
Bottom - left hinge
Нижняя петля - левая

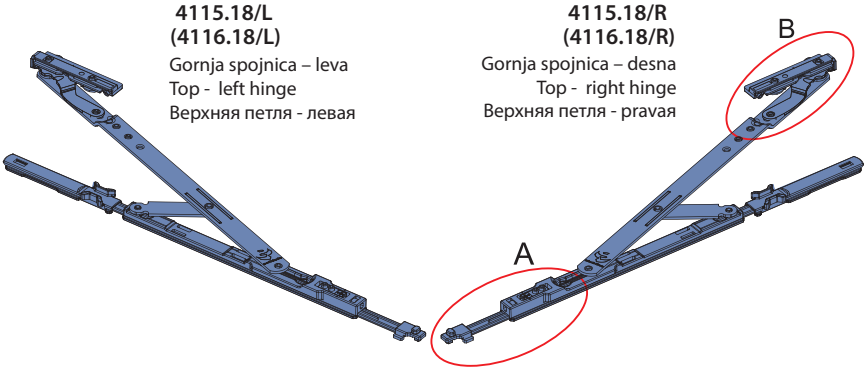


4110.19R
Donja spojnica – desna
Bottom - right hinge
Нижняя петля - правая

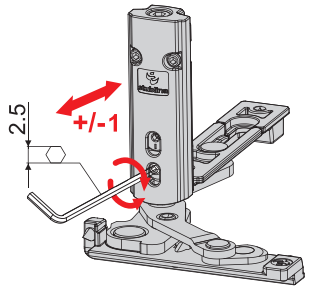


4115.18/L
(4116.18/L)
Gornja spojnica – leva
Top - left hinge
Верхняя петля - левая

4115.18/R
(4116.18/R)
Gornja spojnica – desna
Top - right hinge
Верхняя петля - pravaя

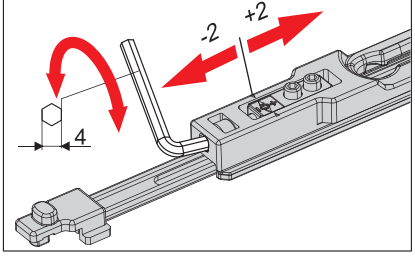


Horizontalno podešavanje krila
Horizontal adjustment of the sash
Горизонтальная регулировка створки



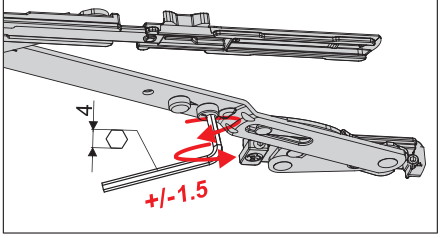
Detalj A / Detail A / Деталь A

Horizontalno podešavanje krila
Horizontal adjustment of the sash
Горизонтальная регулировка створки

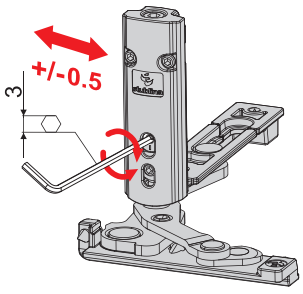


Detalj B / Detail B / Деталь B

Podešavanje zaptivenosti
Adjustment of the sealing pressure
Регулировка прижима



Podešavanje zaptivenosti
Adjustment of the sealing pressure
Регулировка прижима



Podešavanje po visini
The altitude adjustment
Вертикальная регулировка

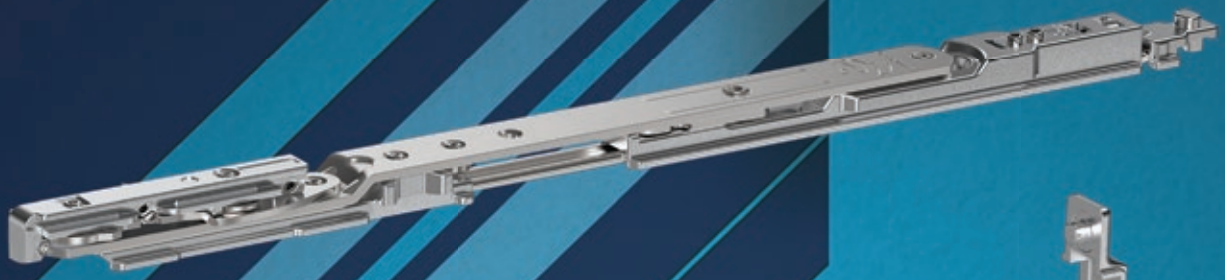
Maksimalna težina krila 130kg
Maximum sash weight 130kg
Максимальный вес створки 130кг

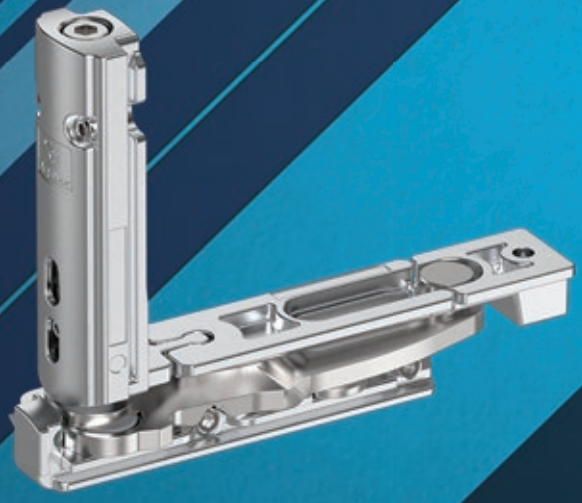
H / L	505	584	600	700	800	900	1000	1100	1200	1300	1400	1500	1600
2400	48	38	34	29	26	23	21	19	17	16	15	14	13
2300	48	40	36	31	27	24	21	20	18	17	15	14	13
2200	48	42	37	32	28	25	22	20	19	17	16	15	14
2100	48	44	39	34	29	26	24	21	20	18	17	16	15
2000	48	46	41	35	31	27	25	22	21	19	18	16	15
1900	48	48	43	37	33	29	26	24	22	20	19	17	16
1800	48	48	46	39	34	30	27	25	23	21	20	18	17
1700	48	48	48	42	36	32	29	26	24	22	21	19	18
1600	48	48	48	44	39	34	31	28	26	24	22	21	18
1500	48	48	48	47	41	37	33	30	27	25	24	21	18
1400	48	48	48	48	44	39	35	32	29	27	24	21	18
1300	48	48	48	48	48	42	38	35	32	27	24	21	18
1200	48	48	48	48	48	46	41	37	32	27	24	21	18
1100	48	48	48	48	48	48	45	37	32	27	24	20	16
1000	48	48	48	48	48	48	42	37	32	27	24	18	14
900	48	48	48	48	48	48	42	37	29	25	20	14	10
800	48	48	48	48	48	48	40	34	24	18	15	10	x
700	48	48	48	48	48	42	40	30	22	16	8	x	x
600	48	48	48	48	48	41	40	28	15	x	x	x	x

☒ Neizvodljivo /Unfeasible/ Неосуществимо

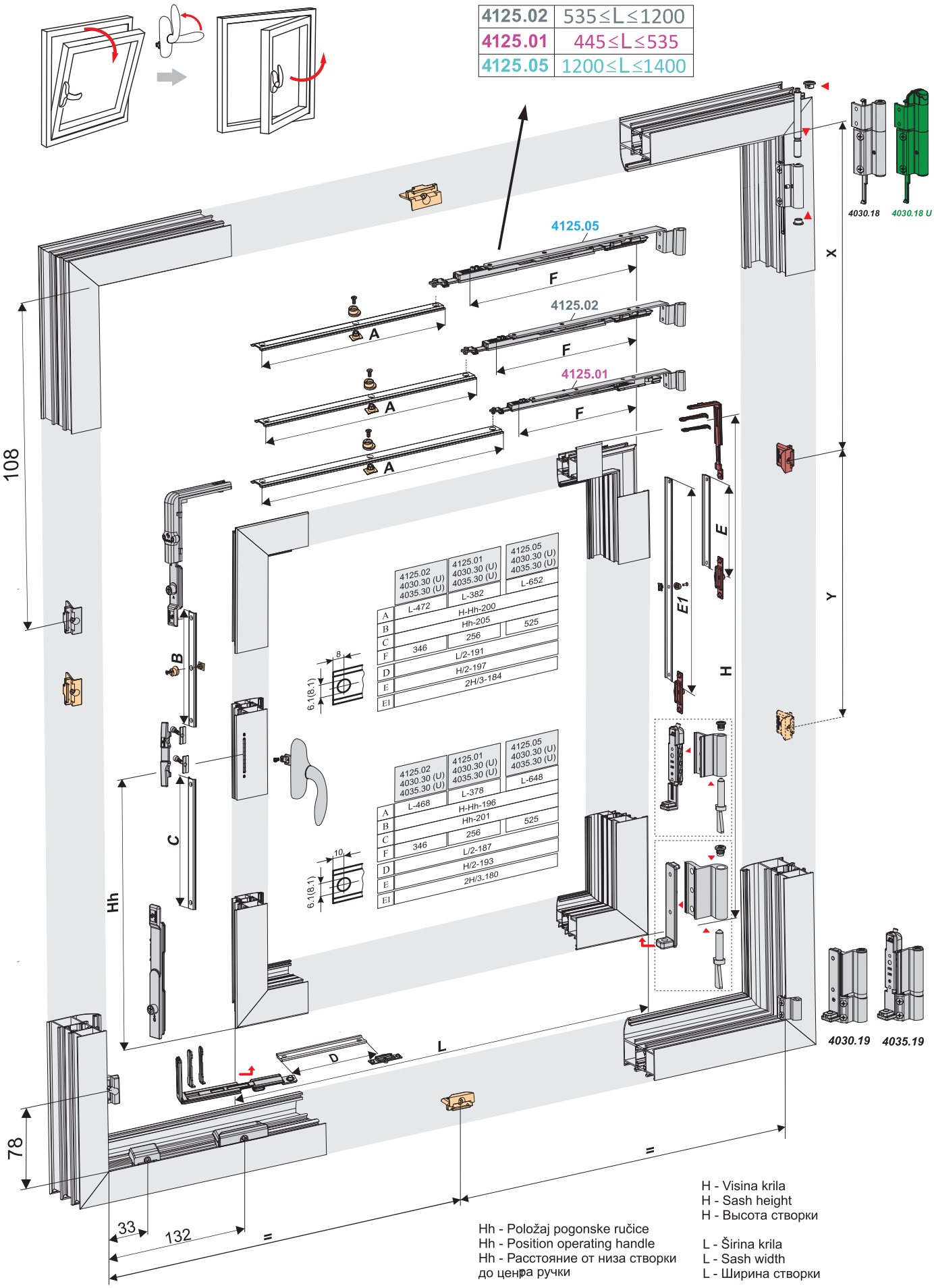
mm	kg/m2
6	15
8	20
10	25
12	30
14	35
16	40
18	45
20	50
22	55
24	60
26	65
28	70
30	80
32	85
34	90
36	95
38	100
40	105
42	110
44	115
46	120
48	125

Debljina stakla
Glass thickness
Толщина стекла





Za sve tipove nagibno okretnih aluminijumskih sistema prozora sa euro žljebom
For all types of tilt and turn aluminium systems with euro groove profile sections
Гарнитура для наклонно поворотных створок из алюминиевого профиля с евро пазом

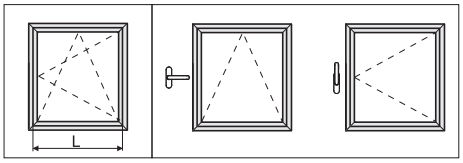


Hh - Položaj pogonske ručice
Hh - Position operating handle
Hh - Расстояние от низа створки до центра ручки

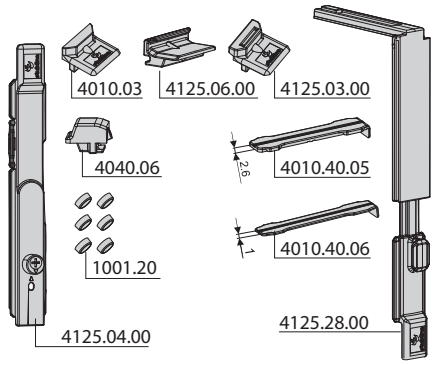
H - Visina krila
H - Sash height
H - Высота створки

L - Širina krila
L - Sash width
L - Ширина створки

Za sve tipove nagibno okretnih aluminijumskih sistema prozora sa euro žljebom
For all types of tilt and turn aluminium systems with euro groove profile sections
Гарнитура для наклонно поворотных створок из алюминиевого профиля с евро пазом



4125.10



Osnovni set
Basic set
Базовый комплект

535≤L≤1200

+ **4125.02**
Makaze /Scissors/ Ножницы

= **4125.90**

Set nagibno okretnog okova
Tilt before turn set
Комплект
наклонно-поворотной
фурнитуры

445≤L≤535

+ **4125.01**
Makaze /Scissors/ Ножницы

= **4125.91**

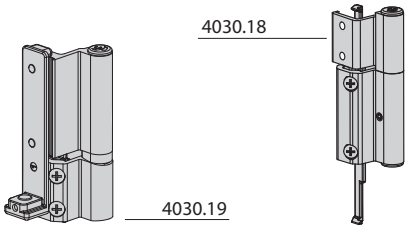
Set nagibno okretnog okova
Tilt before turn set
Комплект
наклонно-поворотной
фурнитуры

1200≤L≤1400

+ **4125.05**
Makaze /Scissors/ Ножницы

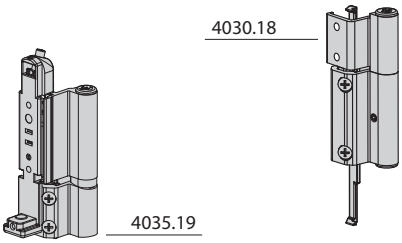
= **4125.92**

Set nagibno okretnog okova
Tilt before turn set
Комплект
наклонно-поворотной
фурнитуры



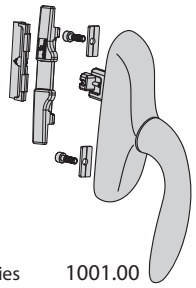
4030.30
Spojnice za prozor (okretno nagibno otvaranje)
Window hinges (turn and tilt systems)
Набор петель для поворотно наклоных створок

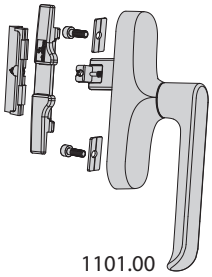
4030.18.50U
Pribor gornje spojnice (univerzal)
Accessories of the upper hinge (universal)
Аксессуары верхние петли (универсальные)

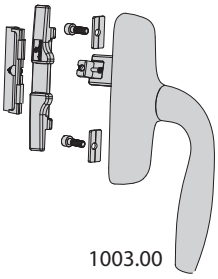


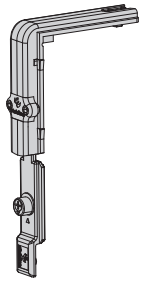
4035.30
Spojnice za prozor (okretno nagibno otvaranje)
Window hinges (turn and tilt systems)
Набор петель для поворотно наклоных створок

1001.00
1101.00
1003.00
Ručica sa priborom
Handle with accessories
Ручка с крепежным набором
(Hhmin=235)

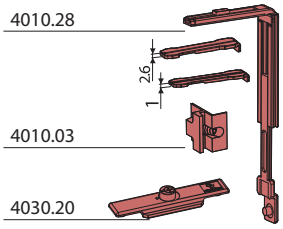

1001.00


1101.00

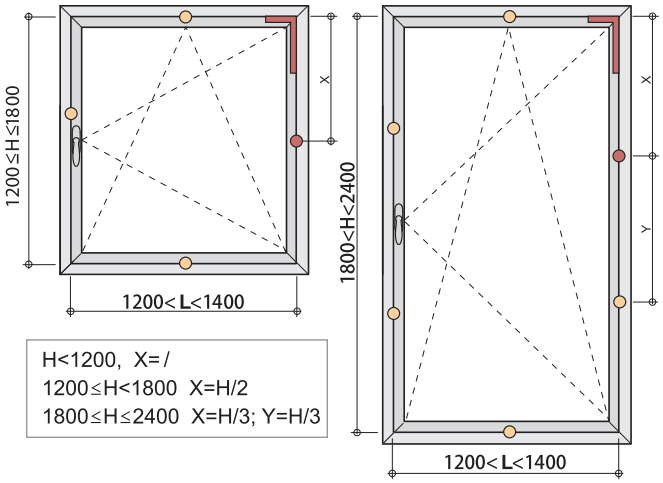

1003.00



4010.20
Ugaoni prenosnik
Corner trasmission
Уголовой переходник

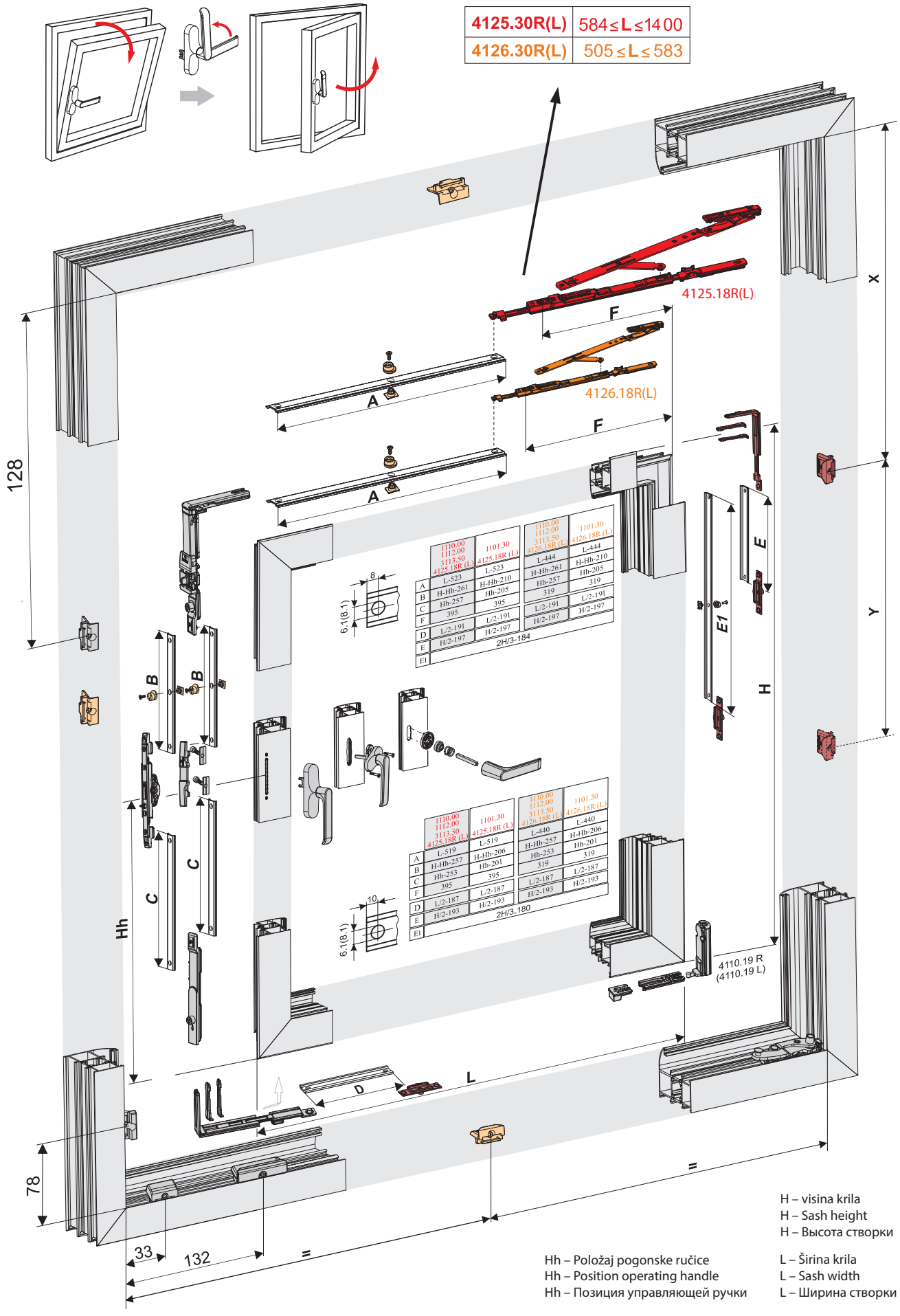


4010.40
Dodatna garnitura (za horizontalno i vertikalno bravljenje)
Additional kit (for horizontal and vertical locking)
Дополнительный комплект горизонтального
и вертикального запирания

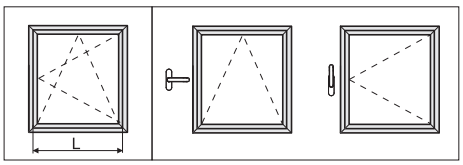


H<1200, X= /
1200≤H<1800 X=H/2
1800≤H≤2400 X=H/3; Y=H/3

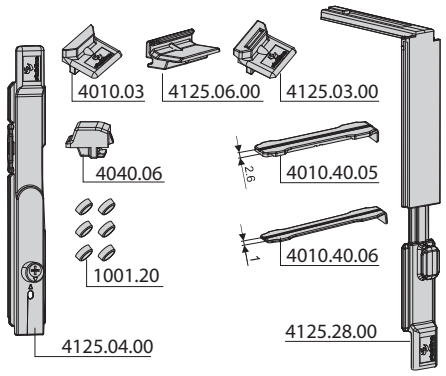
Za sve tipove nagibno okretnih aluminijumskih sistema prozora sa euro žljebom
For all types of tilt and turn aluminium systems with euro groove profile sections
Гарнитура для наклонно поворотных створок из алюминиевого профиля с евро пазом



Za sve tipove nagibno okretnih aluminijumskih sistema prozora sa euro žljebom
For all types of tilt and turn aluminium systems with euro groove profile sections
Гарнитура для наклонно поворотных створок из алюминиевого профиля с евро пазом

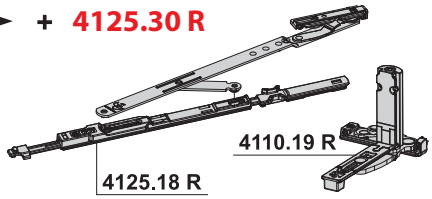


4125.10



Osnovni set
Basic set
Базовый комплект

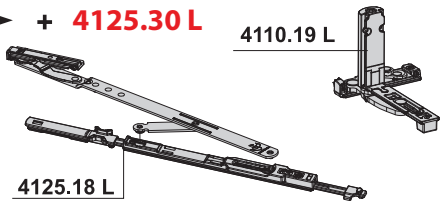
\+ **4125.30 R**



= **4125.95R**

Set nagibno okretnog okova
Tilt before turn set
Комплект наклонно-поворотной фурнитуры

\+ **4125.30 L**



= **4125.95L**

Set nagibno okretnog okova
Tilt before turn set
Комплект наклонно-поворотной фурнитуры

\+ **4126.30 R**

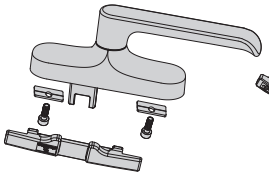
= **4126.95R**

Set nagibno okretnog okova
Tilt before turn set
Комплект наклонно-поворотной фурнитуры

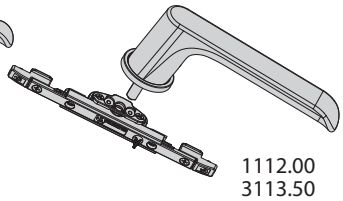
\+ **4126.30 L**

= **4126.95L**

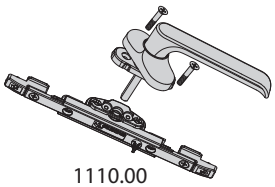
Set nagibno okretnog okova
Tilt before turn set
Комплект наклонно-поворотной фурнитуры



1101.30



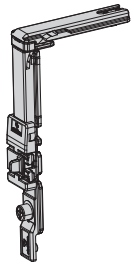
1112.00
3113.50



1110.00
3113.50

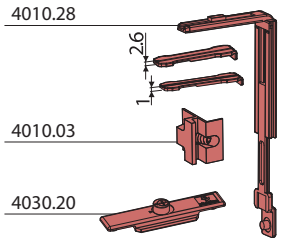
Ručica sa priborom
Handle with accessories
Ручка с крепежным набором

1112.00/1110.00 3113.50 4125.30 R(L)	1112.00/1110.00 3113.50 4126.30 R(L)
584≤**L**≤1400 600≤**H**≤2400	505≤**L**≤583 600≤**H**≤2400
Hh min = 292	
1101.30 4125.30 R(L)	1101.30 4126.30 R(L)
584≤**L**≤1400 600≤**H**≤2400	505≤**L**≤583 600≤**H**≤2400
Hh min = 235	



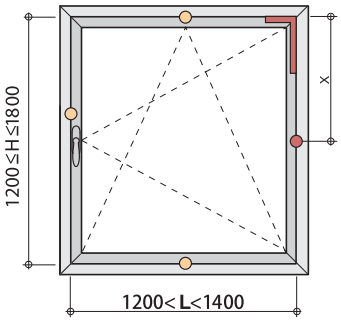
4070.20

Ugaoni prenosnik
Corner trasmission
Уголовой переходник

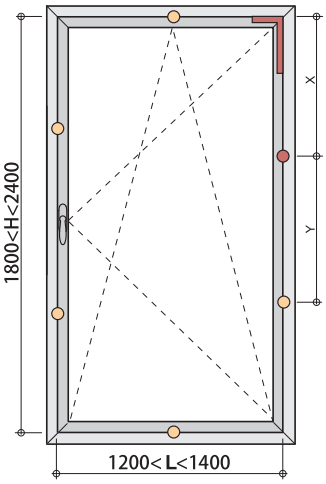


4010.40

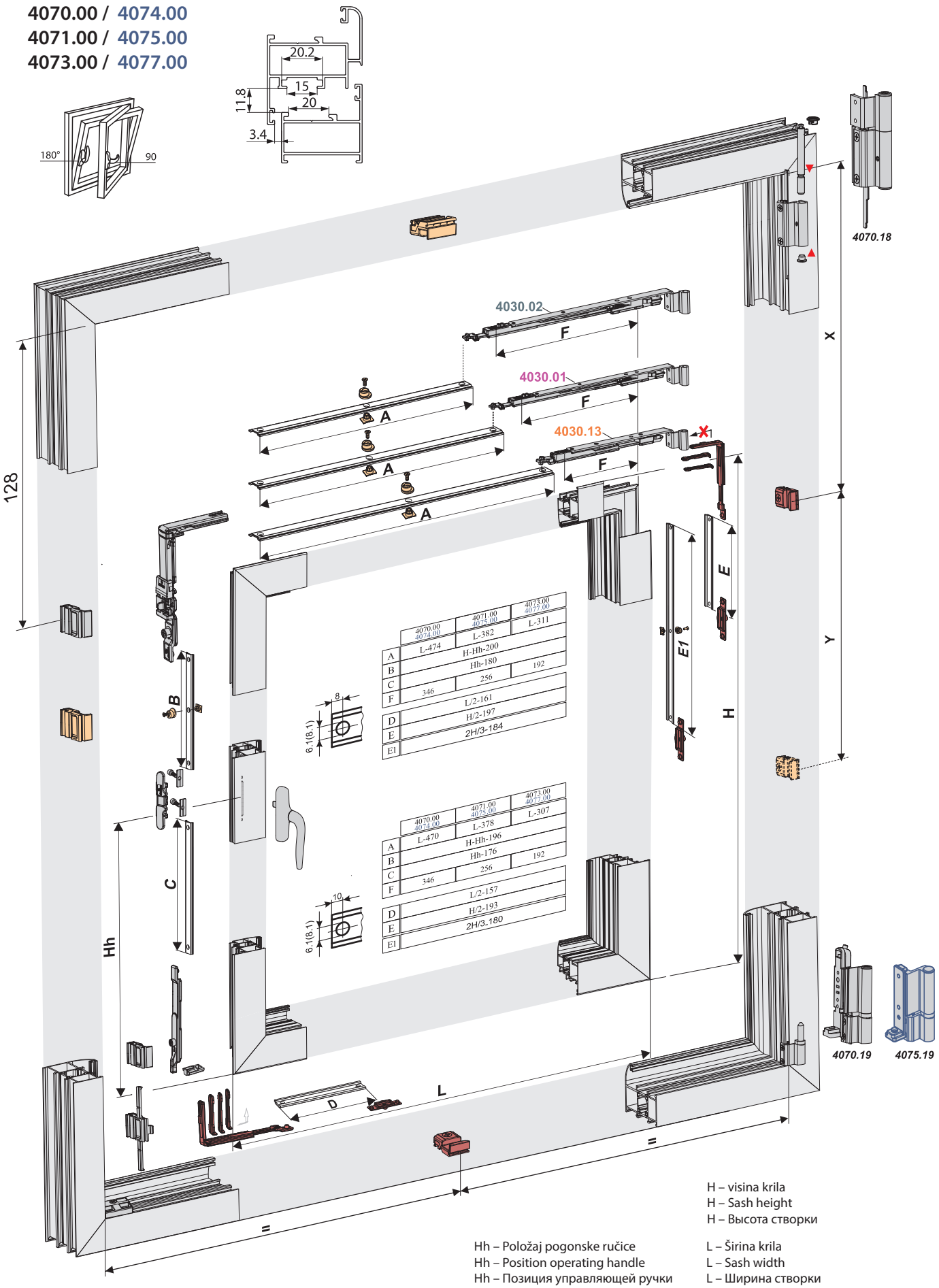
Dodatna garnitura (za horizontalno i vertikalno bravljenje)
Additional kit (for horizontal and vertical locking)
Дополнительный комплект горизонтального и вертикального запирания



H<1200, X= /
1200≤H<1800 X=H/2
1800≤H≤2400 X=H/3; Y=H/3



4070.00 / 4074.00
4071.00 / 4075.00
4073.00 / 4077.00



	4070.00 4074.00	4071.00 4075.00	4073.00 4077.00
A	L-474	L-382	L-311
B	H-Hh-200		
C	Hh-180		192
F	346	256	
D	L/2-161		
E	H/2-197		
E1	2H/3-184		

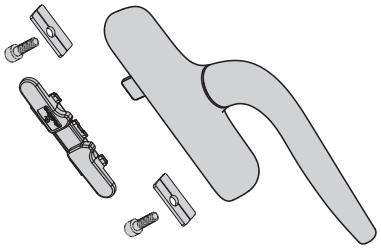
	4070.00 4074.00	4071.00 4075.00	4073.00 4077.00
A	L-470	L-378	L-307
B	H-Hh-196		
C	Hh-176		192
F	346	256	
D	L/2-157		
E	H/2-193		
E1	2H/3-180		

H – visina krila
H – Sash height
H – Высота створки

Hh – Položaj pogonske ručice
Hh – Position operating handle
Hh – Позиция управляющей ручки

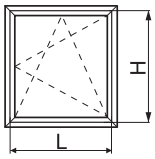
L – Širina krila
L – Sash width
L – Ширина створки

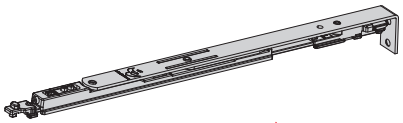
Garnitura/ Set/ Гарнитура **4070.00/U** | **4047.00** /Širina krila/ Sash width / Ширина створки/ 535-1200mm
Garnitura/ Set/ Гарнитура **4071.00/U** | **4036.00** /Širina krila/ Sash width / Ширина створки/ 445-535mm
Garnitura/ Set/ Гарнитура **4073.00/U** | **4038.00** /Širina krila/ Sash width / Ширина створки/ 375-535mm



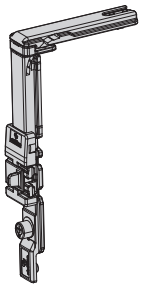
1100.00
Ručica sa priborom
Handle with accessories
Ручка с крепежным набором
(**Hh**min=210)

Set No. **Article No.**

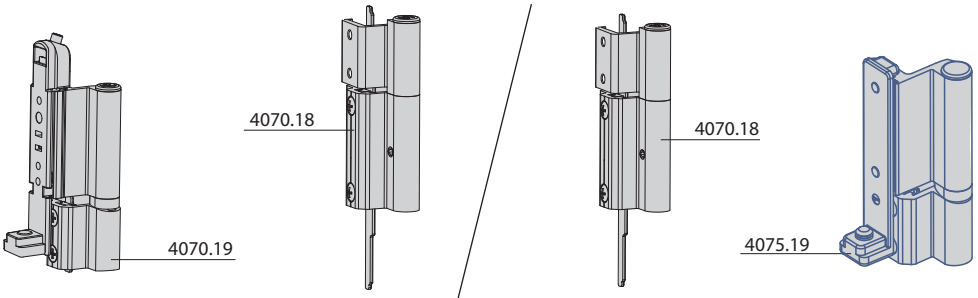




4070.00	4074.00	H=440-2400	L=535-1200	4030.02
4071.00	4075.00	H=440-2400	L=445-535	4030.01
4073.00	4077.00	H=440-1000	L=375-535	4030.13

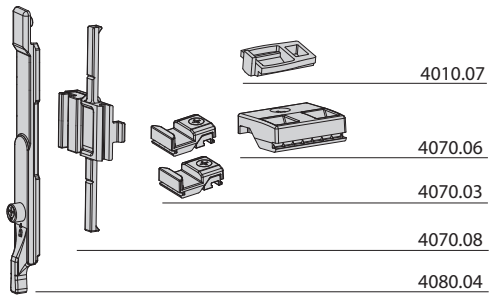


4070.20
Ugaoni prenosnik
Corner trasmission
Угловой переходник

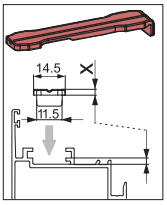


4070.30
Spojnice za prozor (okretno nagibno otvaranje)
Window hinges (turn and tilt systems)
Набор петель для поворотно наклоных створок

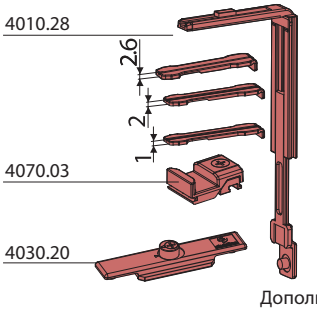
4075.30
Spojnice za prozor (okretno nagibno otvaranje)
Window hinges (turn and tilt systems)
Набор петель для поворотно наклоных створок



4070.50
Osnovni set
Basic set
Базовый комплект

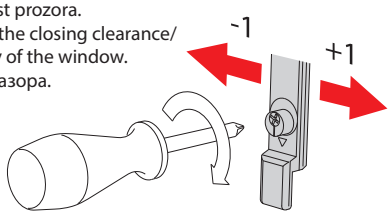


Artikal	X(mm)
4010.40.05	2.6
4010.40.06	1
4010.40.07	2

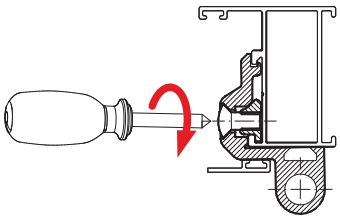


4170.40
Dodatna garnitura (za horizontalno i vertikalno bravljenje)
Additional kit (for horizontal and vertical locking)
Дополнительный комплект горизонтального и вертикального запирания

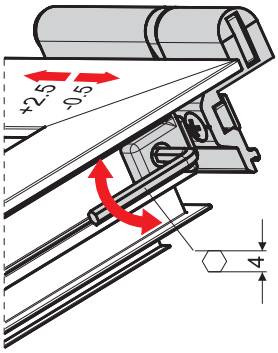
Podešavanje zazora zatvaranja/
nepropustljivost prozora.
Adjustment of the closing clearance/
impermeability of the window.
Регулировка зазора.



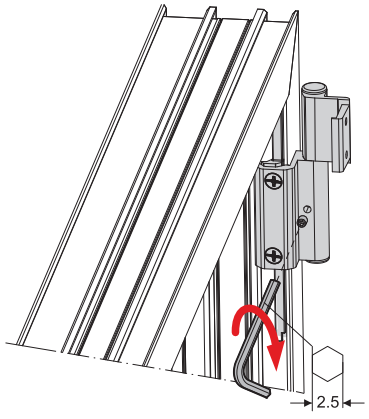
Pozicioniranje tela gornje i donje spojnice
Positiong of the top and bottom hinge body
Регулировка положения верхней и нижней петли



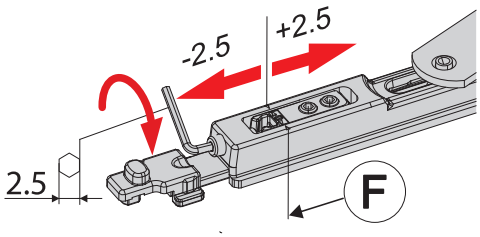
Vertikalno podešavanje krila
Vertical adjustment of the sash
Вертикальная регулировка створки



Fiksiranje krila i tela spojnice
-Zavrtanj M5x8 (DIN 914) zaviti do kraja
Fixing of the hinge body and the wing
-The screw M5x8 (DIN 914) is supposed
to be tightened until the limit
Фиксирование основания и крыла петли
-Винт M5x8 (DIN 914) закрутить до упора



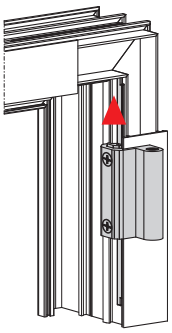
Horizontalno podešavanje krila
Horizontal adjustment of the sash
Горизонтальная регулировка створки



Montaža ležišta gornje spojnice:
- postaviti nosač spojnice u krajnji
gornji položaj u žljeb štoka,
- spojiti spojnicu zavrtnjevima za nosač.

The assembly of the top hinge body:
-the hinge carrier is to be set in the final
top position in the groove
of the casement frame,
-the hinge is to be connected
to the carrier by the screws.

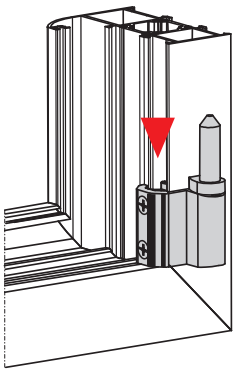
Монтаж верхней петли:
- поставить крепежную планку петли
в максимально высокое положение,
- привинтить петлю к крепежной планке.



Montaža ležišta donje spojnice:
- postaviti nosač spojnice u krajnji donji
položaj u žljeb štoka,
- spojiti spojnicu zavrtnjevima za nosač

The assembly of the bottom hinge body:
- the hinge carrier is to be set in the final
bottom position in the groove of the casement frame,
- the hinge is to be connected to the carrier by the screws.

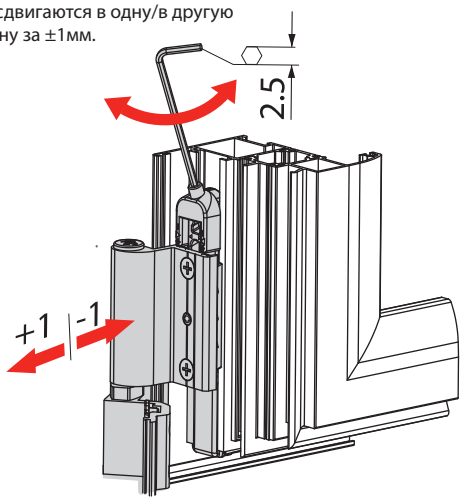
Монтаж нижней петли:
- поставить крепежную планку петли в
максимально низкое положение,
- привинтить петлю к крепежной планке.

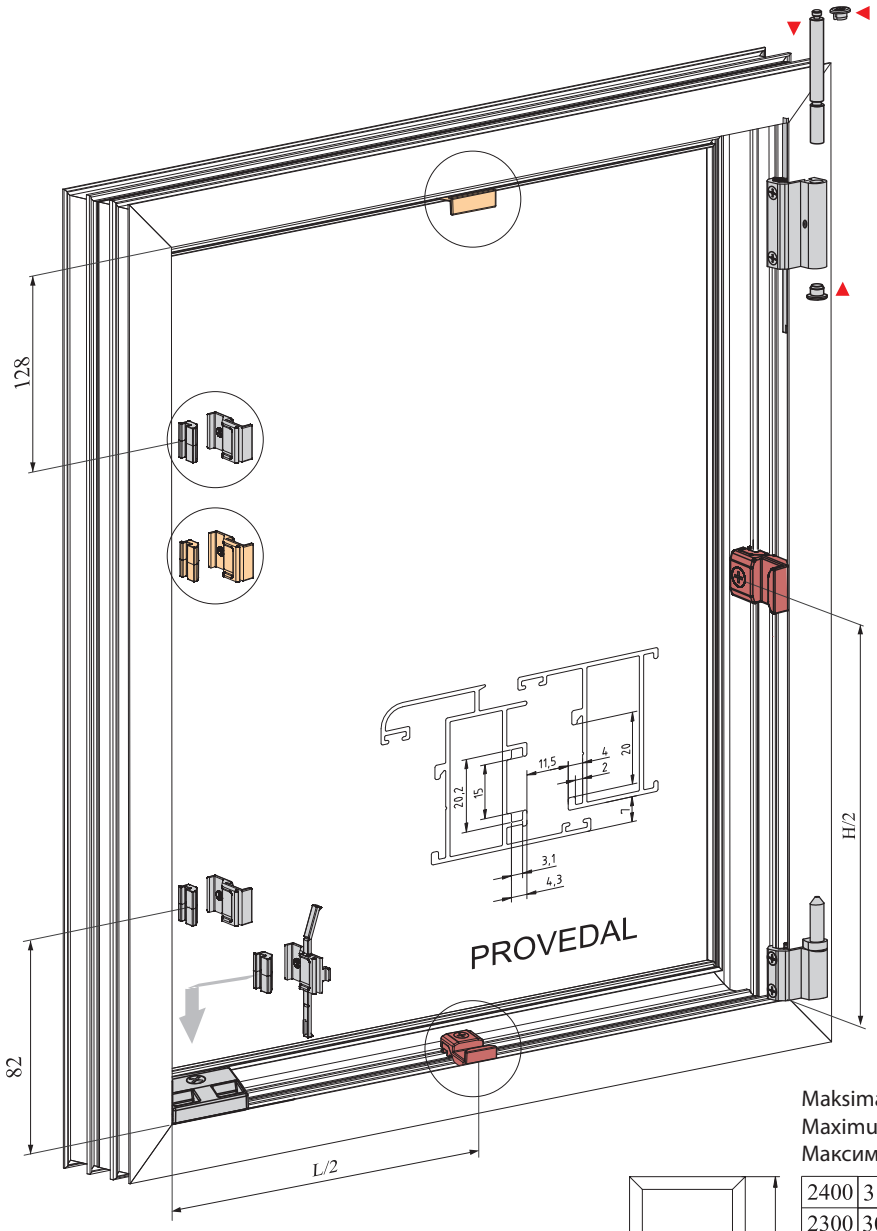


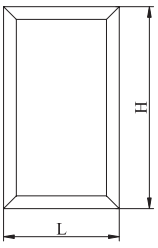
Zavijanjem/odvijanjem zavrtnja
na nosaču spojnice pomoću imbus ključa
prozor se pomera u jednu/drugu
stranu za ±1mm.

The window could be moved
on one/the other side for ±1mm
by tightening/untightening of the screw
on the hinge carrier with the
hexagon hollow screw spanner.

Закрутить/открутить
шестигранником винт на основе петли,
окно сдвигаются в одну/в другую
сторону за ±1мм.







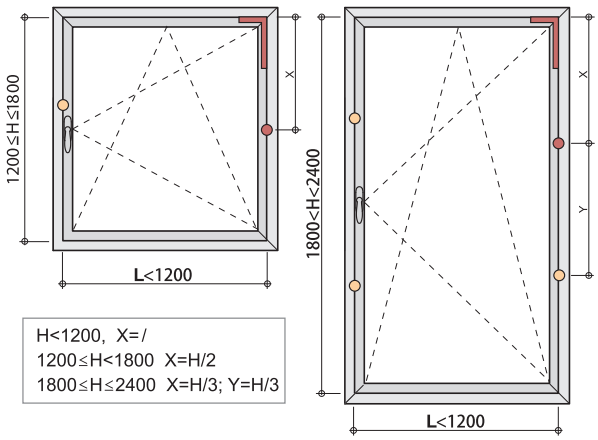
Maksimalna težina krila 80kg
Maximum sash weight 80kg
Максимальный вес створки 80кг

H / L	425	535	600	700	800	900	1000	1100	1200
2400	31	24	22	19	16	15	13	12	11
2300	30	27	23	20	17	15	14	13	11
2200	30	27	24	20	18	16	14	13	12
2100	30	28	25	21	19	17	15	14	12
2000	30	30	26	22	20	17	16	14	13
1900	30	30	28	24	21	18	16	15	14
1800	30	30	30	25	22	19	17	16	15
1700	30	30	31	26	23	20	18	17	14
1600	30	30	30	28	25	22	20	18	16
1500	30	30	30	30	26	23	21	19	17
1400	30	30	30	30	28	25	22	20	18
1300	30	30	30	30	30	27	25	20	20
1200	30	30	30	30	30	29	26	23	20
1100	30	30	30	30	30	30	26	23	20
1000	30	30	30	30	30	30	26	23	20
900	30	30	30	30	30	30	26	23	17
800	30	30	30	30	30	30	25	20	16
700	30	30	30	30	30	26	25	19	14
600	30	30	30	30	30	26	25	17	x
500	30	30	30	30	30	23	x	x	x
440	30	30	30	30	30	x	x	x	x

☒ Neizvodljivo /Unfeasible/ Неосуществимо

Debljina stakla
Glass thickness
Толщина стекла

mm	kg/m2
6	15
8	20
10	25
12	30
14	35
16	40
18	45
20	50
22	55
24	60
26	65
28	70
30	80
32	85
34	90
36	95
38	100
40	105
42	110
44	115
46	120
48	125

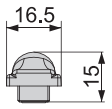


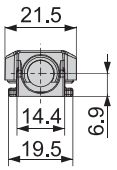
H<1200, X=/
1200≤H<1800 X=H/2
1800≤H≤2400 X=H/3; Y=H/3

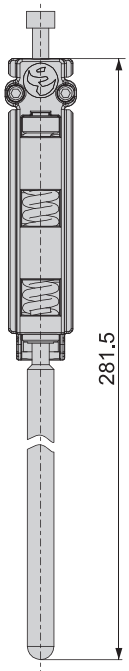
Dodatni oslonac

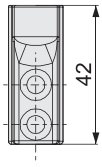
Additional support

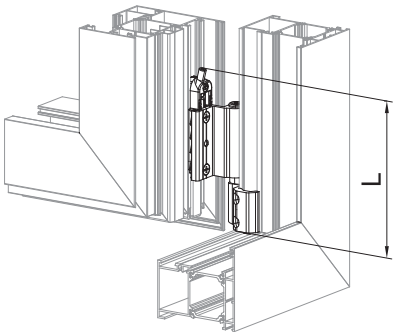
Дополнительная поддержка









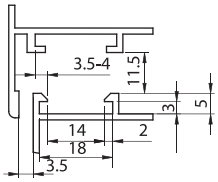


SR / Tehničke informacije:
- Proizveden od legure cinka livenjem pod visokim pritiskom i nerđajućeg čelika.
- Opruga od opružnog čelika.

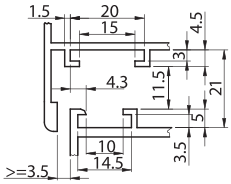
EN / Technical information:
- Manufactured of zinc alloy by die-casting and stainless steel
- Spring made from steel

RU / Техническая информация:
- Изготовлен из сплава цинка, методом литья под высоким давлениеми и из нержавеющей стали.
- Пружина изготовлена из стали.

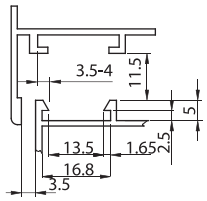
Euro 1



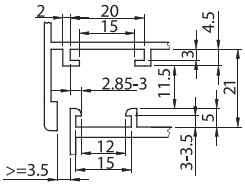
Euro 3

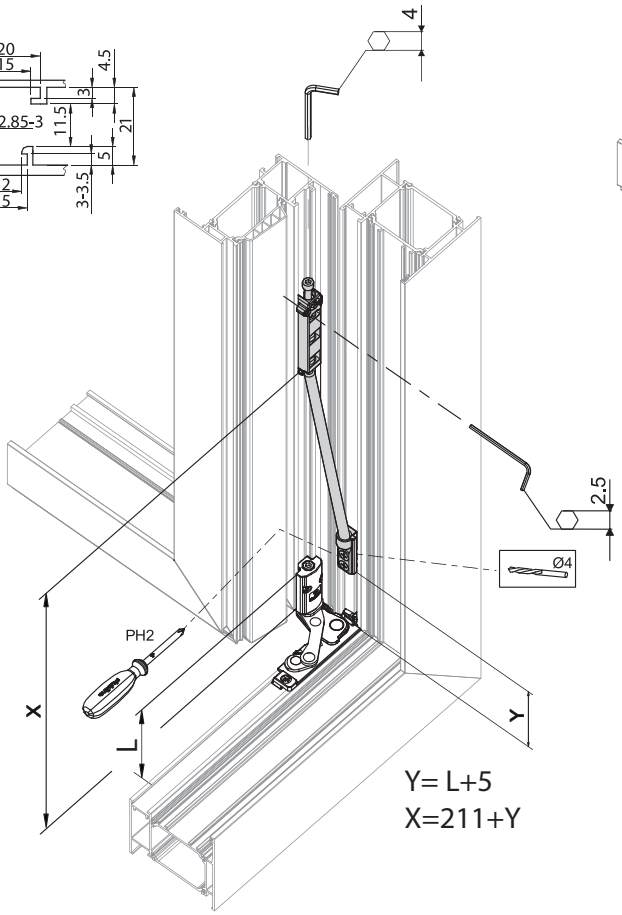


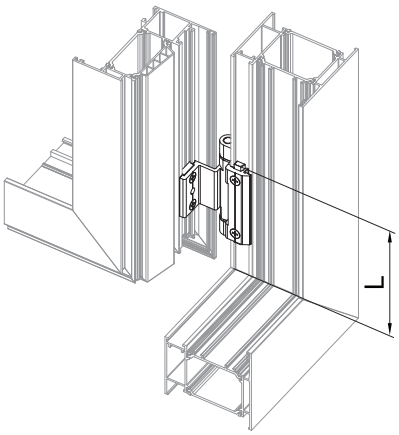
Euro 2

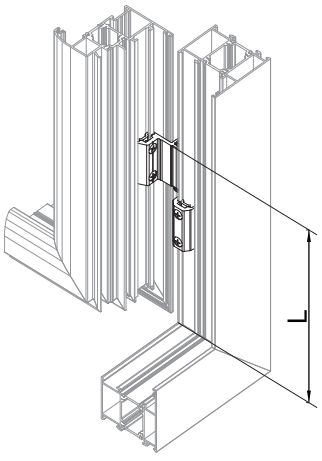


Euro 4





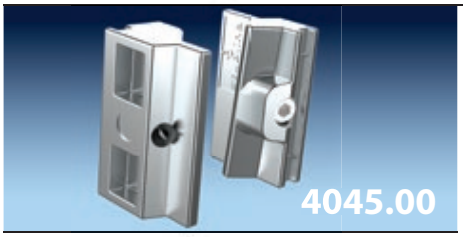


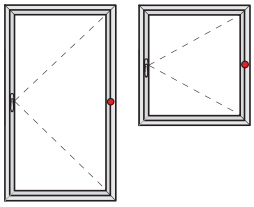


Dodatno bravljenje između spojnica

Additional locking between hinges

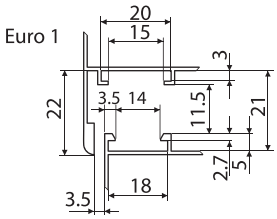
Дополнительное уплотнение между соединителями

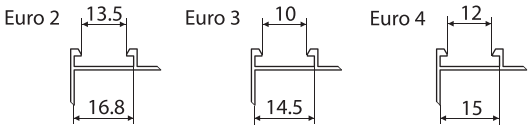


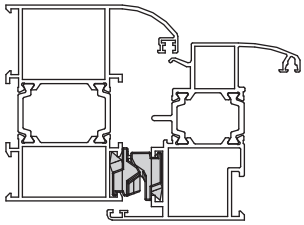


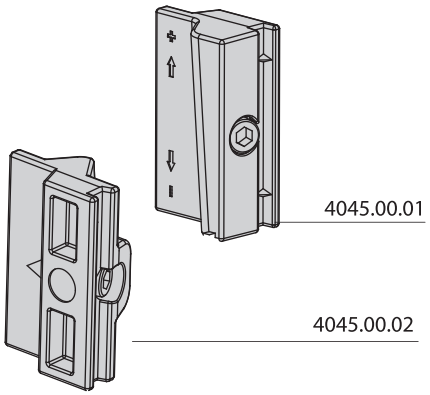
Elemnti dodatnog bravljenja između spojnica
Additional locking elements between the hinge
Элементы для дополнительного запирания

Primena:
Za sve sisteme aluminijumskih prozora i vrata sa standardnim euro žljebom za smeštaj okova.
Application:
For all window and door aluminium systems with a standard euro-groove for hardware installation.
Применение:
Для запирания поворотных и поворотно-наклонных створок из алюминиевого профиля с евро-пазом.

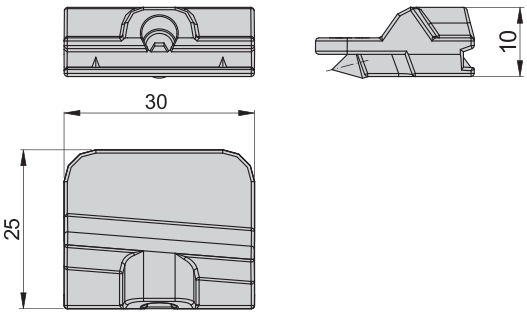


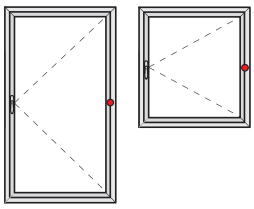


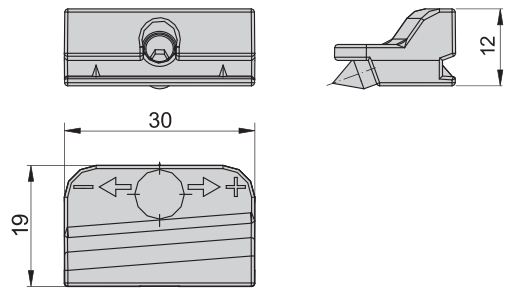


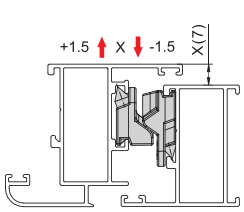


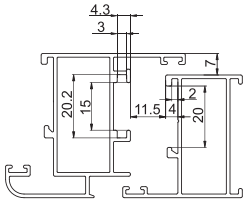
Primena:
za **PROVEDAL** sisteme aluminijumskih prozora i vrata.
Use:
For the PROVEDAL systems of aluminium windows and door.
Применение:
дла створок из алюминиевого профиля системы PROVEDAL.

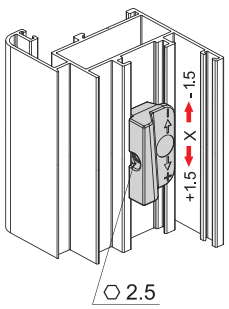


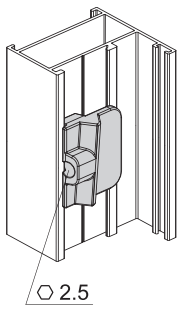


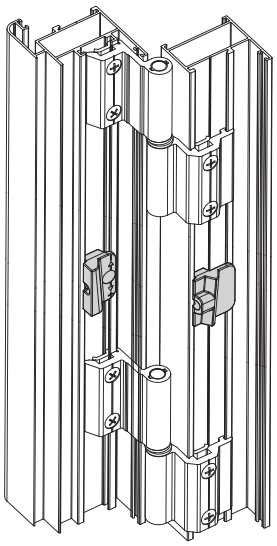








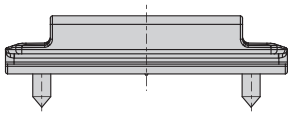


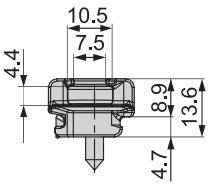


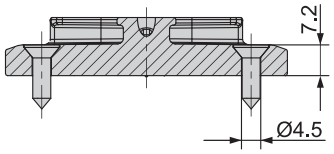
Sigurnosni prihvatnik

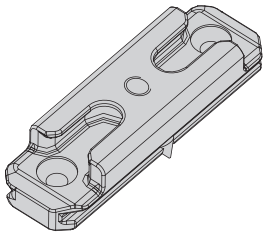
Anti-burglary acceptor

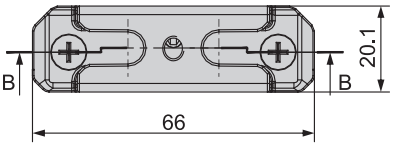
Противовзломная ответная планка для цапфы











SR / Tehničke informacije:

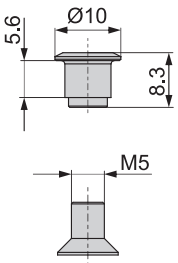
• Proizveden od legure cinka livenjem pod visokim pritiskom i nerđajućeg čelika.

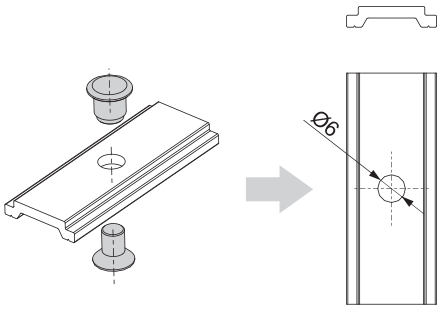
EN / Technical information:

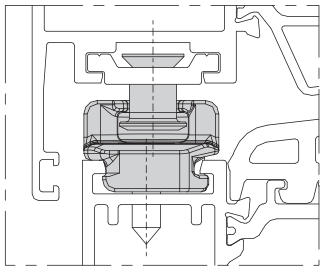
• Manufactured of zinc alloy by die-casting and stainless steel

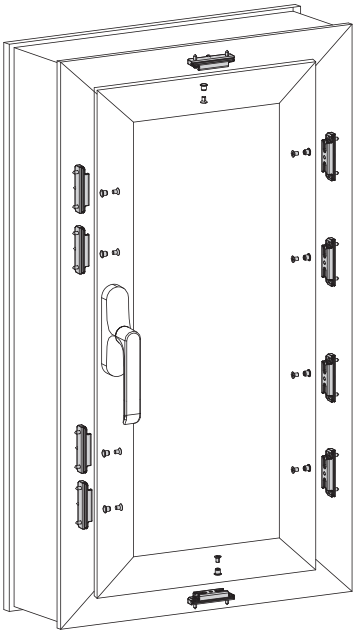
RU / Техническая информация:

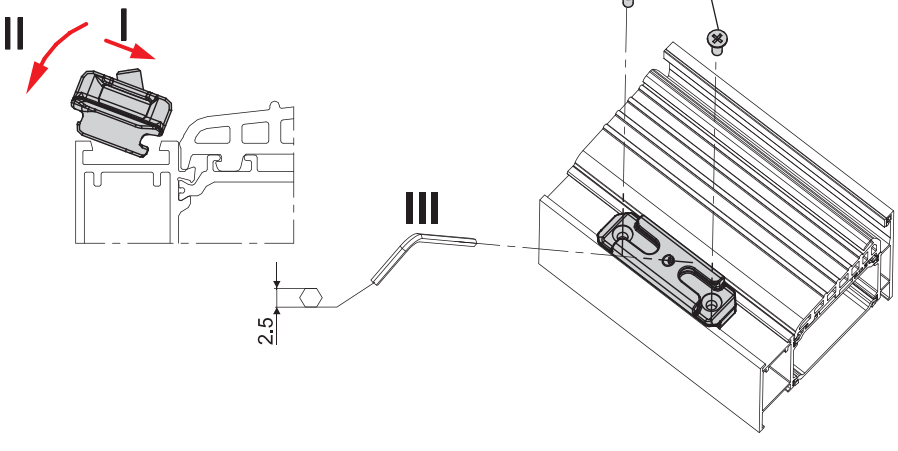
• Изготовлен из сплава цинка, методом литья под высоким давлениеми и из нержавеющей стали.











Uputstvo za ugradnju prihvatnika za mikroventilaciju – okretno otvaranje

Installation instruction for the micro-ventilation acceptance part (frame counter) - Turn opening

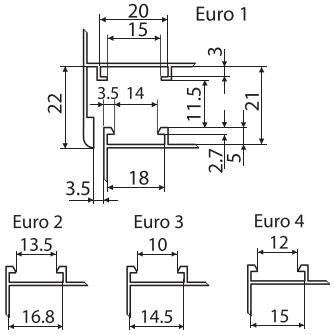
Монтаж запорной планки для функции микровентиляции – для поворотных створок

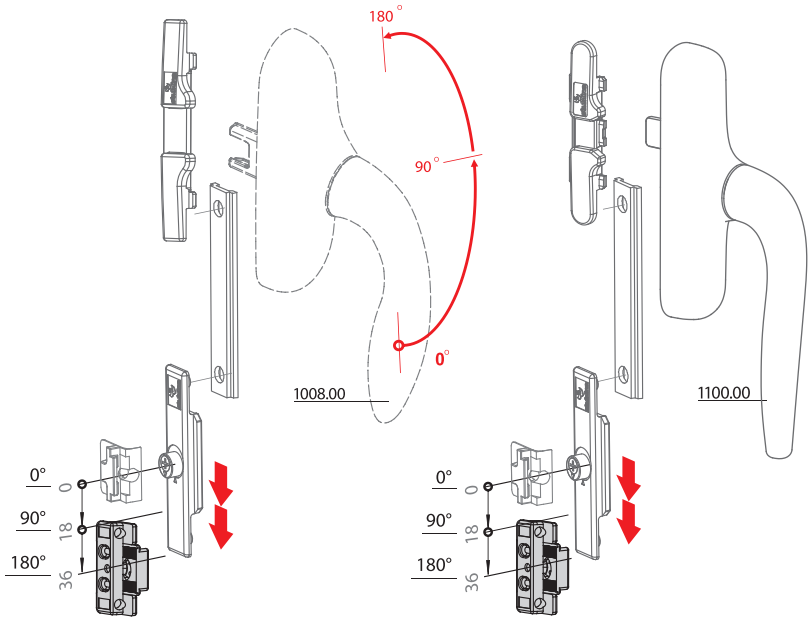
Primena:
Za sve sisteme aluminijumskih prozora i vrata
sa standardnim euro žljebom za smeštaj okova.
Application:
For all window and door aluminium systems
with a standard euro-groove for hardware installation.
Применение:
Для запирания поворотных и поворотно-наклонных
створок из алюминиевого профиля с евро-пазом.

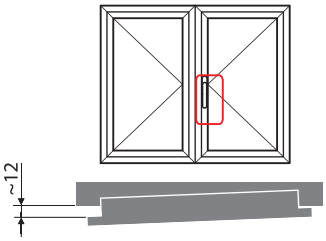
SR / Tehničke informacije:
- Nosač prihvatnika i prihvatnik od legure cinka.
- Zavrtnji od nerđajućeg celika.

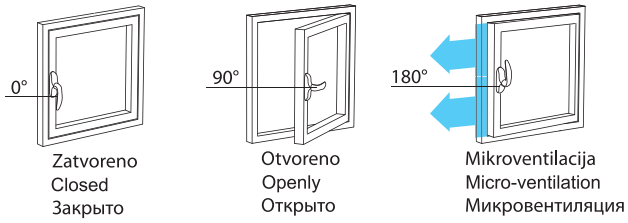
EN / Technical information:
- Carrier and acceptance part made of zinc alloy
- Stainless steel screws.

RU / Техническая информация:
- Держатель запорные планки и запорная планка изготовлены из цинкового сплава.
- Винты из нержавеющей стали.

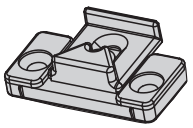








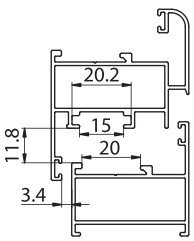
Primena:
Za PROVEDAL sisteme aluminijumskih prozora I vrata.
Application:
For the PROVEDAL systems of aluminium windows and door.
Применение:
Для створок из алюминиевого профиля системы ПРОВЕДАЛ.

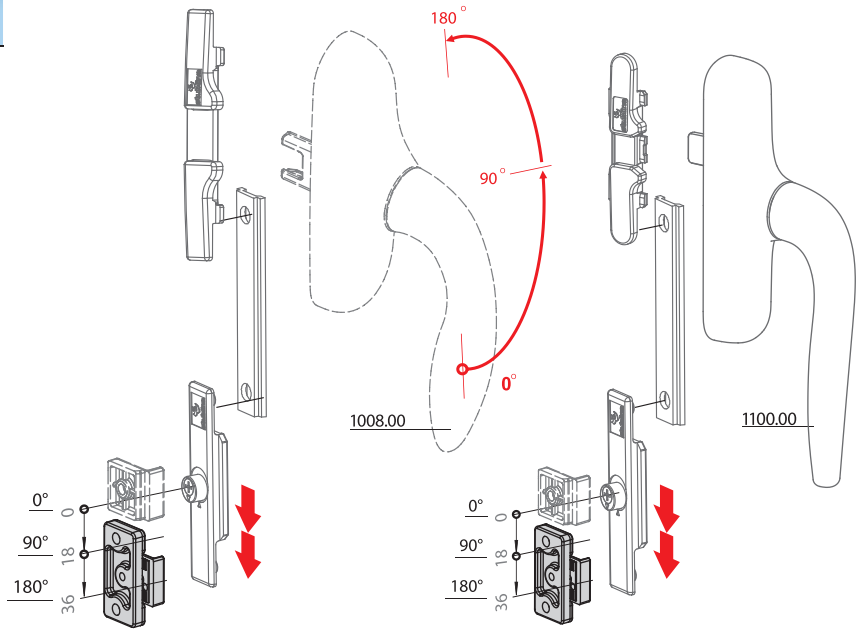


SR / Tehničke informacije:
- Nosač prihvatnika i prihvatnik od legure cinka.
- Zavrtnji od nerđajućeg celika.

EN / Technical information:
- Carrier and acceptance part made of zinc alloy
- Stainless steel screws.

RU / Техническая информация:
- Держатель запорные планки и запорная планка изготовлены из цинкового сплава.
- Винты из нержавеющей стали.





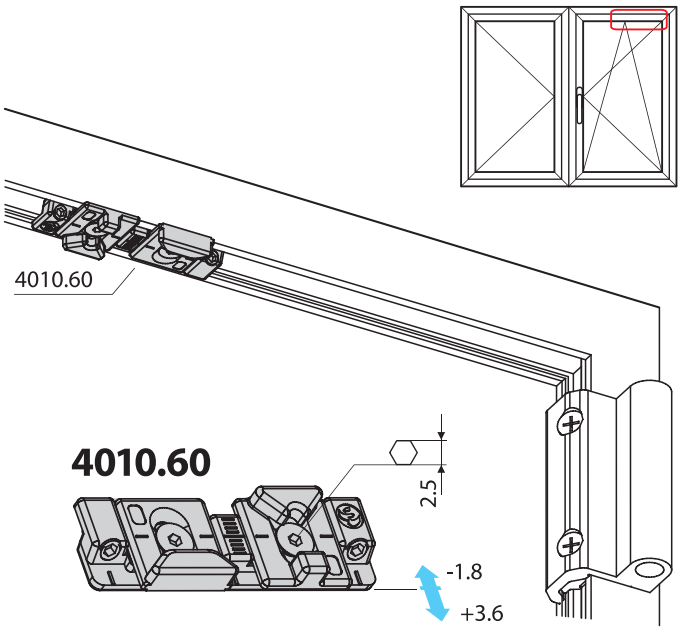
Uputstvo za ugradnju prihvatnika za mikroventilaciju–okretno-nagibno otvaranje
Installation instruction for the micro-ventilation acceptance part (frame counter)-Tilt and turn opening
Монтаж запорной планки для функции микровентиляции–для поворотно-наклонных створок

Primena:
Za sve sisteme aluminijumskih prozora i vrata
sa standardnim euro žljebom za smeštaj okova.
Application:
For all window and door aluminium systems
with a standard euro-groove for hardware installation.
Применение:
Для запирания поворотных и поворотно-наклонных
створок из алюминиевого профиля с евро-пазом.

SR / Tehničke informacije:
- Nosač prihvatnika i prihvatnik od legure cinka.
- Zavrtnji od nerđajućeg celika.

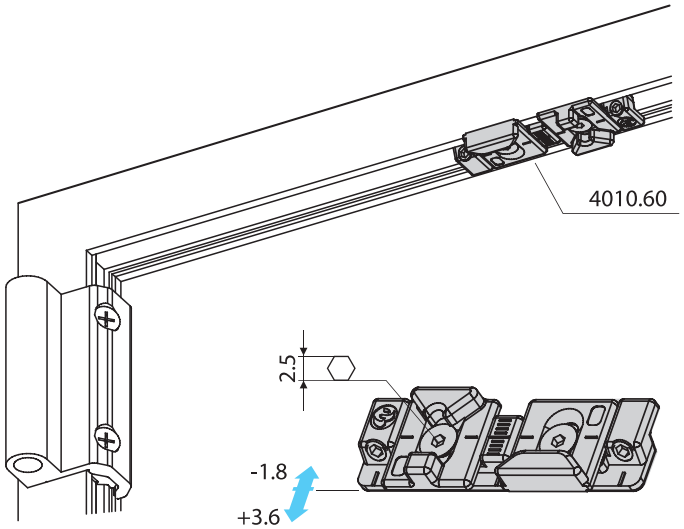
EN / Technical information:
- Carrier and acceptance part made of zinc alloy
- Stainless steel screws.

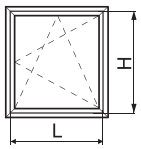
RU / Техническая информация:
- Держатель запорные планки и запорная планка изготовлены из цинкового сплава.
- Винты из нержавеющей стали.



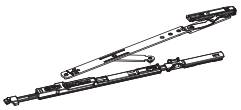
RW

LW

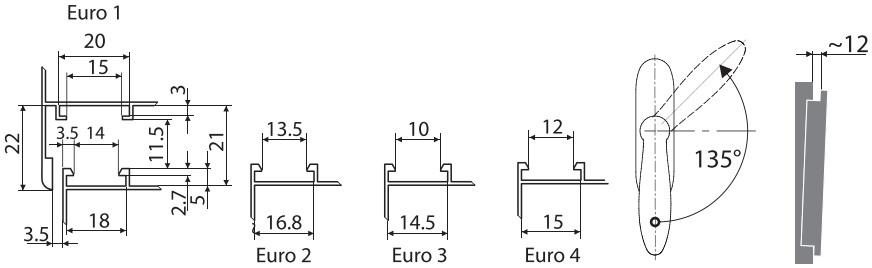


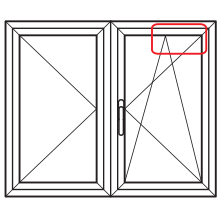


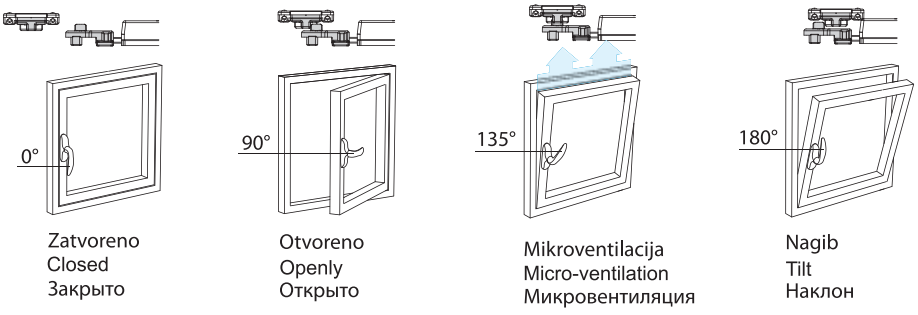
H=465-2400	L=535-1200	4030.02
H=465-2400	L=445-535	4030.01
H=465-2400	L=1200-1400	4030.05



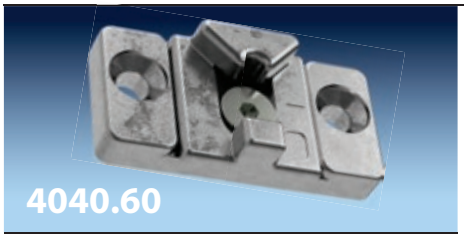
H=600-2400	L=584-1600	4115.18R(L)
H=600-2400	L=505-583	4116.18R(L)

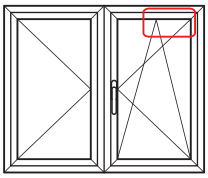




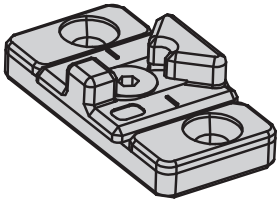


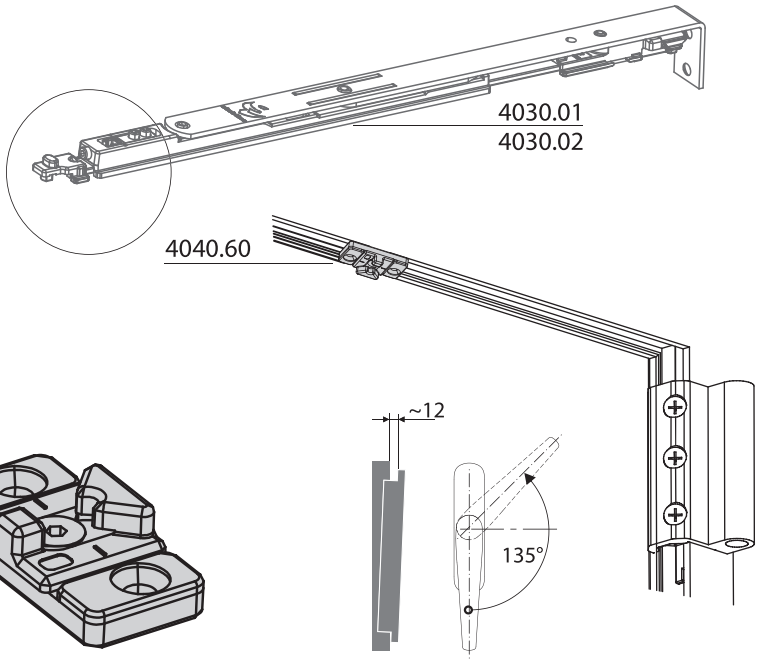
Uputstvo za ugradnju prihvatnika za mikroventilaciju–okretno-nagibno otvaranje
Installation instruction for the micro-ventilation acceptance part (frame counter)-Tilt and turn opening
Монтаж запорной планки для функции микровентиляции–для поворотно-наклонных створок

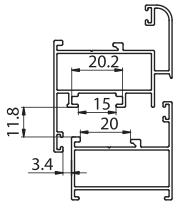


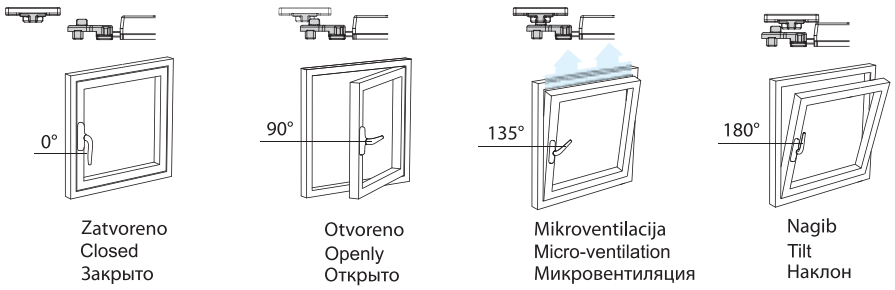


Primena: za PROVEDAL sisteme aluminijumskih prozora i vrata.
Use: for the PROVEDAL systems of aluminium windows and door.
Применение: дла створок из алюминиевого профиля системы PROVEDAL.









Zatvoreno
Closed
Закрыто

Otvoreno
Openly
Открыто

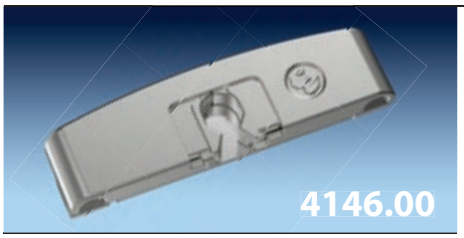
Mikroventilacija
Micro-ventilation
Микровентиляция

Nagib
Tilt
Наклон

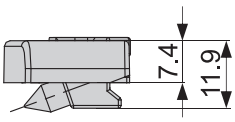
Stoper krila za balkonska vrata

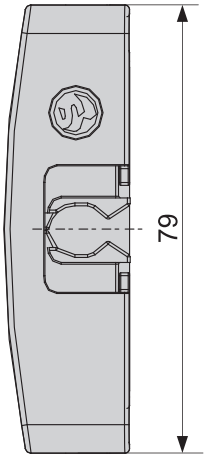
Wing stoper for balcony door

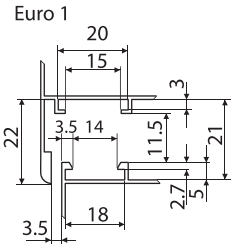
Защелка-фиксатор

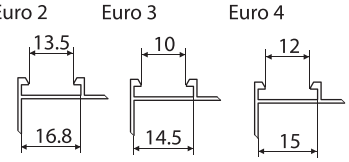


Primena:
za sve sisteme aluminijumskih prozora
i vrata sa standardnim euro žljebom
za smeštaj okova.
Application:
for all window and door aluminium systems
with a standard euro-groove for hardware
installation.
Применение:
для запирания поворотных и поворотно-
наклонных створок из алюминиевого
профиля с евро-пазом.

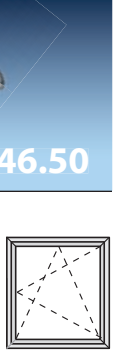


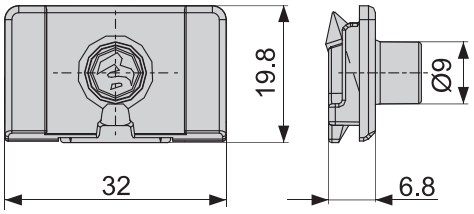


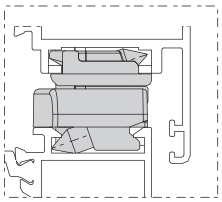




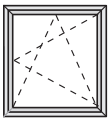
Montaža u euro žljeb
Installation in euro groove
Монтаж в европаз

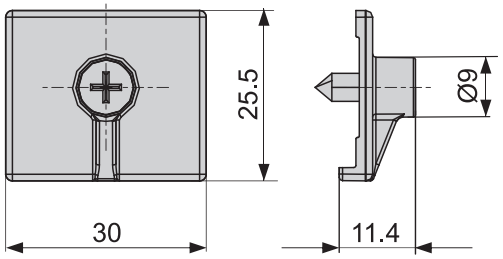


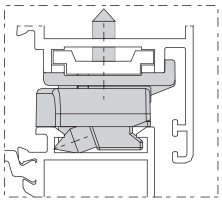


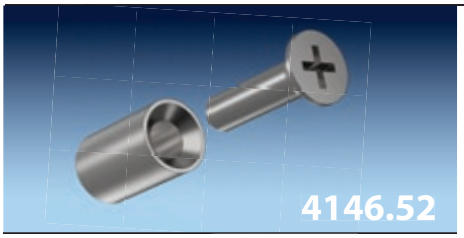


Montaža preko žljeba i potisne letve
Installation via groove and rods
Монтаж по паз и тяги

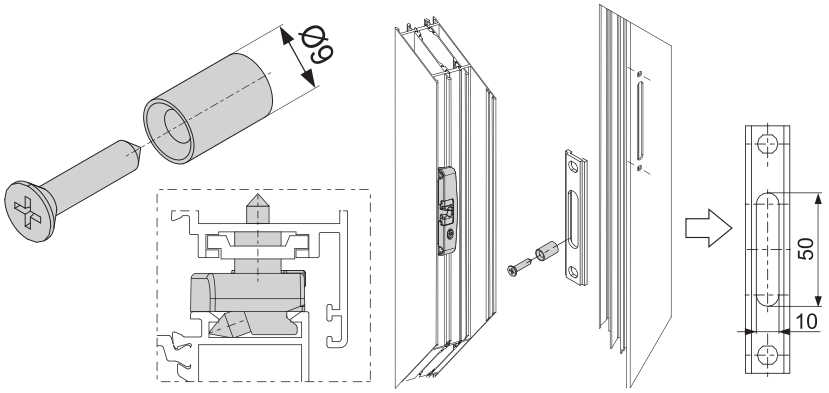








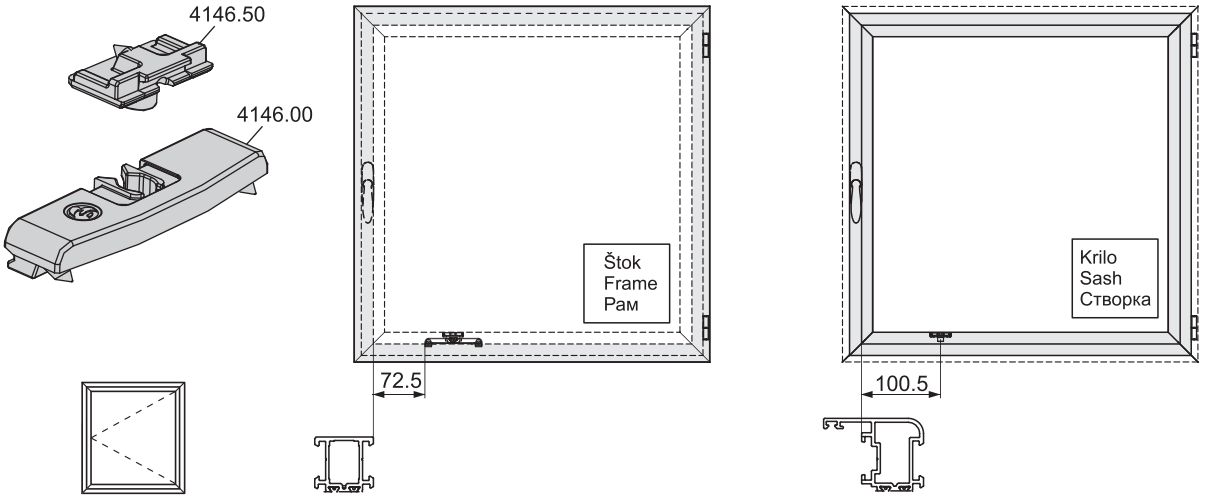
Montaža u žljeb kroz potisnu letvu
Монтаж в паз через тяги
Mounting in the groove through the rods

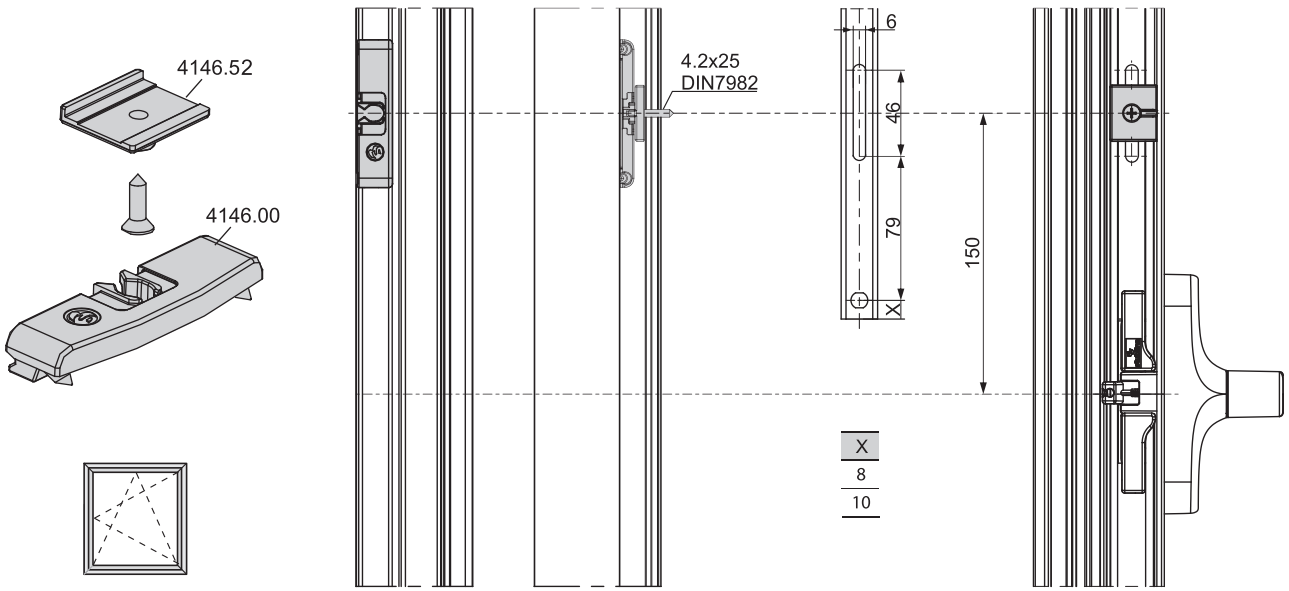


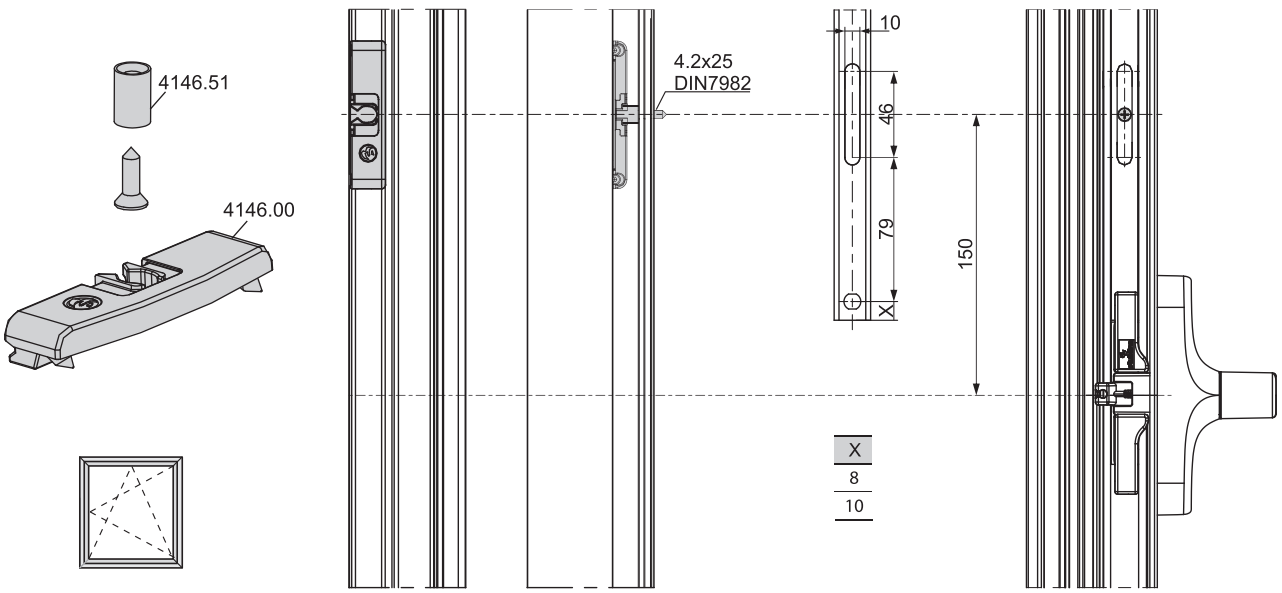
Stoper krila za balkonska vrata

Wing stoper for balcony door

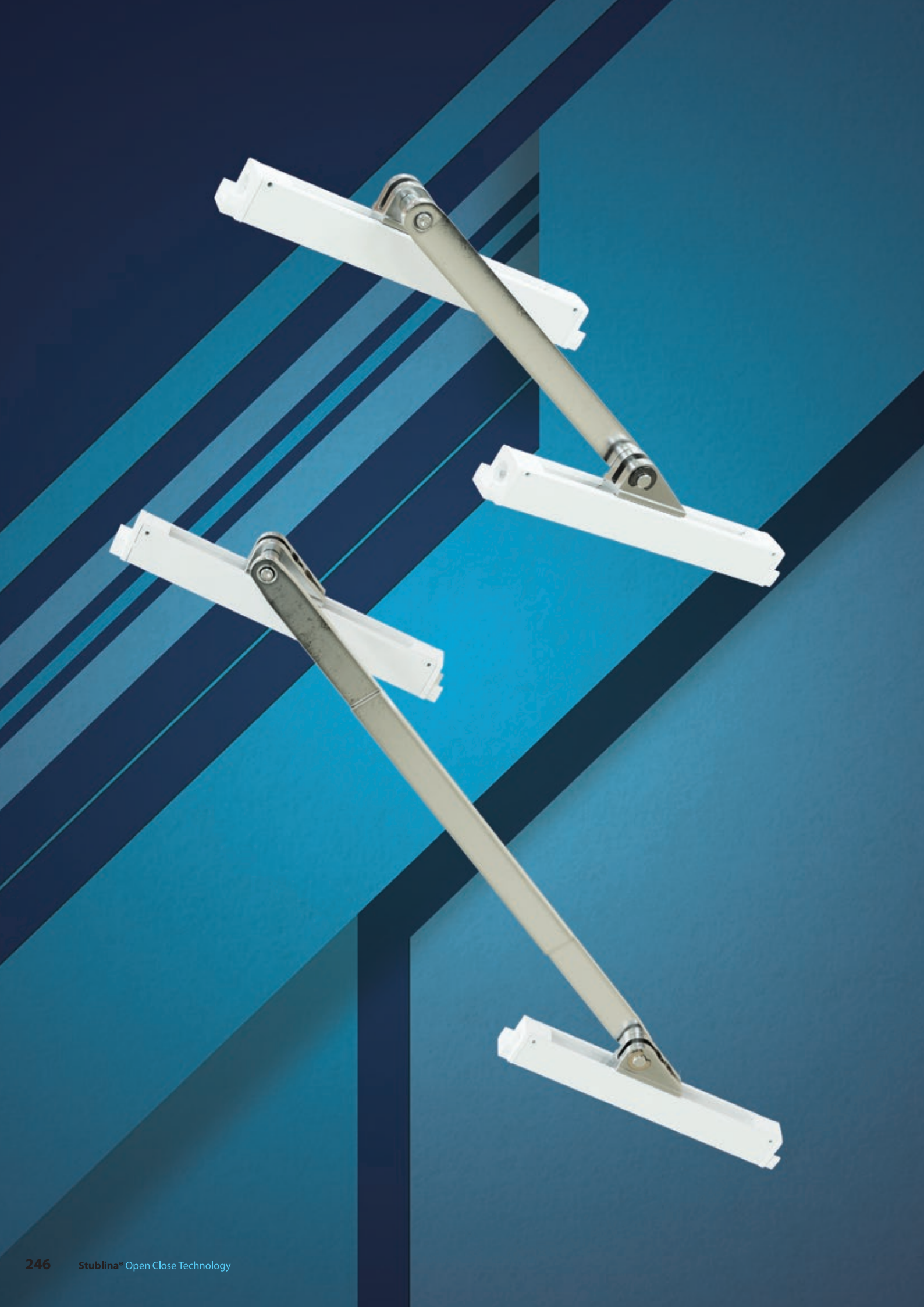
Защелка-фиксатор





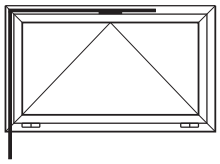


Napomena: U zavisnosti od primene kupac vrši odabir proizvoda. Svaki proizvod se posebno poručuje.
Note: Depending on the application, the customer selects the product. Each product is ordered separately.
Примечание: В зависимости от применения клиент выбирает продукт. Каждое изделие заказывается отдельно.



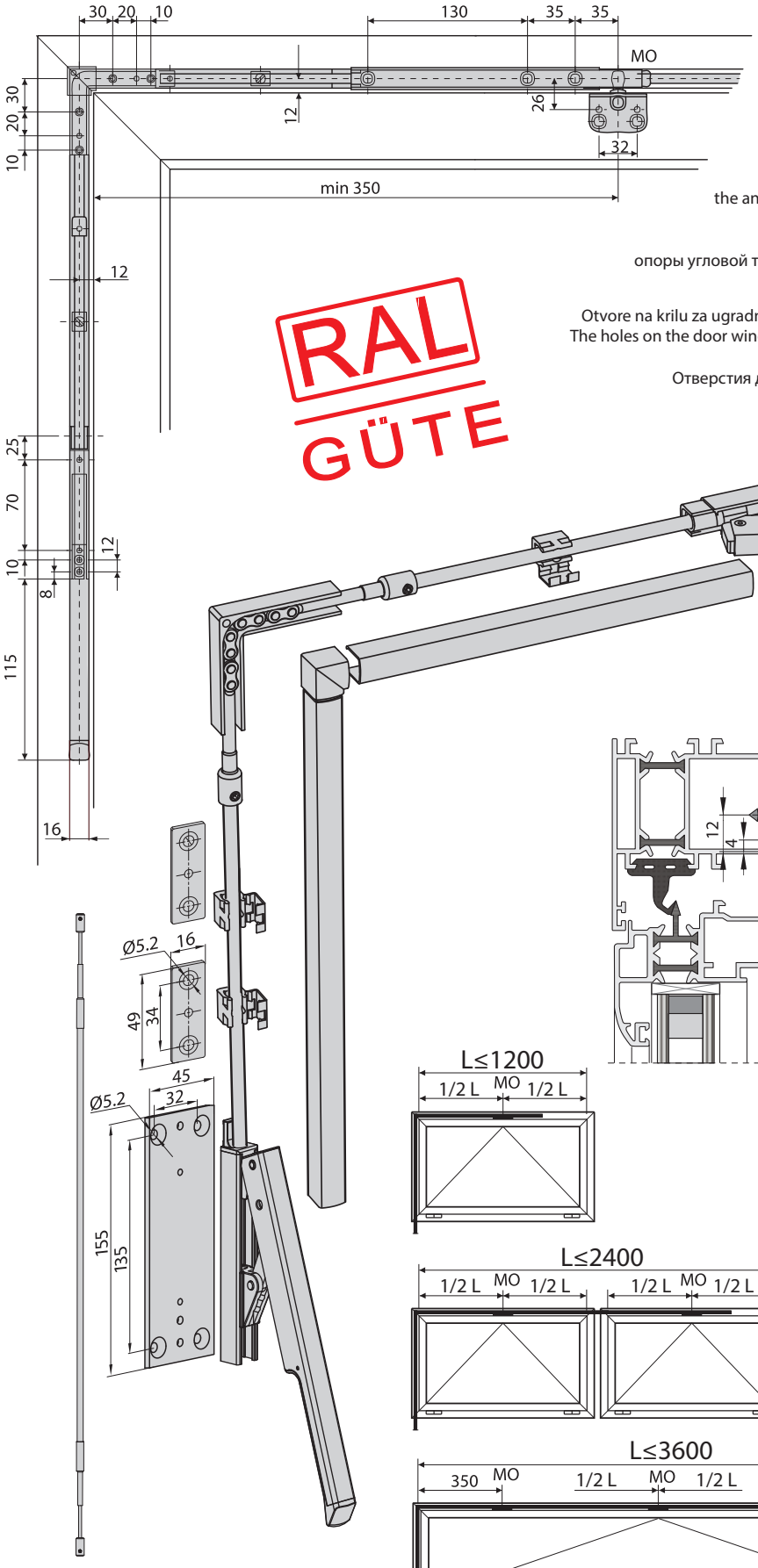
VENTUS okov
VENTUS hardware
ВЕНТУС скобяной прибор

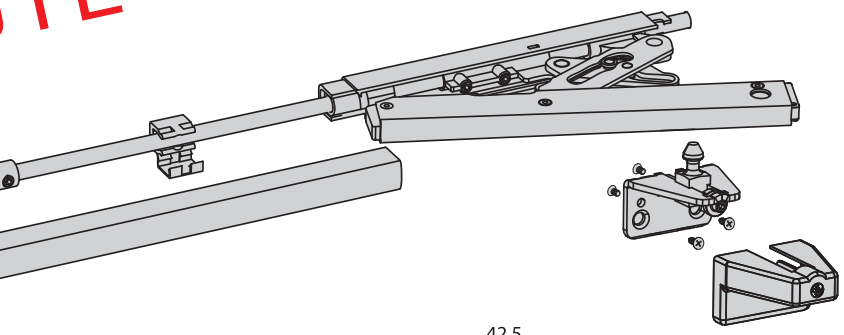
4020.00

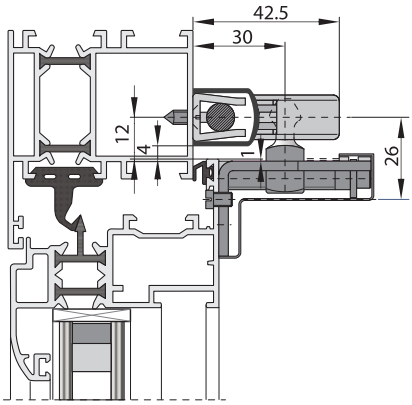


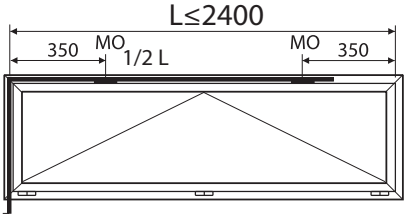
Otvore na štoku za ugradnju pogonske ručice 4020.30, ugaonog okova 4020.09 mehanizma otvarača 4020.20 bušiti na Ø3mm.
The holes on the door frame for the handle (4020.30), the angle hardware (4020.09) and the opener device (4020.20) are supposed to be drilled with Ø3mm.
Отверстия для монтажа управляющей ручки 4020.30, опоры угловой тяги 4020.09 и для опоры фрамужных ножниц 4020.20, просверливаются на раме диаметром Ø3мм.

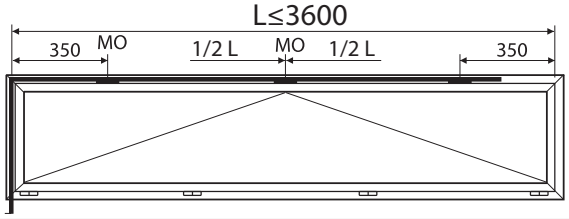
Otvore na krilu za ugradnju ugaonog nosača držača krila 4020.05 bušiti Ø5.2mm.
The holes on the door wing for the installation of the wings angle holder (4020.05) are supposed to be drilled with Ø5.2mm.
Отверстия для монтажа кронштейна держателя створки 4020.05, просверливаются на створке диаметром Ø5.2мм.









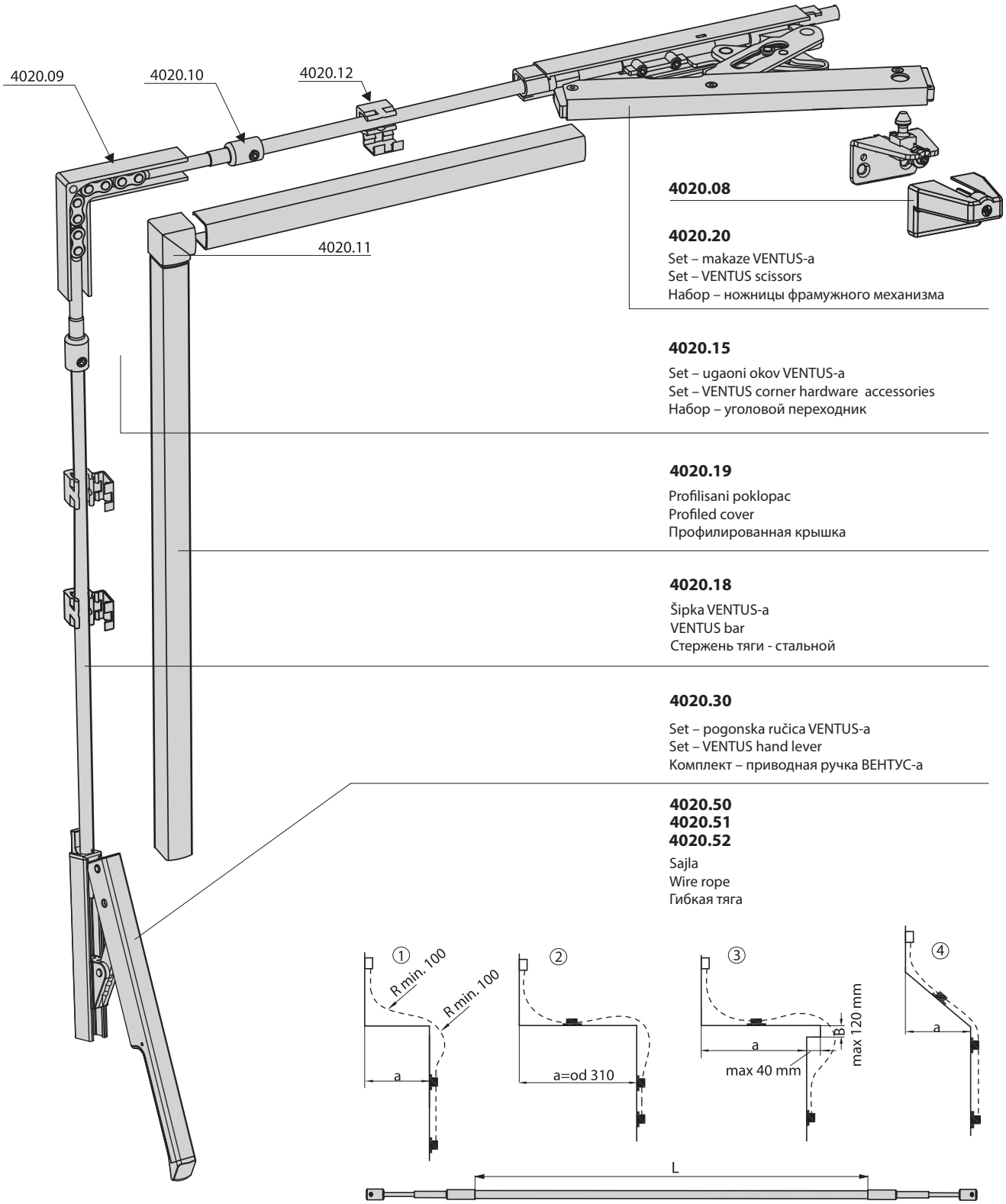


Legenda:
MO - Mehanizam otvarača
L- Širina krila

VENTUS okov
VENTUS hardware
ВЕНТУС скобяной прибор

4020.00

Kompletan VENTUS okov – mehanizam za svetlarnike
Complete VENTUS hardware – top hung skylight mechanism
Фрамужный механизм



4020.08

4020.20
Set – makaze VENTUS-a
Set – VENTUS scissors
Набор – ножницы фрамужного механизма

4020.15
Set – ugaoni okov VENTUS-a
Set – VENTUS corner hardware accessories
Набор – уголовой переходник

4020.19
Profilisani poklopac
Profiled cover
Профилированная крышка

4020.18
Šipka VENTUS-a
VENTUS bar
Стержень тяги - стальной

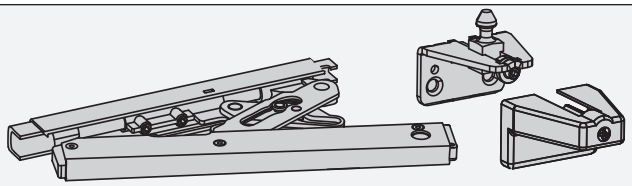
4020.30
Set – pogonska ručica VENTUS-a
Set – VENTUS hand lever
Комплект – приводная ручка ВЕНТУС-а

4020.50
4020.51
4020.52
Sajla
Wire rope
Гибкая тяга

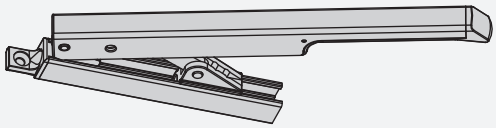
Karakteristike / Characteristics / Характеристики		
4020.50	L=600 mm	a=do 350mm
4020.51	L=1000 mm	a=do 650mm
4020.52	L=1250 mm	

VENTUS okov
VENTUS hardware
ВЕНТУС скобяной прибор

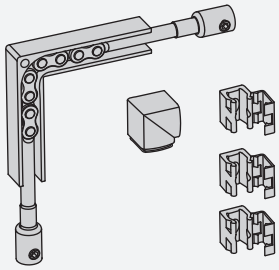
4020.20
Set – makaze VENTUS-a
Set – VENTUS scissors
Набор – ножницы фрамужного механизма



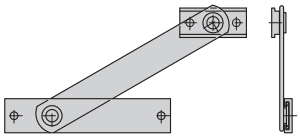
4020.30
Set – pogonska ručica VENTUS-a
Set – VENTUS hand lever
Комплект – приводная ручка ВЕНТУС-а



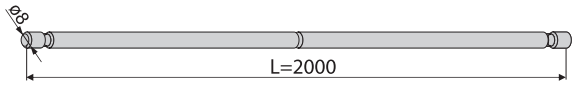
4020.15
Set – ugaoni okov VENTUS-a
Set – VENTUS corner hardware accessories
Набор – уголовой переходник



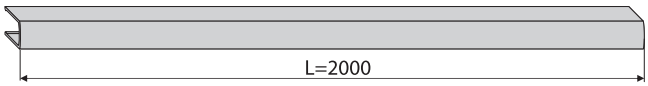
2007.00
Pomične makaze
Sliding scissors
Дополнительные ножницы



4020.18
Šipka VENTUS-a
VENTUS bar
Стержень тяги - стальной



4020.19
Profilisani poklopac
Profiled cover
Профилированная крышка

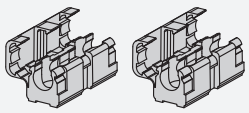


4020.18.1
Spojnica
Hinge
Соединитель для тяг

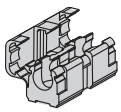
4020.50.06
Spojnica sajle
Joint of the wire rope
Кронштейн гибкой тяги

4020.80 Set vođica / Set of guiding part / Накладка

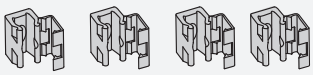
4020.60.10
Vođica sajle
Guiding part of the wire rope
Накладка



4020.60
Vođica sajle
Guiding part of the wire rope
Накладка

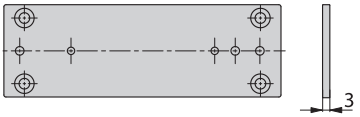


4020.65
PVC vođice
PVC guiding part
Накладка из полиамида

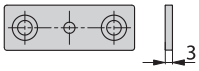


4020.65.10
PVC vođice
PVC guiding part
Накладка из полиамида

4020.70
Pločica za fiksiranje ručice
Fixing plate for handle
Фиксирующая пластина для ручки



4020.71
Pločica za fiksiranje vođice
Fixing plate for guiding part
Планка для крепления элемента тяги

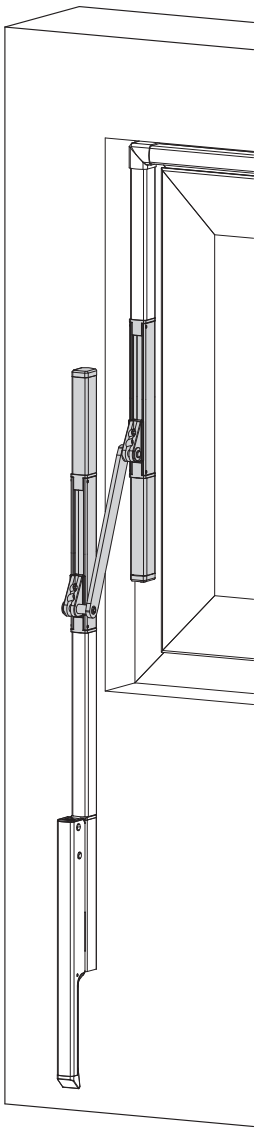


4020.72
Pločica za fiksiranje vođice sajle
Fixing plate for guiding part of the wire rope
Планка для крепления элемента тяги

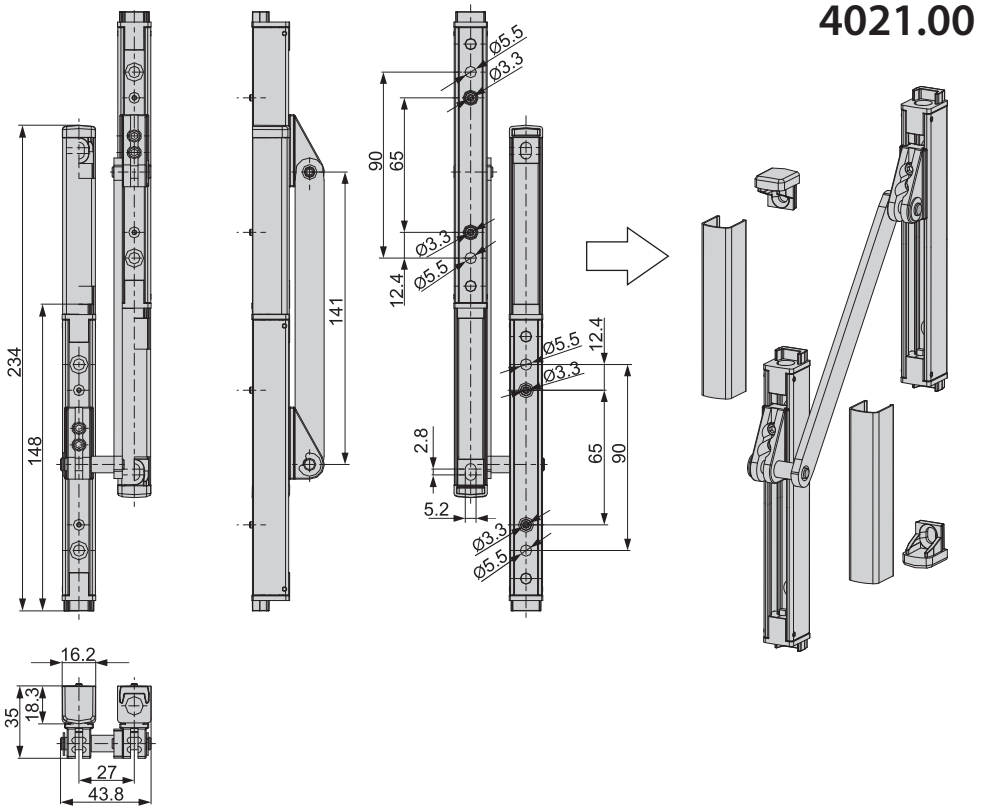
Translatorni prenosnik

Translational transmission

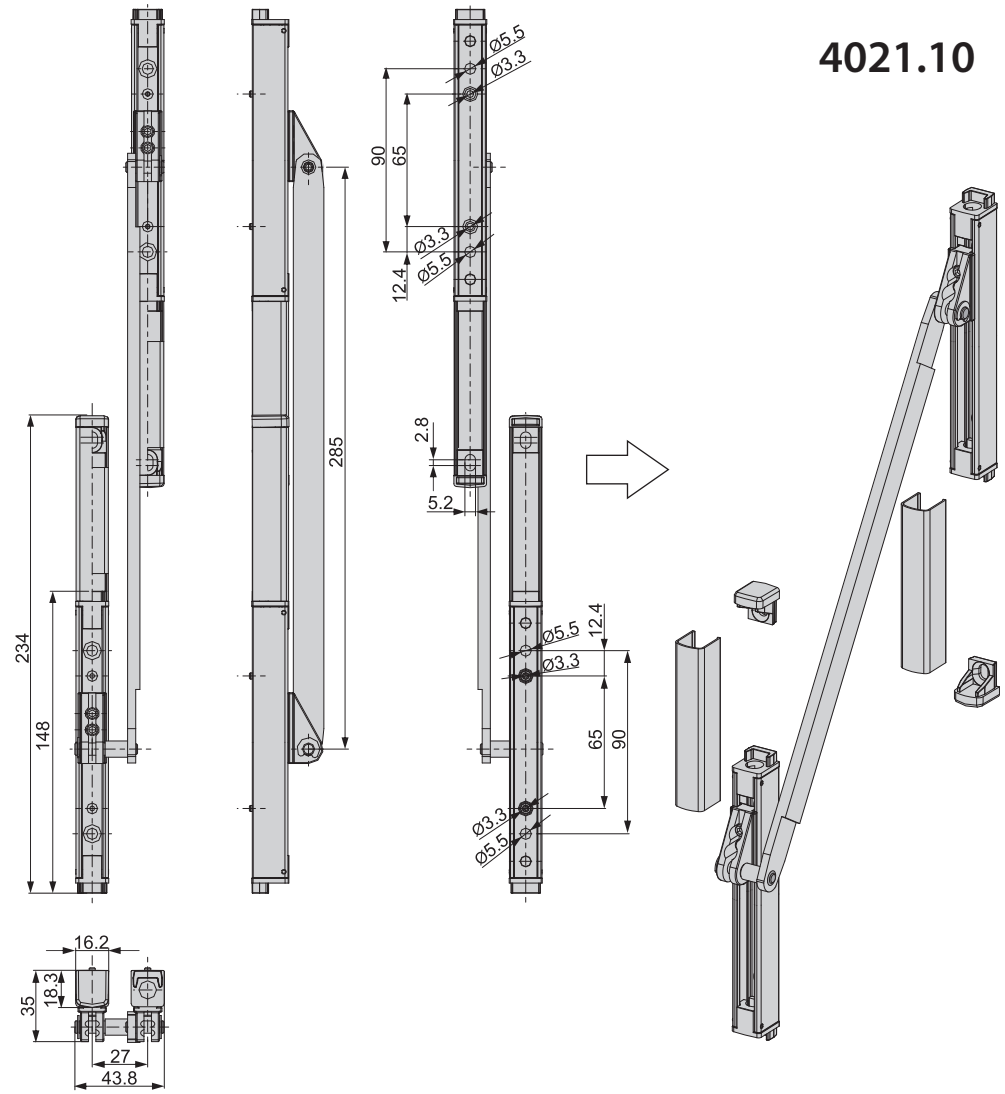
Передача для импоста и рамы



4021.00



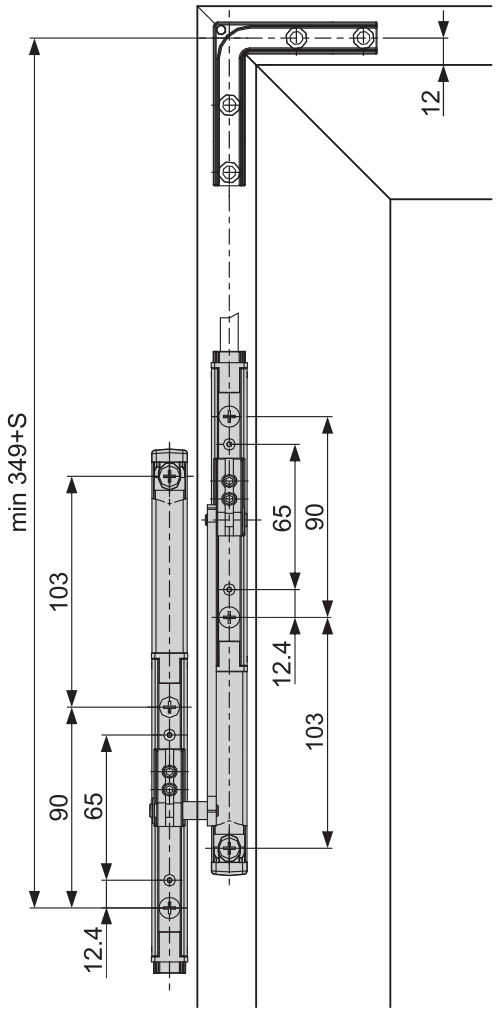
4021.10

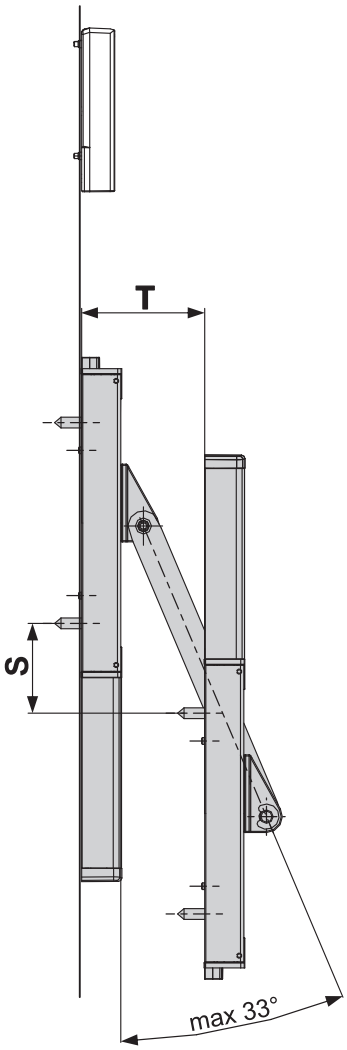


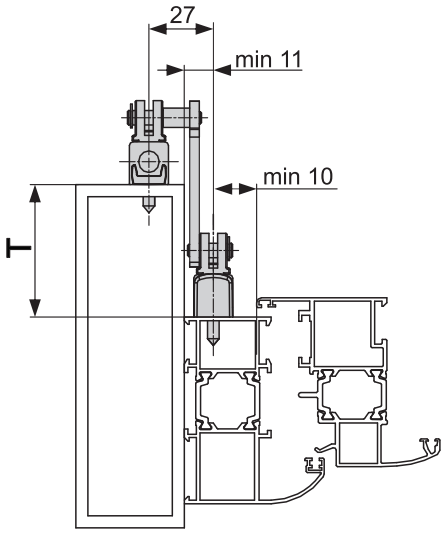
Translatorni prenosnik

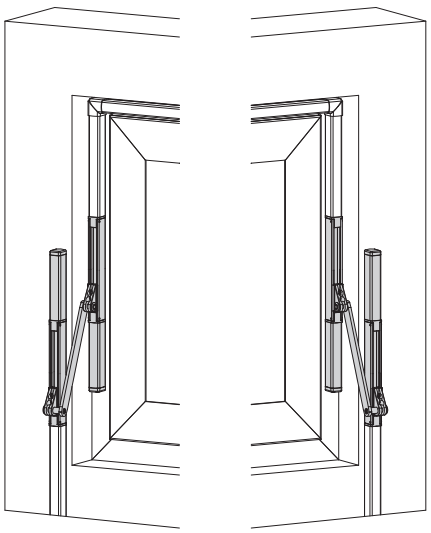
Translational transmission

Передача для импоста и рамы







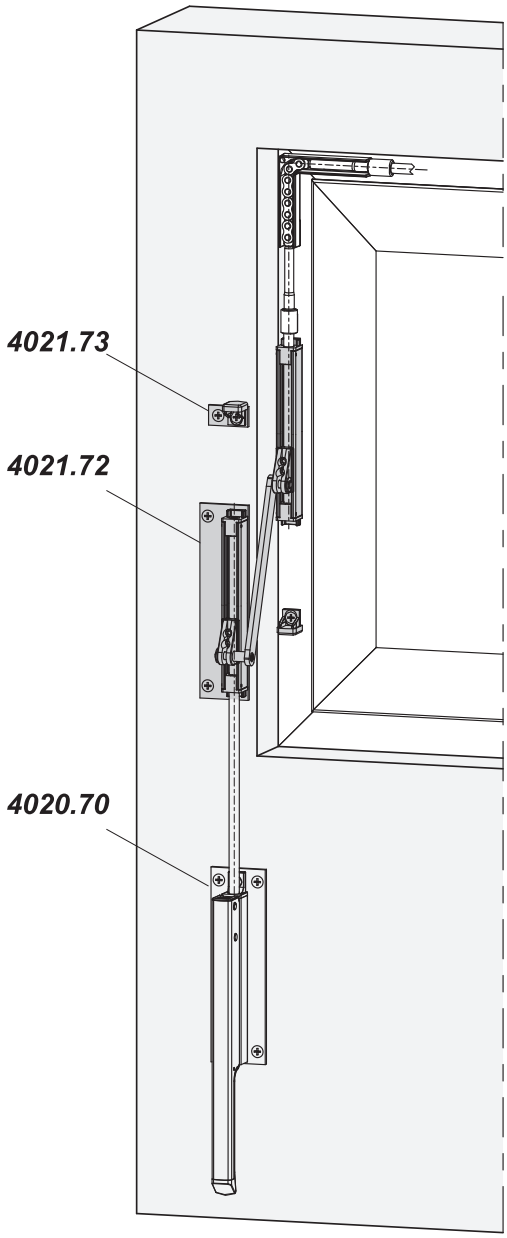


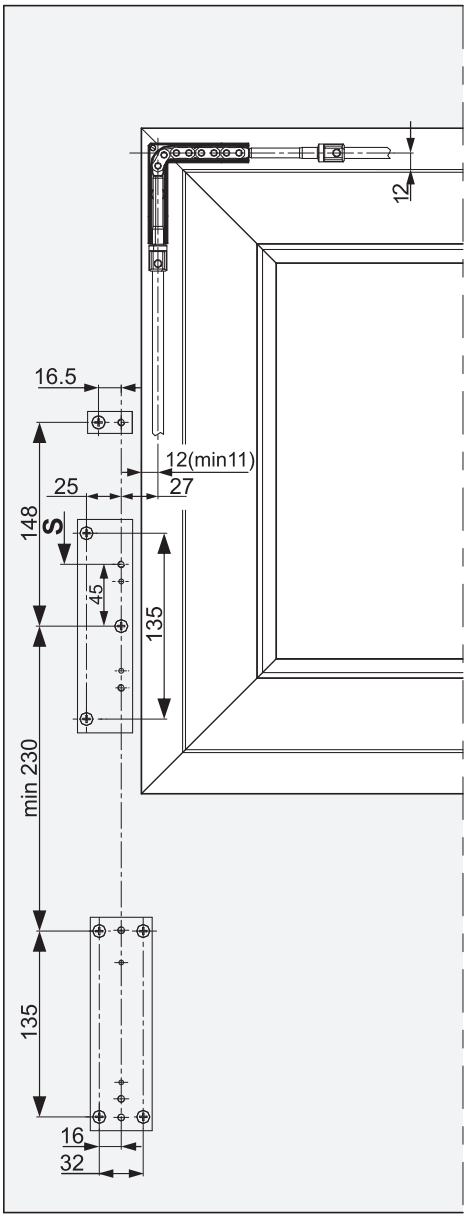
4021.00 (Tmax 75) / **4021.10** (Tmax 150)																					
T [mm]	15	30	40	50	55	60	65	70	75	80	90	100	110	115	120	125	130	135	140	145	150
S [mm] 150	195	194	193	191	190	189	188	187	185	184	181	177	173	171	169	166	164	161	159	157	153
S [mm] 75	51	48	46	42	40	38	35	33	30	-	-	-	-	-	-	-	-	-	-	-	-

Translatorni prenosnik
Translational transmission
Передача для импоста и рамы

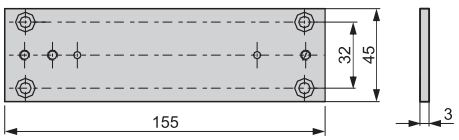
4021.00
4021.10

Montažni crtež
Assembly drawing
Чертеж сборки

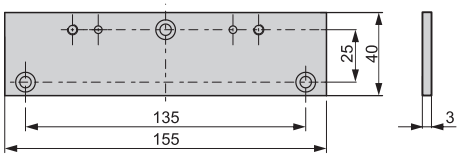




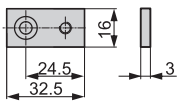
4020.70
Pločica za fiksiranje ručice
Fixing plate for handle
Фиксирующая пластина для ручки



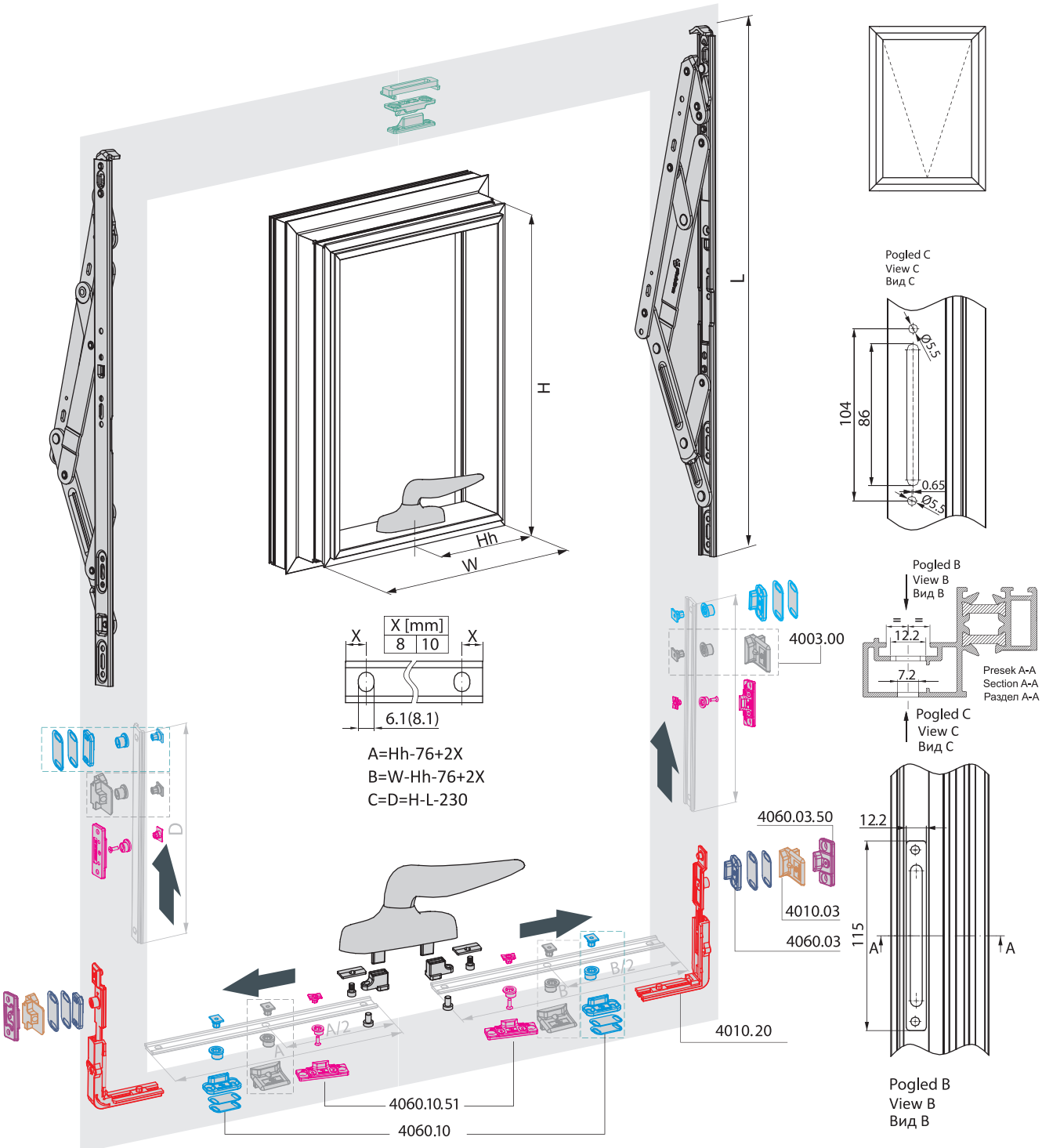
4021.72
Pločica za fiksiranje translatornog prenosnika
Fixing plate of the translator transmission
Фиксирующая пластина для передачи



4021.73
Pločica za fiksiranje čepa pokrivnog profila translatornog prenosnika
Fixing plate of the profile cover for translator transmission
Пластина для крепления крышки накладного профиля



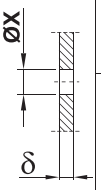
Garnitura za spoljno otvaranje
Hardware for outward opening
Гарнитур для открывания наружу



	4060.14.55 4060.14.55R 14”			4060.05.55 4060.05.55R 16”		4060.07.55 4060.07.55R 20”		4060.08.55 4060.08.55R 24”		4060.09.55 4060.09.55R 28”	
a [°]	25°	30°	35°	25°	30°	20°	25°	15°	20°	15°	20°
mk* [kg]	65	45	35	180	175	180	175	180	175	180	175
mk max [kg]	80			180		180		180		180	

mk* Preporuka proizvođača /Manufacturer’s recommendation/ Рекомендация производителя

	Tip zavrtanjske veze Screw connection type Тип винтового соединения	Poprečni prečnik otvora **ØX** Transverse diameter of opening **ØX** Поперечный диаметр отверстия **ØX**
δ=5	M5x16 DIN 6912	M5 (Ø4.2)
1.5 ≤ δ ≤ 3	M5x16 DIN 6912 sa rif nitnom	Ø7



	4060.14.55 4060.14.55R 14”			4060.05.55 4060.05.55R 16”		4060.07.55 4060.07.55R 20”		4060.08.55 4060.08.55R 24”		4060.09.55 4060.09.55R 28”	
a [°]	25°	30°	35°	25°	30°	20°	25°	15°	20°	15°	20°
mk* [kg]	65	45	35	130	125	130	125	130	125	130	125
mk max [kg]	80			130		130		130		130	

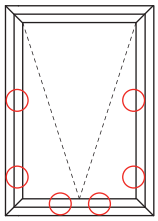
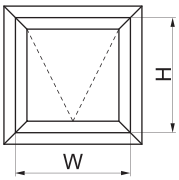
mk* Preporuka proizvođača /Manufacturer’s recommendation/ Рекомендация производителя

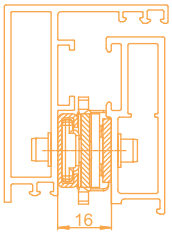
		Tip zavrtanjske veze Screw connection type Тип винтового соединения	Poprečni prečnik otvora **ØX** Transverse diameter of opening **ØX** Поперечный диаметр отверстия **ØX**
δ [mm]	3÷4	4.8x16 DIN 7981	Ø3.9
	4÷4.75		Ø4
	4.75÷10		Ø4.2

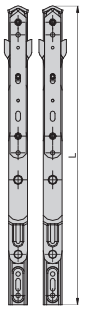
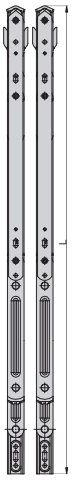
Makaze za fasadne profile - univerzalne

Scissors for the facade profiles – universal

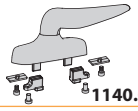
Ножницы для фасадных профилей – универсальные



400≤ H≤600mm	600≤ H≤1200mm	1201≤ H≤1600mm	1601≤ H≤1800mm	1801≤ H≤2000mm
4060.14.55	**4060.05.55**	**4060.07.55**	**4060.08.55**	**4060.09.55**
				

Ručica sa priborom
Handle with accessories
Ручка с крепежным набором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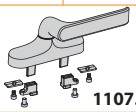
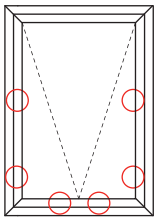
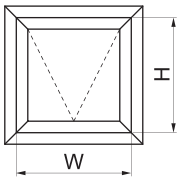

1107.00

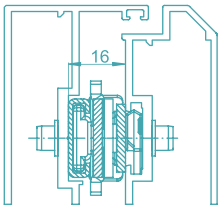
4010.20
Ugaoni prenosnik
Corner transmission
Угловой переходник

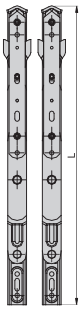
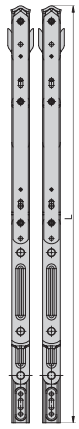
4010.03
Prihvatnik
Striker
Запорная планка

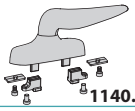
4003.00
Set bravljenja
Loking set
Установка замка

4003.00....2pcs	4003.00....2pcs	4003.00....4pcs	4003.00....4pcs	4003.00....6pcs
		4010.03....2pcs		



400≤ H≤600mm	600≤ H≤1200mm	1201≤ H≤1600mm	1601≤ H≤1800mm	1801≤ H≤2000mm
4060.14.55	**4060.05.55**	**4060.07.55**	**4060.08.55**	**4060.09.55**
				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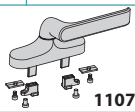
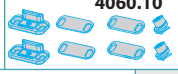

1107.00

Ručica sa priborom
Handle with accessories
Ручка с крепежным набором

4010.20
Ugaoni prenosnik
Corner transmission
Угловой переходник

Pribor za fasadne profile /Accessories for facade profiles/
Аксессуары для фасадных профилей

Opcija 1 /Option 1/ Опция 1	Opcija 2 /Option 2/ Опция 2
4060.10 	**4060.10.51**

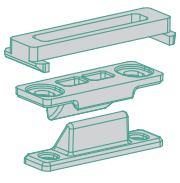
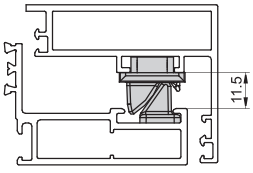
Opcija 1 /Option 1/ Опция 1	Opcija 2 /Option 2/ Опция 2
4060.03	**4060.03.51**

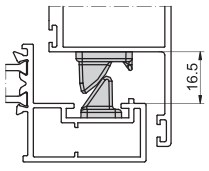
Opcija 1 /Option 1/ Опция 1				
4060.10....1pcs	4060.10....1pcs	4060.10....2pcs	4060.10....2pcs	4060.10....3pcs
		4060.03....2pcs		

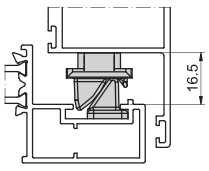
Opcija 2 /Option 2/ Опция 2				
4060.10.50....1pcs	4060.10.50....1pcs	4060.10.50....2pcs	4060.10.50....2pcs	4060.10.50....3pcs
		4060.03.50...2pcs		

W >1000mm

4060.45
Pritezač krila za fasadne profile
Clamping catch for the facade profiles
Крепежный элемент для фасадного профиля

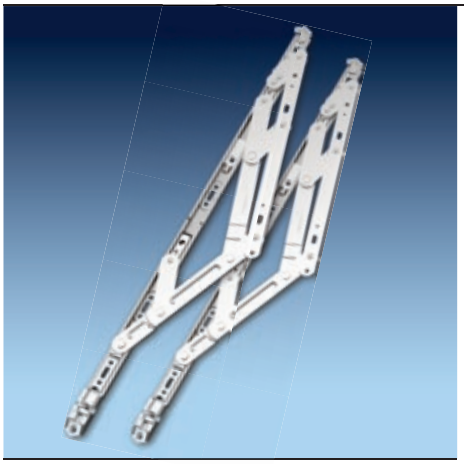




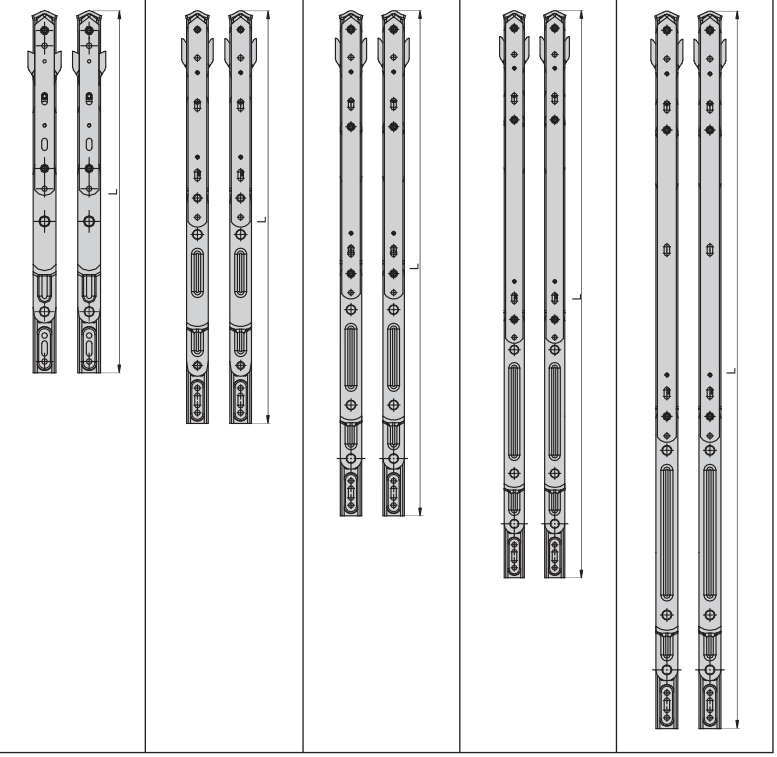
Makaze za fasadne profile - univerzalne

Scissors for the facade profiles – universal

Ножницы для фасадных профилей – универсальные



400≤ H≤600mm	600≤ H≤1200mm	1201≤ H≤1600mm	1601≤ H≤1800mm	1801≤ H≤2000mm
4060.14.55	**4060.05.55**	**4060.07.55**	**4060.08.55**	**4060.09.55**
14″	**16″**	**20″**	**24″**	**28″**

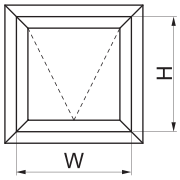


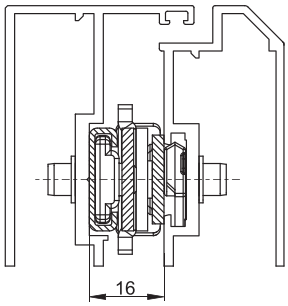
Karakteristike /Characteristics/ Характеристики

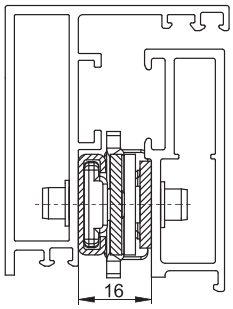
•Podešavanje po visini /
•Height adjuatment/
•Регулировка по высоте

•Podešavanje ugla,
•Adjusting the angle,
•Регулировка угла,

•Podešavanje sile otvaranja
i zatvaranja prozora.
•Adjustment the opening
and closing force.
•Регулировки силы открытие
и закрытие окон.

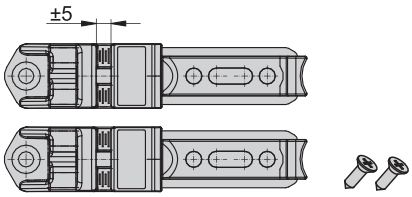






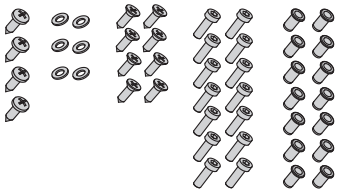
4060.04.00

Mehanizam za podešavanje
The mechanism for adjusting
Механизм для регулировки



4060.09.50

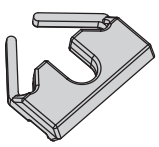
Pribor makaze
Scissors accessories
Аксессуары ножниц



1	Zavrtanj	DIN 7981	4 kom(pcs)
2	Podloška za M5	DIN 125	6 kom(pcs)
3	Zavrtanj	DIN 7982	8 kom(pcs)
4	Zavrtanj	DIN 6912	14 kom(pcs)
5	Rif nitna		14 kom(pcs)

4060.05.02

Elastični distancer
Elastic spacer
Эластичные распорки

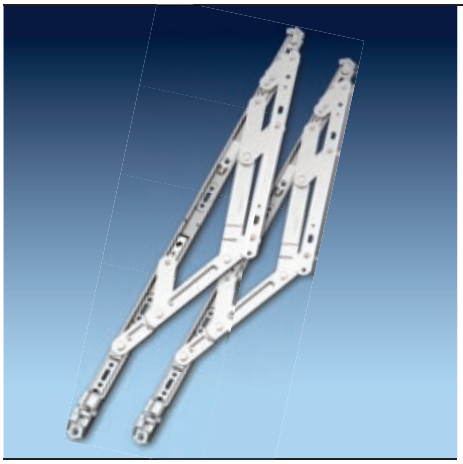


14"		8 kom(pcs)
16"		8 kom(pcs)
20"		8 kom(pcs)
24"		8 kom(pcs)
28"		10 kom(pcs)

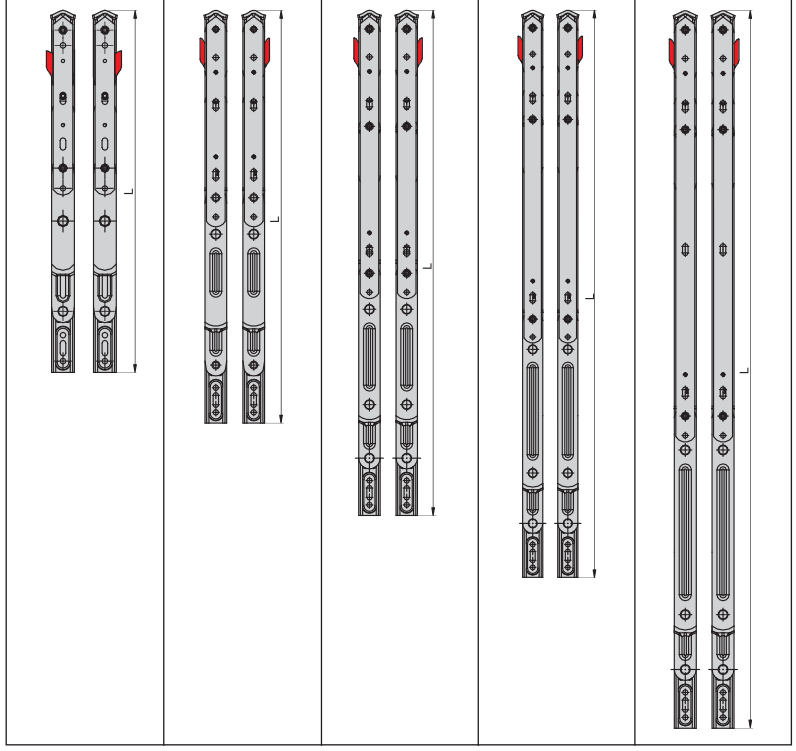
Makaze za fasadne profile - leva i desna

Scissors for the facade profiles – left and right

Ножницы для фасадных профилей – левая и правая



400≤ H≤600mm	600≤ H≤1200mm	1201≤ H≤1600mm	1601≤ H≤1800mm	1801≤ H≤2000mm
4060.14.55R	**4060.05.55R**	**4060.07.55R**	**4060.08.55R**	**4060.09.55R**
14″	**16″**	**20″**	**24″**	**28″**

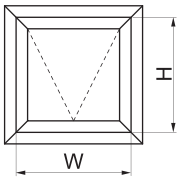


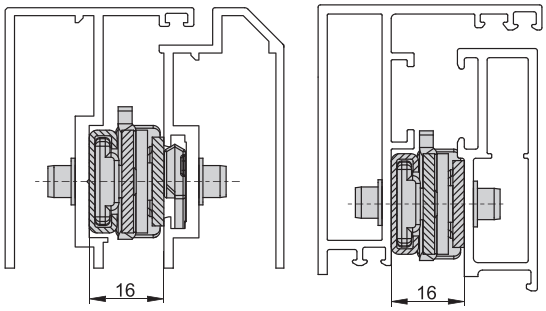
Karakteristike /Characteristics/ Характеристики

•Podešavanje po visini /
•Height adjuatment/
•Регулировка по высоте

•Podešavanje ugla,
•Adjusting the angle,
•Регулировка угла,

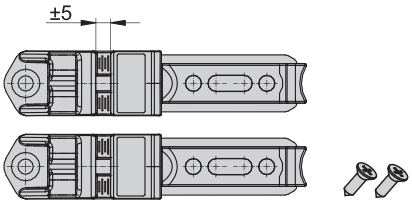
•Podešavanje sile otvaranja
i zatvaranja prozora.
•Adjustment the opening
and closing force.
•Регулировки силы открытие
и закрытие окон.





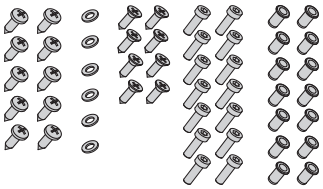
4060.04.00

Mehanizam za podešavanje
The mechanism for adjusting
Механизм для регулировки



4060.09.50R

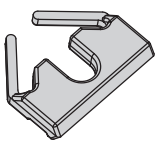
Pribor makaze
Scissors accessories
Аксессуары ножниц



1	Zavrtanj	DIN 7981	10 kom(pcs)
2	Podloška za M5	DIN 125	6 kom(pcs)
3	Zavrtanj	DIN 7982	8 kom(pcs)
4	Zavrtanj	DIN 6912	14 kom(pcs)
5	Rif nitna		14 kom(pcs)

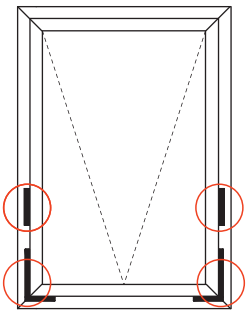
4060.05.02

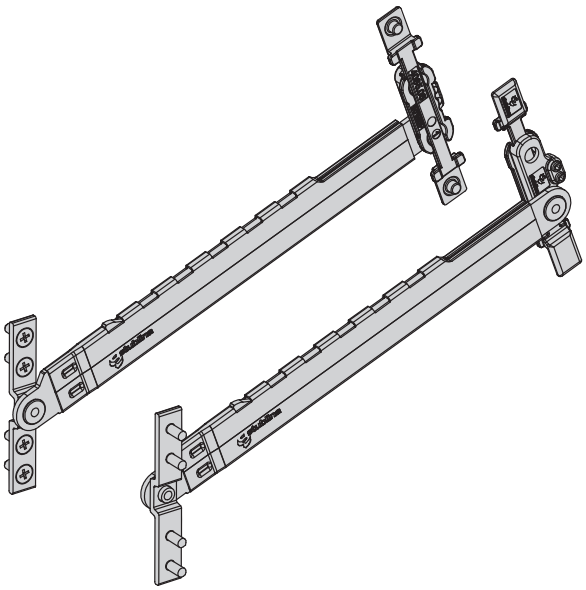
Elastični distancer
Elastic spacer
Эластичные распорки

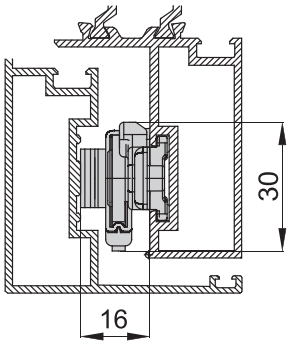


14"		8 kom(pcs)
16"		8 kom(pcs)
20"		8 kom(pcs)
24"		8 kom(pcs)
28"		10 kom(pcs)

Teleskopske makaze
Telescopic scissors
Телескопические ножницы







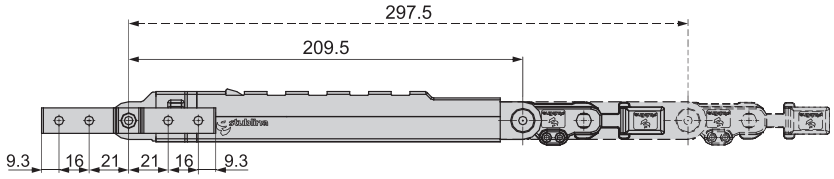
SR / Tehničke informacije:
- Mehanizam i zavrtnji od nerđajućeg čelika.
- Nosači su od ekstrudiranog aluminijumskog profila i legure zamka.

EN / Technical information:
- Mechanism and screw of stainless steel.
- Supporting plates are made of extruded aluminium profile and zinc aloy.

RU / Техническая информация:
- Детали механизма из нержавеющей стали.
- Несущие пластины изготовльенные из экструдированного алюминиевого профиля и сплава цинка.

1	Zavrtanj	DIN 7982	A2 4.8x16	8
2	Adapter			4

4065.00



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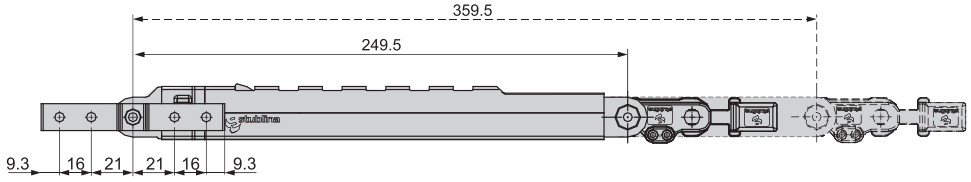

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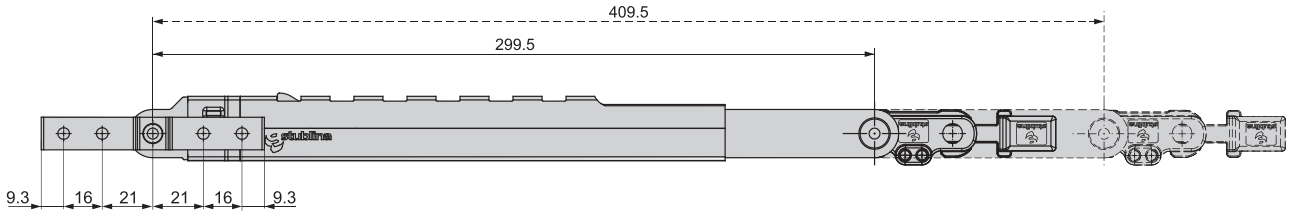
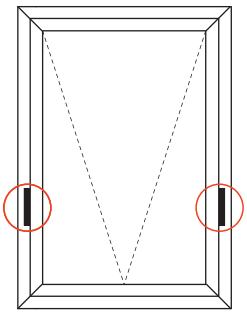
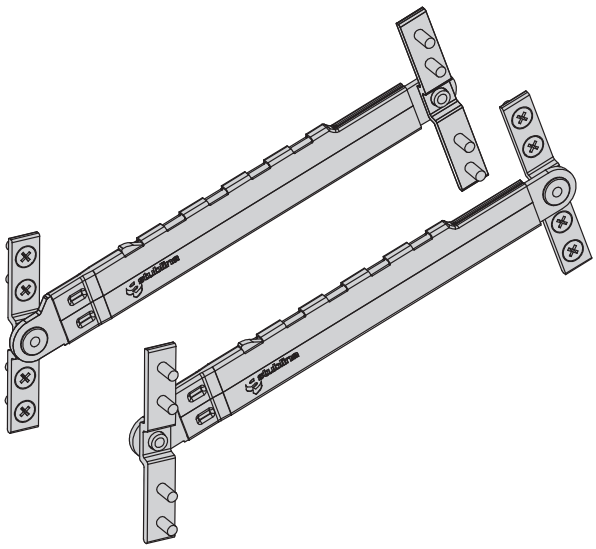
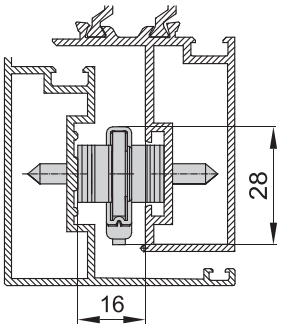


Teleskopske makaze
Telescopic scissors
Телескопические ножницы







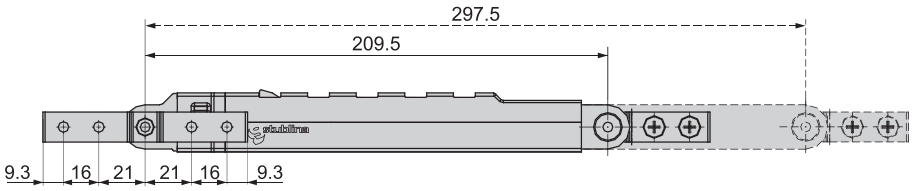
SR / Tehničke informacije:
•Mehanizam i zavrtnji od nerđajućeg čelika.
•Nosači su od ekstrudiranog aluminijumskog profila

EN / Technical information:
•Mechanism and screw of stainless steel.
•Supporting plates are made of extruded aluminium profile

RU / Техническая информация:
•Детали механизма из нержавеющей стали.
•Несущие пластины изготовленные из экструдированного алюминиевого профиля

1	Zavrtanj	DIN 7982	A2 4.8x16	16

4065.30



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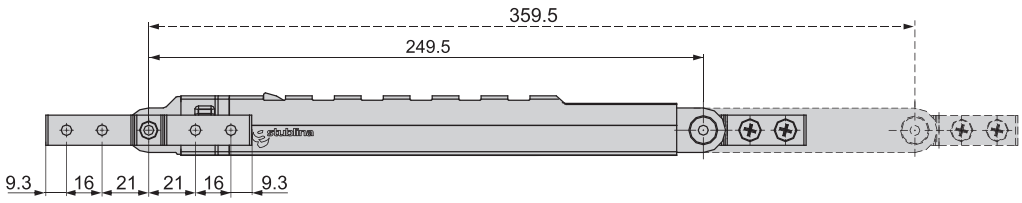

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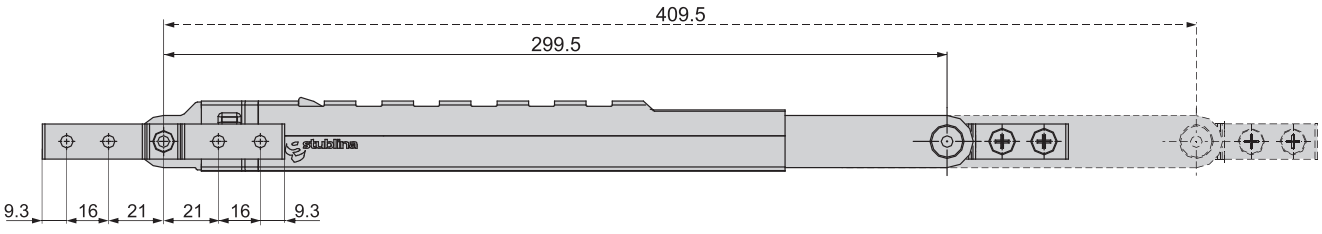
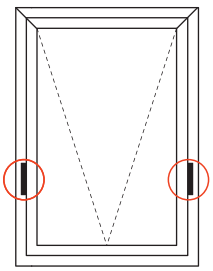
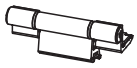


Teleskopska makaza (montaža)

Telescopic scissors (montage)

Телескопические ножницы (монтаж)





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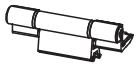

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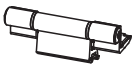

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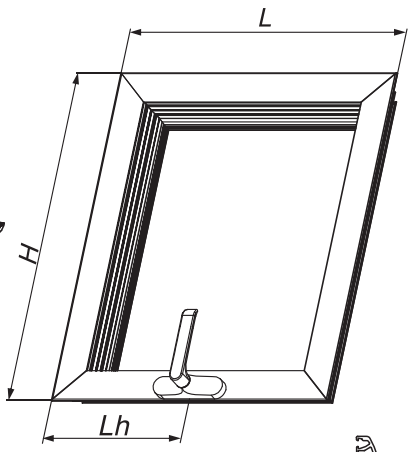
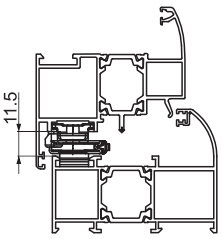
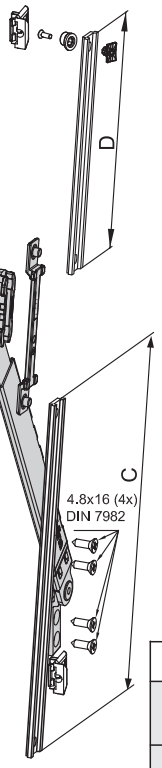
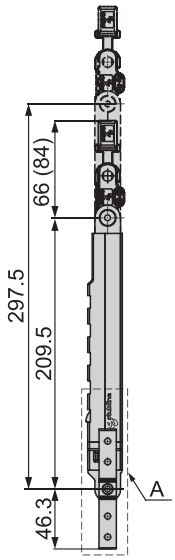
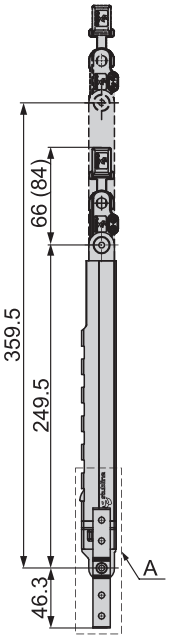
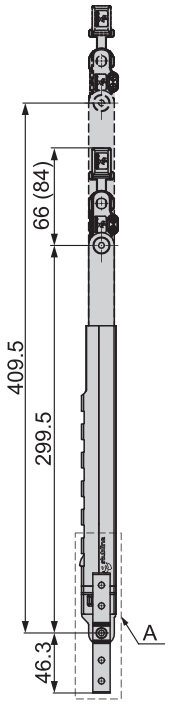


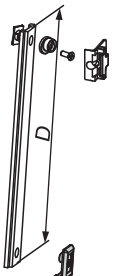


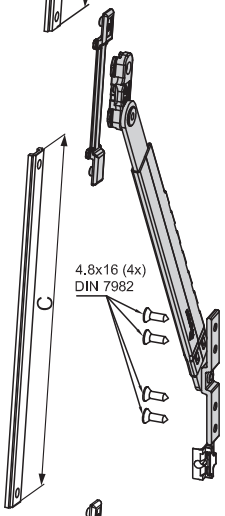




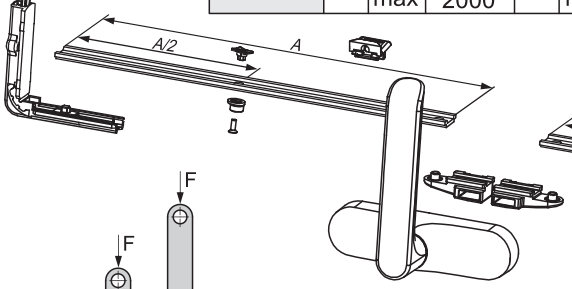


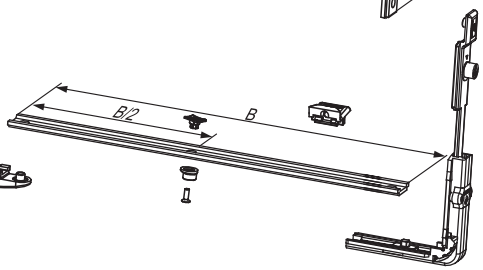




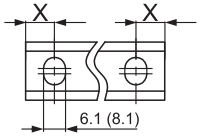


	Visina krila /Sash height/ Высота створки			Širina krila /Sash width/ Ширина створки			C	M
4065.00	H	min	1200	L	min	330	213+2X	478
		max	2000		max	1200		
4066.00	H	min	1200	L	min	330	253+2X	540
		max	2000		max	1200		
4067.00	H	min	1200	L	min	330	303+2X	590
		max	2000		max	1200		

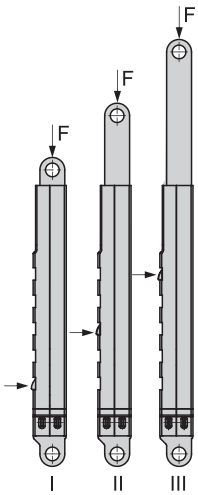




X (mm)	
8	10



A=Lh-110+2X
B=L-Lh-110+2X
D=H/2-M+2X



I – Teleskopska makaza otvorena na prvi položaj
Telescopic scissors open in the first position
Телескопические ножницы открываются в первом положении.

II –Teleskopska makaza otvorena na drugi položaj
Telescopic scissors open to second position
Телескопические ножницы открываются во вторую позицию.

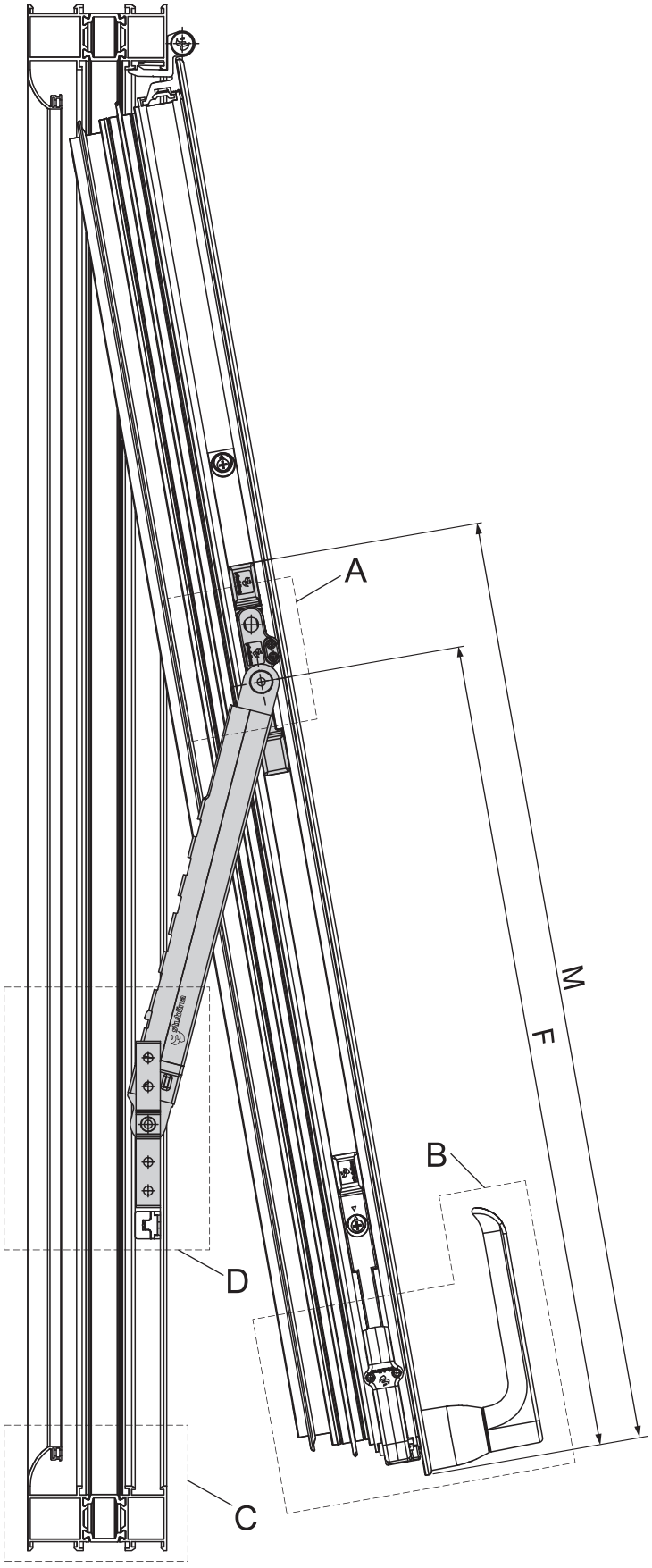
III -Teleskopska makaza otvorena do maksimalnog otvorenog položaja
Telescopic scissors open to maximum open position
Телескопические ножницы открытые для максимальная открытая позиция.

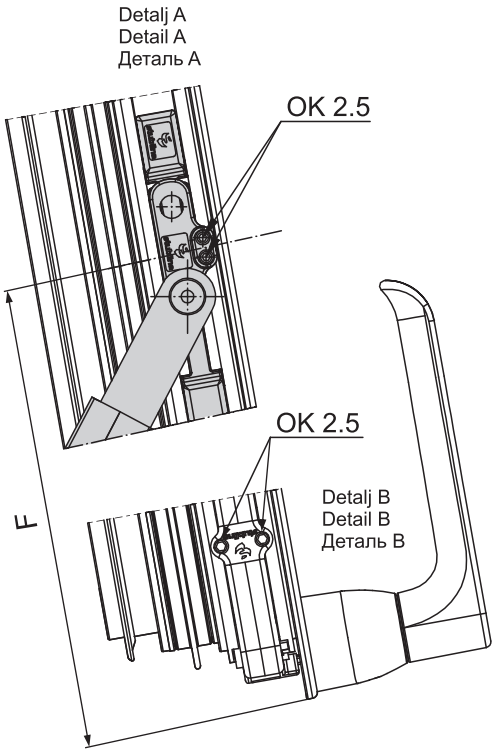
	4065.00 4065.30	4066.00 4066.30	4067.00 4067.30
I	F=3.4 kN	F=3.7 kN	F=1.2 kN
II	F=2.6 kN	F=2.4 kN	F=0.8 kN
III	F=1.1 kN	F=0.5 kN	F=0.5 kN

Teleskopska makaza (montaža)

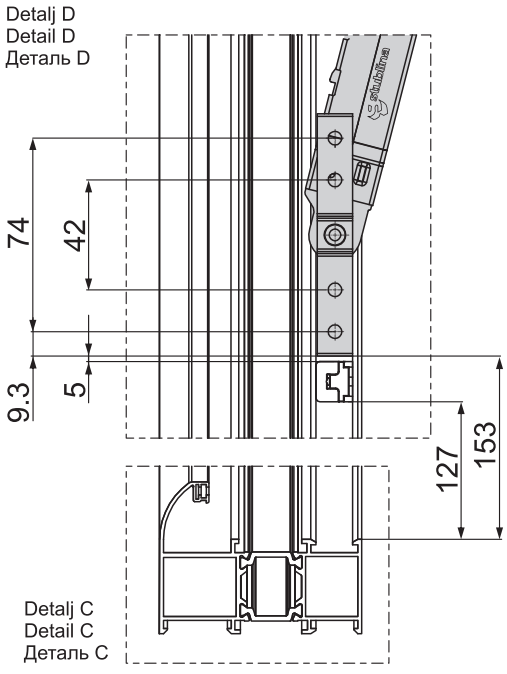
Telescopic scissors (montage)

Телескопические ножницы (монтаж)

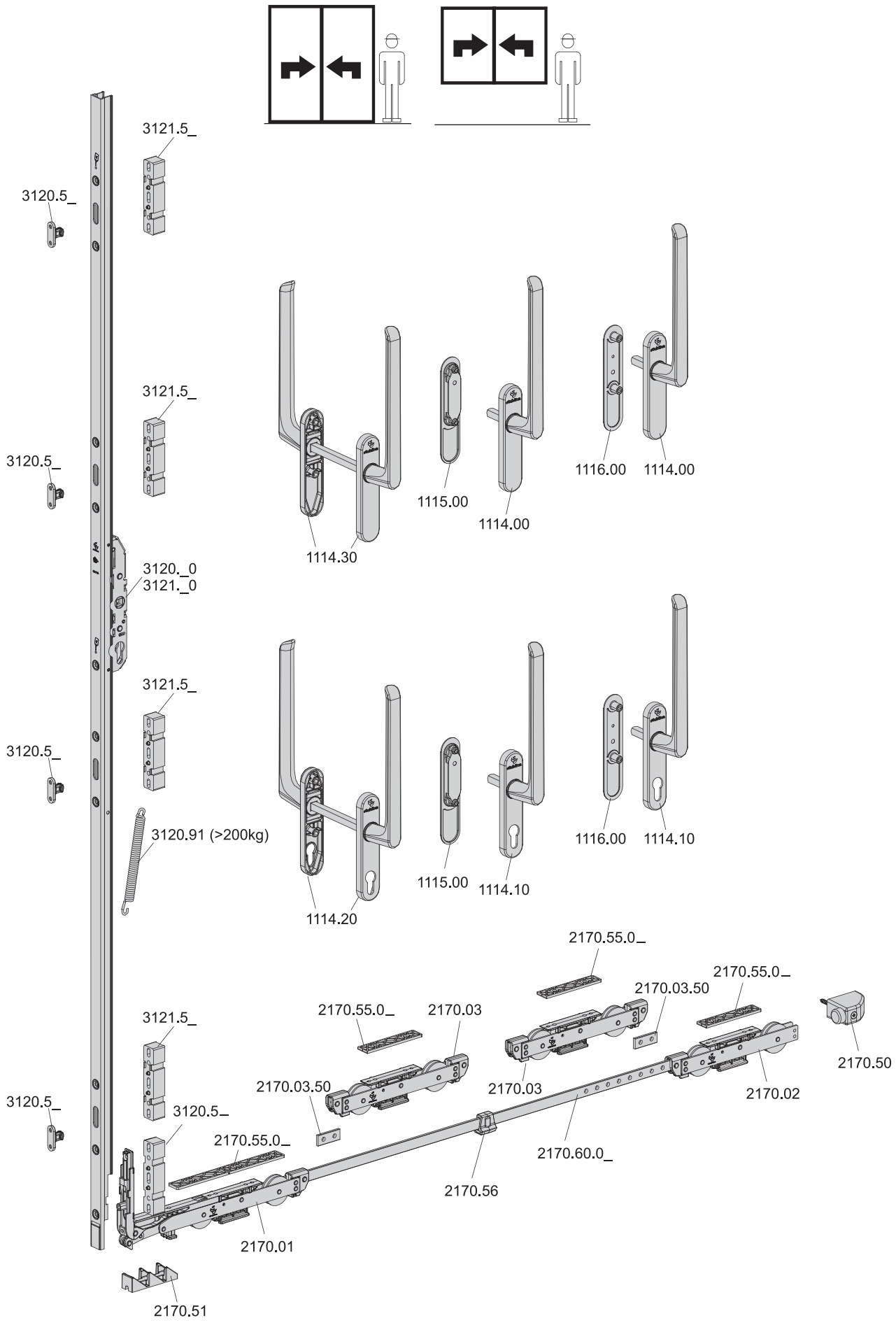




	F(≤ H/2)
4065.00	416
4066.00	456
4067.00	506



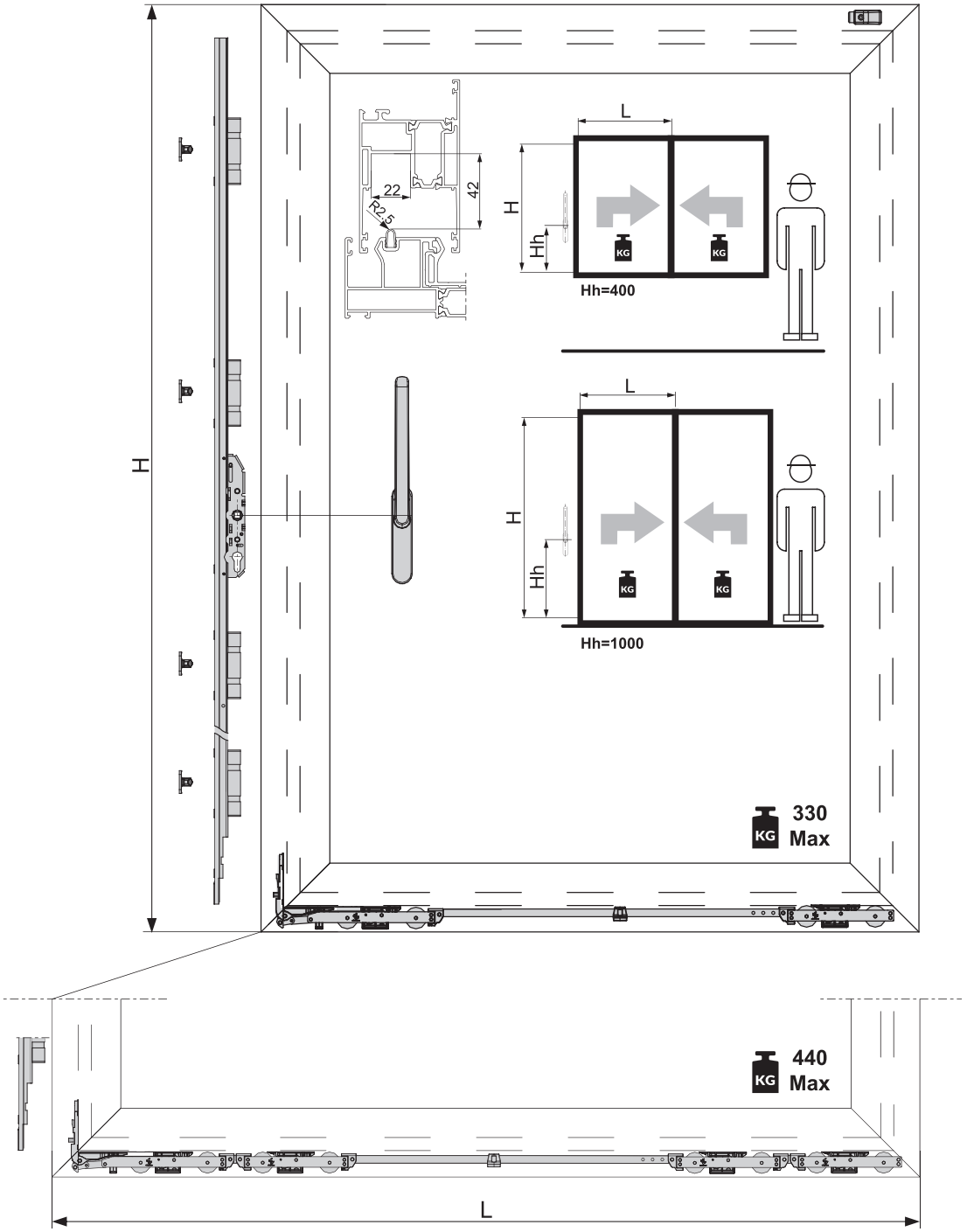
Podizno klizni sistem
Lifting and sliding system
Подъемно-раздвижная система



Podizno klizni sistem

Lifting and sliding system

Подъемно-раздвижная система



SR / Tehničke informacije:

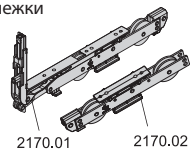
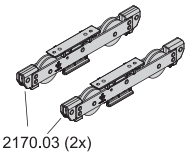
Kolica su proizvedena od legure cinka livenjem pod visokim pritiskom i nerđajućeg čelika. Točkići kolica sadrže kuglične ležajeve. Maksimalna težina krila je 330kg pri primeni osnovnog seta kolica 2170.10. Maksimalna težina krila je 440kg pri primeni seta tandem kolica 2170.20.

EN / Technical information:

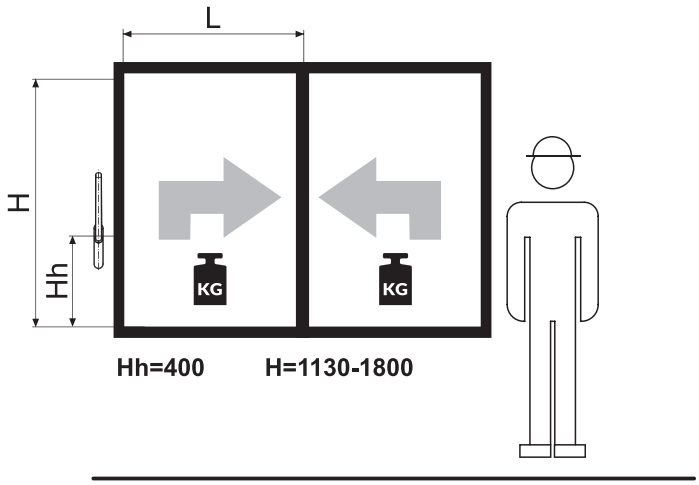
The rollers is manufactured from zinc alloy by die-casting and stainless steel. The rollers wheels contain ball bearings. The maximum weight of the sash is 330 kg when using the basic set 2170.10. The maximum weight of the sash is 440 kg when using the tandem rollers set 2170.20.

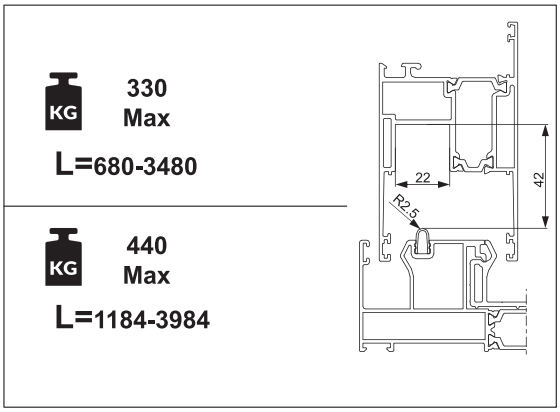
RU / Техническая информация:

Тележка изготовлены из цинкового сплава методом литья под давлением и нержавеющей стали. Колеса тележки содержат шарикоподшипники. Максимальный вес створки 330 кг при использовании базовой комплектации 2170.10. Максимальный вес створки при использовании комплекта тандемных тележки 2170.20 составляет 440 кг.

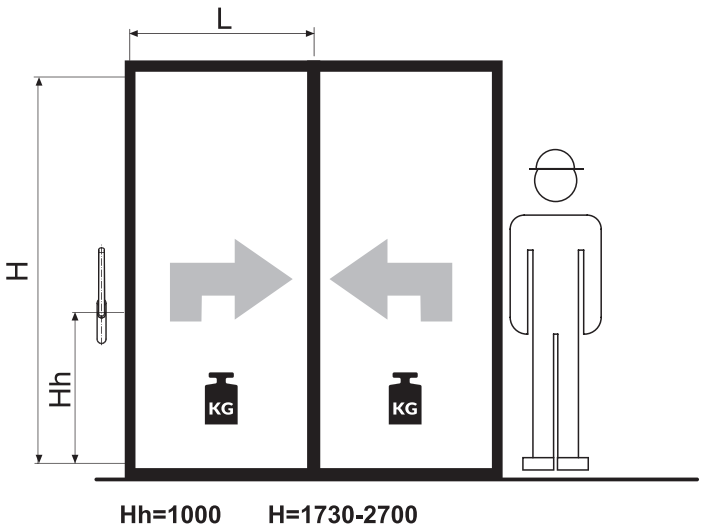
Osnovni set kolica Basic set of trolley Базовый комплект тележки **2170.10**	Tandem kolica Tandem rollers Тандемная тележка **2170.20**
	

Podizno klizni sistem
Lifting and sliding system
Подъемно-раздвижная система





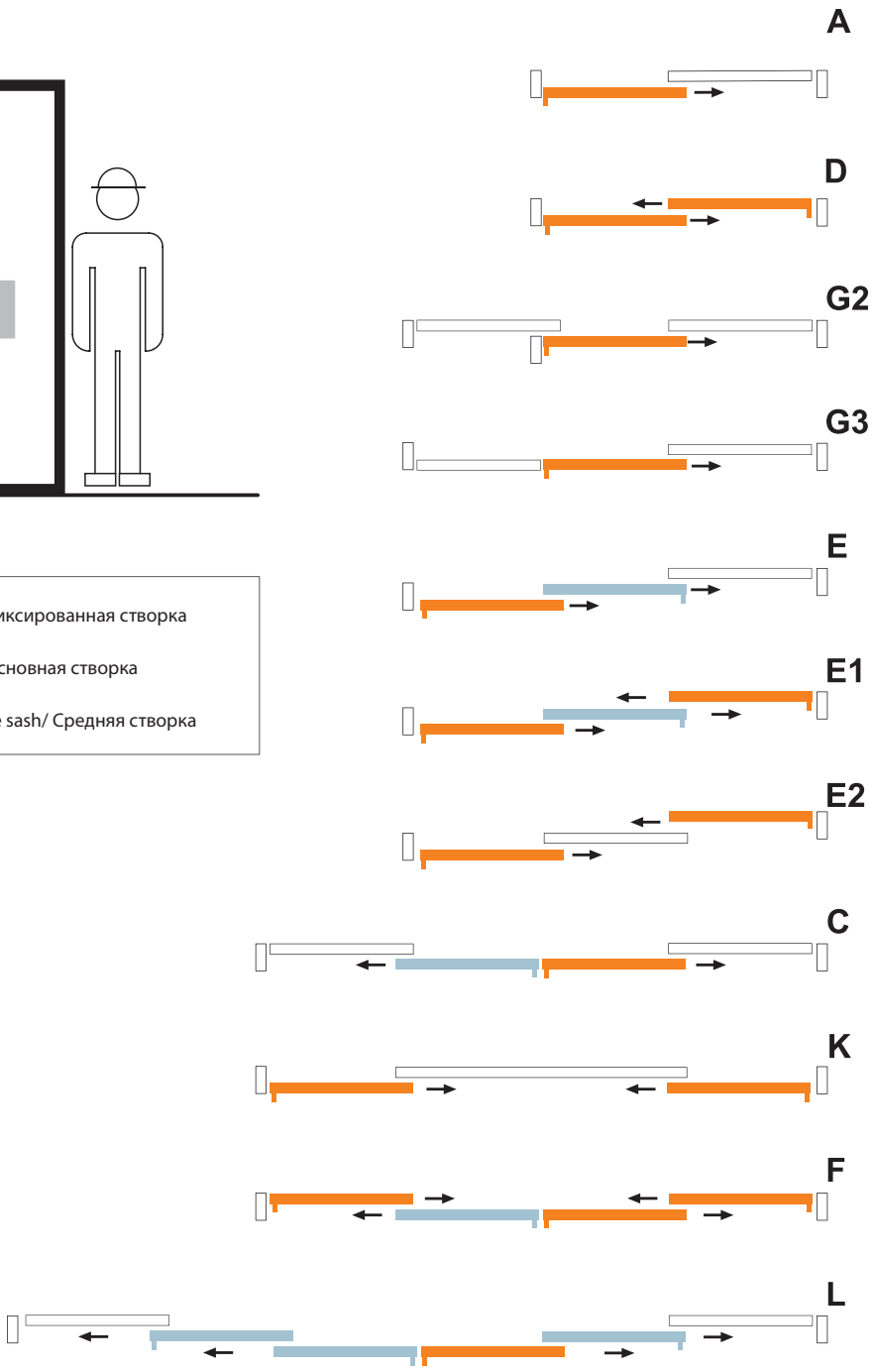
H:L=2.5:1



Fiksno krilo /Fixed sash/ Фиксированная створка

Glavno krilo /Main sash/ Основная створка

Srednje krilo /Intermediate sash/ Средняя створка



Podizno klizni sistem

Lifting and sliding system

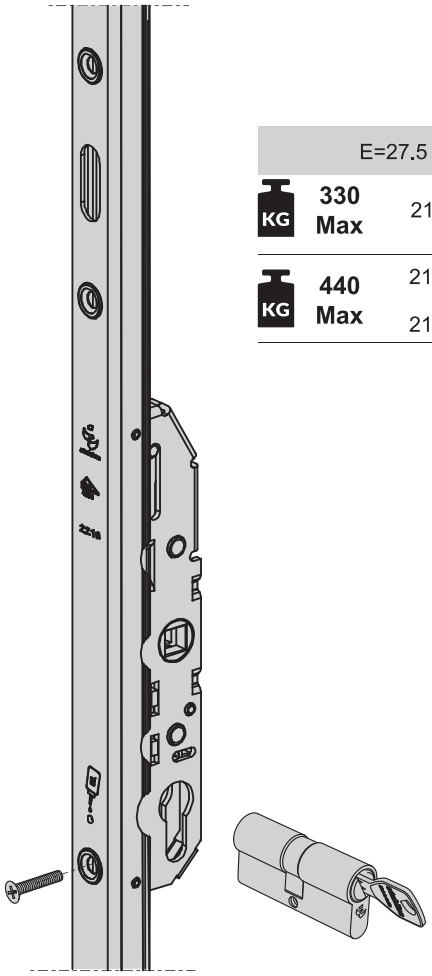
Подъемно-раздвижная система

Artikal	E	Ld	Hmin	Hmax	H1	H2	H3	H4			
3120.00	27.5	1710	1130	1800	218	600	1000	/	2	•	
3121.00	37.5										
3120.10	27.5	2210	1730	2300	218	750	1200	1600	2+1		•
3121.10	37.5										
3120.20	27.5	2610	2030	2700	218	750	1200	1900	2+2		•
3121.20	37.5										

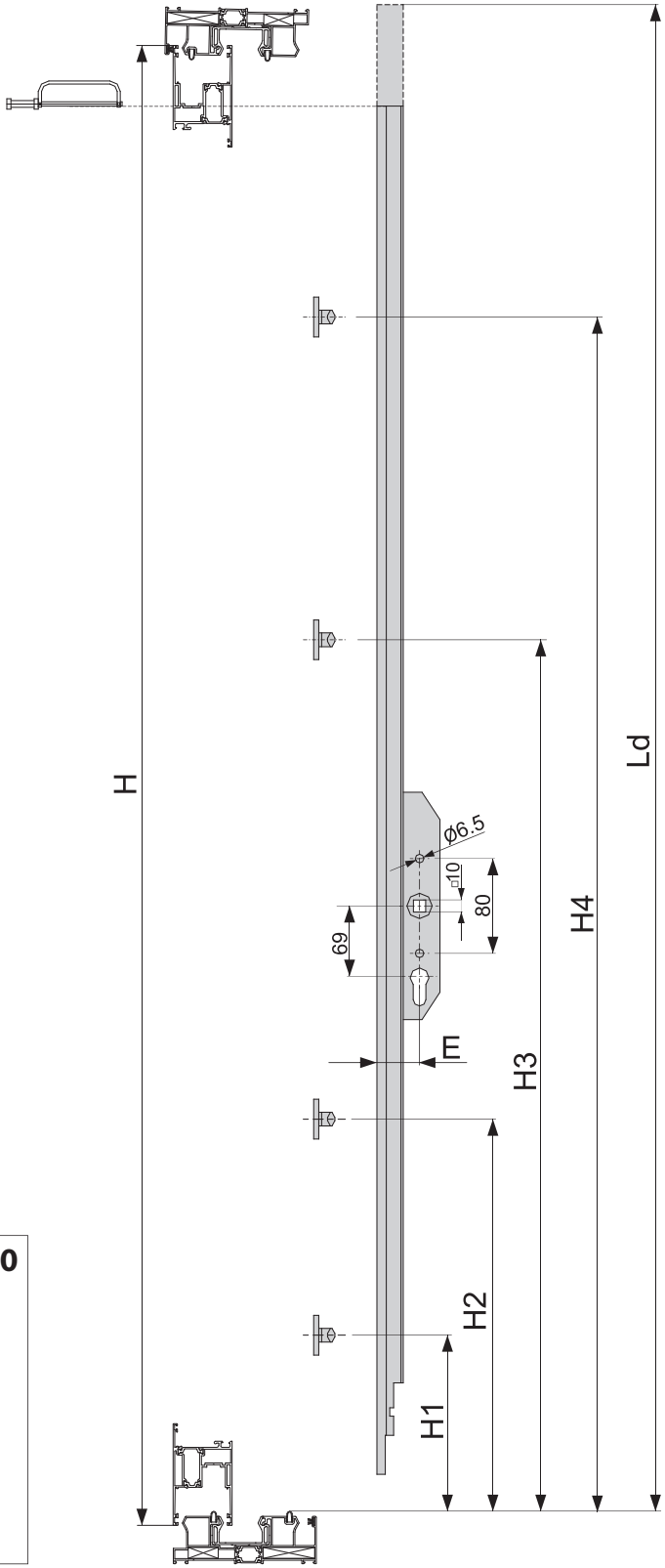
Napomena:
Dimenzije Hmin i Hmax su informativne i zavise od konkretnog profila u koji se vrši ugradnja.
Tačne dimenzije se nalaze u uputstvima za ugradnju.

Note: Dimensions Hmin and Hmax are informative and depend on the specific profile in which installation is performed.
The exact dimensions can be found in the installation instructions.

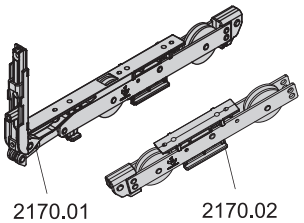
Примечание. Размеры Hmin и Hmax являются информативными и зависят от конкретного профиля, в котором производится установка.
Точные размеры можно найти в инструкции по установке.



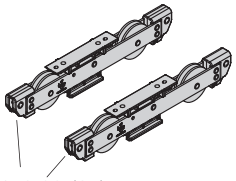
	E=27.5 (37.5)
KG **330 Max**	2170.10
KG **440 Max**	2170.10 + 2170.20



Osnovni set kolica **2170.10**
Basic set of trolley
Базовый комплект тележки



Tandem kolica **2170.20**
Tandem rollers
Тандемная тележка

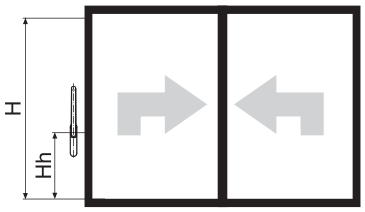


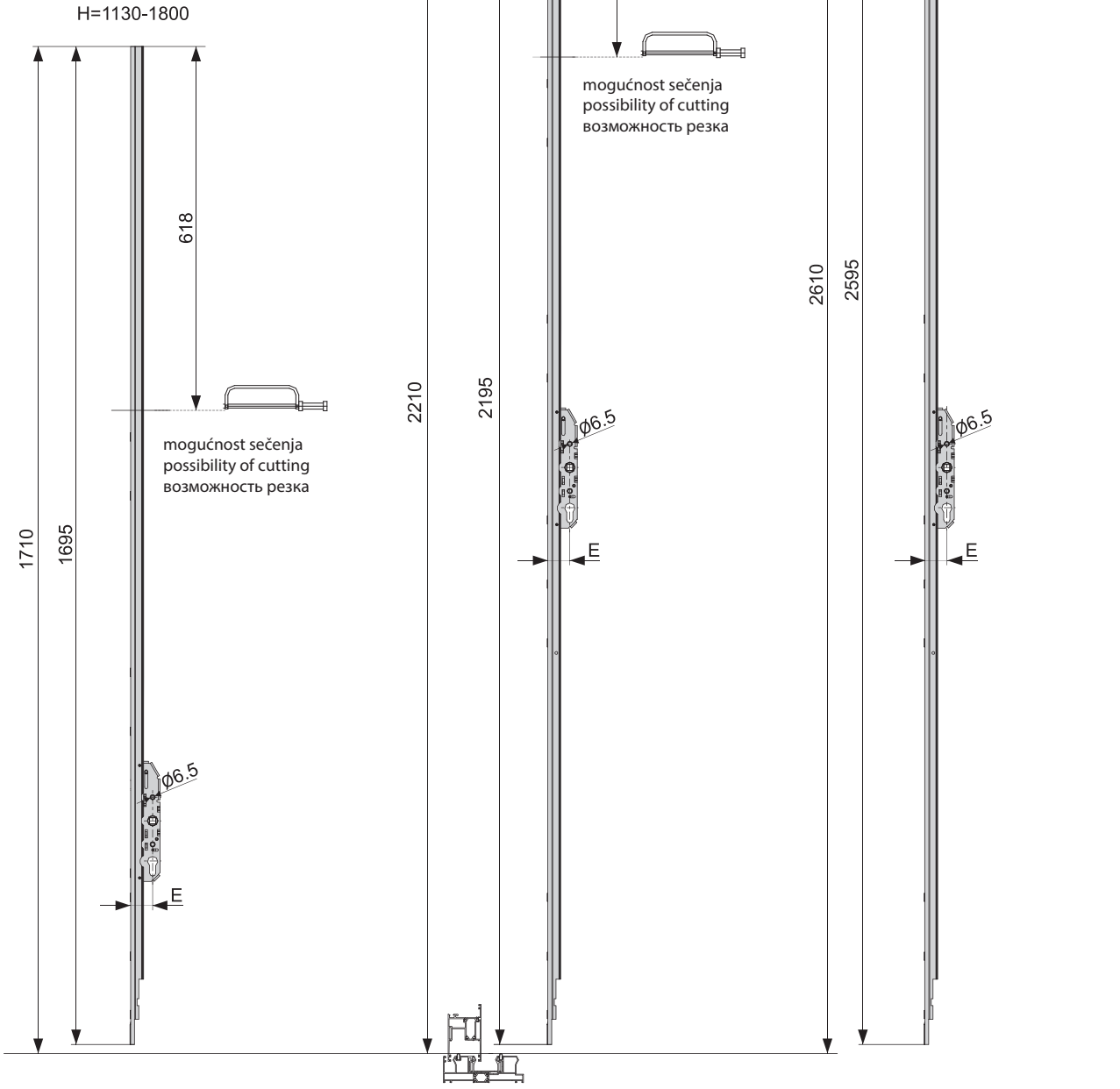
Podizno klizni sistem

Lifting and sliding system

Подъемно-раздвижная система

Artikal	E	Hh	
3120.00	27.5	400	1710
3121.00	37.5		
3120.10	27.5	1000	2210
3121.10	37.5		
3120.20	27.5	1000	2610
3121.20	37.5		





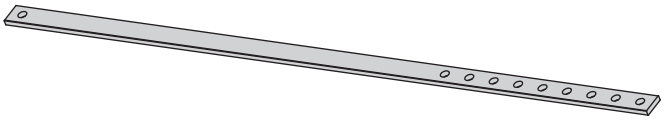
Podizno klizni sistem

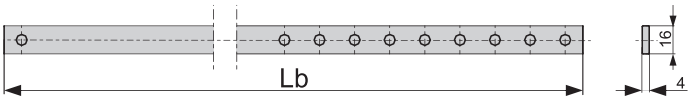
Lifting and sliding system

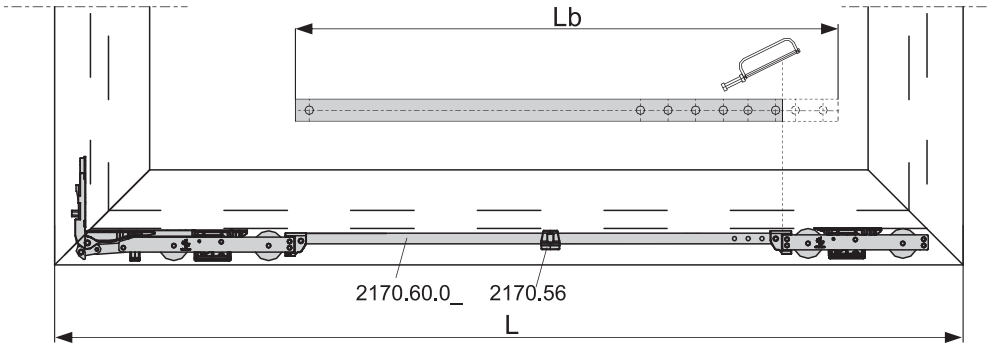
Подъемно-раздвижная система

Artikal	Lb	L (330kg)	L (440kg)
2170.60.01	740	680-1380	1184-1884
2170.60.02	1440	1380-2080	1884-2584
2170.60.03	2140	2080-2780	2584-3284
2170.60.04	2840	2780-3480	3284-3984

Pravougaona šipka za kolica
Rectangular bar for a trolley
Прямоугольная штанга для тележки

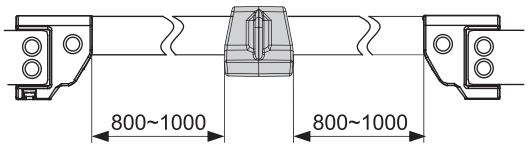


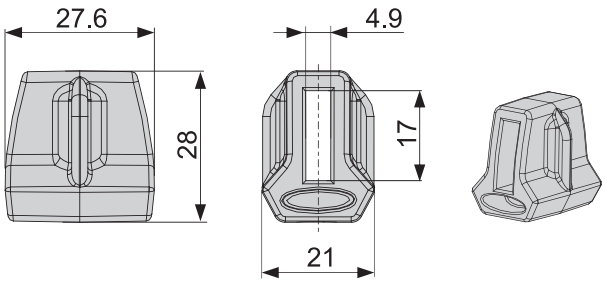


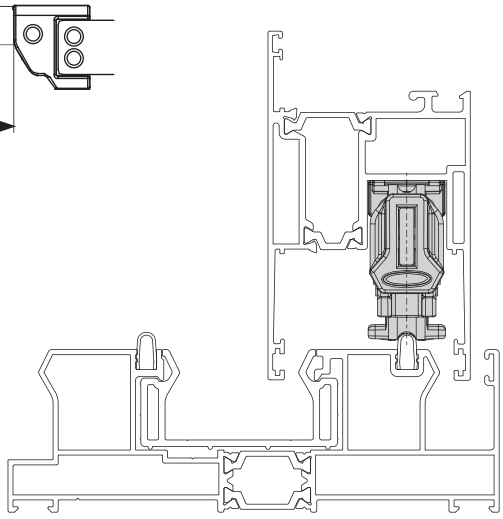


Držač pravougaone šipke za kolica
Holder of rectangular bar for rollers
Держатель прямоугольной штанги для тележек

2170.56

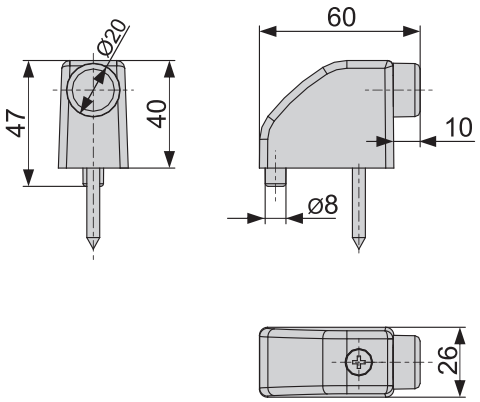


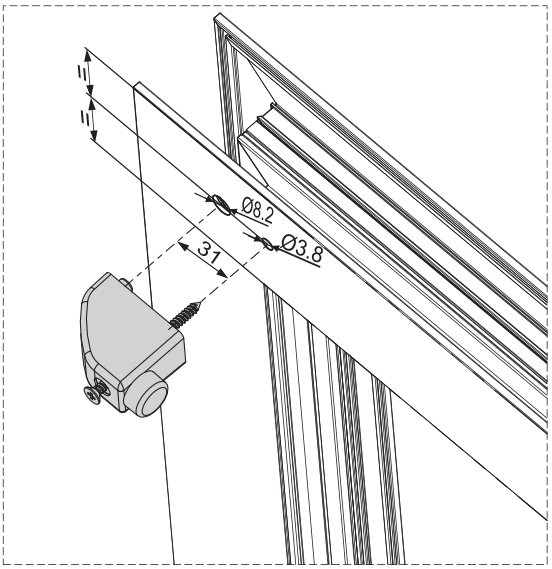




Stoper
Stopper
Держатель

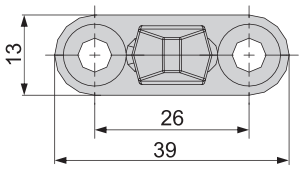
2170.50

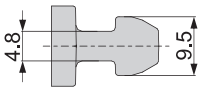


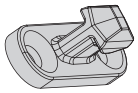


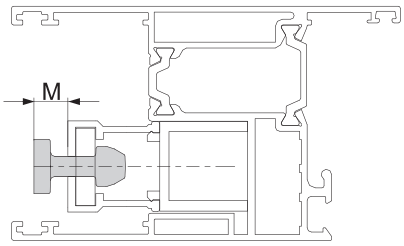
Podizno klizni sistem
Lifting and sliding system
Подъемно-раздвижная система

Zabravljivač
Bolt
Запорная планка

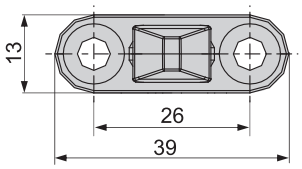


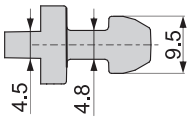


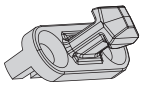
	M	Artikal (Zamak/Zn)	Artikal (Čelik/Steel)	kom.	
	4	**3120.51**	**3120.71**	1	100
	5.5	**3120.52**	**3120.72**	1	100
	6.2	**3120.53**	**3120.73**	1	100
	8.5	**3120.54**	**3120.74**	1	100

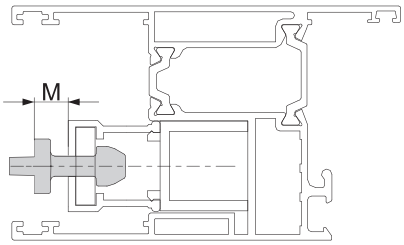


Zabravljivač
Bolt
Запорная планка



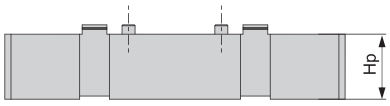


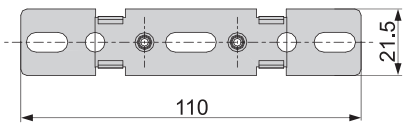
	M	Artikal (Zamak/Zn)	Artikal (Čelik/Steel)	kom.	
	5	**3120.55**	**3120.75**	1	100

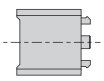


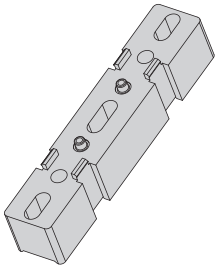
Plastični podmetač - vertikalni
Vertical plastic part
Вертикальные детали из полиамида

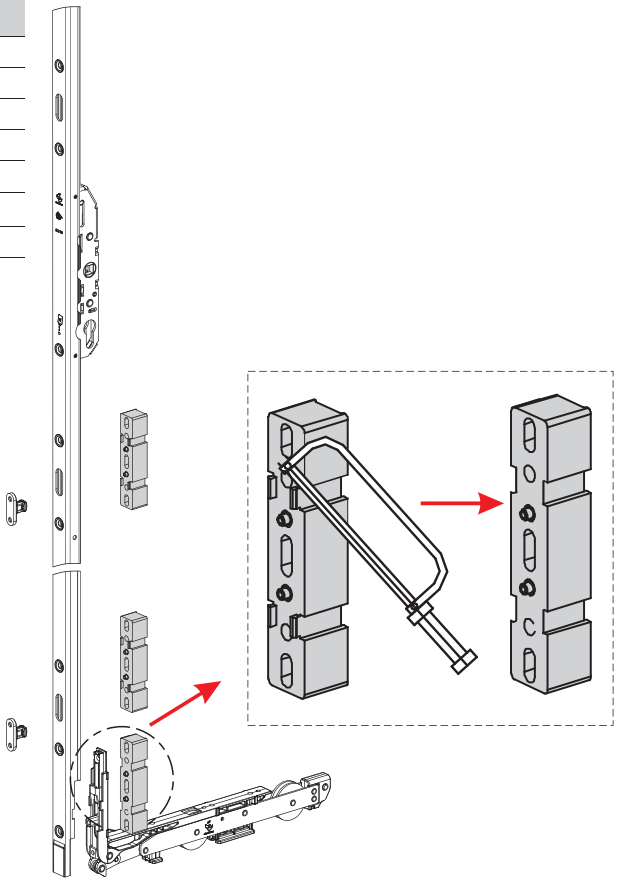
Artikal	Hp
3121.51	5.7
3121.52	15.4
3121.53	16
3121.54	17
3121.55	20.5
3121.56	21
3121.57	23



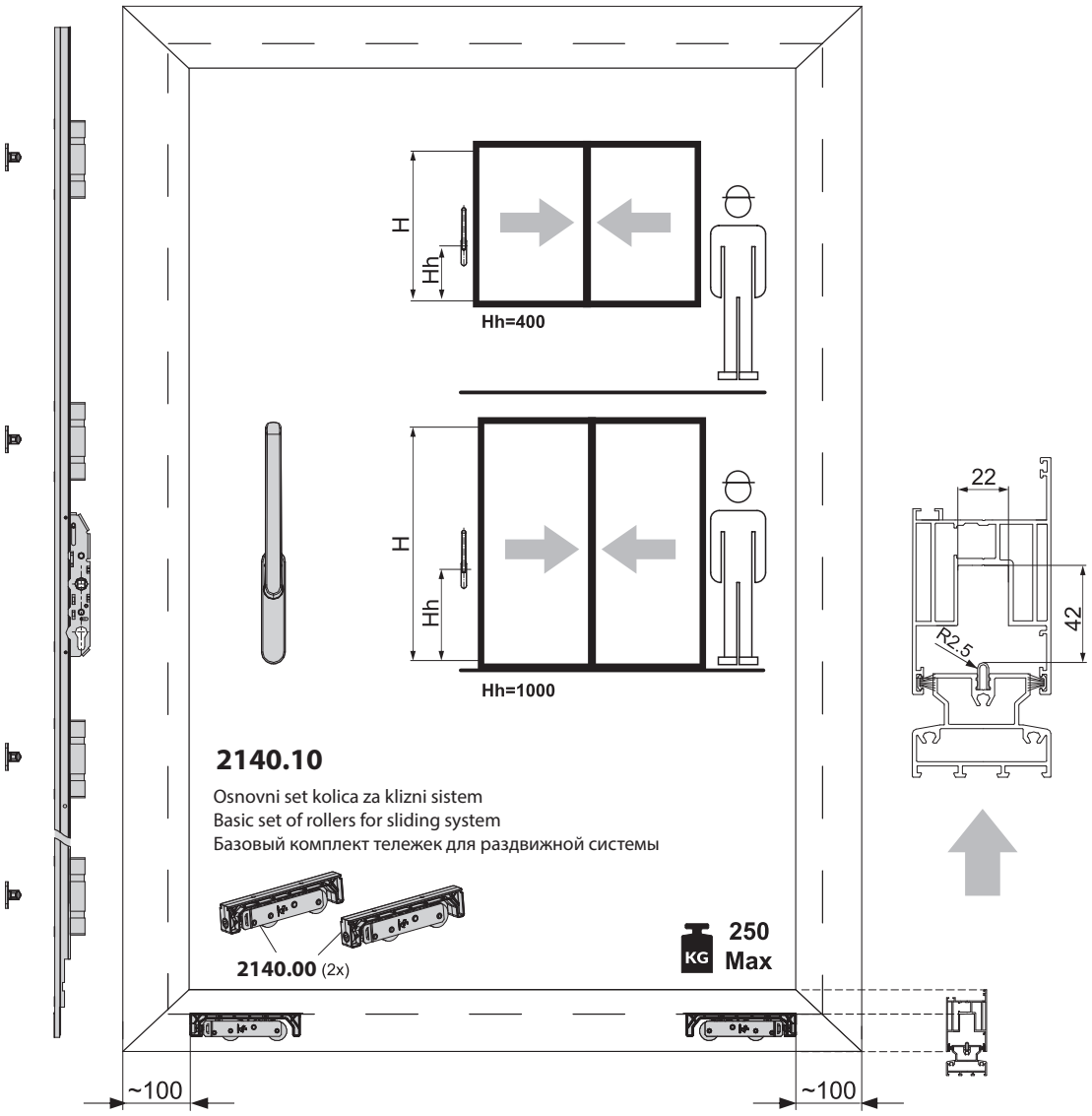


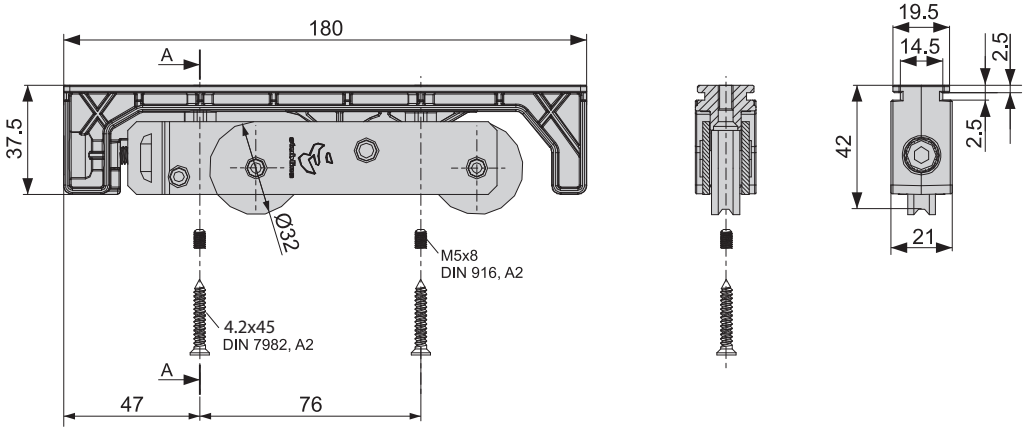






Klizni sistem
Sliding system
Раздвижная система

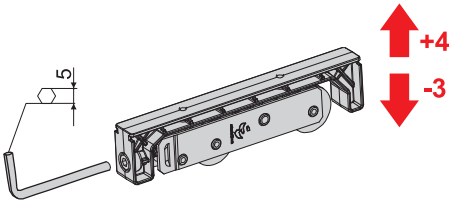




Napomena:
U slučaju montaže zavrtnja 4,2x45 DIN 7982 bušiti otvore na profilu Ø3.3.
U slučaju montaže zavrtnja M5x8 DIN 916, A2
koriste se odgovarajući plastični podmetači u zavisnosti od profila.

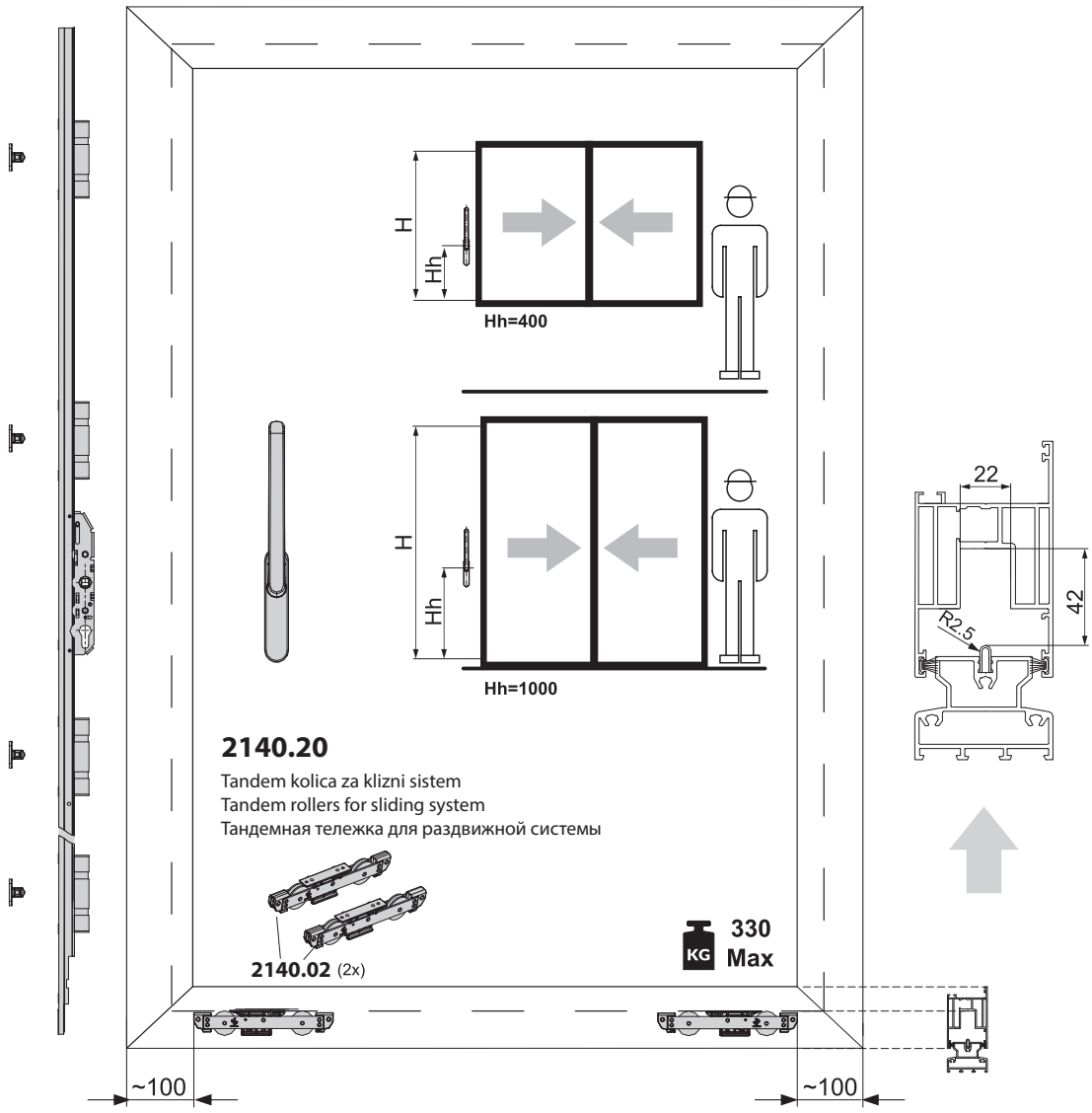
Note:
In the case of mounting a screw 4.2x45 DIN 7982, drill holes on the profile Ø3.3.
In the case of mounting screws M5x8 DIN 916, A2 are used plastic pads depending on the profile.

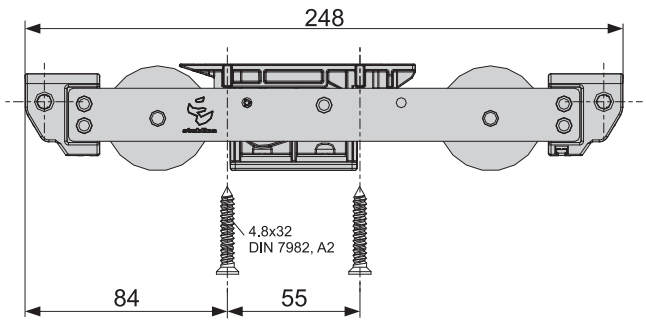
Примечание:
В случае установки винта 4,2x45 DIN 7982 просверлите отверстия
в профиле Ø3.3. В случае установки винта M5x8 DIN 916, A2 нужно поставить
пластиковые накладки в зависимости от профиля.

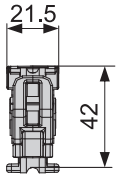


Mogućnost podešavanja po visini
The possibility of adjustment by height
Возможность регулировки по высоте

Klizni sistem
Sliding system
Раздвижная система







Napomena:
U slučaju montaže zavrtnja 4,8x32 DIN 7982 bušiti otvore na profilu Ø3.8.

Note:
In the case of mounting a screw 4.8x32 DIN 7982, drill holes on the profile Ø3.8.

Примечание:
В случае установки винта 4,2x32 DIN 7982 просверлите отверстия в профиле Ø3.8.

SRB/Tehničke informacije:
Kolica su proizvedena od legure cinka livenjem pod visokim pritiskom i nerđajućeg čelika.
Točkići kolica sadrže kuglične ležajeve.
Maksimalna težina krila je 250kg pri primeni osnovnog seta kolica za klizne sisteme 2140.10.
Maksimalna težina krila je 330kg pri primeni seta tandem kolica 2140.20.

ENG/Technical information:
The rollers is manufactured from zinc alloy by die-casting and stainless steel.
The rollers wheels contain ball bearings.
The maximum weight of the sash is 250 kg when using the basic set 2140.10.
The maximum weight of the sash is 330 kg when using the tandem rollers set 2140.20.

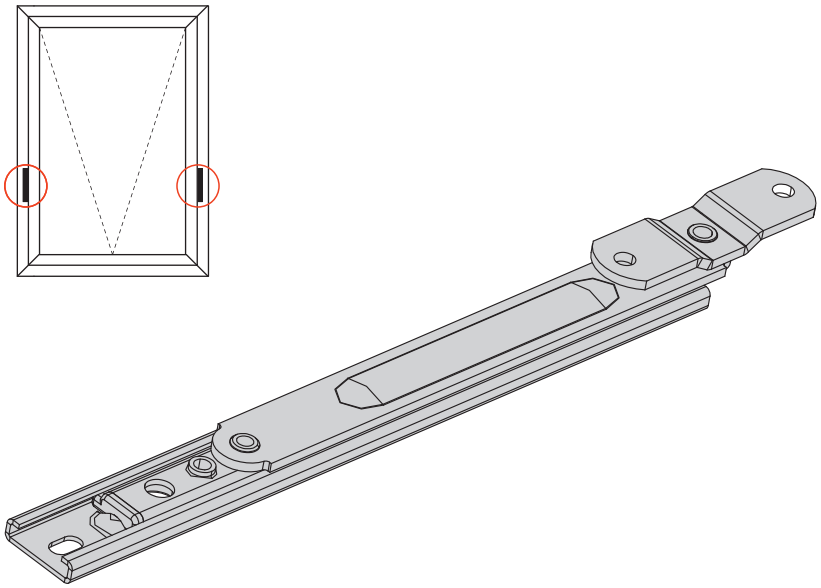
РУС/Техническая информация:
Тележка изготовлены из цинкового сплава методом литья под давлением и нержавеющей стали.
Колеса тележки содержат шарикоподшипники.
Максимальный вес створки 250 кг при использовании базовой комплектации 2140.10.
Максимальный вес створки при использовании комплекта тандемных тележки 2140.20 составляет 330 кг.

Granične makaze

Limiter arm

Ограничитель открывания

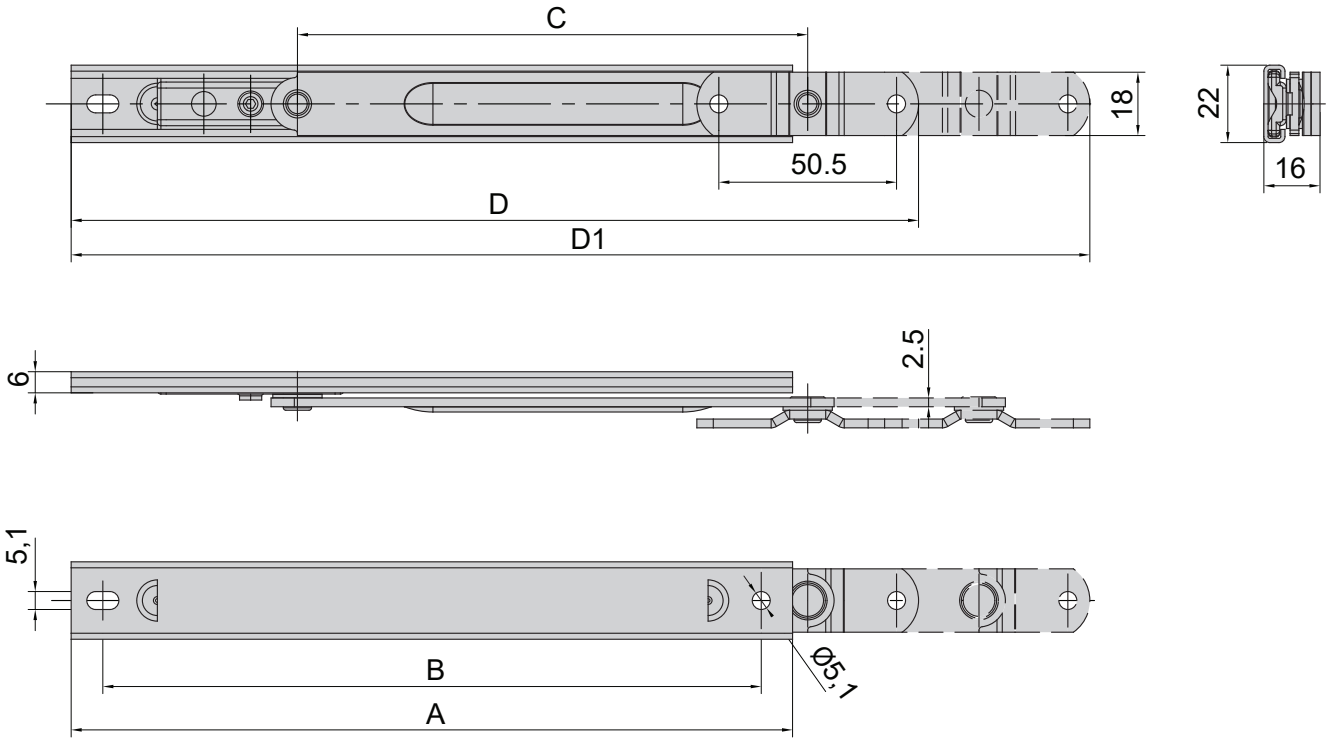
Artikal	A (mm)	B (mm)	C (mm)	D (mm)	D1 (mm)
2116.00	205	185.5	145	241	345
2117.00	254	242	169	265	418
2118.00	146	128	169	265	310



SR / Tehničke informacije:
• Mehanizam i zavrtanj su od nađajućeg čelika.

EN / Technical information:
• Mechanism and screw of stainless steel.

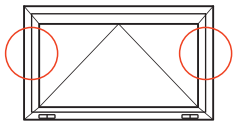
RU / Техническая информация:
• Детали механизма из нержавеющей стали.

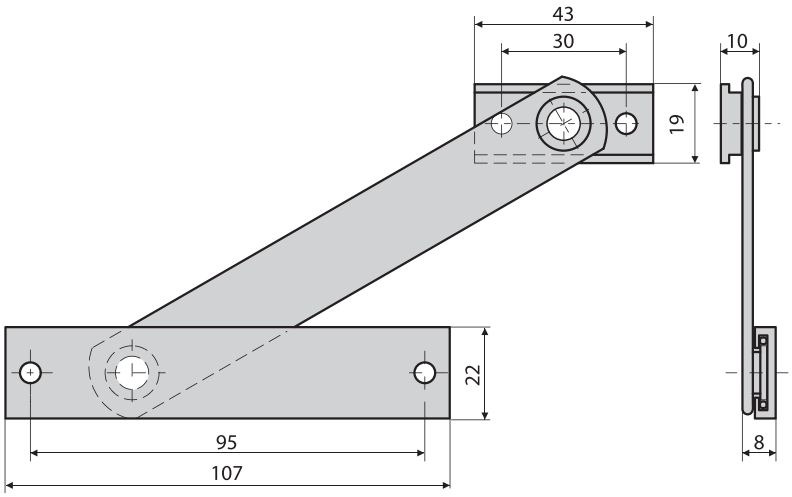


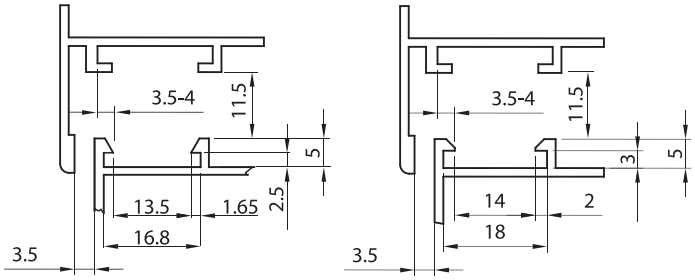
Pomične makaze

Sliding scissors

Движущиеся ножницы







SR / Tehničke informacije:

Na prozoru koji se otvara oko horizontalne ose, pomične makaze dozvoljavaju otklon za određeni ugao. Veličina otklona/ugla otvaranja zavisi od položaja makaza u odnosu na visinu prozora.

- Proizvodi se od ekstrudiranih aluminijumskih profila.
- Opruga je od opružnog čelika.
- Pločice, osovinice i zavrtnji su od nerđajućeg čelika.

EN / Technical information:

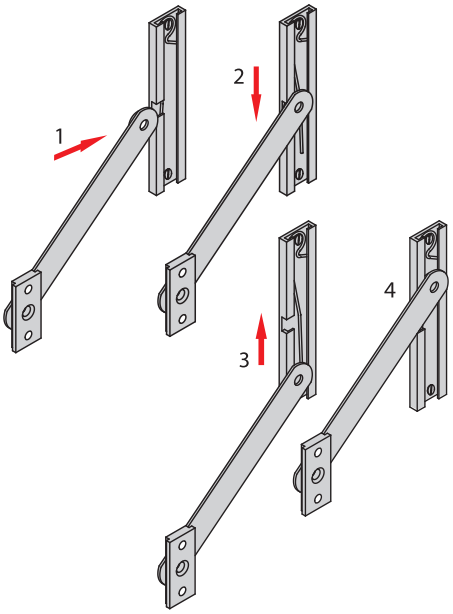
For the window that opens around horizontal axis, sliding scissors allow an opening for a determined angle. The opening range/opening angle depends of the scissors position according to the window high.

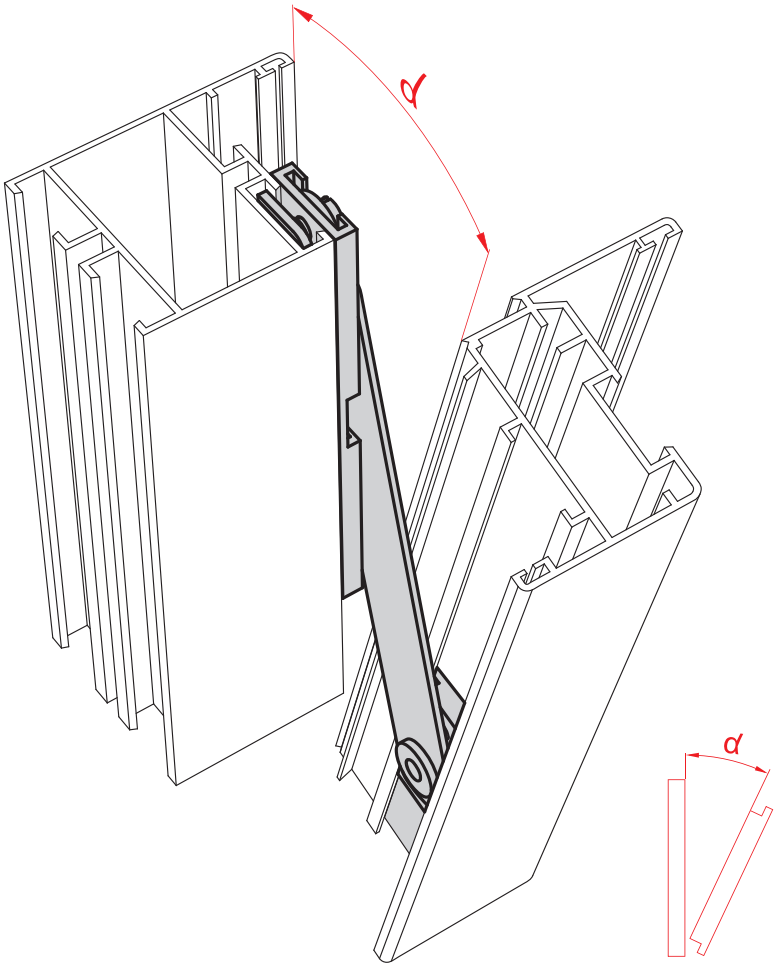
- It is made of extruded aluminium profiles.
- Spring is made of spring steel.
- Plates, pins and screws are made of stainless.

RU / Техническая информация:

Дополнительные ножницы позволяют отклонение за определенную величину угла.
Величина угла/наклона открывания зависит от соотношения между положением вспомогательных ножниц и высоты створки.

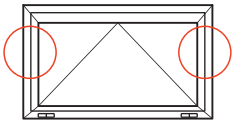
- Материал: экструдированный алюминий.
- Пружина из пружинной стали.
- Планки, осы и винты из нержавеющей стали.





Pomične makaze
Sliding scissors
Движущиеся ножницы

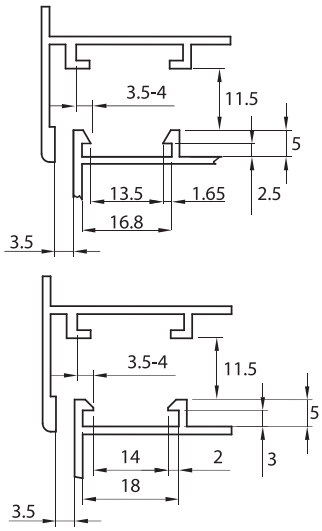
Artikal	L (mm)
4020.40	210
4020.41	145

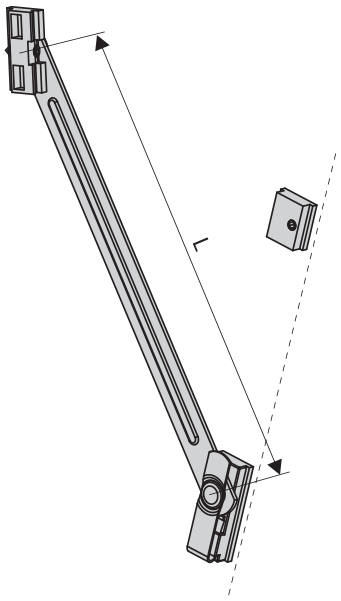


SR / Tehničke informacije:
Pomične makaze dozvoljavaju otklon prozora, koji se otvara oko horizontalne ose za određeni ugao. Veličina otklona/ugla otvaranja zavisi od položaja makaza duž visine prozora.
Proizvodi se od nerđajućeg čelika (poluga) i legure cinka (Zamak 5).
Opruga od opružnog čelika.
Osovinice i zavrtnji od nerđajućeg čelika.

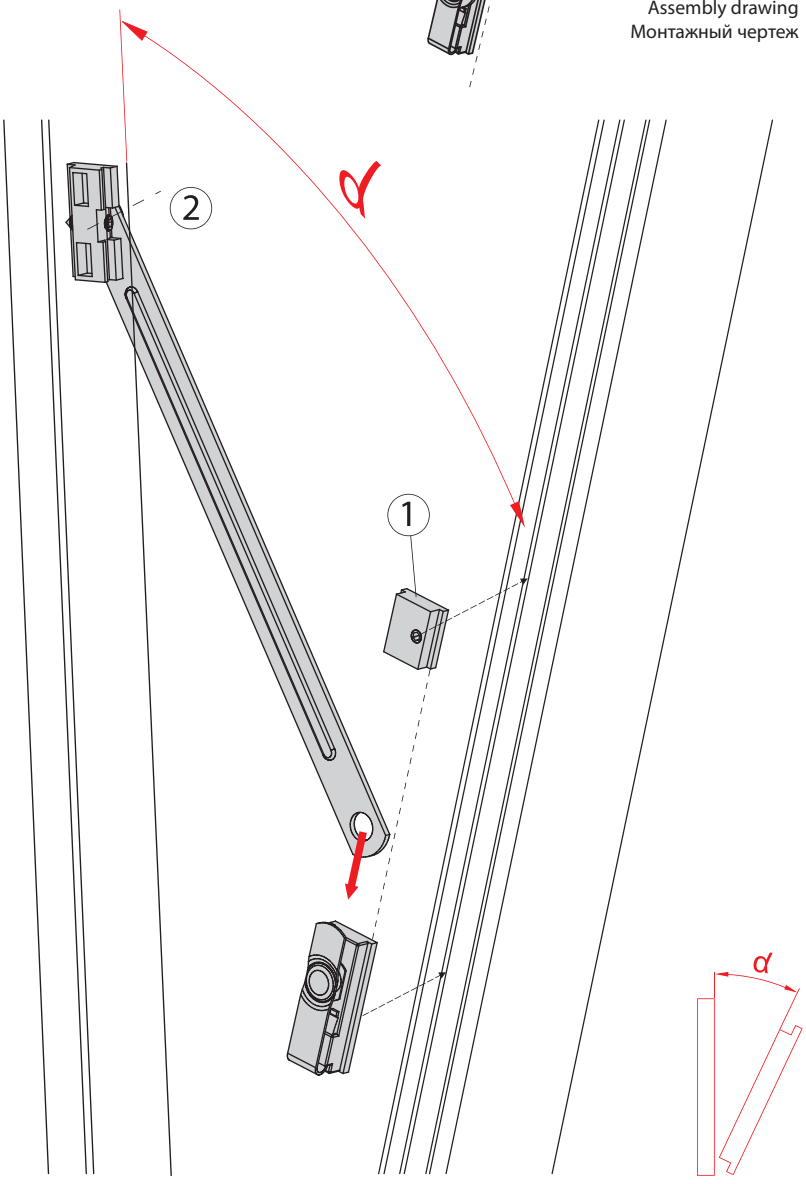
EN / Technical information:
For the window that opens around horizontal axis, sliding scissors allow an opening for a determined angle. The opening range/opening angle depends of the scissors position according to the window high.
Produced from stainless steel (arm) and zinc alloy.
Spring is made of spring steel.
Pins and screws are made of stainless steel.

RU / Техническая информация:
Дополнительные ножницы позволяют отклонение за определенную величину угла.
Величина угла/наклона открывания зависит от соотношения между положением вспомогательных ножниц и высоты створки.
Материал: нержавеющая сталь и сплав цинка (ЦАМ 5);
Пружина из пружинной стали;
Осы и винты из нержавеющей стали.





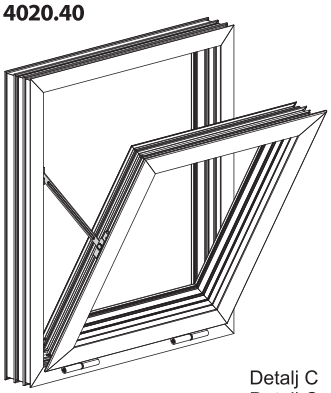
Montažni crtež
Assembly drawing
Монтажный чертеж

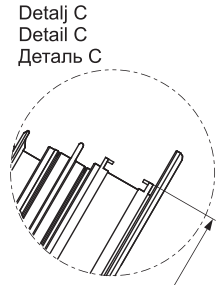


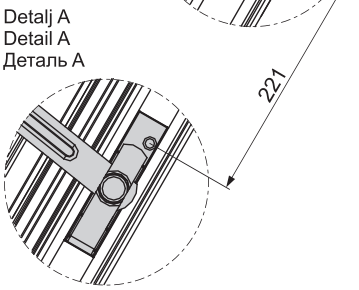
Položaj graničnika (1) u odnosu na fiksiranu osu obrtanja na doprozorniku/štoku (2) određuje ugao otklona α krila prozora. Ukoliko je graničnik bliže gornjoj fiksiranoj osi obrtanja to je ugao otklona krila prozora veći.
Положение ограничителя хода (1) по отношению к фиксированной осы вращения то наклон открывания створки становится больше.

Pomične makaze
Sliding scissors
Движущиеся ножницы

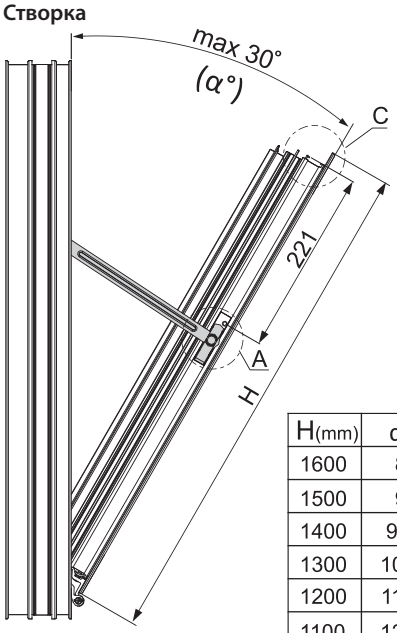
4020.40



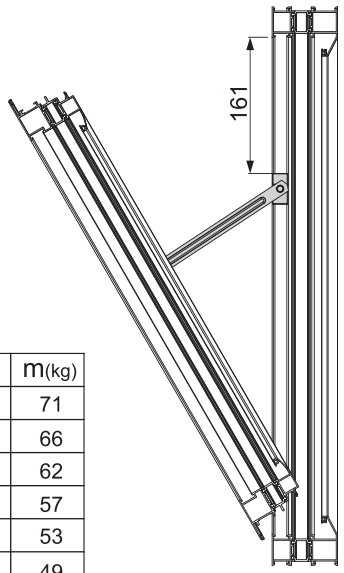




Krilo
Sash
Створка

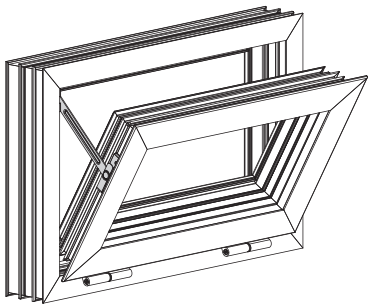


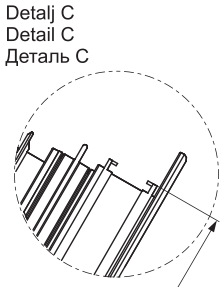
Štok
Frame
Рам

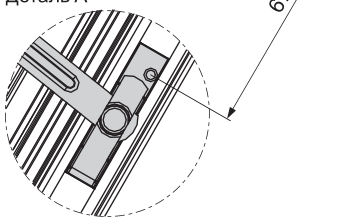


H(mm)	α°	m(kg)
1600	8	71
1500	9	66
1400	9.5	62
1300	10.5	57
1200	11.5	53
1100	12.5	49
1000	14.5	44
900	16.5	40
800	19.5	36
700	23.5	31
600	30	27

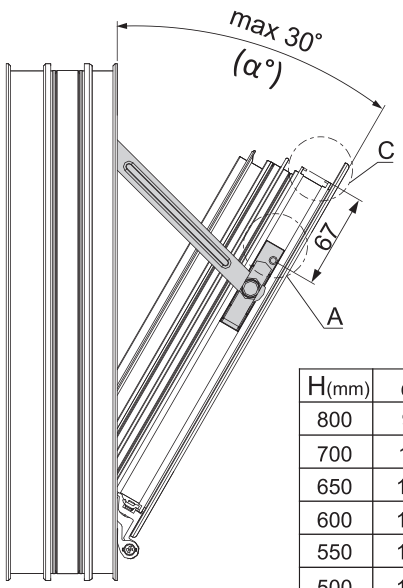
4020.41



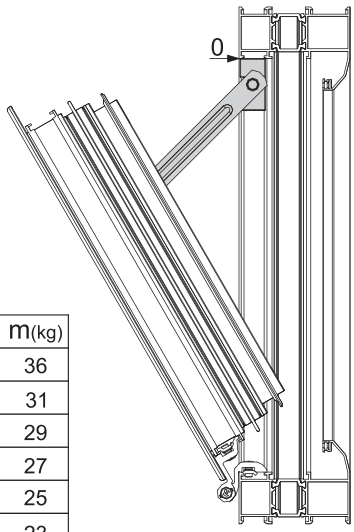




Krilo
Sash
Створка



Štok
Frame
Рам

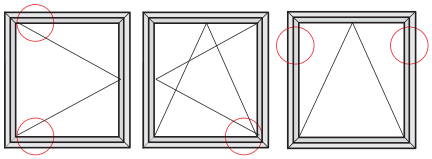


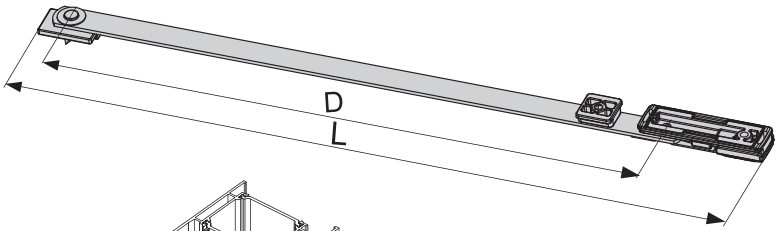
H(mm)	α°	m(kg)
800	9	36
700	11	31
650	12	29
600	13	27
550	14	25
500	16	23
450	18	20
400	21	18
350	24.5	16
300	30	14

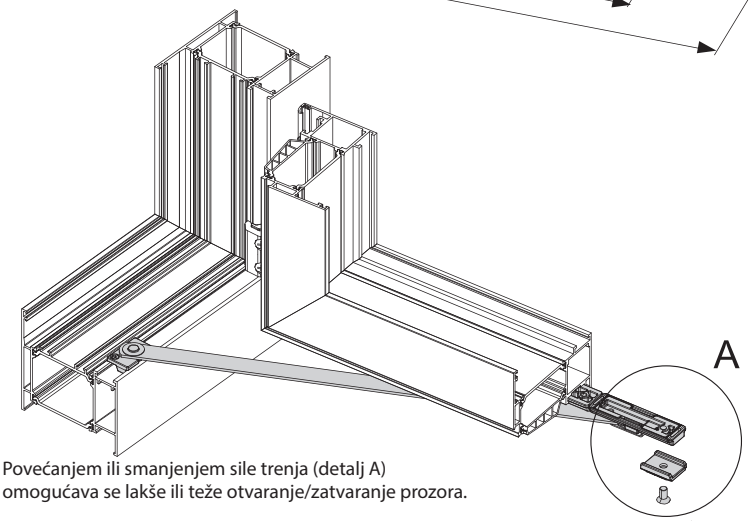
Napomena: Vrednosti u tabeli odnose se na jedan par makaza.
Note: The values in the table refer to one pair of scissors.
Примечание значения в таблице относятся к одной паре ножниц.

Granične makaze
Limiter arms
Ограничительные ножницы

Artikal	D (mm)	L (mm)
4020.43.00	145	217
4020.44.00	210	282
4020.45.00	335	407



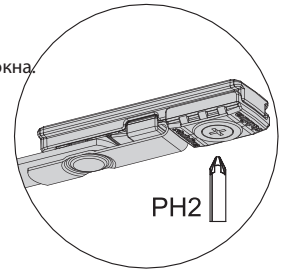




Povećanjem ili smanjenjem sile trenja (detalj A)
omogućava se lakše ili teže otvaranje/zatvaranje prozora.

By increasing or decreasing the friction force (detail A)
easier or harder opening/closing of the window is possible.

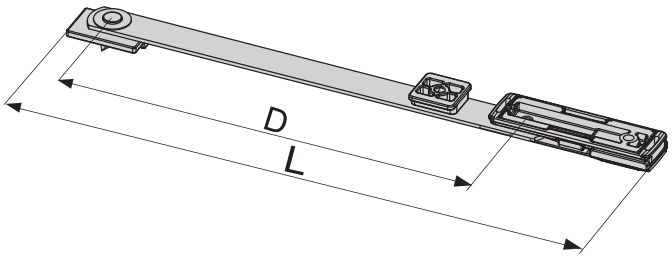
Увеличивая или уменьшая силу трения (деталь А)
озможно более легкое или жесткое открывание/закрывание окна.

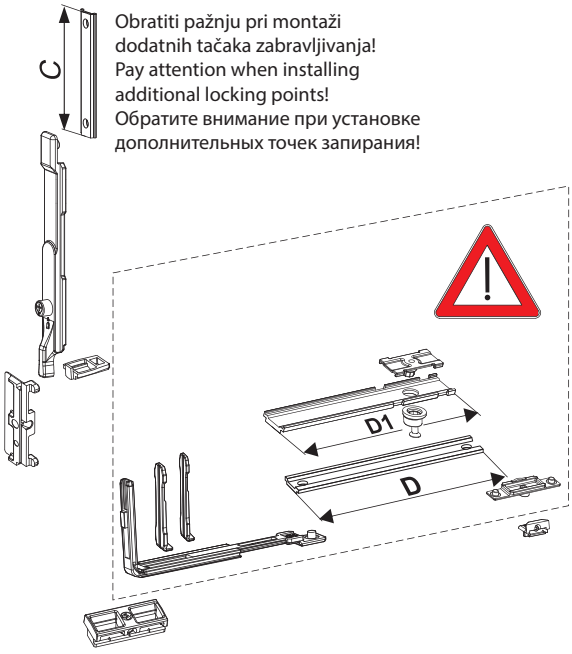


SR / Tehničke informacije:
•Granične makaze se primenjuju za ograničavanje ugla otvaranja uz mogućnost podešavanja sile trenja.
•Pozicije sklopa su od nerđajućeg čelika, legure cinka i poliamida.

EN / Technical information:
•Limiter arms are used to limit opening angle with the possibility of adjusting the friction force
•Assembly positions are made of stainless steel, zinc and polyamide.

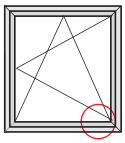
RU / Техническая информация:
•Ограничительные ножниц используются для ограничения угол раскрытия с возможностью регулировки сила трения.
•Позиции сборки изготовлены из нержавеющей стали, сплава цинка и полиамида.



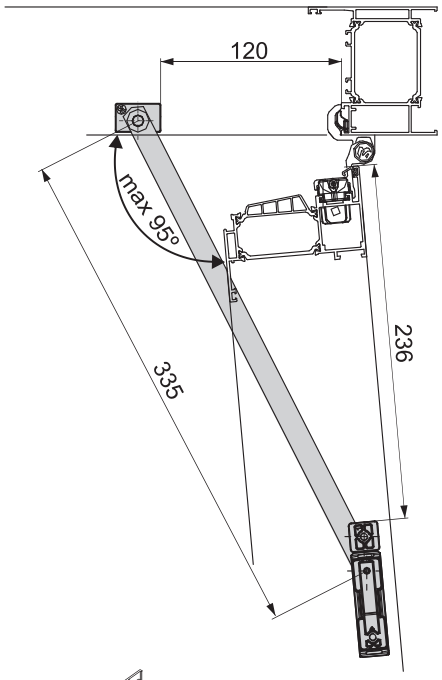


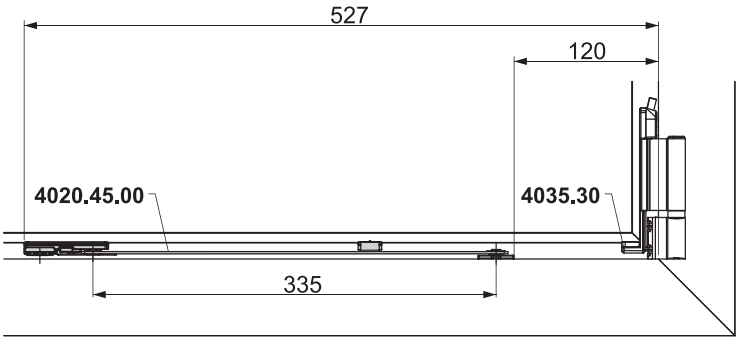
Obratiti pažnju pri montaži
dodatnih tačaka zabravljivanja!
Pay attention when installing
additional locking points!
Обратите внимание при установке
дополнительных точек запирания!

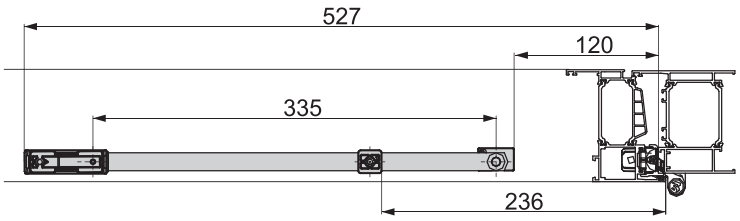
Granične makaze
Limiter arms
Ограничительные ножницы

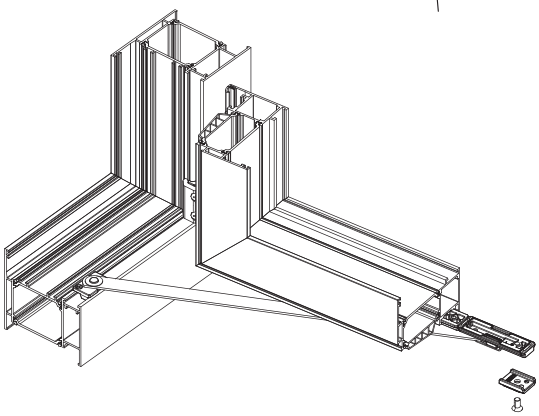


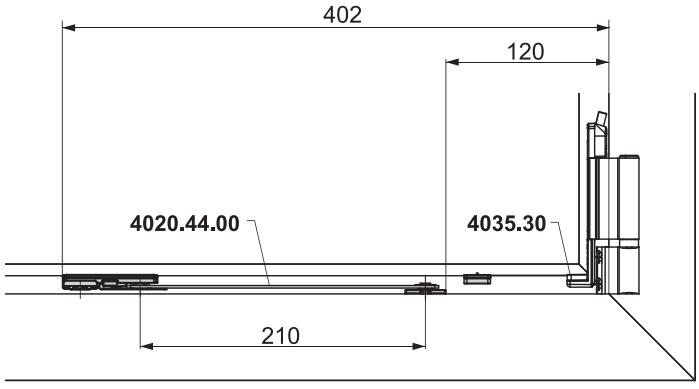
Montaža:
Assembly drawing:
Монтаж:

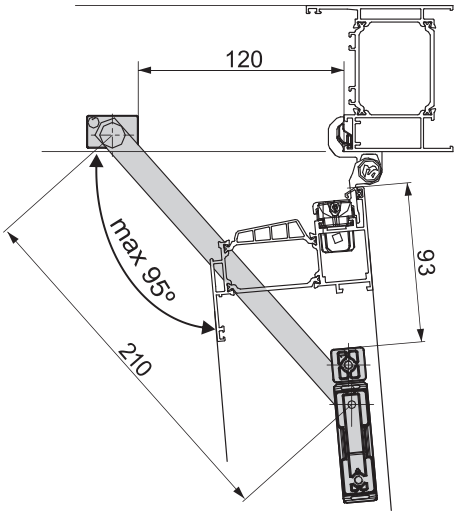


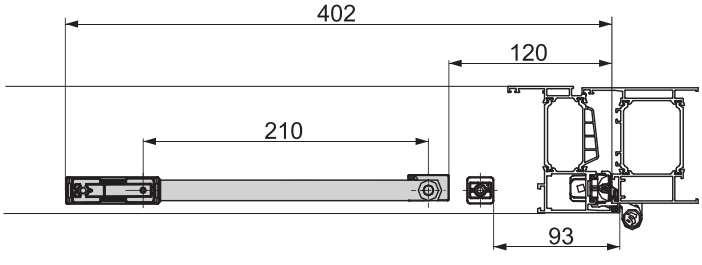




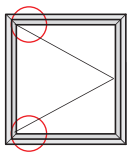


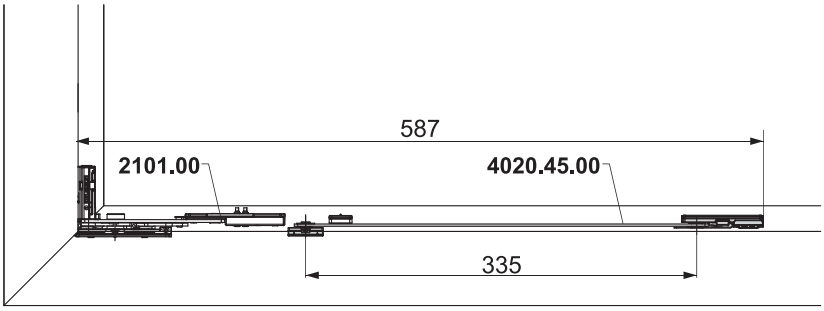


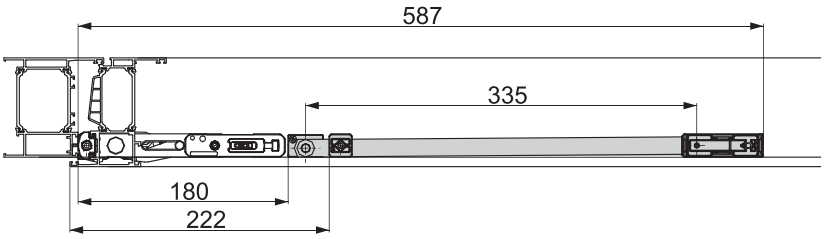


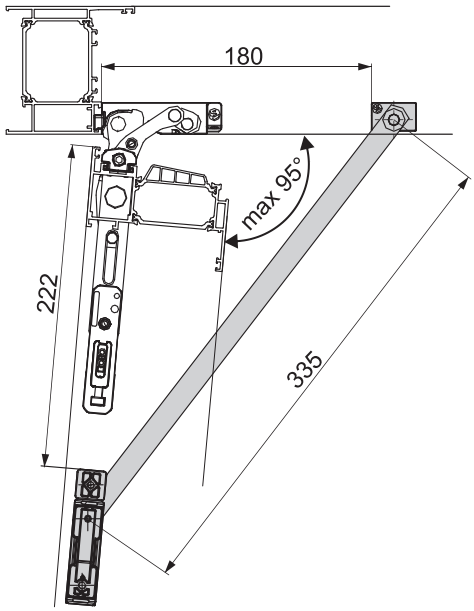


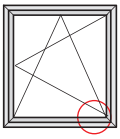
Granične makaze
Limiter arms
Ограничительные ножницы

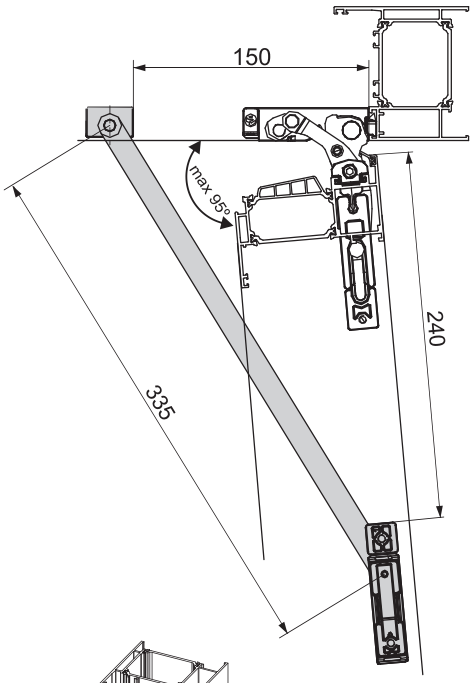


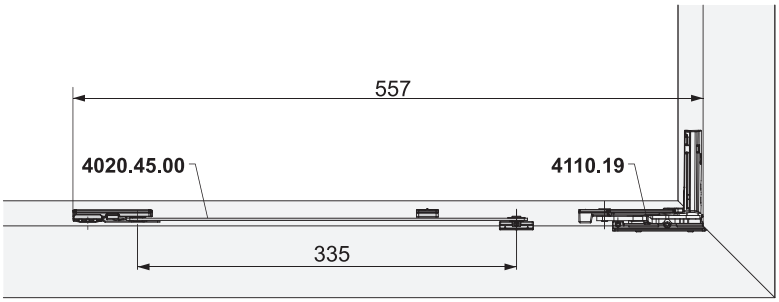


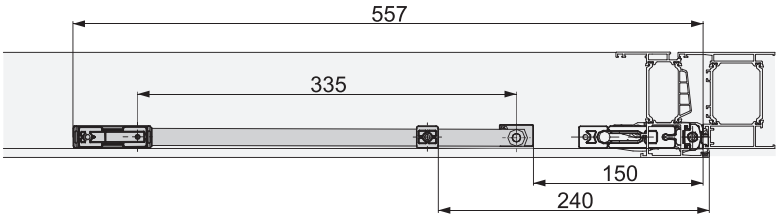







150
max 95°
240
335


557
4020.45.00
4110.19
335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335
150
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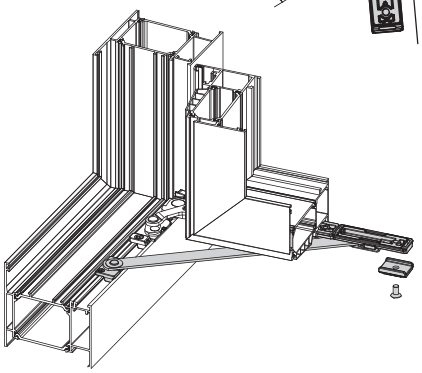
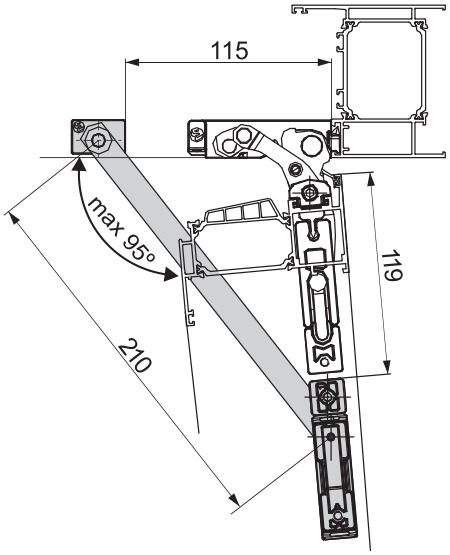
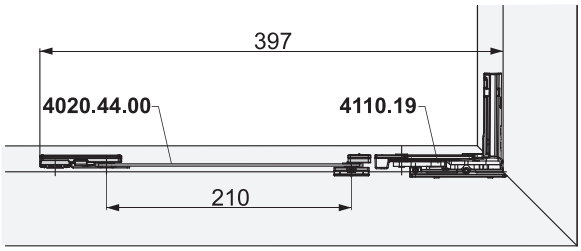
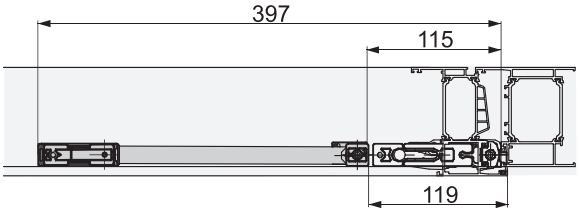
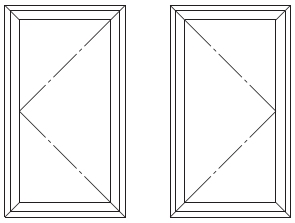


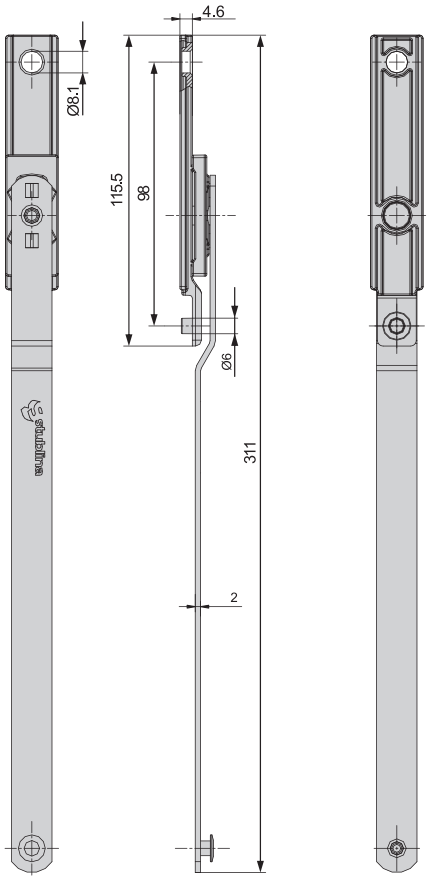

115
max 95°
119
210

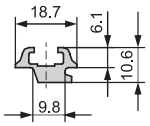

397
4020.44.00
4110.19
210

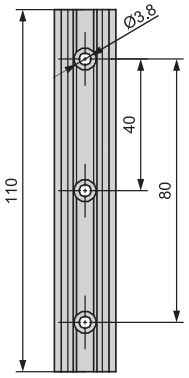

397
115
119

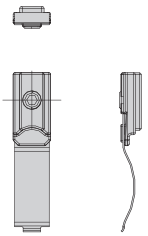
Sigurnosne granične makaze
Safety limiter scissors
Ограничительные ножницы

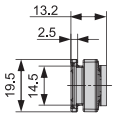








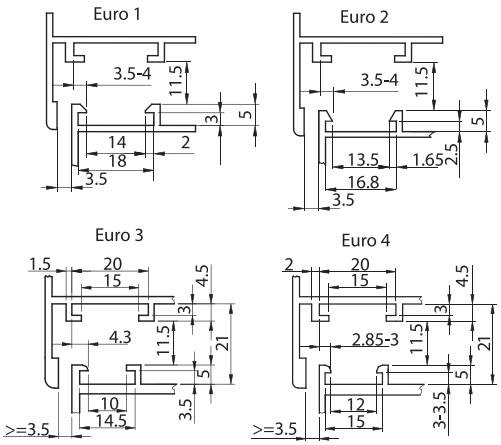


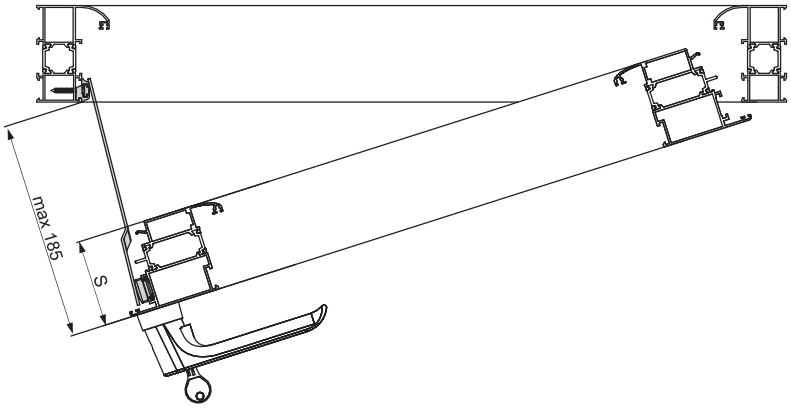


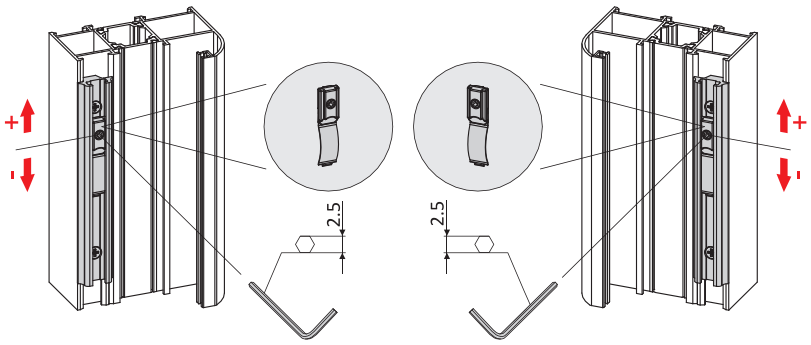
SR / Tehničke informacije:
•Proizvedena od legure cinka livenjem
pod visokim pritiskom, poliamida i nerđajućeg čelika.
•Opruga od opružnog čelika.

EN / Technical information:
•Manufactured of zinc alloy by
die-casting, polyamide and stainless steel.
•Spring made from steel.

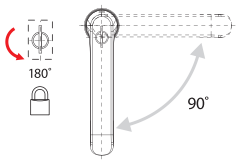
RU / Техническая информация:
•Изготовлен из сплава цинка, методом литья под высоким
давлениеми, полиамида и из нержавеющей стали.
•Пружина изготовлена из стали.

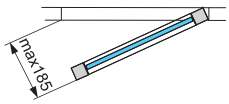


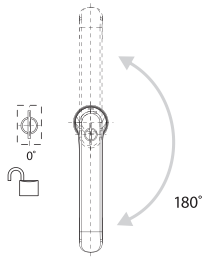


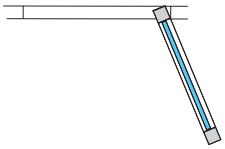


Sigurnosne granične makaze
Safety limiter scissors
Ограничительные ножницы





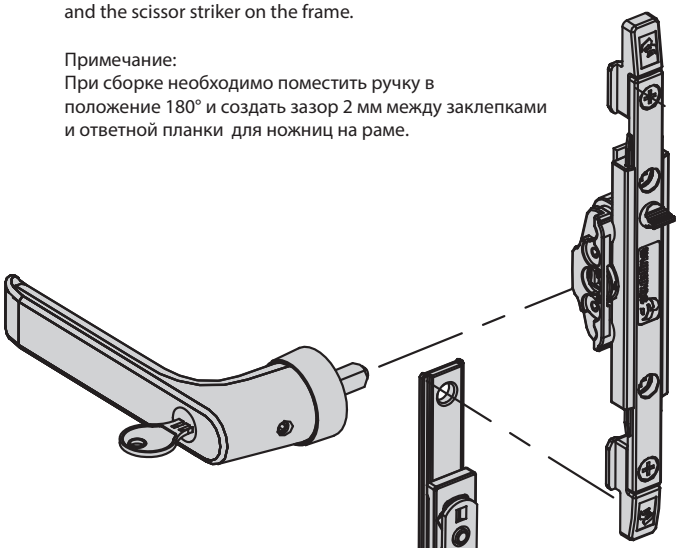


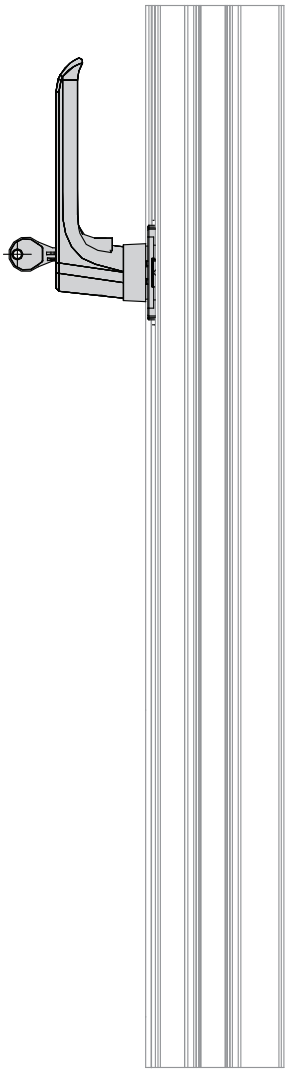


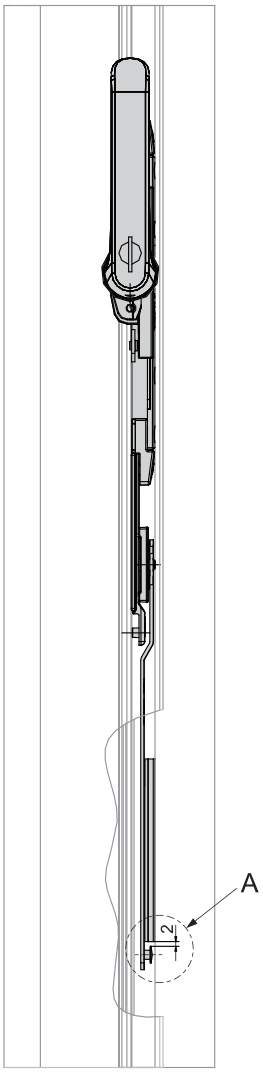
Napomena:
Pri montaži neophodno je da se ručica postavi u položaj 180° i da se ostvari 2mm između zakovice i prihvatnika makaze na štoku.

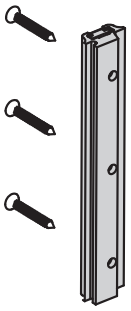
Note:
During assembly, it is necessary to place the handle in position 180° and to create a gap of 2mm between the rivets and the scissor striker on the frame.

Примечание:
При сборке необходимо поместить ручку в положение 180° и создать зазор 2 мм между заклепками и ответной планки для ножниц на раме.

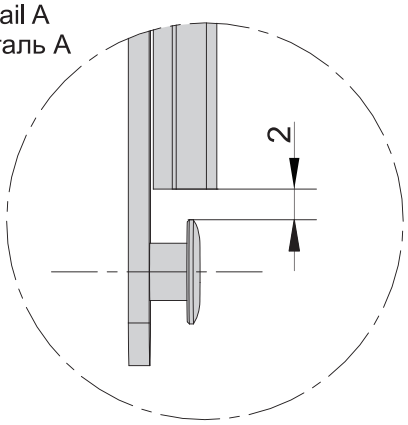








Detalj A
Detail A
Деталь A

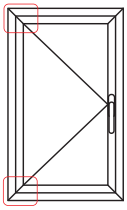


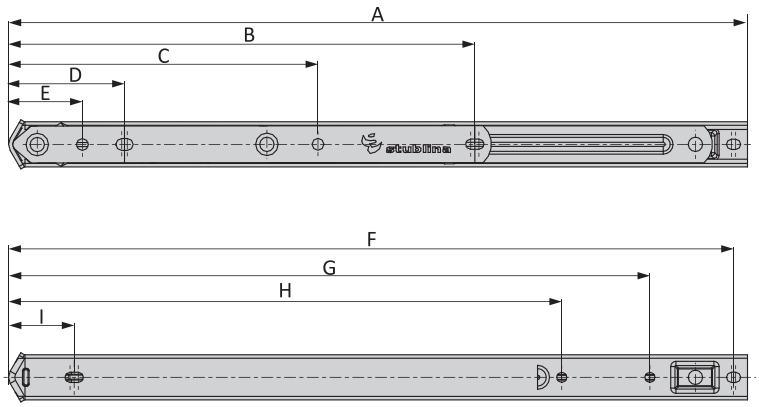
Makaze za spoljno otvaranje

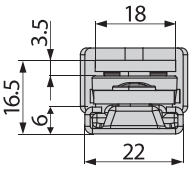
Scissors for outward opening

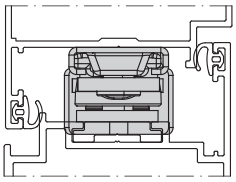
Ножницы для открытия наружу

Artikal	A	B	C	D	E	F	G	H	I
2113.00-10"	268	202	126	57	36	261	220	/	32
2114.00-12"	310	202	126	57	36	304	263	244	32
2115.00-14"	360	227	151	57	36	354	313	270	32







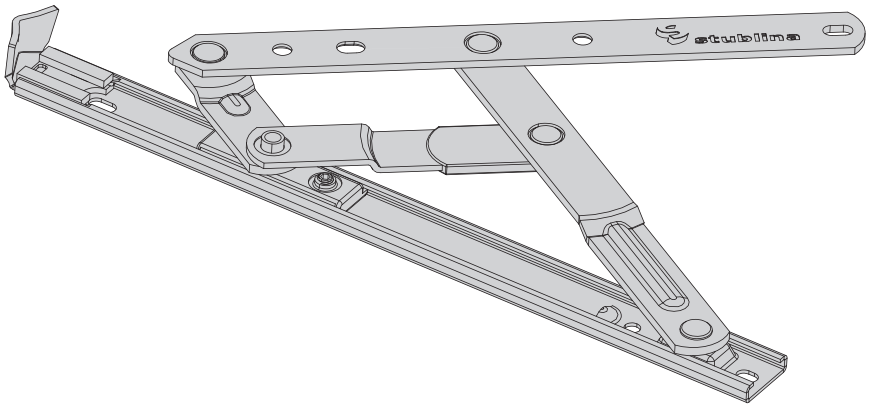


Tehnički parametri / Technical parameters/			
Maksimalna visina prozora/ Maximum window height/ (mm)	Maksimalna širina prozora/ Maximum window width/	Maksimalna težina prozora/ Maximum window weight/	Maksimalni ugao otvaranja/ Maximum opening angle/
1400	400	25	90
1500	500	30	90
1600	600	33	90

SR / Tehničke informacije:
- Mehanizam od nerđajućeg čelika.
- Plastični delovi od poliamida.

EN / Technical information:
- Mechanism of stainless steel.
- Plastic parts made of polyamide.

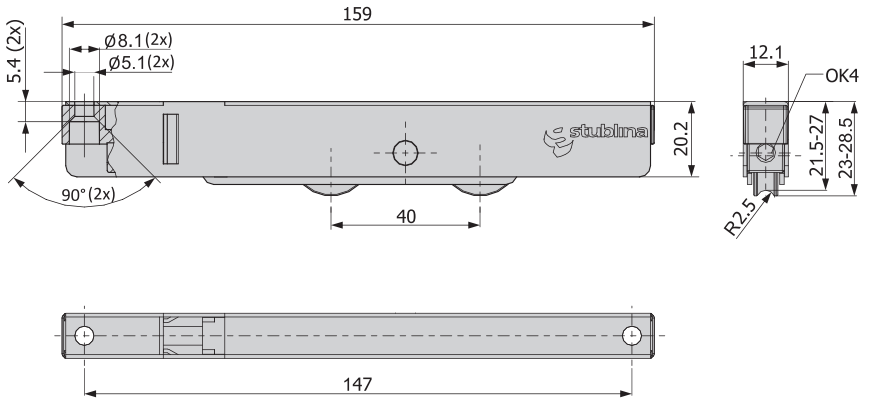
RU / Техническая информация:
- Детали механизма из нержавеющей стали и из полиамида.



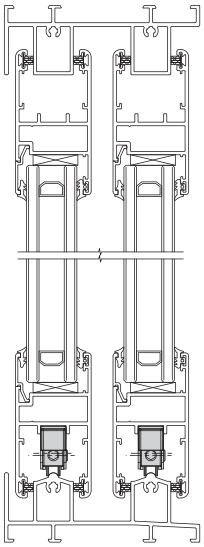
Kolica za klizne sisteme

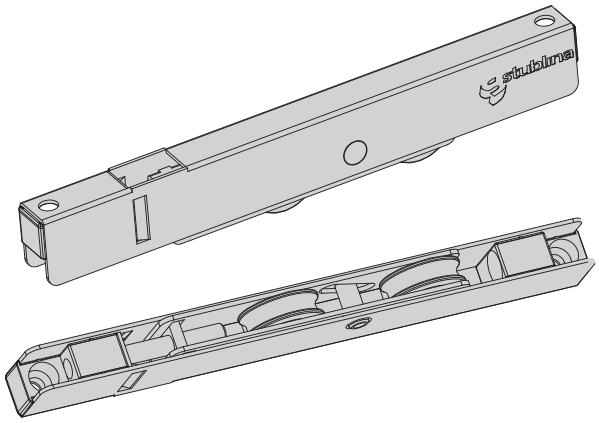
Rollers for sliding hinges

Ролики для раздвижных систем



Tehničke informacije:
Proizvedena od nerđajućeg čelika.
Plastični delovi od poliamida i poliacetala.
Technical information:
Manufactured of stainless steel.
Plastic parts made of polyamide and polyacetal.
Техническая информация:
Изготовлен из нержавеющей стали.
Детали из полиамида и полиацеталя.



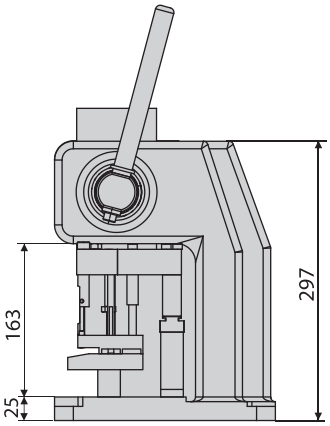


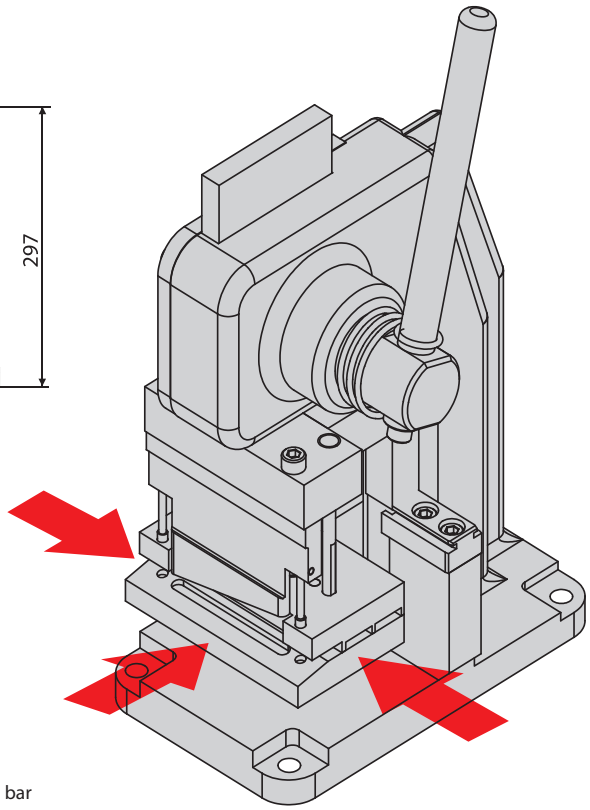
Presa za probijanje otvora na profilima

Press for punching holes in the profiles

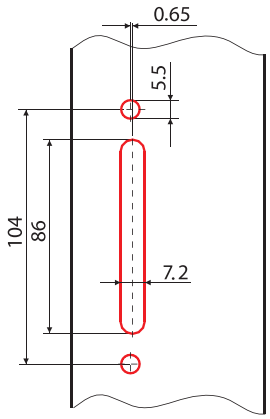
Пресс для пробивания монтажных отверстий

1000PR



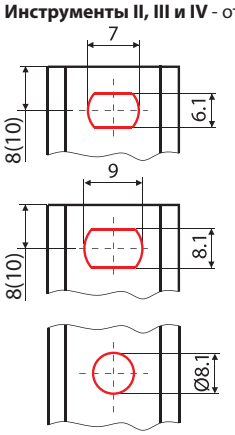


I alat – otvori za ručicu
I tool - handle holes
Инструмент I - отверстия для ручки

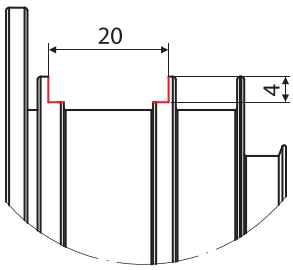


Probijanje otvora za pogonsku ručicu
po dimenzijama prema detalju
Punching the hole for handle according
to the dimensions according to the detail
Пробивание монтажных отверстий
для установки управляющей ручки

II, III i IV alat – otvori za potisnu letvu
II, III and IV tools - openings for the push bar
Инструменты II, III и IV - отверстия для соединительных тяг



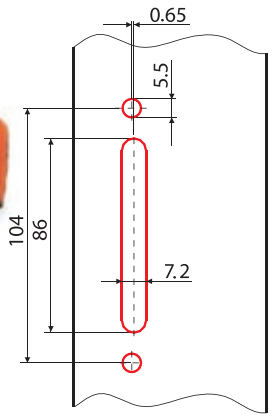
V alat – krzanje profila krila
V tool - sash profile processing
Инструмент V - обработка профиля створки



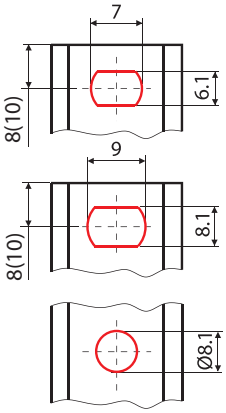
4100PP

Pneumatska presa
Pneumatic press
Пневматический пресс

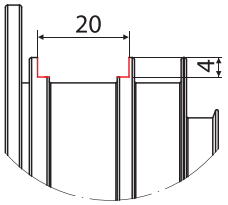
Probijanje otvora za pogonsku ručicu
po dimenzijama prema detalju
Punching the hole for handle according
to the dimensions according to the detail
Пробивание монтажных отверстий
для установки управляющей ручки



Otvori za potisnu letvu
Openings for the push bar
Отверстия для соединительных тяг



Krzanje profila krila
Sash profile processing
Обработка профиля створки

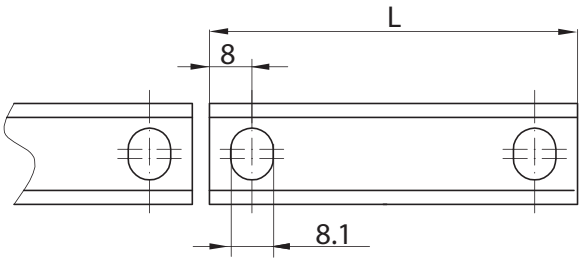


Ručna presa za probijanje i skraćivanje potisne trake

Press for punching and cutting connecting rode

Ручной пресс для пробивания отверстий и для укорачивания фурнитурной тяги

4000RPT

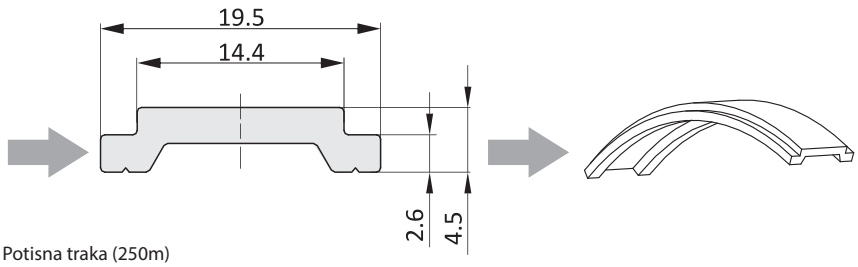


SR / Tehničke informacije:
•Pozicije od čelika, aluminijuma i plastike.

EN / Technical information:
•Positions made of steel, aluminum and plastic.

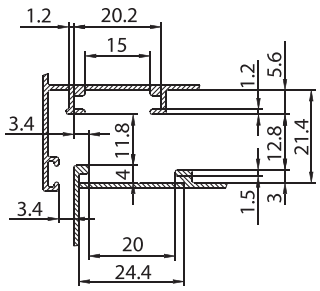
RU / Техническая информация:
•Позиции изготовлены из стали, алюминия и пластмассы.

4000PT

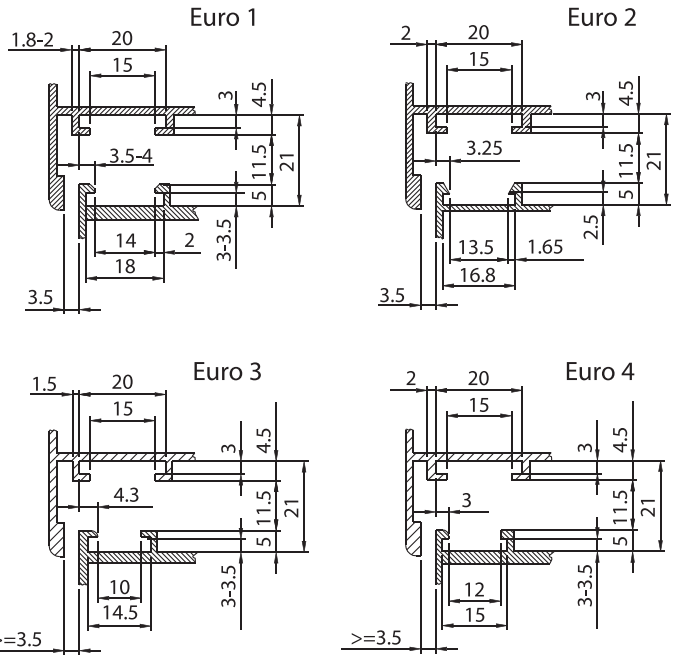


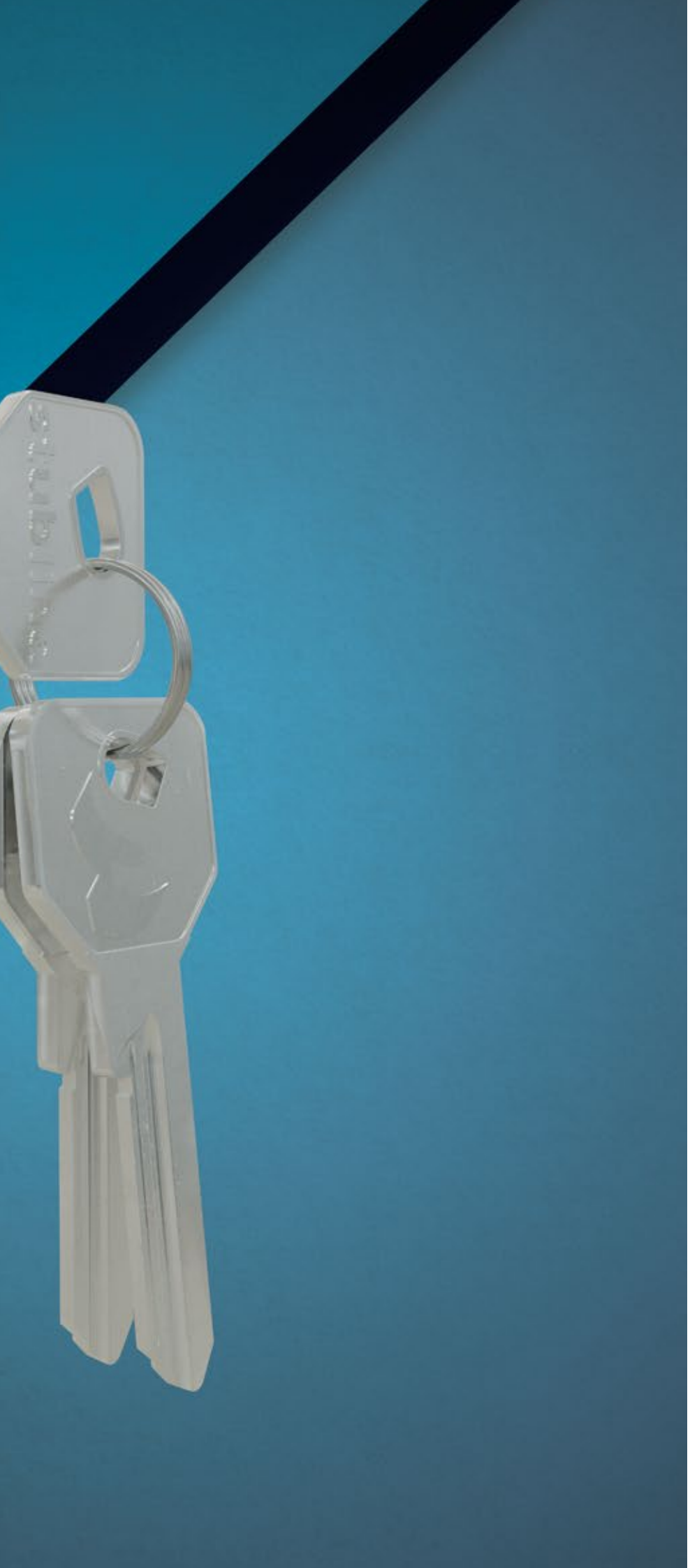
Potisna traka (250m)
Connecting rode (250m)
Фурнитурная тяга (250m)

Provedal sistem
Provedal system
Проведал систем



Tipologija poprečnog preseka euro žljeba
Typology of cross-sectional euro groove
Профили в разрезе





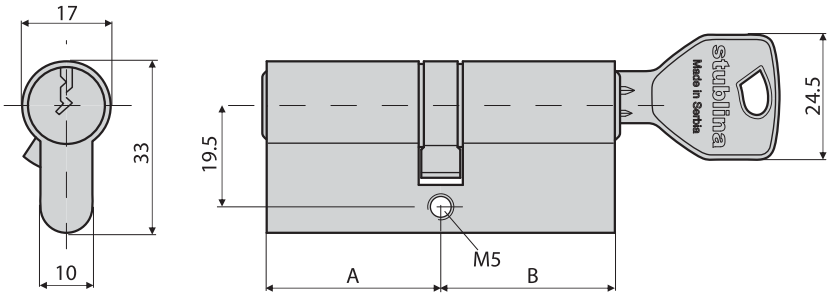
Uložak za bravu (cilindar)
Element for lock (cylinder)
Вставка для замка (цилиндр)

5000.00.....288
5100.00.....289
5600.00.....290
5400.00.....291
5300.00.....292
5500.00.....292

Uložak za bravu (cilindar) ključ-ključ

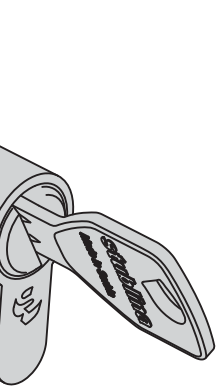
Element for lock (cylinder) key-key

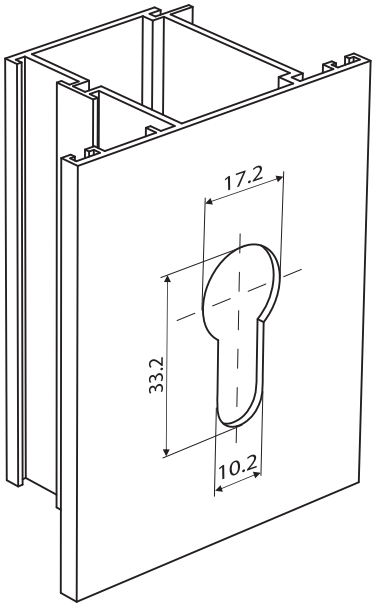
Вставка для замка (цилиндр) ключ-ключ

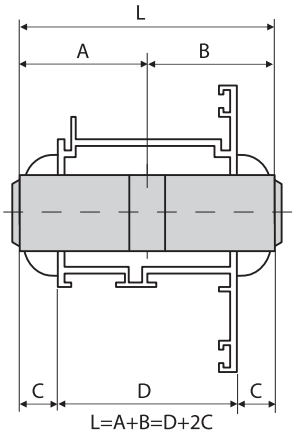


Artikal		A (mm)	B (mm)
5052.00.520	(31x31)	31	31
5053.00.520	(31x35)	31	35
5054.00.520	(31x41)	31	41
5055.00.520	(31x45)	31	45
5056.00.520	(31x51)	31	51
5057.00.520	(31x61)	31	61
5058.00.520	(41x41)	41	41
5059.00.520	(35x45)	35	45
5060.00.520	(35x41)	35	41
5061.00.520	(35x55)	35	55
5062.00.520	(51x51)	51	51
5063.00.520	(35x35)	35	35
5064.00.520	(41x51)	41	51
5065.00.520	(41x61)	41	61
5066.00.520	(45x45)	45	45
5067.00.520	(51x55)	51	55
5068.00.520	(45x55)	45	55
5069.00.520	(41x45)	41	45
5070.00.520	(31x71)	31	71
5071.00.520	(35x71)	35	71
5072.00.520	(35x61)	35	61
5073.00.520	(51x61)	51	61
5074.00.520	(41x55)	41	55
5075.00.520	(45x51)	45	51
5076.00.520	(41x71)	41	71
5077.00.520	(61x61)	61	61
5078.00.520	(31x55)	31	55
5079.00.520	(35x75)	35	75
5080.00.520	(31x65)	31	65
5081.00.520	(31x81)	31	81

Standardne dimenzije
Standard dimensions
Стандартные размеры

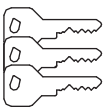




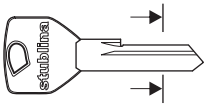


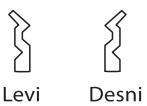
Cilindre proizvodimo
sa niklovanom površinskom zaštitom
We produce
nickel plated surface protected cylinders
Цилиндры изготовляются
с никелированной поверхностной защитой

Standardna isporuka sa tri ključa
Standard delivery with three keys
Стандартная поставка с тремя ключами



Kataloški broj
Catalogue number
Номер по каталогу

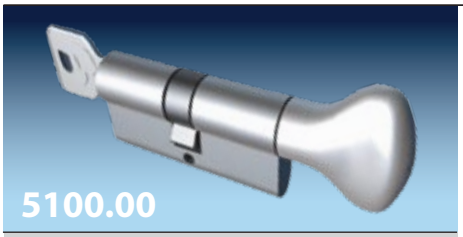




Uložak za bravu (cilindar) dugme-ključ

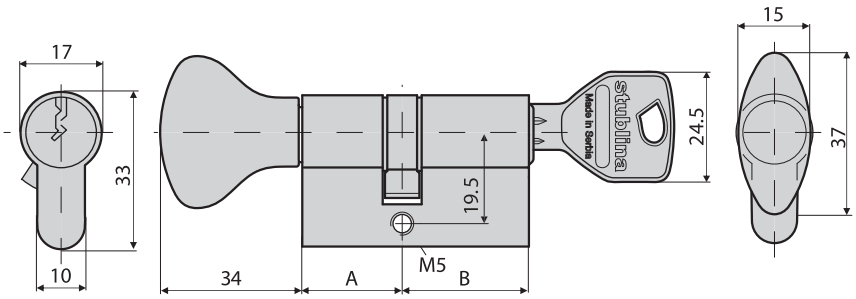
Element for lock (cylinder) Button-key

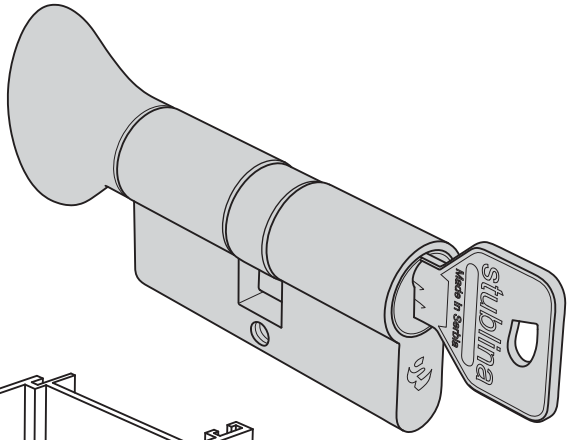
Вставка для замка (цилиндр) кнопка-ключ

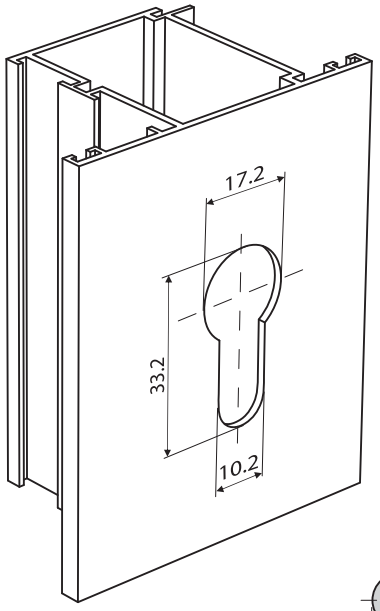


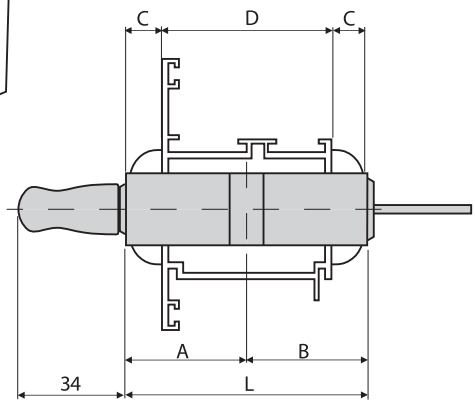
Artikal		A (mm)	B (mm)
5100.00.520	(35x31)	35	31
5101.00.520	(35x41)	35	41
5102.00.520	(31x41)	31	41
5103.00.520	(45x31)	45	31
5104.00.520	(31x51)	31	51
5105.00.520	(31x61)	31	61
5106.00.520	(31x31)	31	31
5107.00.520	(41x31)	41	31
5108.00.520	(31x35)	31	35
5109.00.520	(35x35)	35	35
5110.00.520	(41x45)	41	45
5111.00.520	(45x45)	45	45
5112.00.520	(41x41)	41	41
5113.00.520	(35x45)	35	45
5114.00.520	(61x31)	61	31
5115.00.520	(41x51)	41	51
5116.00.520	(51x51)	51	51
5117.00.520	(45x35)	45	35
5118.00.520	(51x41)	51	41
5119.00.520	(51x31)	51	31
5120.00.520	(31x45)	31	45
5121.00.520	(41x35)	41	35
5122.00.520	(45x51)	45	51
5123.00.520	(35x55)	35	55
5124.00.520	(45x55)	45	55
5125.00.520	(41x61)	41	61
5126.00.520	(51x45)	51	45
5127.00.520	(61x41)	61	41
5128.00.520	(31x65)	31	65
5129.00.520	(61x35)	61	35
5130.00.520	(35x71)	35	71
5131.00.520	(31x71)	31	71
5132.00.520	(55x35)	55	35
5133.00.520	(71x31)	71	31
5134.00.520	(55x45)	55	45
5135.00.520	(51x61)	51	61
5136.00.520	(35x61)	35	61
5137.00.520	(65x31)	65	31
5138.00.520	(75x35)	75	35
5139.00.520	(31x81)	31	81
5140.00.520	(61x51)	61	51
5141.00.520	(55x41)	55	41
5142.00.520	(71x41)	71	41
5143.00.520	(41x55)	41	55
5144.00.520	(51x55)	51	55
5145.00.520	(81x31)	81	31
5146.00.520	(75x31)	75	31
5147.00.520	(35x75)	35	75

Cilindre proizvodimo
sa niklovanom površinskom zaštitom
We produce
nickel plated surface protected cylinders
Цилиндры изготовляются
с никелированной поверхностной защитой





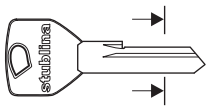


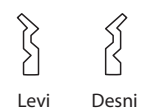


L=A+B=D+2C

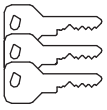
C=15(10)

Kataloški broj
Catalogue number
Номер по каталогу





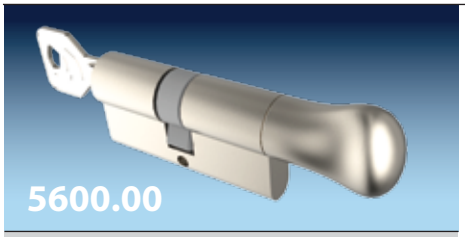
Standardna isporuka sa tri ključa
Standard delivery with three keys
Стандартная поставка с тремя ключами



Uložak za bravu (cilindar) dugme-ključ

Element for lock (cylinder) Button-key

Вставка для замка (цилиндр) кнопка-ключ

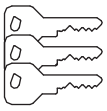


Artikal		A (mm)	B (mm)
5602.00.520	(31x41)	31	41
5604.00.520	(31x51)	31	51
5605.00.520	(31x61)	31	61
5606.00.520	(31x31)	31	31
5609.00.520	(35x35)	35	35
5623.00.520	(35x55)	35	55

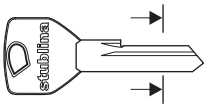
Standardne dimenzije
Standard dimensions
Стандартные размеры

Cilindre proizvodimo
sa niklovanom površinskom zaštitom
We produce
nickel plated surface protected cylinders
Цилиндры изготовляются
с никелированной поверхностной защитой

Standardna isporuka sa tri ključa
Standard delivery with three keys
Стандартная поставка с тремя ключами

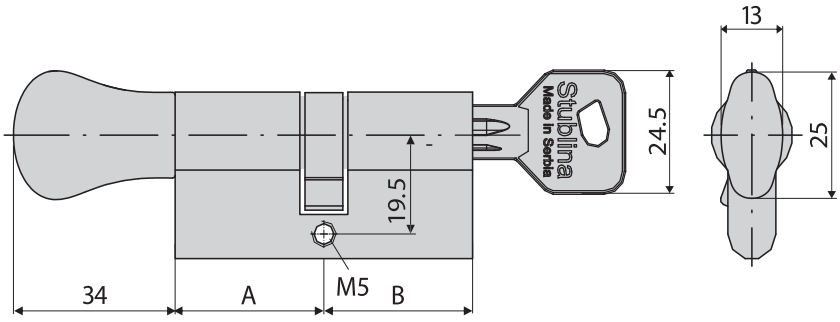


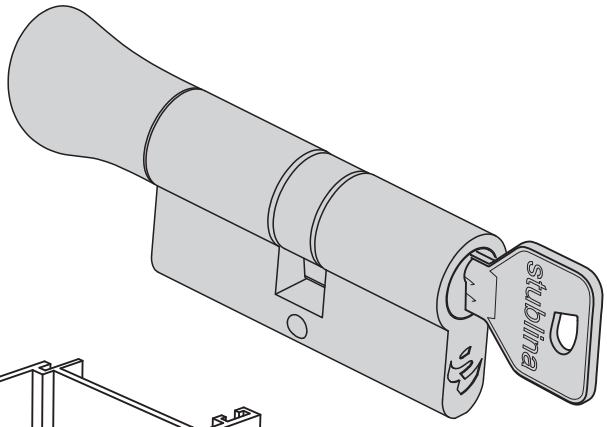
Kataloški broj
Catalogue number
Номер по каталогу

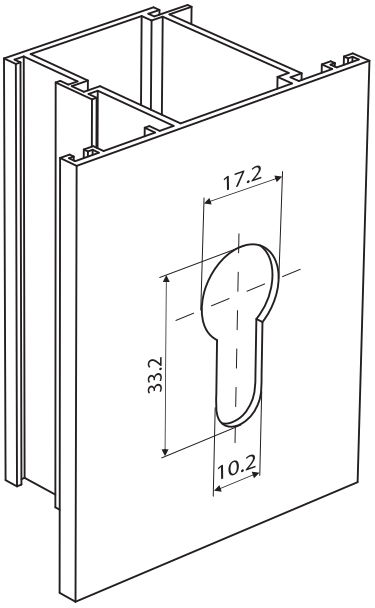


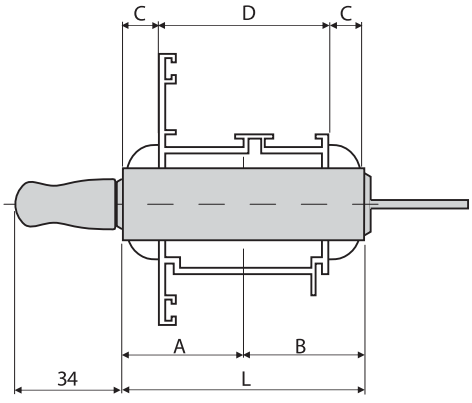
5000/L Levi

5000/D Desni









L=A+B=D+2C
C=15(10)

Uložak za bravu (cilindar) za sanitarne prostorije

Element for lock (cylinder) for sanitary facilities

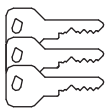
Вставка для замка (цилиндр) для санитарных помещений

Artikal		A (mm)	B (mm)
5400.00.520	(35x31)	35	31
5401.00.520	(35x41)	35	41
5402.00.520	(31x41)	31	41
5403.00.520	(45x31)	45	31
5404.00.520	(31x51)	31	51
5405.00.520	(31x61)	31	61
5406.00.520	(31x31)	31	31
5407.00.520	(41x31)	41	31
5408.00.520	(31x35)	31	35
5409.00.520	(35x35)	35	35
5410.00.520	(41x45)	41	45
5411.00.520	(45x45)	45	45
5412.00.520	(41x41)	41	41
5413.00.520	(35x45)	35	45
5414.00.520	(61x31)	61	31
5415.00.520	(41x51)	41	51
5416.00.520	(51x51)	51	51
5417.00.520	(45x35)	45	35
5418.00.520	(51x41)	51	41
5419.00.520	(51x31)	51	31
5420.00.520	(31x45)	31	45
5421.00.520	(41x35)	41	35
5422.00.520	(45x51)	45	51
5423.00.520	(35x55)	35	55
5424.00.520	(45x55)	45	55

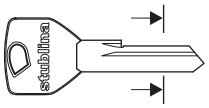
Standardne dimenzije
Standard dimensions
Стандартные размеры

Cilindre proizvodimo
sa niklovanom površinskom zaštitom
We produce
nickel plated surface protected cylinders
Цилиндры изготовляются
с никелированной поверхностной защитой

Standardna isporuka sa tri ključa
Standard delivery with three keys
Стандартная поставка с тремя ключами

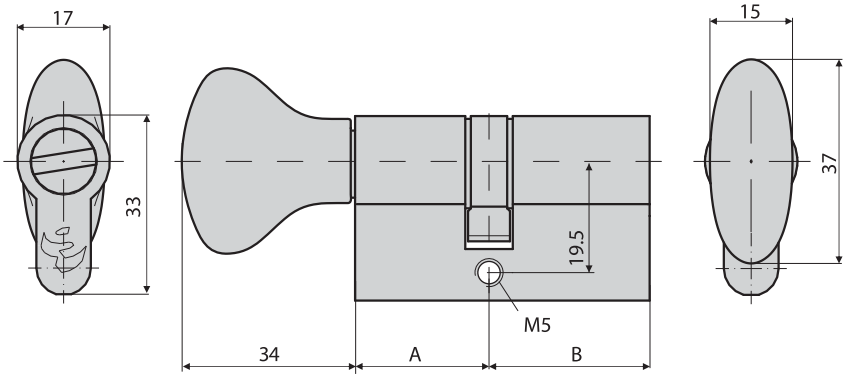


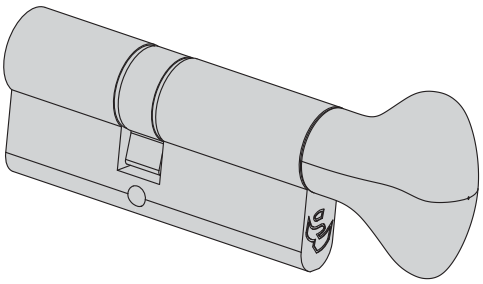
Kataloški broj
Catalogue number
Номер по каталогу

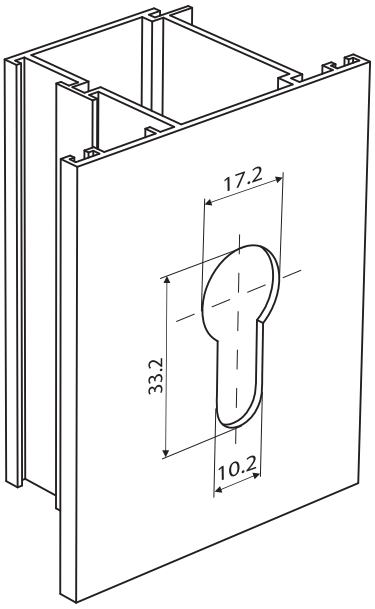


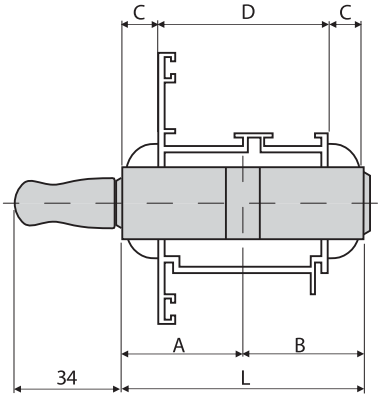
5000/L Levi

5000/D Desni







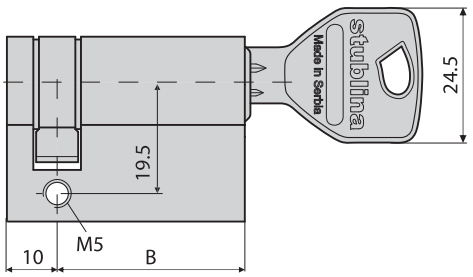


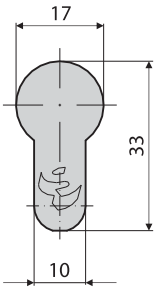
L=A+B=D+2C
C=15(10)

Uložak za bravu - polucilindar

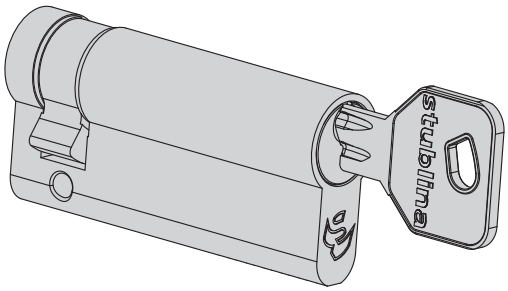
Element for lock half - cylinder

Вставка для замка - полуцилиндр

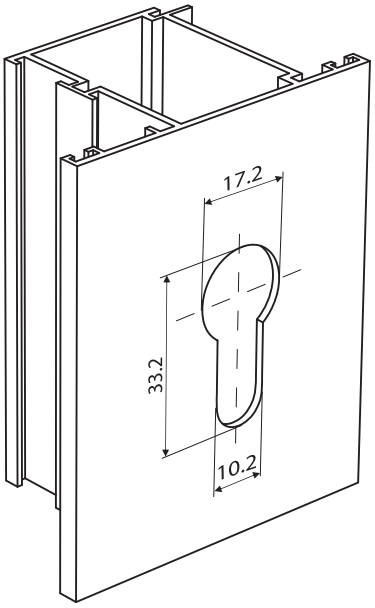




Artikal		B (mm)
5301.00.520	(31x10)	31
5302.00.520	(35x10)	35
5303.00.520	(41x10)	41
5304.00.520	(45x10)	45
5305.00.520	(51x10)	51
5306.00.520	(55x10)	55

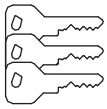


Standardne dimenzije
Standard dimensions
Стандартные размеры

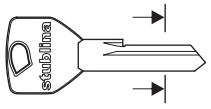


Cilindre proizvodimo
sa niklovanom površinskom zaštitom
We produce
nickel plated surface protected cylinders
Цилиндры изготовляются
с никелированной поверхностной защитой

Standardna isporuka sa tri ključa
Standard delivery with three keys
Стандартная поставка с тремя ключами

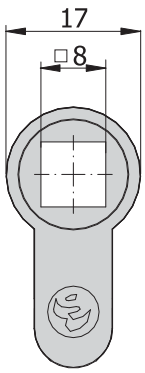


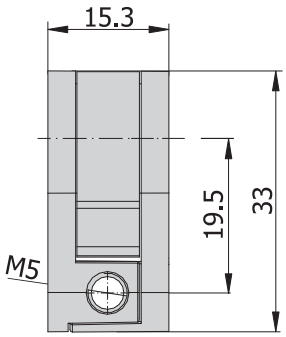
Kataloški broj
Catalogue number
Номер по каталогу

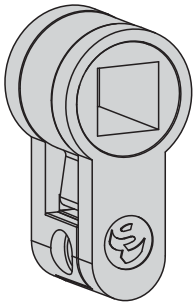


5000/L Levi

5000/D Desni



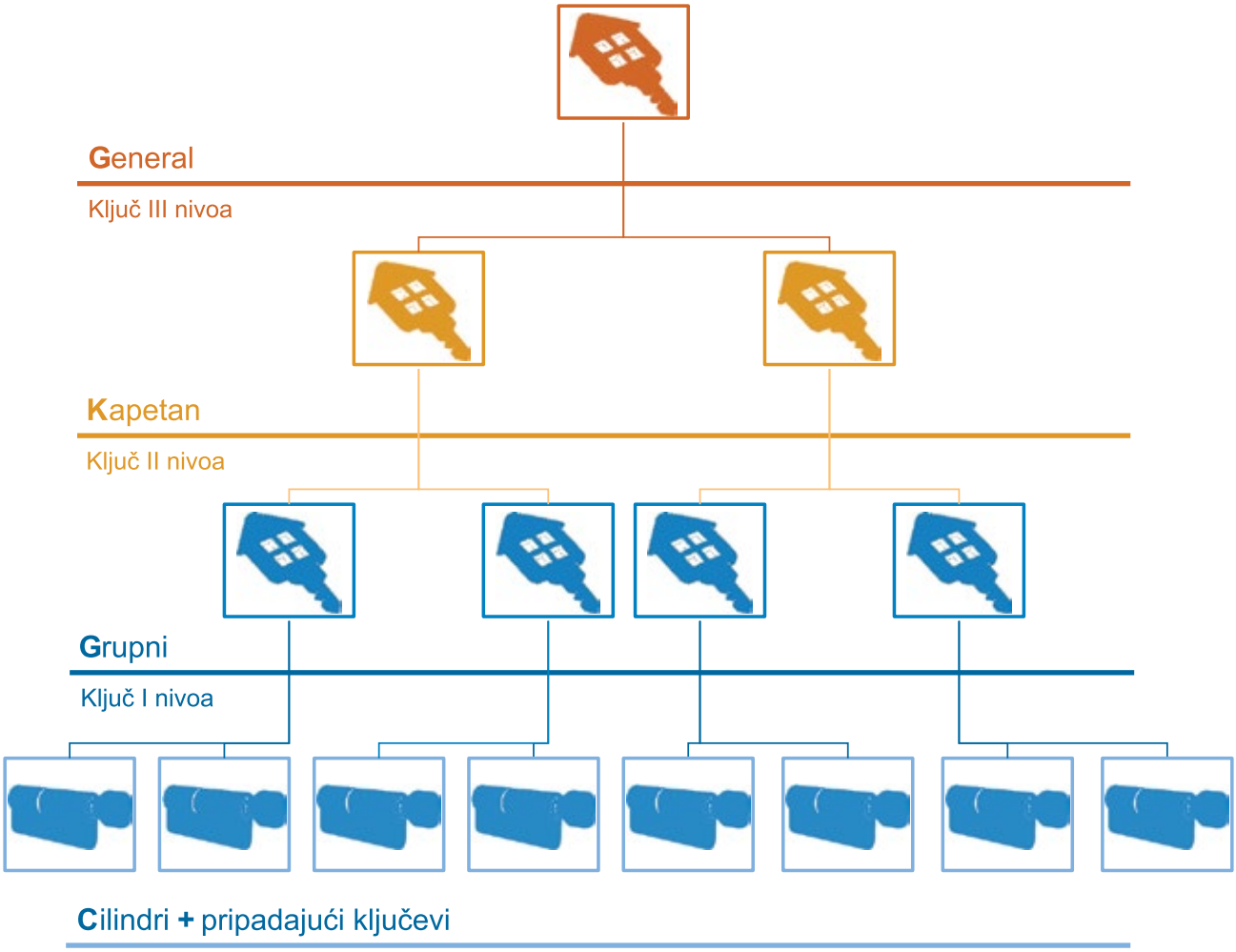




Uložak za bravu (cilindar)
Element for lock (cylinder)
Вставка для замка (цилиндр)

Oznaka artikla: Kataloški broj cilindra /**M**

Sistem MASTER ključa



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sa niklovanom površinskom zaštitom
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nickel plated surface protected cylinders
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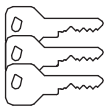
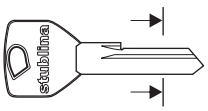
Standardna isporuka sa tri ključa
Standard delivery with three keys
Стандартная поставка с тремя ключами



Kataloški broj
Catalogue number
Номер по каталогу



5000/L Levi

5000/D Desni

diplomat

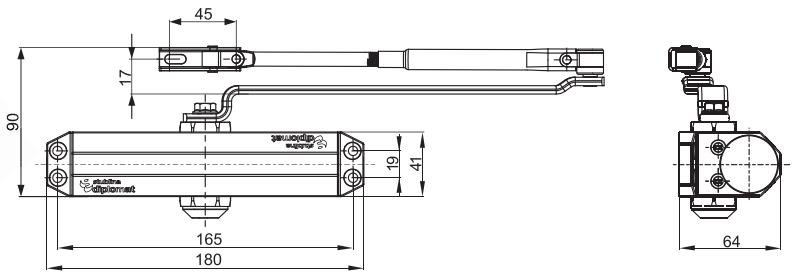
Univerzalni zatvarač vrata
Universal door closer
Универсальный дверной доводчик

6020.00, 6030.00 296
6021.00.....296
6040.00, 6050.00 297
6041.00.....297
6062.00, 6063.00 298
6021.00.....298
6042.00 299

Univerzalni zatvarač vrata

Universal door closer

Универсальный дверной доводчик

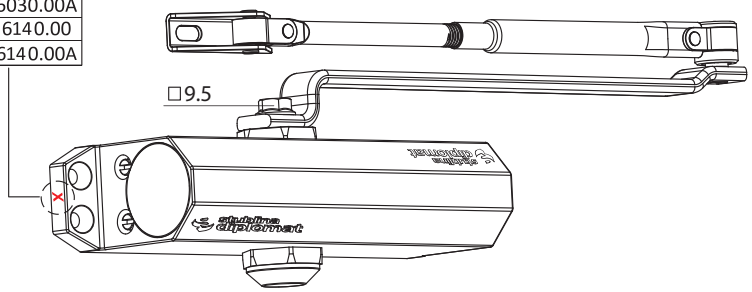


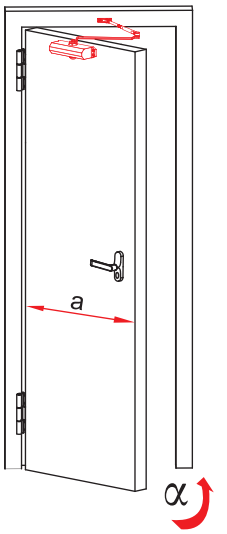
Artikal	Širina vrata Door width Ширина двери	Masa vrata Door mass Масса двери	Momenat zatvaranja Closing torque (0°- 4°) Момент закрытия	
			Nm max.	Nm min.
6020.00	850mm	40kg	13	18
6020.00A				
6030.00	950mm	60kg	18	26
6030.00A				
6140.00	1100mm	80kg	26	37
6140.00A				

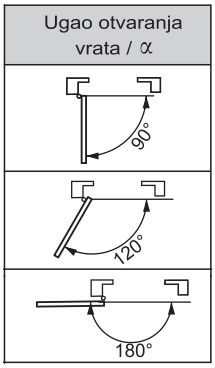
6020.00A 6030.00A 6140.00A	za niske temperature for low temperatures для низких температур

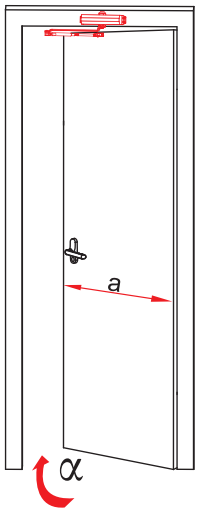
Oznaka zatvarača
Number of door closer
Число доводчиков

X=2	6020.00
X=2A	6020.00A
X=3	6030.00
X=3A	6030.00A
X=4	6140.00
X=4A	6140.00A





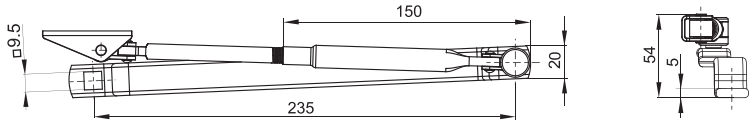




SR / Tehničke informacije:
- Proizvedeno od aluminijumske legure livenjem pod visokim pritiskom.
- Glavni delovi (klip, zupčanik, opruga) od visokokvalitetnog čelika.
- Završna obrada- tečna prevlaka.

EN / Technical information:
- Made of aluminium alloys by die-casting.
- Main parts (piston, gear, spring) made of high quality steel.
- Screws are made out of stainless steel.
- Surface protection-liquid painting.

RU / Техническая информация:
- Изготовлена из сплвов алюминия методом литья под высоким давлением.
- Основные части (порошь, шестерни, пружина)
- Отдельные детали полиамида.
- Винты есть от нержавеющей стали.
- Окончательная обработка- жидкая краска.

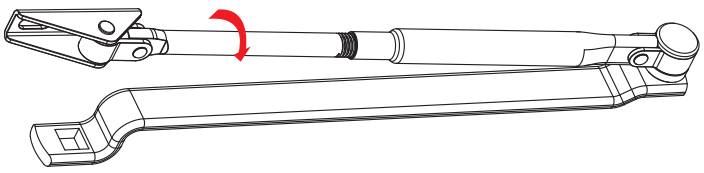


Pažnju!!! Attention!!! Внимание!!!

Proizvođač strogo preporučuje da se korisnici pridržavaju pravila za ugradnju prema datom uputstvu.

The producer strongly recommends that the users follow the directions for the installation according to the enclosed instruction.

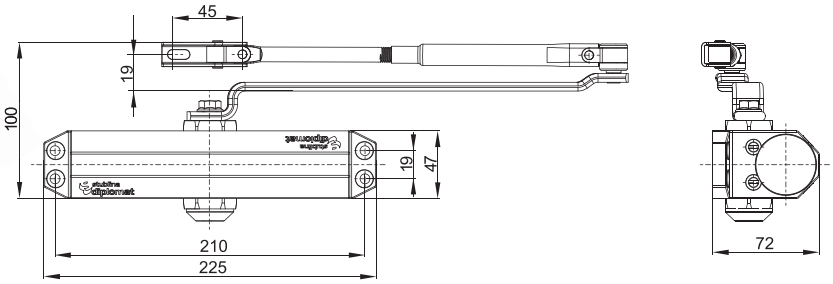
Производитель настоятельно рекомендует придерживаться данной инструкции по монтажу.



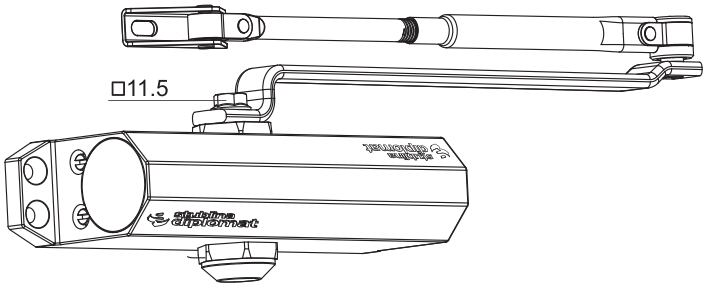
Univerzalni zatvarač vrata

Universal door closer

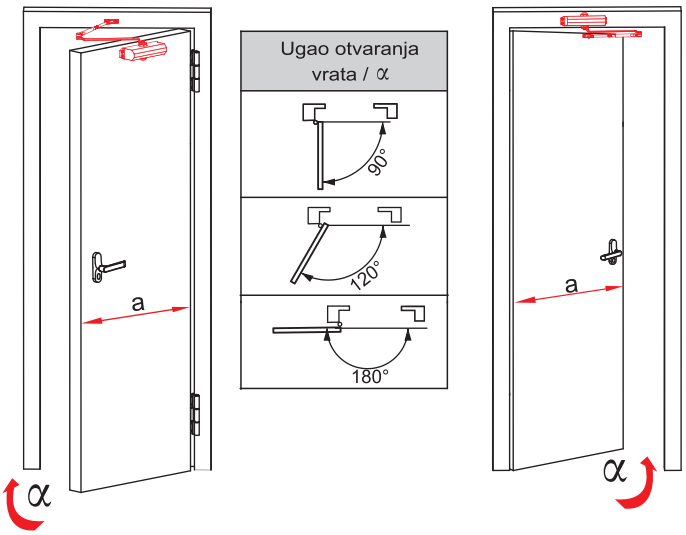
Универсальный дверной доводчик



Artikal	Širina vrata Door width Ширина двери	Masa vrata Door mass Масса двери	Momenat zatvaranja Closing torque (0°- 4°) Момент закрытия	
			Nm max.	Nm min.
6040.00	1100mm	80kg	36	37
6040.00A				
6050.00	1250mm	100kg	37	54
6050.00A				



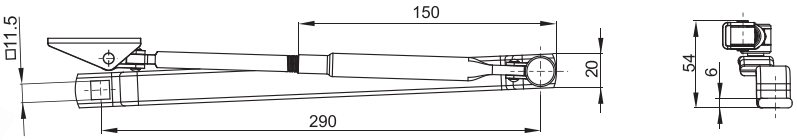
6040.00A 6050.00A	za niske temperature for low temperatures для низких температур



SR / Tehničke informacije:
- Proizvedeno od aluminijumske legure livenjem pod visokim pritiskom.
- Glavni delovi (klip, zupčanik, opruga) od visokokvalitetnog čelika.
- Završna obrada- tečna prevlaka.

EN / Technical information:
- Made of aluminium alloys by die-casting.
- Main parts (piston, gear, spring) made of high quality steel.
- Screws are made out of stainless steel.
- Surface protection-liquid painting.

RU / Техническая информация:
- Изготовлена из сплавов алюминия методом литья под высоким давлением.
- Основные части (порошеь, шестерни, пружина)
- Отдельные детали полиамида.
- Винты есть от нержавеющей стали.
- Окончательная обработка- жидкая краска.

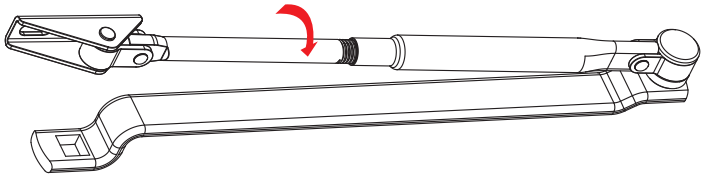


Pažnju!!! Attention!!! Внимание!!!

Proizvođač strogo preporučuje da se korisnici pridržavaju pravila za ugradnju prema datom uputstvu.

The producer strongly recommends that the users follow the directions for the installation according to the enclosed instruction.

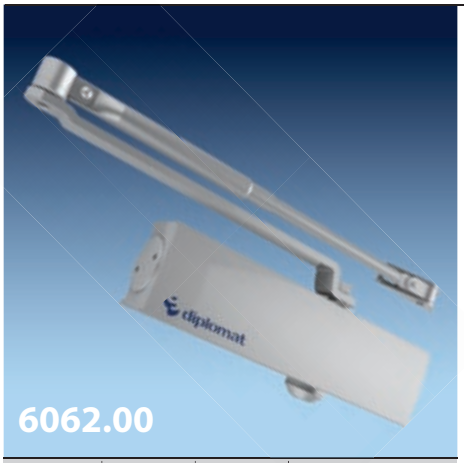
Производитель настоятельно рекомендует придерживаться данной инструкции по монтажу.

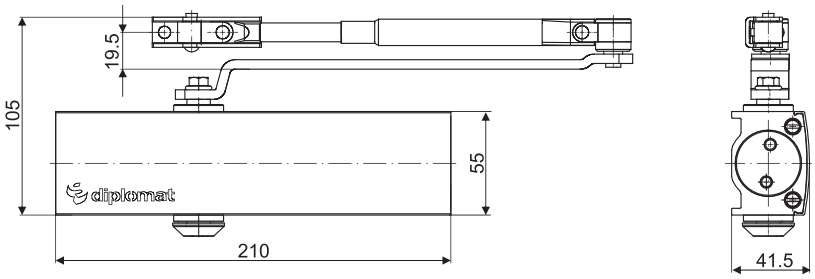


Univerzalni zatvarač vrata

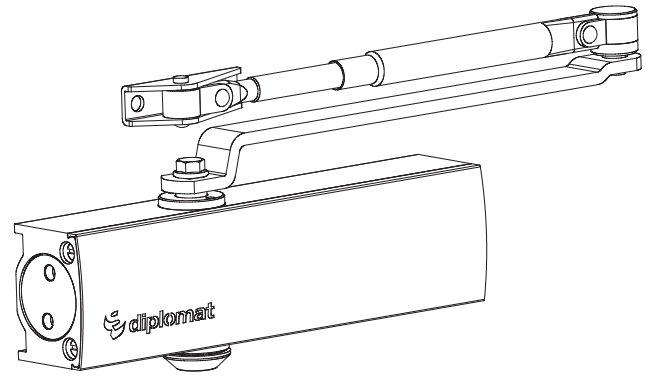
Universal door closer

Универсальный дверной доводчик



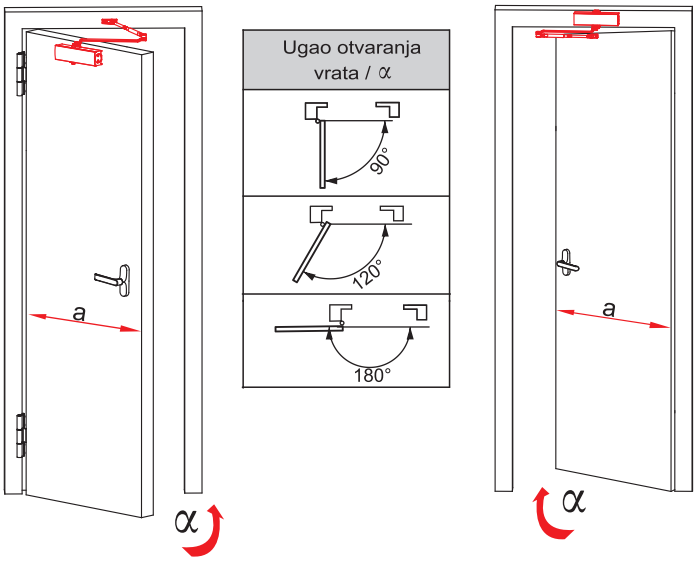


Artikal	Širina vrata Door width Ширина двери	Masa vrata Door mass Масса двери	Momenat zatvaranja Closing torque (0°- 4°) Момент закрытия	
			Nm max.	Nm min.
6062.00	850mm	40kg	13	18
6062.00A				
6063.00	950mm	60kg	18	26
6063.00A				
6064.00	1100mm	80kg	26	37
6064.00A				
6065.00	1250mm	100kg	37	54
6065.00A				



6062.00A
6063.00A
6064.00A
6065.00A

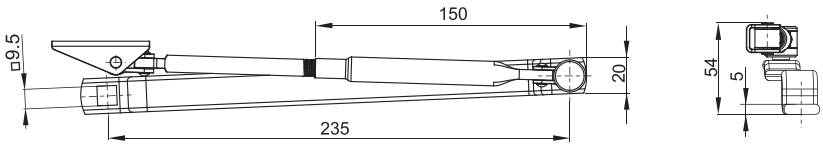
za niske temperature
for low temperatures
для низких температур



SR / Tehničke informacije:
- Telo: aluminijumski profil
- Glavni delovi (klip, zupčanik, opruga) od visokokvalitetnog čelika.
- Završna obrada- tečna prevlaka.

EN / Technical information:
- The body: aluminium profile
- Main parts (piston, gear, spring) made of high quality steel.
- Screws are made out of stainless steel.
- Surface protection-liquid painting.

RU / Техническая информация:
- Корпус: изготовлена из алюминиевого профиля
- Основные части (порошеь, шестерни, пружина)
- Отдельные детали полиамида.
- Винты есть от нержавеющей стали.
- Окончательная обработка- жидкая краска.

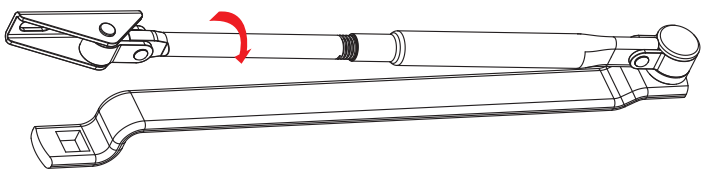


Pažnju!!! Attention!!! Внимание!!!

Proizvođač strogo preporučuje da se korisnici pridržavaju pravila za ugradnju prema datom uputstvu.

The producer strongly recommends that the users follow the directions for the installation according to the enclosed instruction.

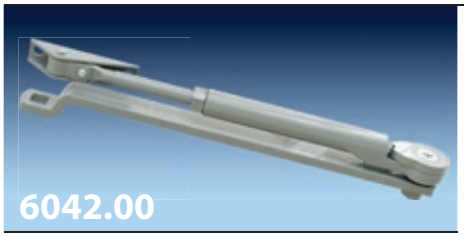
Производитель настоятельно рекомендует придерживаться данной инструкции по монтажу.

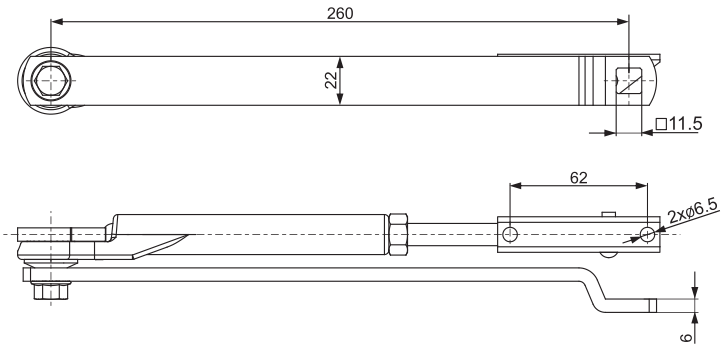


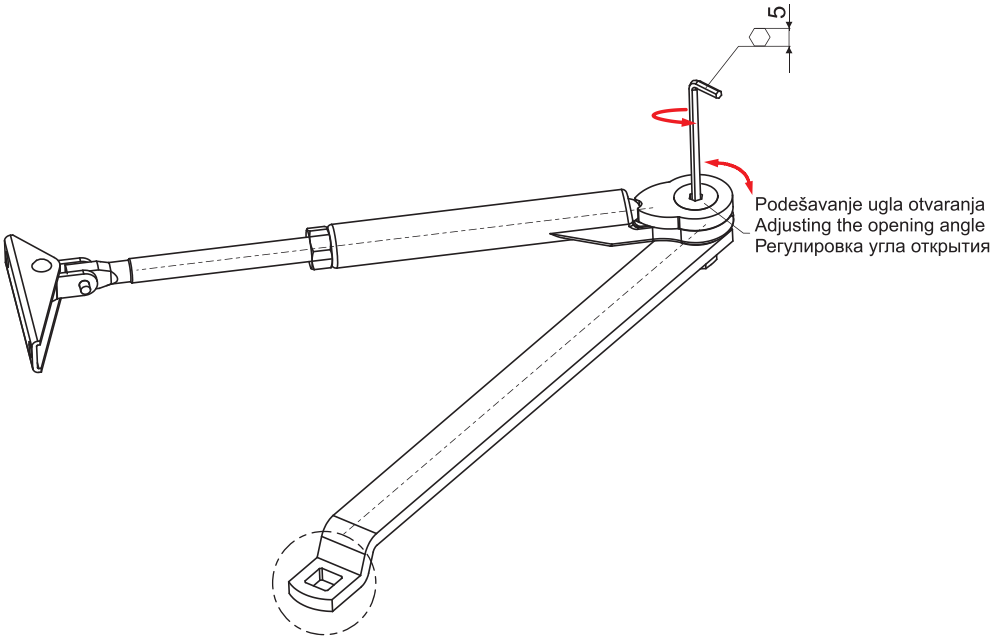
Makaze zatvarača vrata

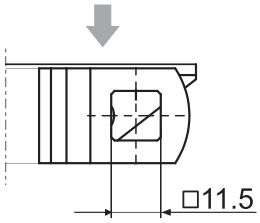
Scissors for door closer

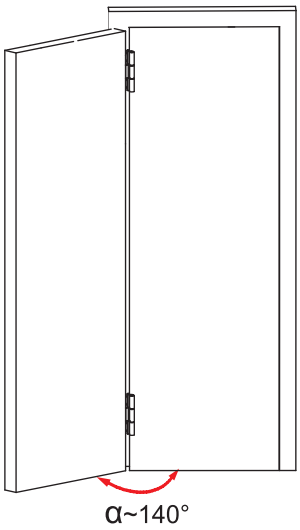
Рычажная тяга для доводчика











Napomena: Vrata je moguće fiksirati na maksimalni ugao od 140°.
Poluga 6042.00 se koristi uz zatvarače 6040.00, 6040.00A, 6050.00, 6050.00A.

Note: Lever 6042.00 is used with door closers 6040.00, 6040.00A, 6050.00, 6050.00A.
The door can be fixed at a maximum angle of 140 °.

Примечание: Рычаг 6042.00 используется с доводчики 6040.00, 6040.00A, 6050.00, 6050.00A.
Дверь можно зафиксировать под максимальным углом 140 °.

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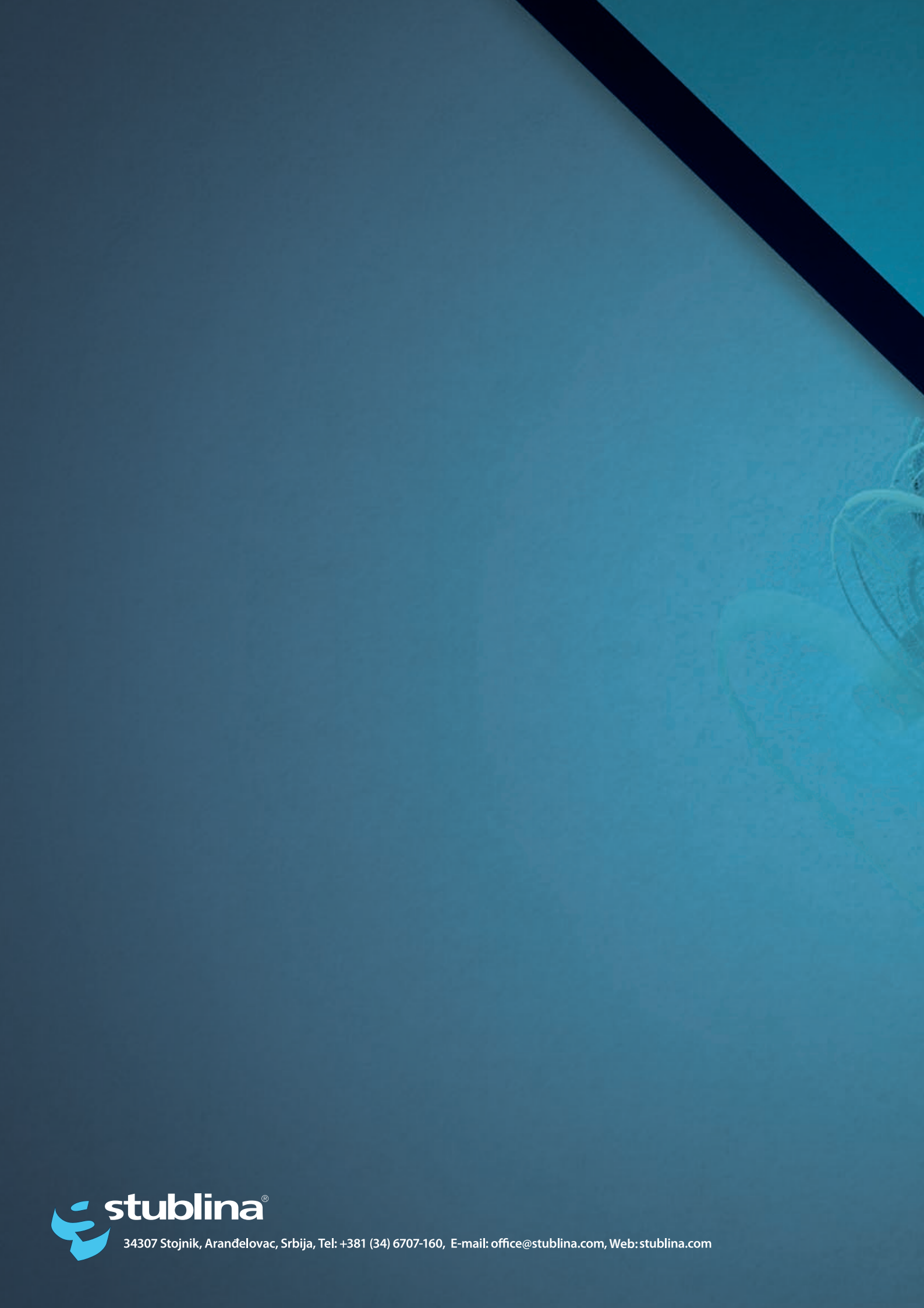

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