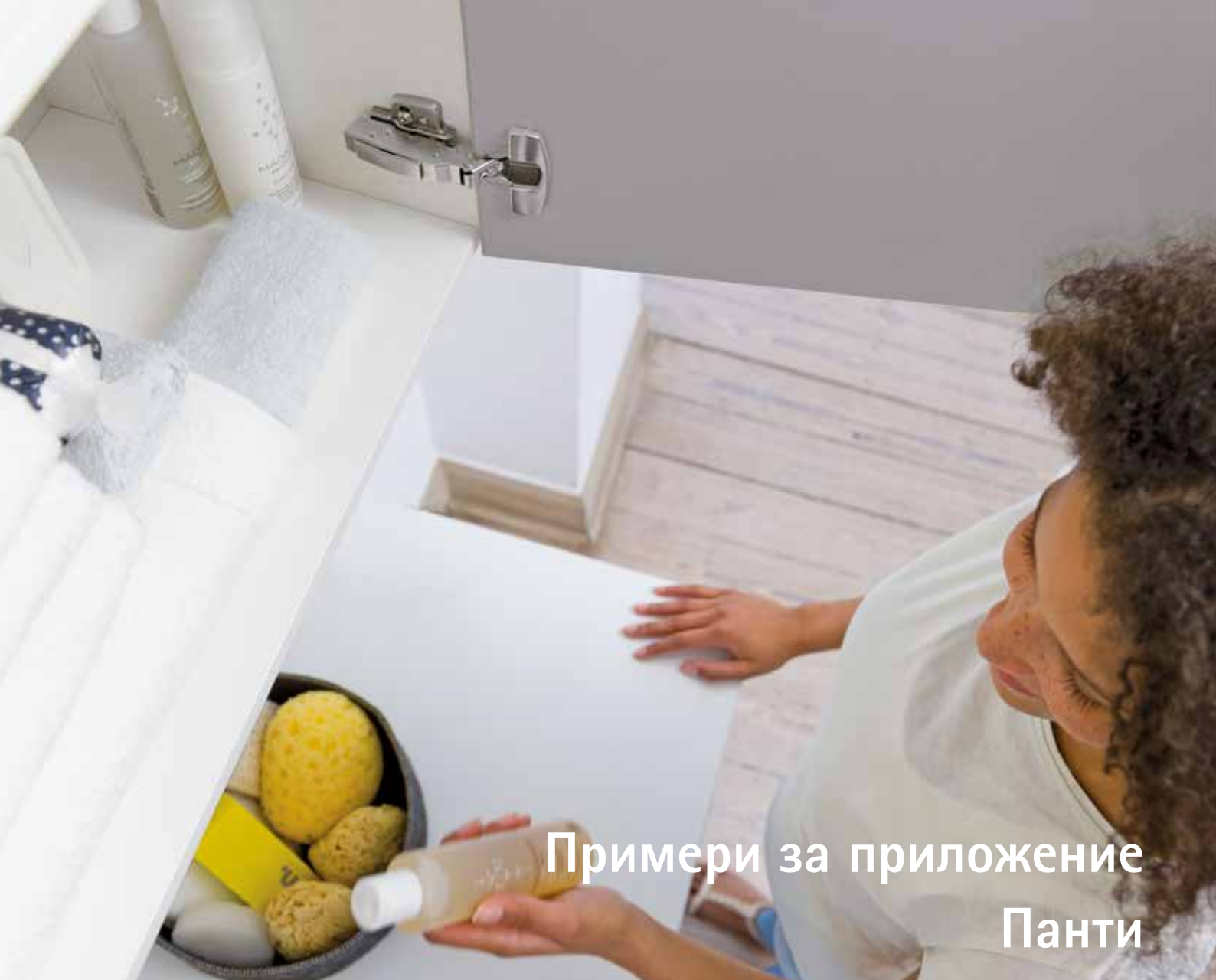
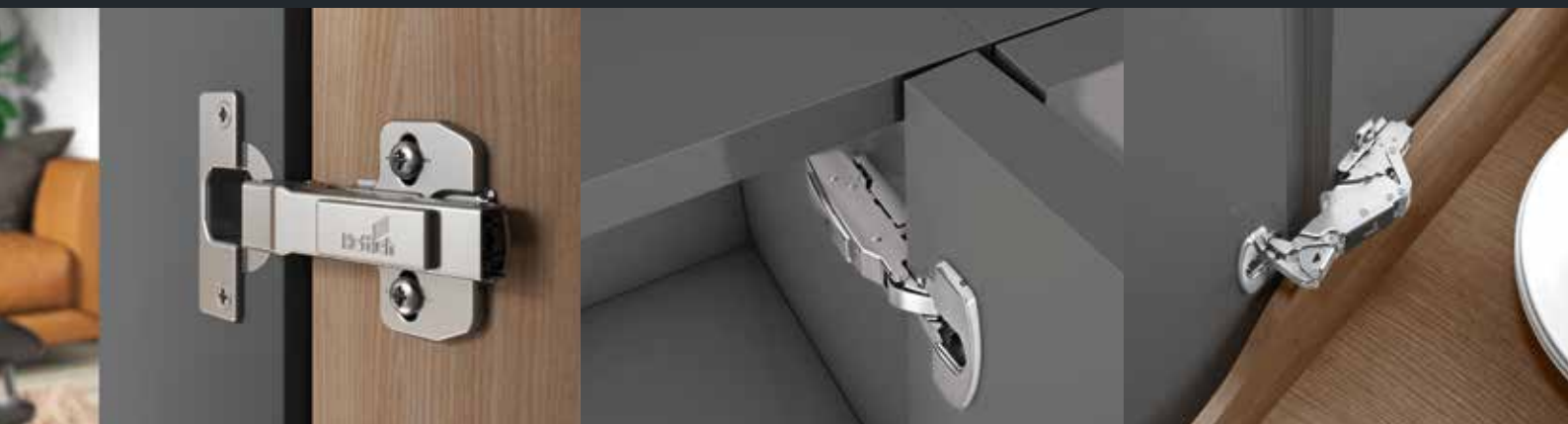




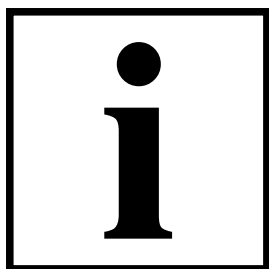
Примери за приложение
Панти




Hettich

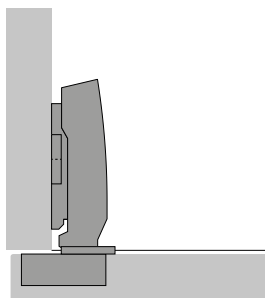
Примери за приложение

- ▶ Панти
- ▶ Съдържание



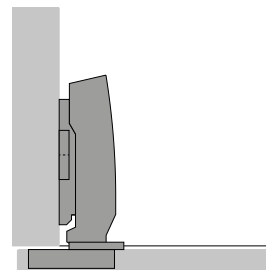
Разяснения

4 - 7



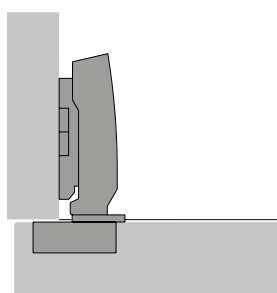
Стандартни приложения

8



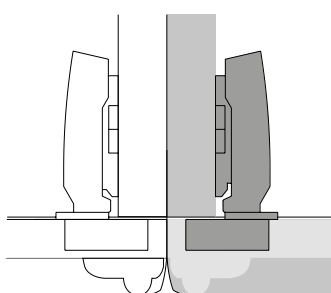
Приложения с тънки врати

9



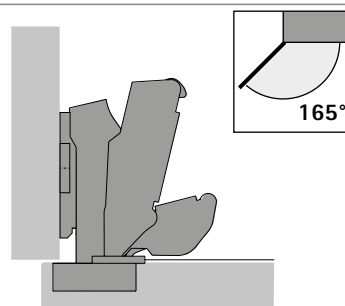
Приложения с дебели врати

10



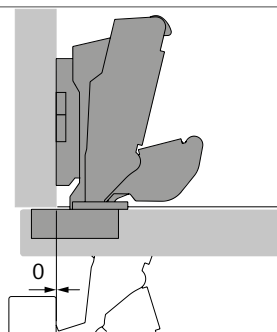
Минимална фуга

11



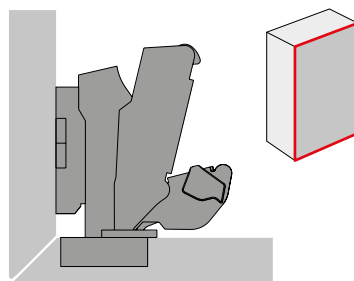
Приложения с голям ъгъл на отваряне до 165°

12



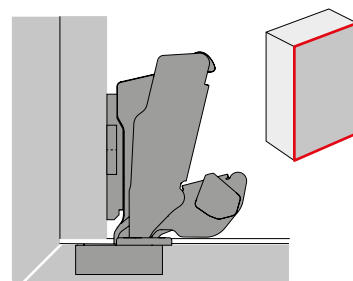
Приложения с нулево надстърчане (Чекмеджета зад врати с панти)

13



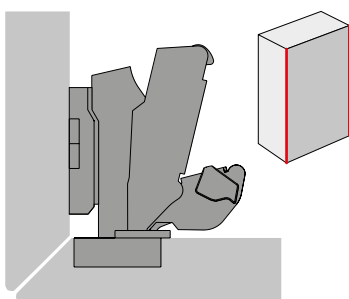
Приложения с герунг по всички кантове

14



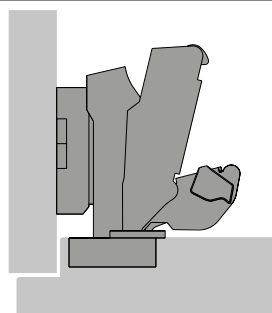
Герунг по всички кантове с упор

15



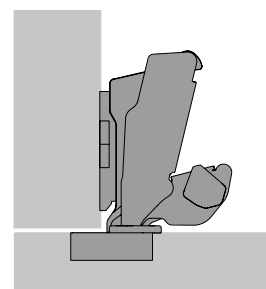
Приложения със страничен герунг

16



Врати с фалц

17

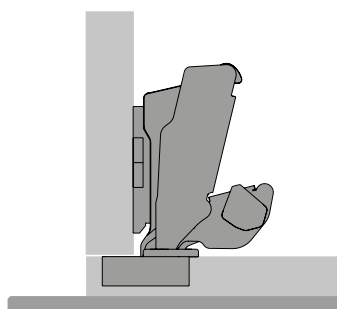


Приложения с голямо припокриване

18

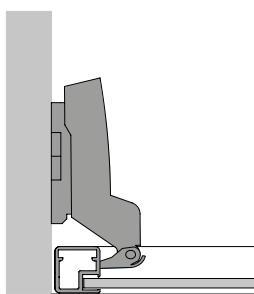
Примери за приложение

- ▶ Панти
- ▶ Съдържание



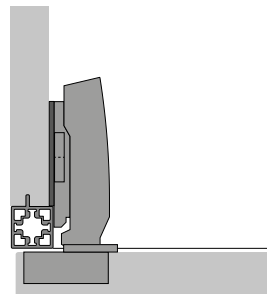
Приложения с надстърчащ фронт

19



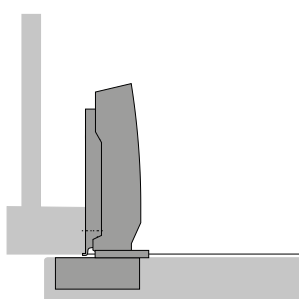
Приложения с врати с алуминиева рамка

20 - 21



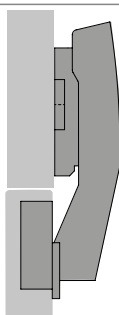
Приложения със система рамки Cadro

22



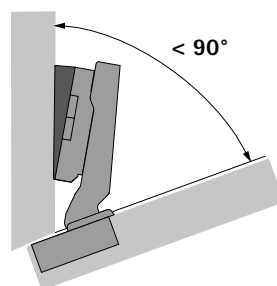
Приложения с вътрешна бленда /
Приложения с челна рамка

24



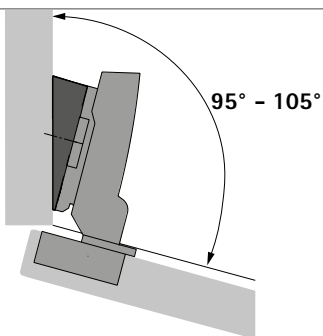
Приложения за ъглови шкафове

25



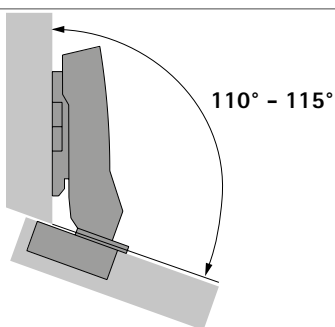
Приложения с ъгъл на корпуса $< 90^\circ$

26 - 27



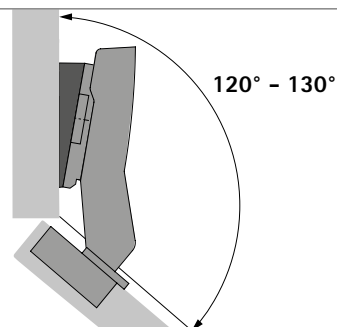
Приложения с ъгъл на корпуса
 $95^\circ - 105^\circ$

28 - 29



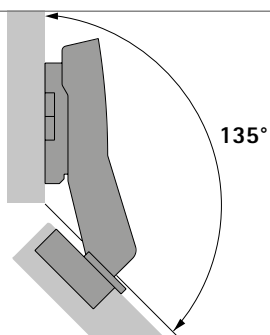
Приложения с ъгъл на корпуса
 $110^\circ - 115^\circ$

30



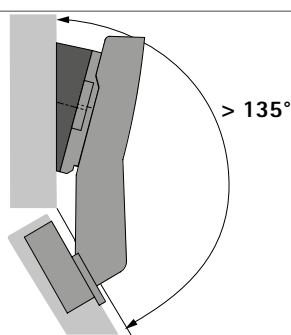
Приложения с ъгъл на корпуса
 $120^\circ - 130^\circ$

32 - 33



Приложения с ъгъл на корпуса 135°

34



Приложения с ъгъл на корпуса $> 135^\circ$

35

Примери за приложение

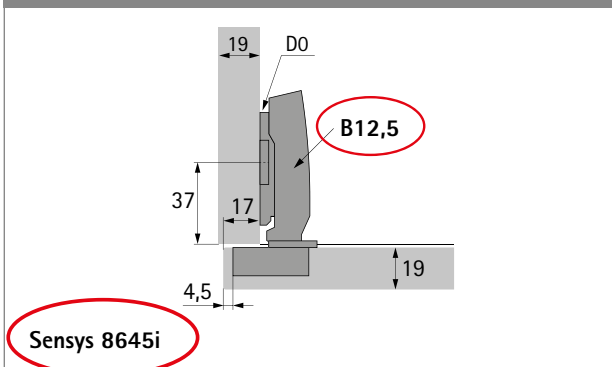
- Панти
- Разяснения

Панта

Необходимата панта от съответния вид и база В е посочена на отделните чертежи. Могат да се използват както панти с интегриран демпфер, така също и панти без интегриран демпфер или без автоматика на затварянето.

Добре е да се знае: По отношение на припокриването и необходимата дистанция на монтажната пластина, всички панти с една и съща база са взаимозаменяеми 1:1 помежду си.

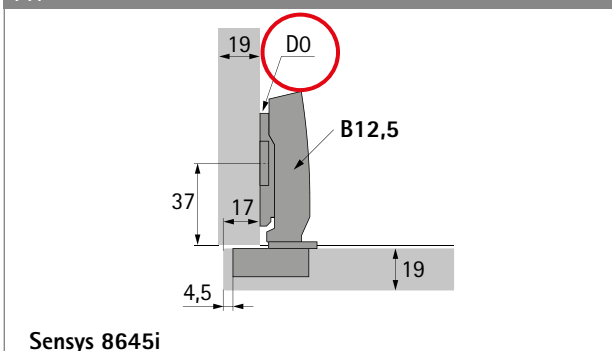
A1



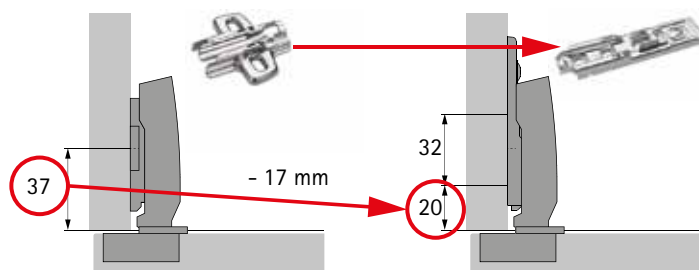
Монтажна пластина

Необходимата дистанция на монтажната пластина е посочена в чертежа. Дистанции на монтажната пластина по-високи от 8 мм могат да се осъществят с присъединителната пластина в комбинация с успоредна подложка.

A1



Доколкото не е упоменато друго, позицията за закрепване се отнася за използване на кръстата монтажна пластина за отстояние на редовите отвори (LR) 37 мм; а при използване на линейна монтажна пластина позицията трябва съответно да се напасне.



Ако е необходима различна монтажна пластина, то това е обозначено с пиктограма на чертежа.

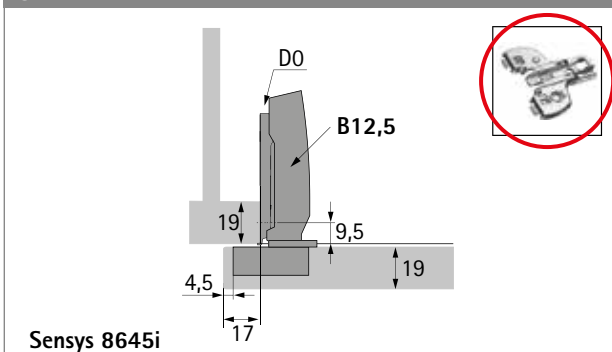


Линейна монтажна пластина



Монтажна пластина за челна рамка

G1



Примери за приложение

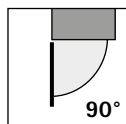
- Панти
- Разяснения

Акcesoари

Ако са необходими допълнителни акcesoари, то това е обозначено с пиктограма на съответния чертеж.



Адаптор за намаляване дълбочината на пробиване с обозначаване на дебелината



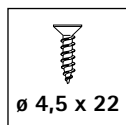
Ограничители на ъгъла на отваряне с обозначаване на нужния ъгъл



Адаптор за врати открит кант с челна рамка



Ъглов адаптор с обозначаване на искания / ите ъгъл / ъгли



Закрепващи винтове, обозначаване на диаметъра и дължината

Указания за вида на пантата

Видът на пантата е посочен в чертежите, за да се определи необходимата панта.

При това е посочено, ако има такава панта, само наименованието на вида панта с интегриран демпфер.

Видовете панти без интегриран демпфер или без автоматика на затварянето също могат да се използват.

В следващата таблица са изброени използваните видове панти, както и общите обозначения, използвани в каталога.

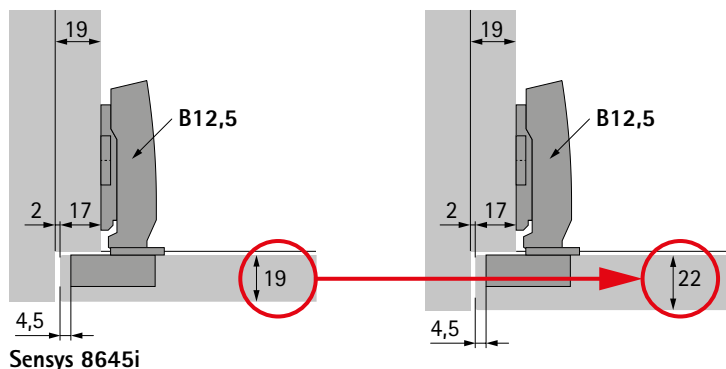
Вид панта	Наименование в каталога
8645i	Панта Sensys 110°
8848i	Панта Sensys 110°
8832i	Панта Novisys 95°
8631i	Панта за дебели врати Sensys
8646i	Панта за тънки врати Sensys
8657i	Панта с голям ъгъл на отваряне Sensys
8639i W20	Ъглова панта Sensys W20
8639i W30	Ъглова панта Sensys W30
8639i W45	Ъглова панта Sensys W45
8639i W90	Ъглова панта Sensys W90
8638i	Sensys панта за алуминиеви рамки
8631i Alu	Sensys панта за алуминиеви рамки за дебели врати
9944 W-30	Ъглова панта Interpat W-30
9944 W-45	Ъглова панта Interpat W-45

Примери за приложение

- Панти
- Разяснения

Промяна на примерите за приложение: По-дебела врата

Колкото е по-дебела вратата, толкова по-голяма е задължителната минимална fuga. Когато детайли откъм страната на пантите граничат с вратата, трябва да се предвиди свободно пространство най-малко равно на минималната fuga.



Минимална fuga на врата

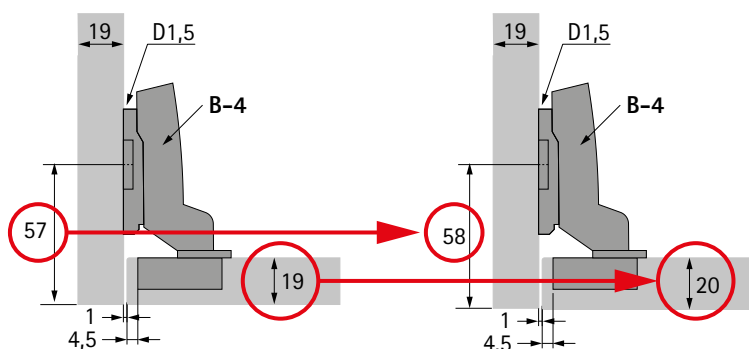
Дебелина на вратата мм	Дебелина на вратата					
	3,0	4,0	4,5	5,0	6,0	7,0
15	0,2	0,2	0,2	0,2	0,2	0,2
16	0,3	0,3	0,3	0,3	0,3	0,3
17	0,4	0,4	0,4	0,4	0,4	0,4
18	0,6	0,6	0,6	0,6	0,6	0,5
19	0,8	0,8	0,8	0,8	0,7	0,7
20	1,1	1,0	1,0	1,0	1,0	0,9
21	1,4	1,3	1,3	1,3	1,2	1,2
22	2,2	2,0	1,7	1,6	1,6	1,5
23	3,0	2,6	2,4	2,2	2,0	1,9
24	3,9	3,4	3,2	3,0	2,6	2,4

Ако искаме да поставим по-дебела врата, то трябва да се провери задължителната минимална fuga съгласно таблицата с минималните fugи на страницата на каталога за съответната панта.

В примера, показан по-горе, по-дебелата врата може да се постави без проблем, тъй като задължителната минимална fuga от 1,7 мм е по-малка от желаната fuga от 2 мм.

Ако случаят не е такъв, а желаната fuga е по-малка от задължителната минимална fuga, препоръчваме използването на друга панта с по-малка минимална fuga, напр. Sensys панта за дебели врати 8631i.

Освен това при врати открит кант позицията на монтажната пластина трябва да се измести навътре.



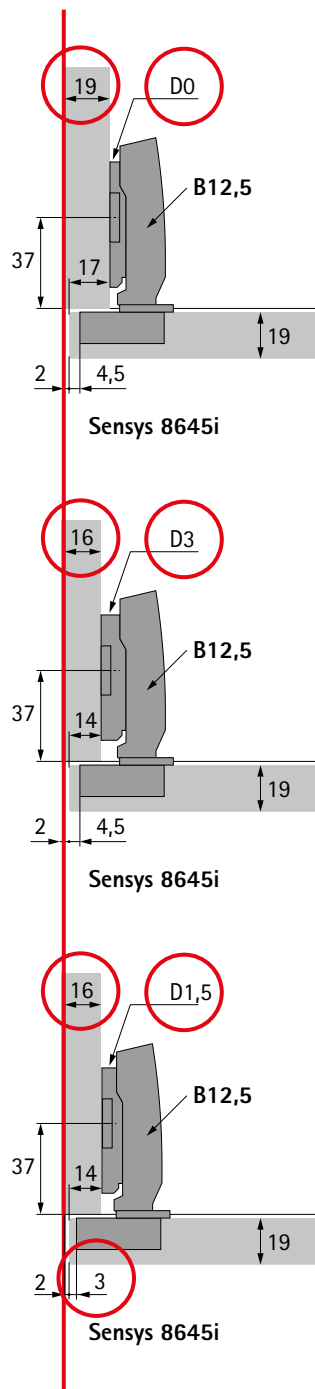
Sensys 8645i

Примери за приложение

- Панти
- Разяснения

Промяна на примерите за приложение: По-тънка корпусна страница

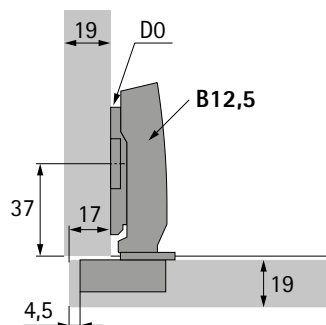
По-тънка корпусна страница при врати покрит и полупокрит кант може да се изравни най-лесно с избор на съответната монтажна пластина с по-висока дистанция. Алтернативно може да се намали отстоянието от главата С или да се осъществи комбинация от двете действия. (Внимание: Да се провери минималната фуга при намаляване на отстоянието от главата С)



Примери за приложение

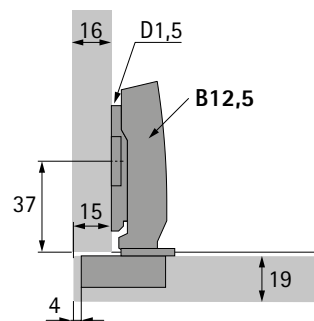
- ▶ Панти
- ▶ Стандартни приложения

A1



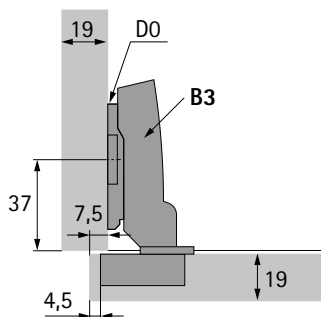
Sensys 8645i / Novisys 8848i / Novisys 8832i

A2



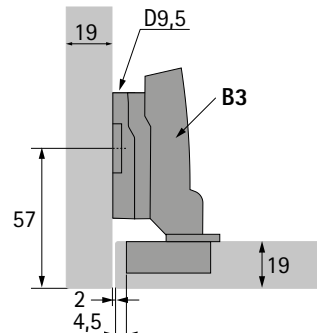
Sensys 8645i / Novisys 8848i / Novisys 8832i

A3



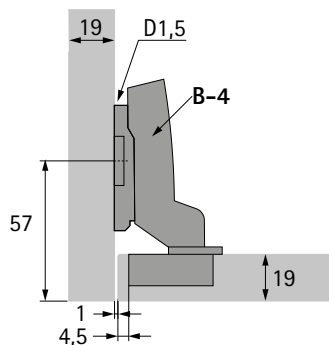
Sensys 8645i / Novisys 8848i / Novisys 8832i

A4



Sensys 8645i / Novisys 8848i / Novisys 8832i

A5

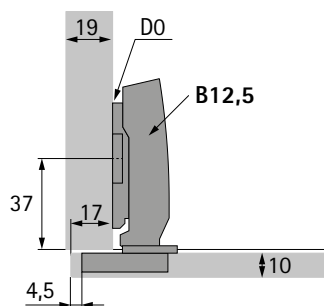


Sensys 8645i / Novisys 8848i / Novisys 8832i

Примери за приложение

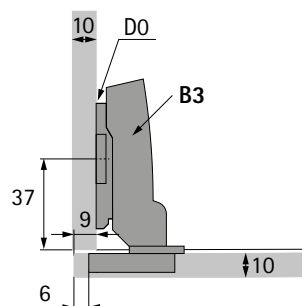
- ▶ Панти
- ▶ Приложения с тънки врати

D1



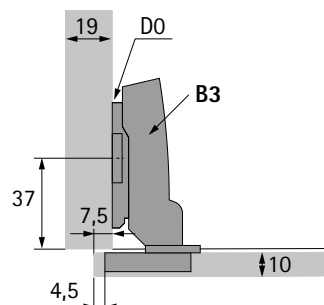
Sensys 8646i

D2



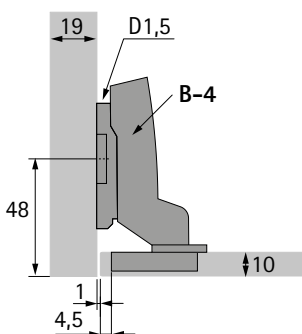
Sensys 8646i

D3



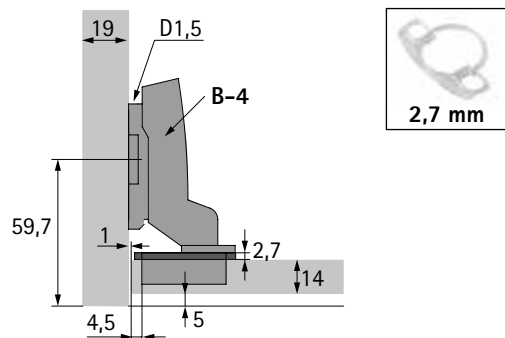
Sensys 8646i

D4



Sensys 8646i

D5

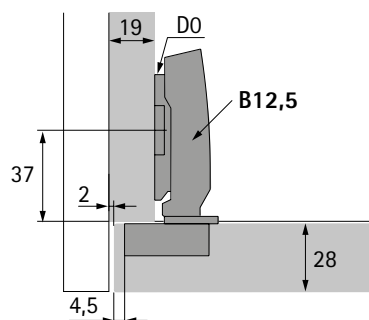


Sensys 8645i

Примери за приложение

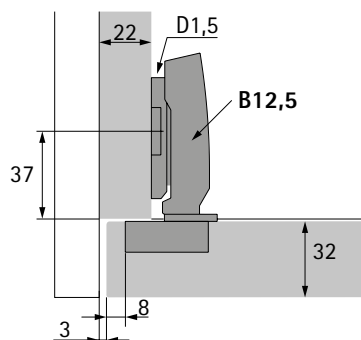
- ▶ Панти
- ▶ Приложения с дебели врати

B1



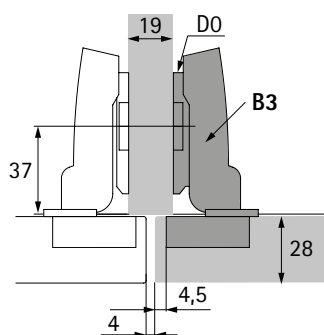
Sensys 8631i

B2



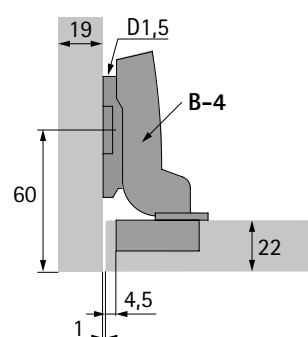
Sensys 8631i

B3



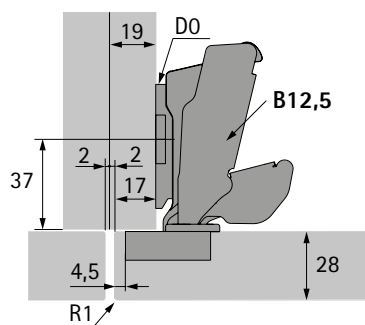
Sensys 8631i

B4



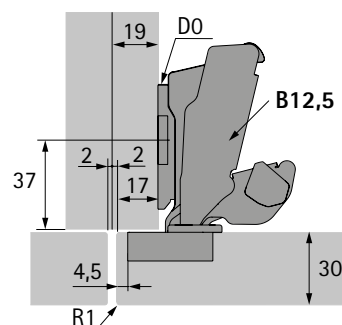
Sensys 8631i

B5



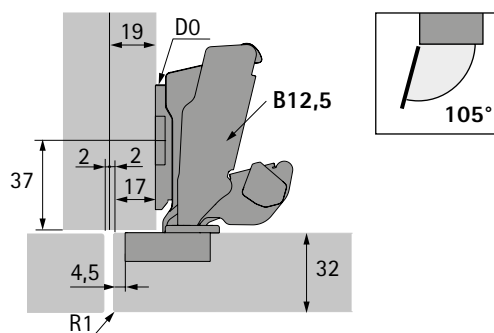
Sensys 8657i

B6



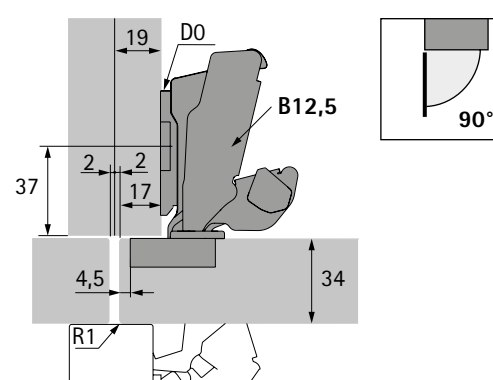
Sensys 8657i

B7



Sensys 8657i

B8

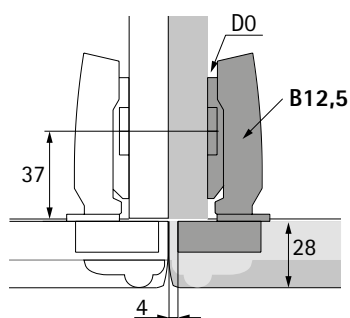


Sensys 8657i

Примери за приложение

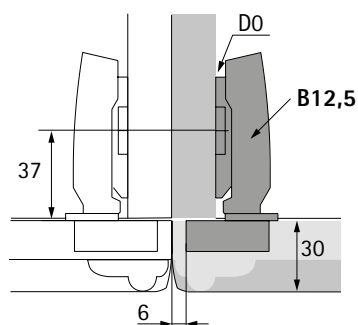
- ▶ Панти
- ▶ Минимална фуга

C1



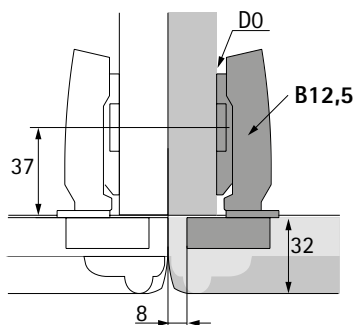
Sensys 8631i

C2



Sensys 8631i

C3

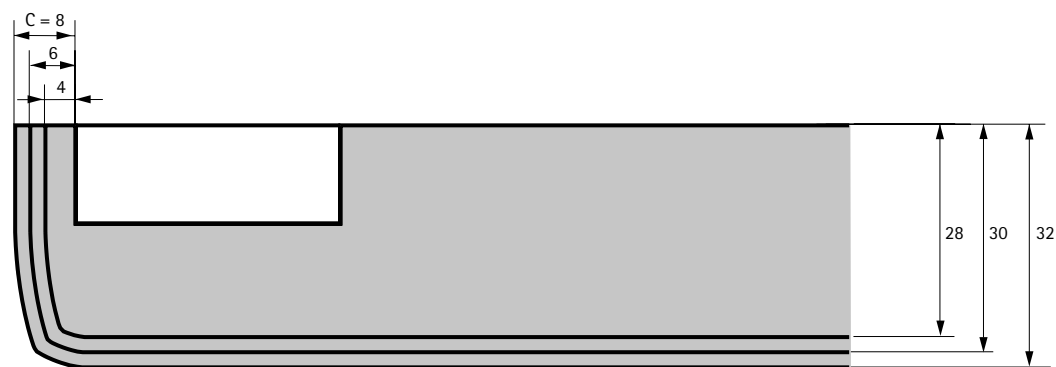


Sensys 8631i

Контури на вратата при минимална фуга – мащаб 1:1

Зададените стойности в таблицата с минималните фуги се отнасят за радиус на канта 1 мм. Стойностите на фугите намаляват, ако кантът на вратата се обработи с по-голям радиус.

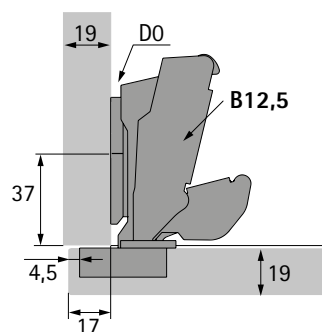
За да се постигне минимална фуга, желаният контур на вратата трябва да е в границите на очертания шаблон. Всички контури, които излизат извън шаблона, увеличават съответно стойността на фугата.



Примери за приложение

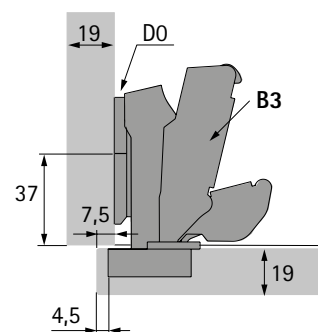
- ▶ Панти
- ▶ Приложения с голям ъгъл на отваряне до 165°

E1



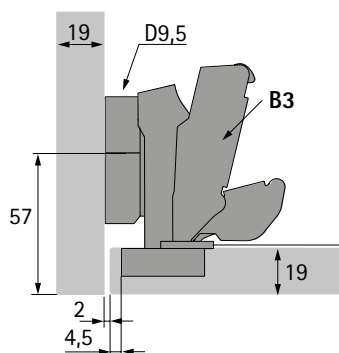
Sensys 8657i

E2



Sensys 8657i

E3

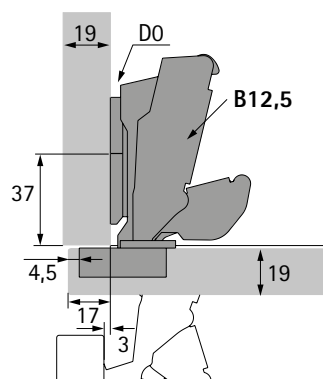


Sensys 8657i

Примери за приложение

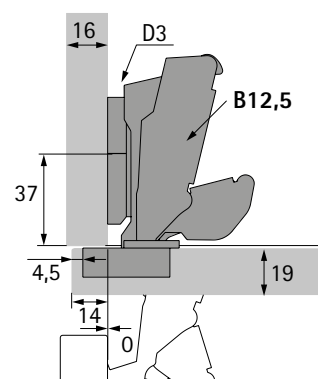
- ▶ Панти
- ▶ Приложения с нулево надстърчане (Чекмеджета зад врата с панти)

F1



Sensys 8657i

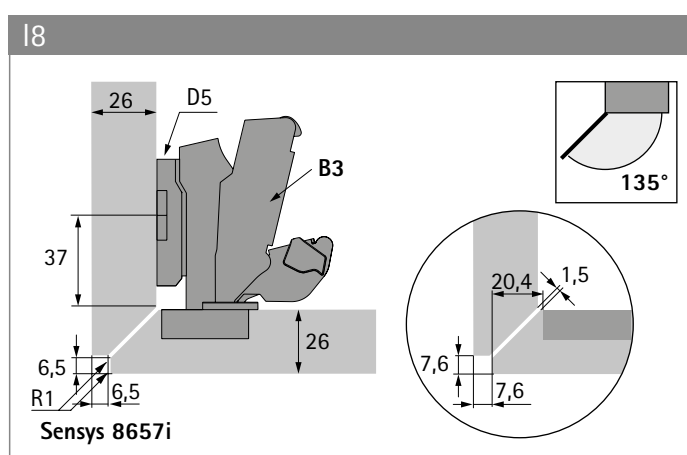
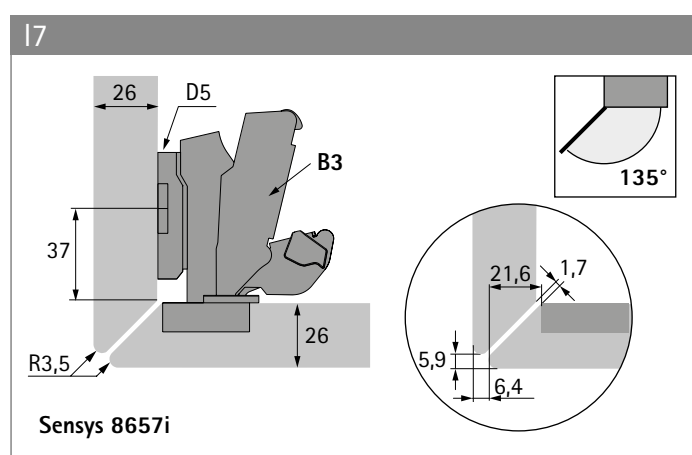
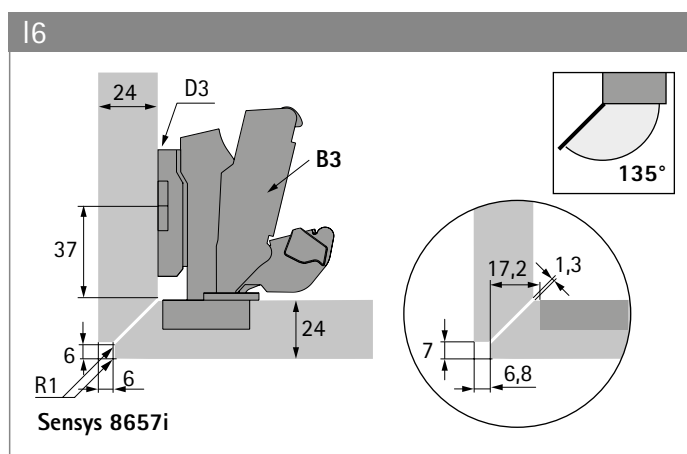
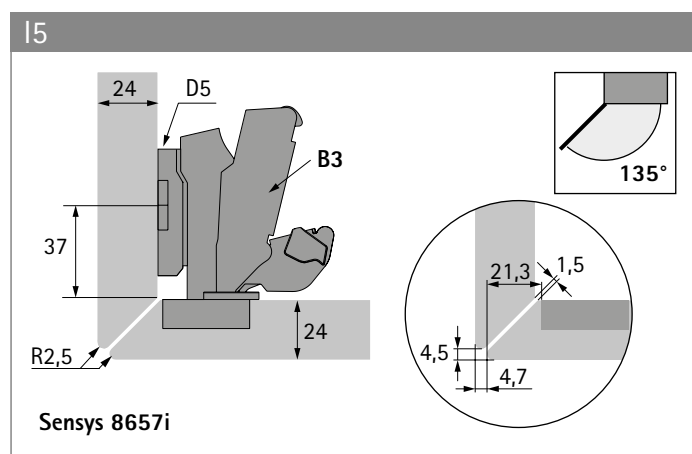
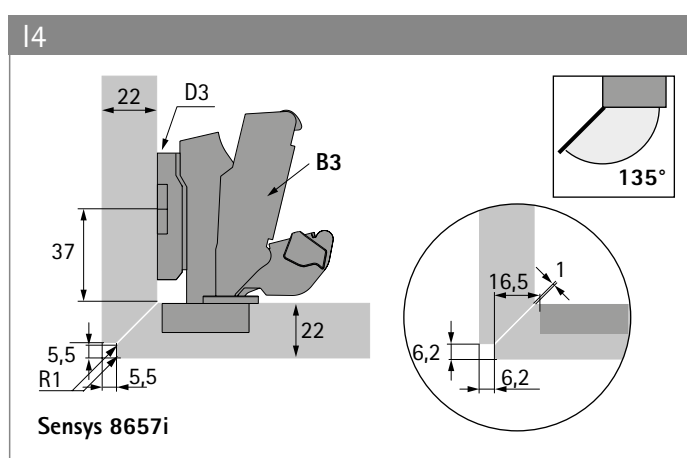
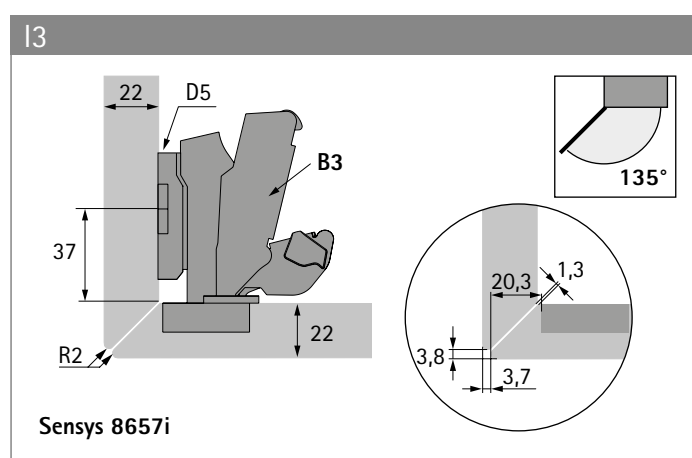
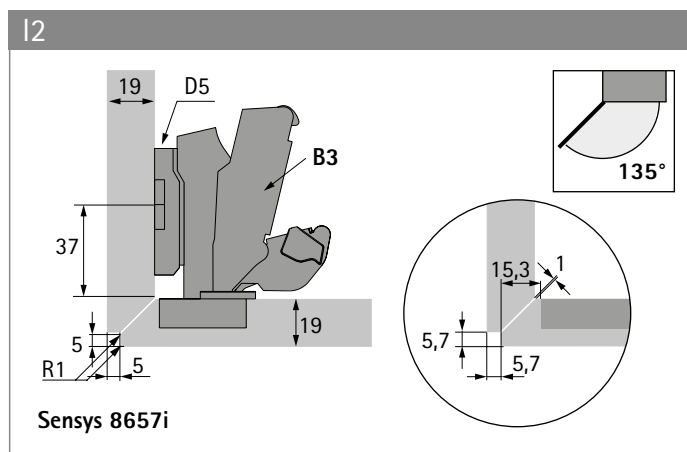
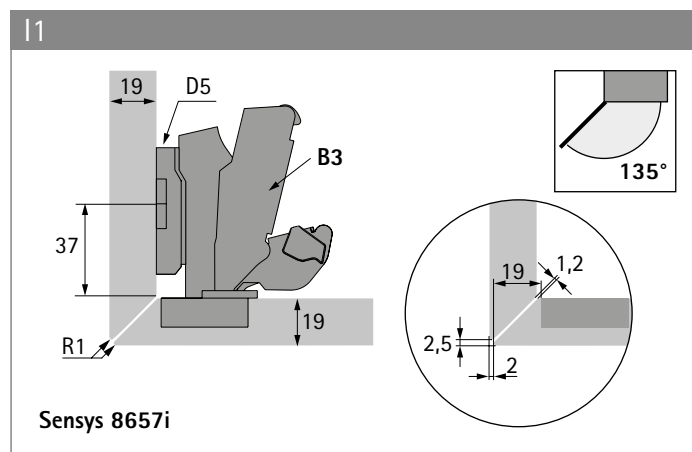
F2



Sensys 8657i

Примери за приложение

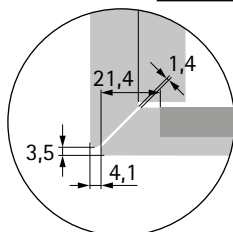
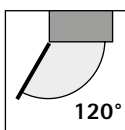
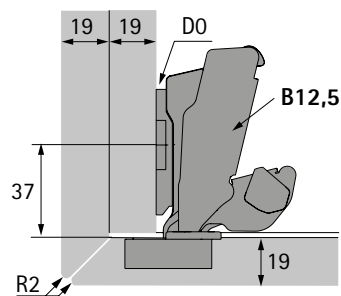
- ▶ Панти
- ▶ Приложения с герунг по всички кантове



Примери за приложение

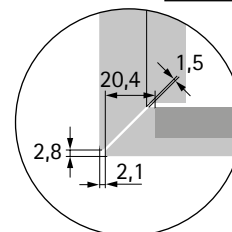
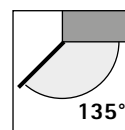
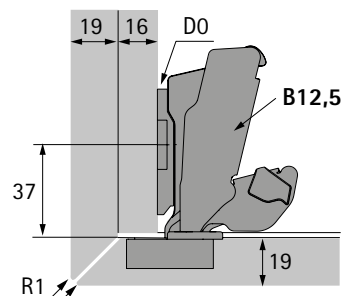
- ▶ Панти
- ▶ Герунг по всички кантове с упор

J1



Sensys 8657i

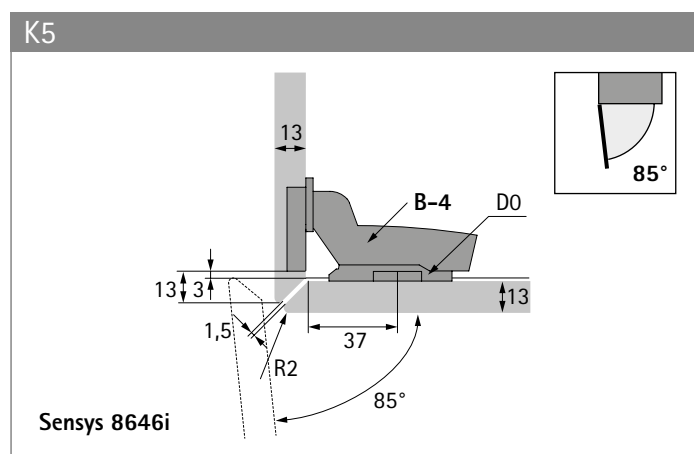
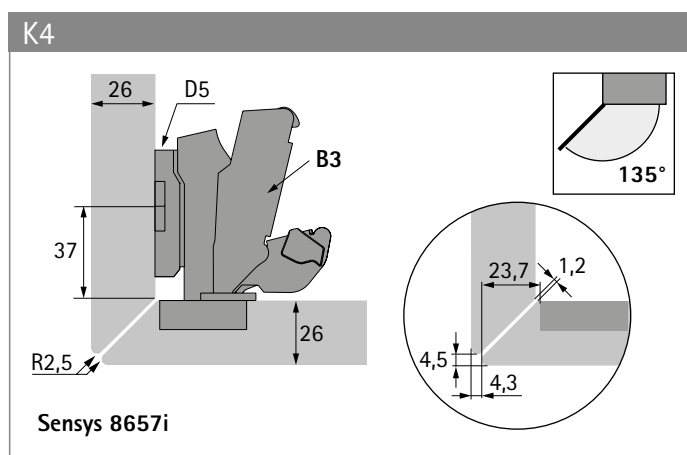
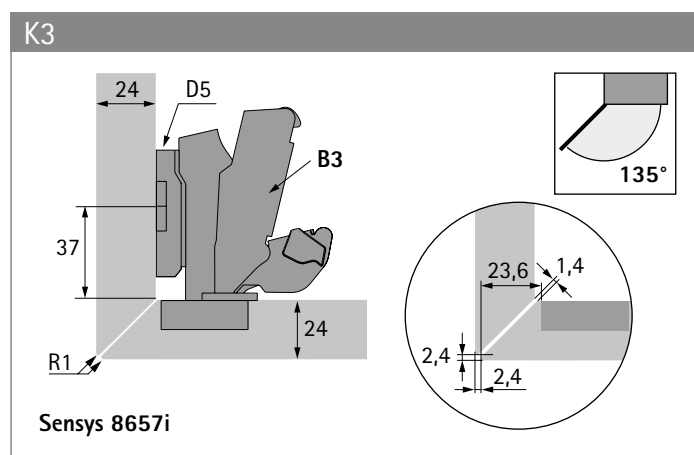
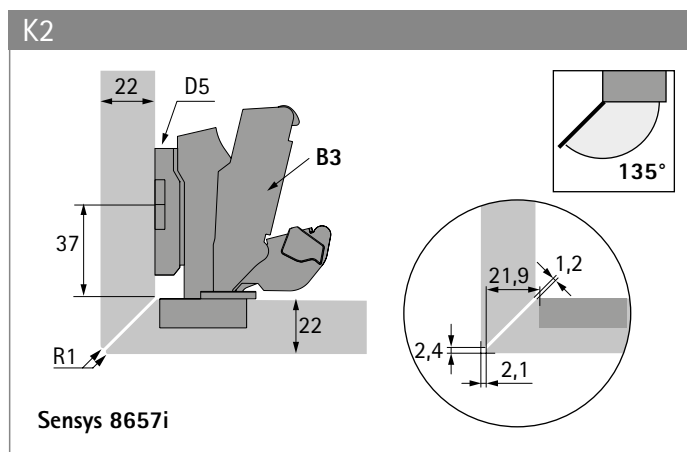
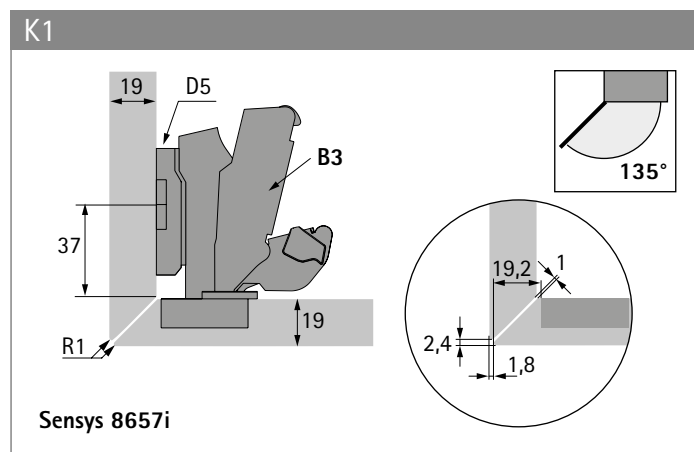
J2



Sensys 8657i

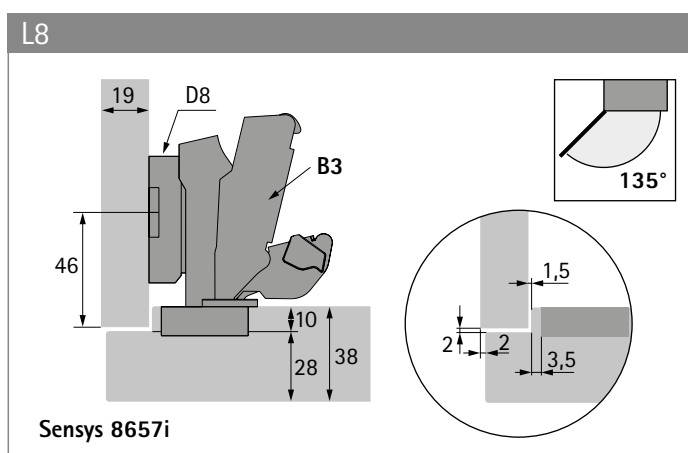
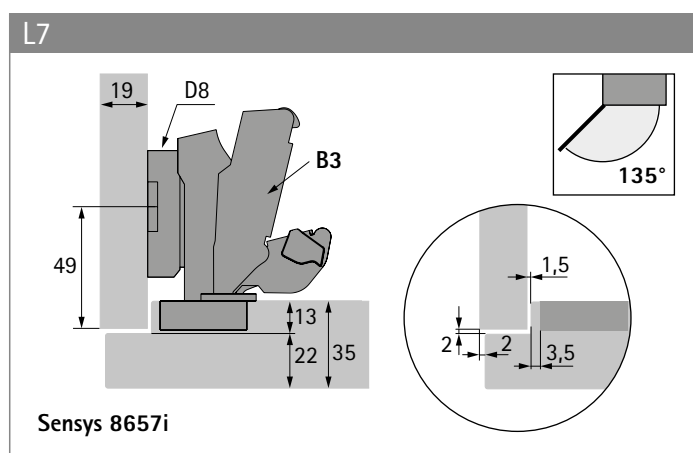
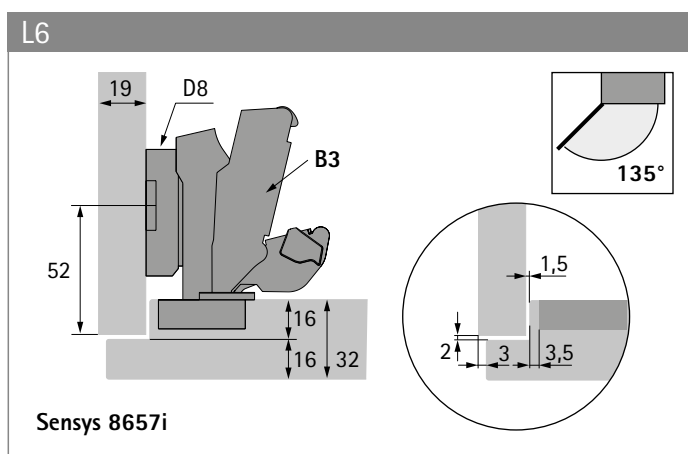
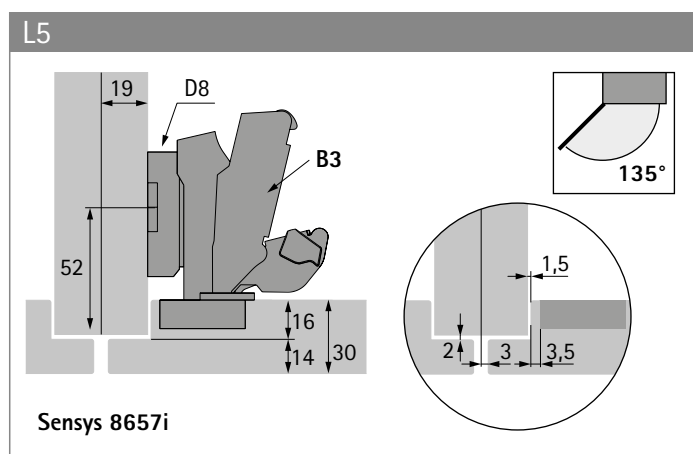
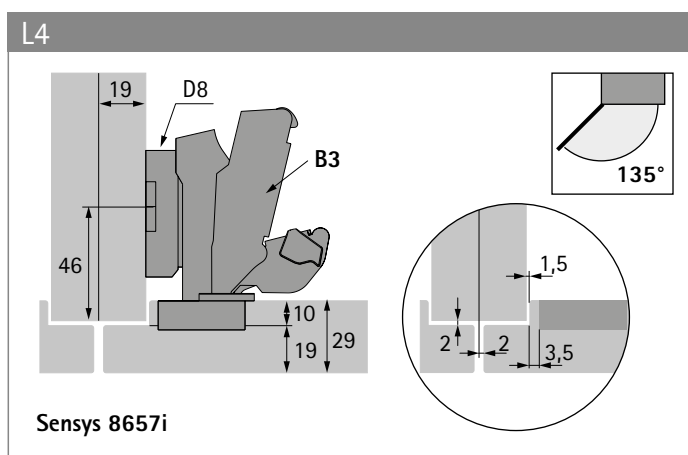
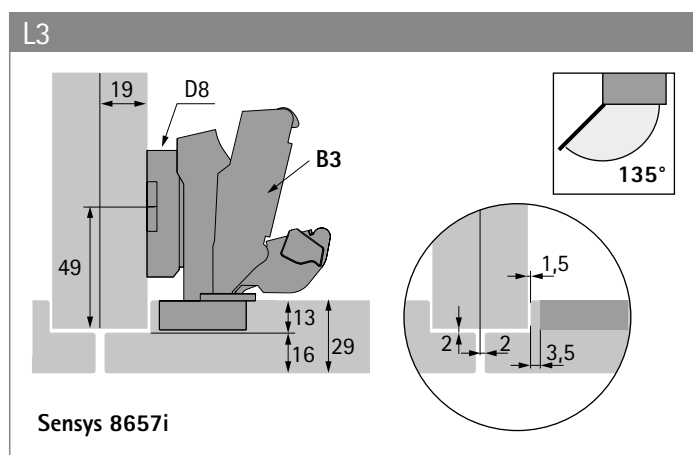
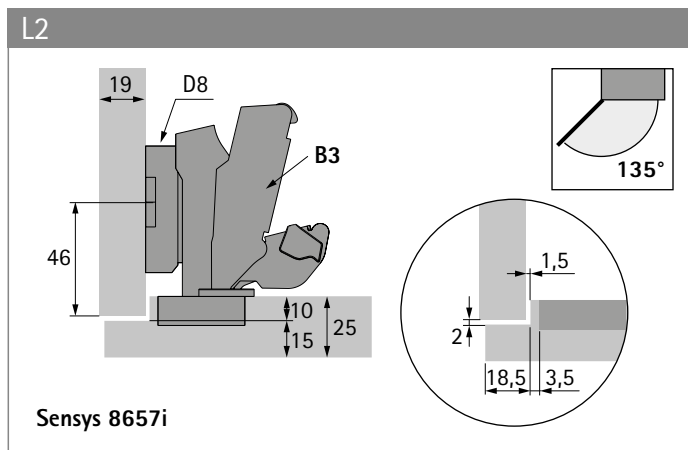
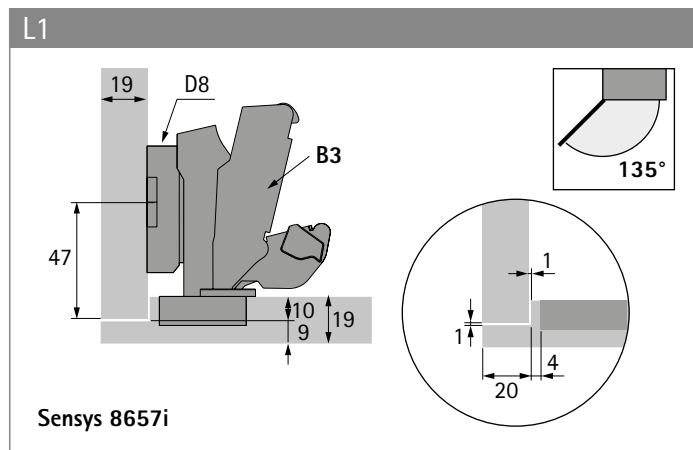
Примери за приложение

- Панти
- Приложения със страничен герунг



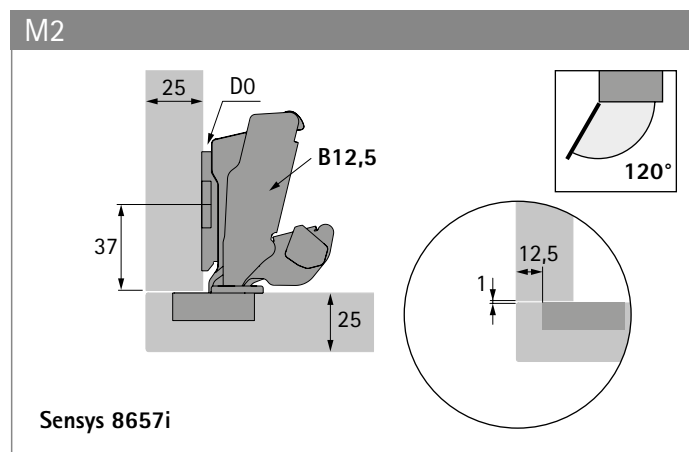
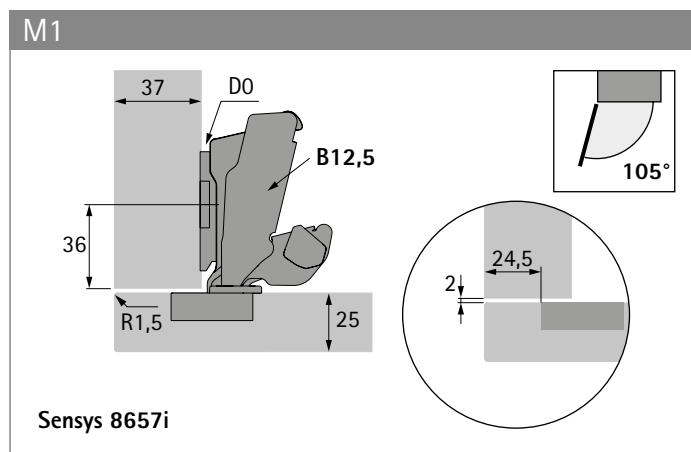
Примери за приложение

- Панти
- Врати с фалц



Примери за приложение

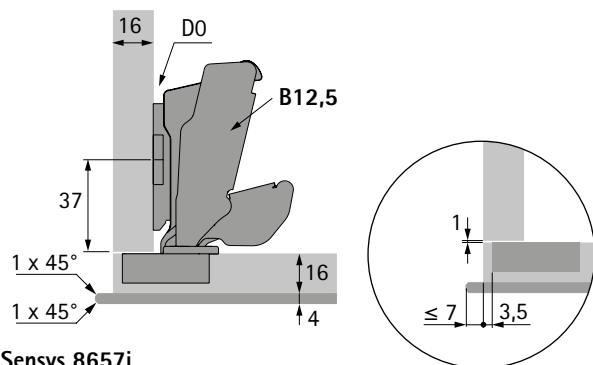
- ▶ Панти
- ▶ Приложения с голямо припокриване



Примери за приложение

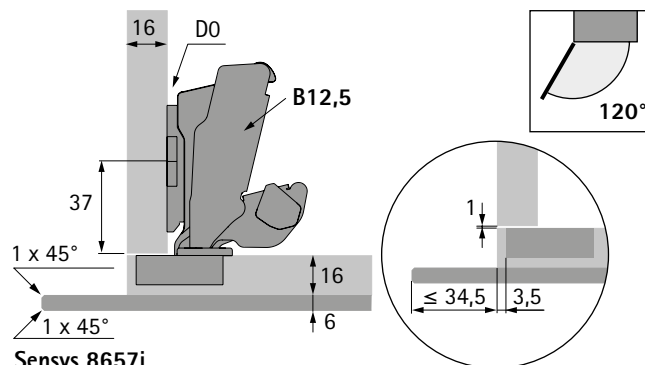
- ▶ Панти
- ▶ Приложения с надстърчащ фронт

N1



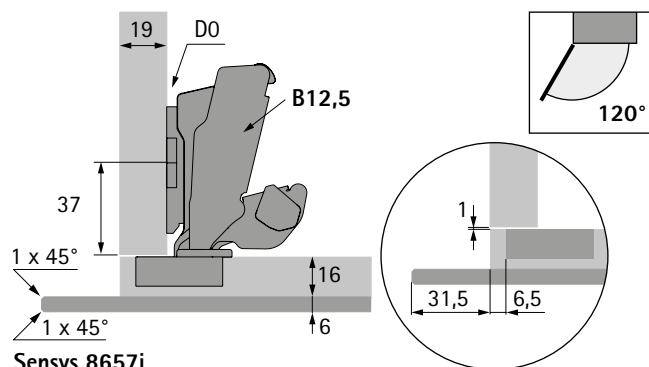
Sensys 8657i

N2



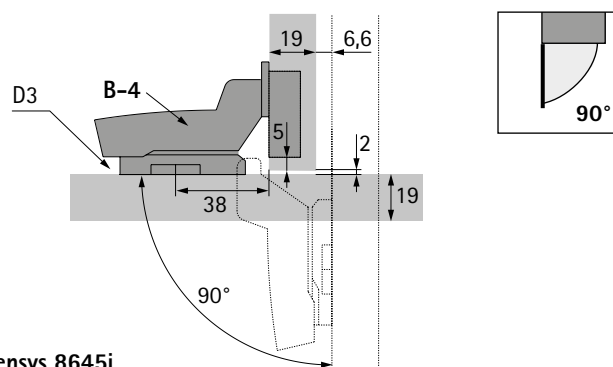
Sensys 8657i

N3



Sensys 8657i

N4

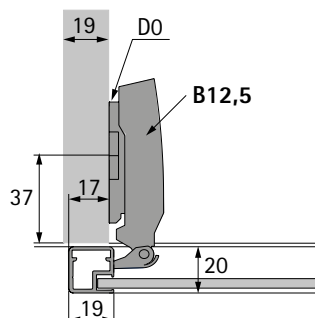


Sensys 8645i

Примери за приложение

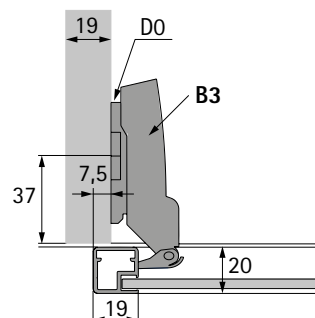
- ▶ Панти
- ▶ Приложения с врати с алуминиева рамка

H1



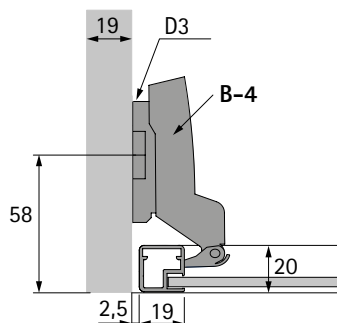
Sensys 8638i

H2



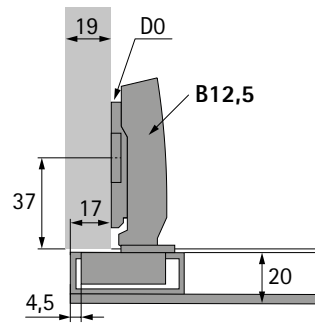
Sensys 8638i

H3



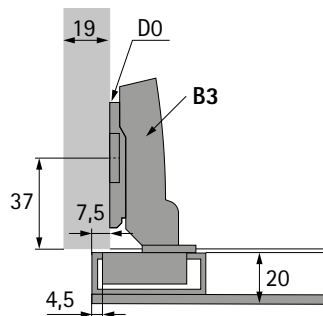
Sensys 8638i

H4



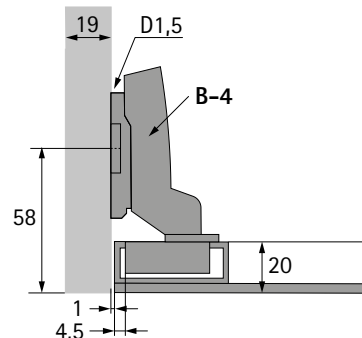
Sensys 8645i / Novisys 8848i / Novisys 8832i

H5



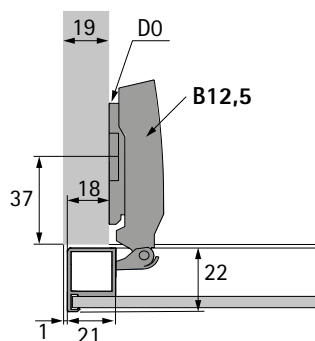
Sensys 8645i / Novisys 8848i / Novisys 8832i

H6



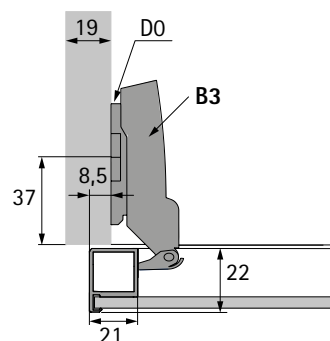
Sensys 8645i / Novisys 8848i / Novisys 8832i

H7



Sensys 8631i Alu

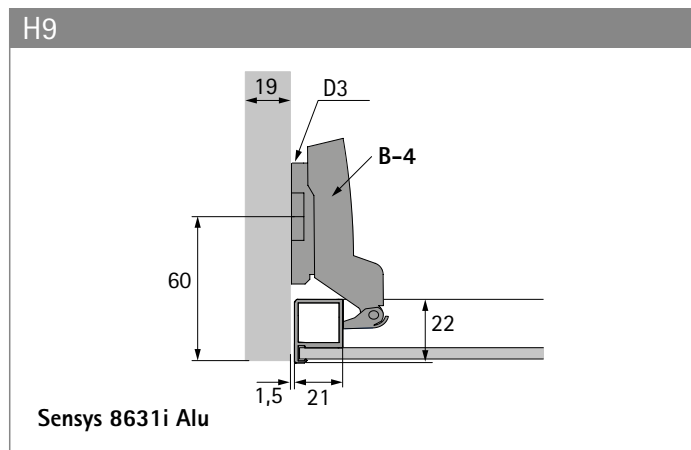
H8



Sensys 8631i Alu

Примери за приложение

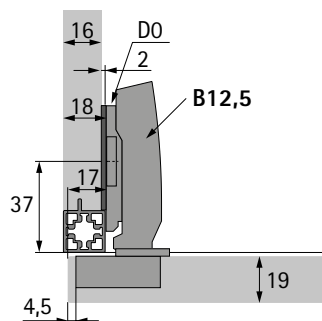
- ▶ Панти
- ▶ Приложения с врати с алуминиева рамка



Примери за приложение

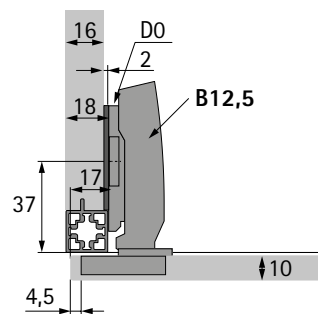
- Панти
- Приложения със система рамки Cadro

U1



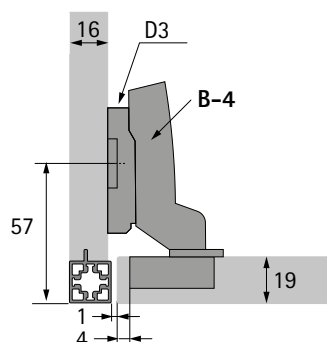
Sensys 8645i / Novisys 8848i / Novisys 8832i

U2



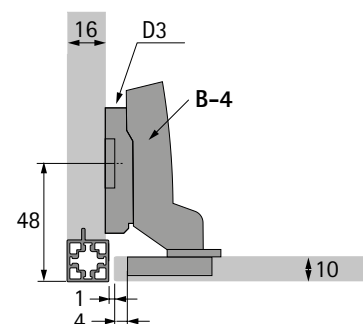
Sensys 8646i

U3



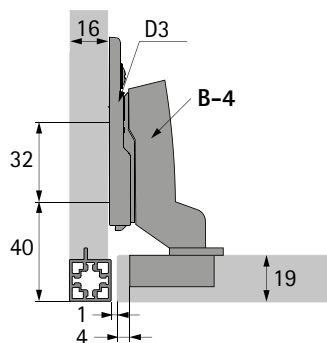
Sensys 8645i / Novisys 8848i / Novisys 8832i

U4



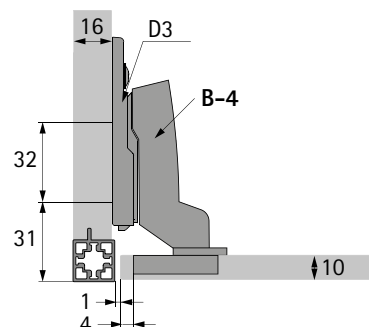
Sensys 8646i

U5



Sensys 8645i / Novisys 8848i / Novisys 8832i

U6

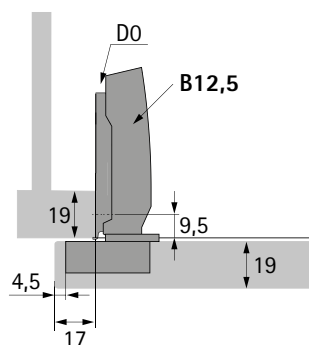


Sensys 8646i

Примери за приложение

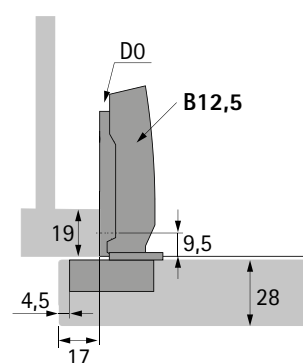
- ▶ Панти
- ▶ Приложения с вътрешна бленда / Приложения с челна рамка

G1



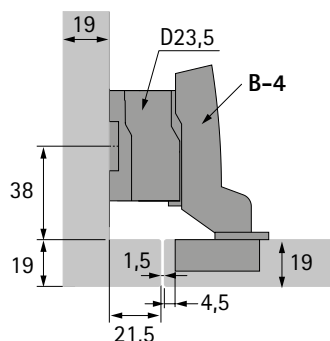
Sensys 8645i / Novisys 8848i / Novisys 8832i

G2



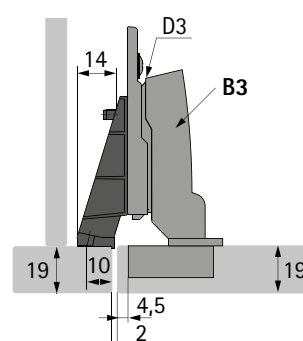
Sensys 8631i

G3



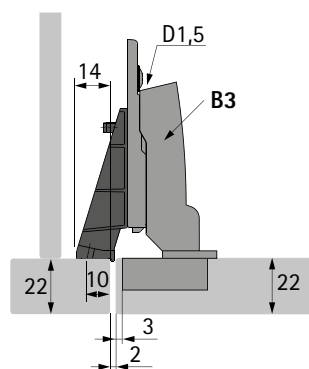
Sensys 8645i / Novisys 8848i / Novisys 8832i

G4



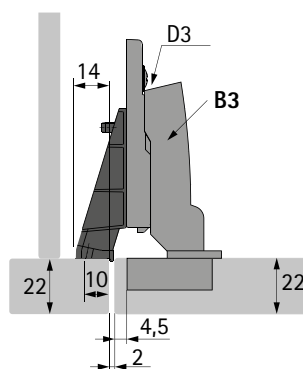
Sensys 8645i / Novisys 8848i / Novisys 8832i

G5



Sensys 8631i

G6

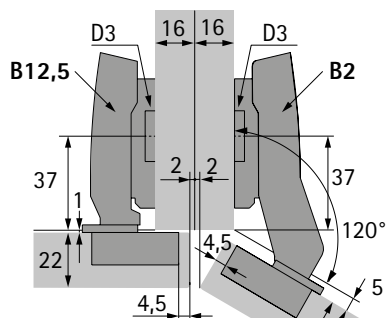


Sensys 8631i

Примери за приложение

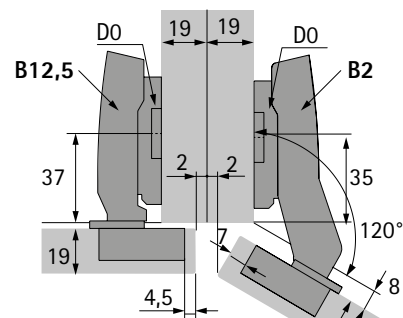
- ▶ Панти
- ▶ Приложения за ъглови шкафове

T1



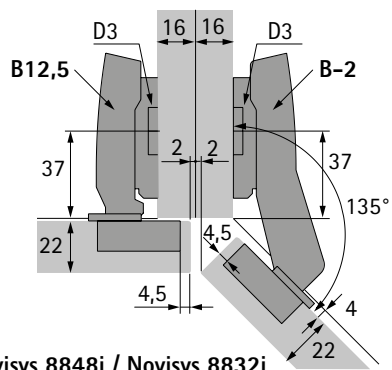
Sensys 8639i W30
Sensys 8645i / Novisys 8848i / Novisys 8832i

T2



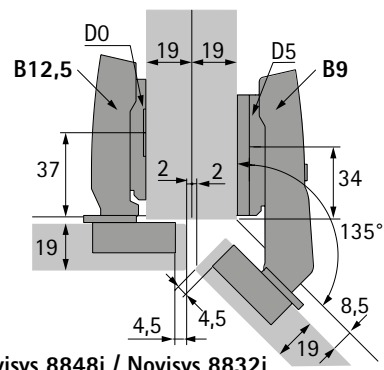
Sensys 8639i W30
Sensys 8645i / Novisys 8848i / Novisys 8832i

T3



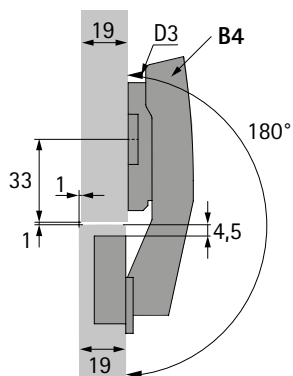
Sensys 8639i W45
Sensys 8645i / Novisys 8848i / Novisys 8832i

T4



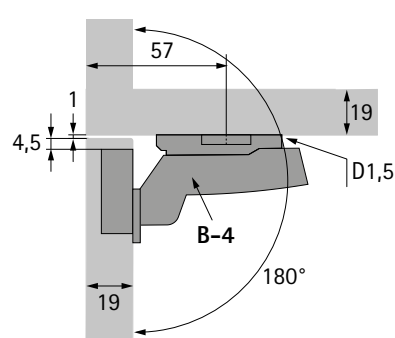
Sensys 8639i W45
Sensys 8645i / Novisys 8848i / Novisys 8832i

T5



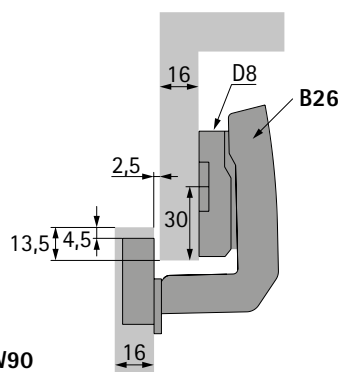
Sensys 8639i W90

T6



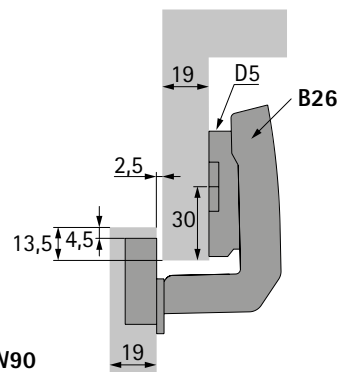
Sensys 8645i / Novisys 8848i / Novisys 8832i

T7



Sensys 8639i W90

T8

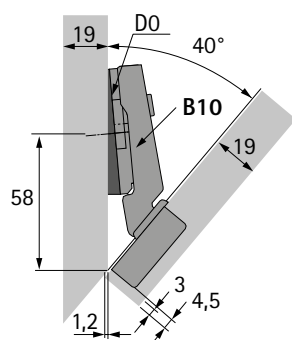


Sensys 8639i W90

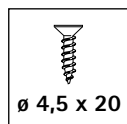
Примери за приложение

- Панти
- Приложения с ъгъл на корпуса < 90°

01



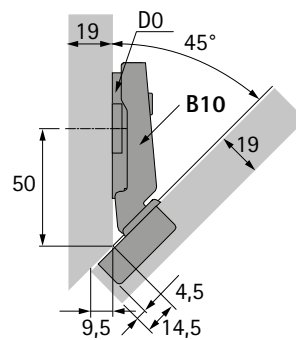
-5°



ø 4,5 x 20

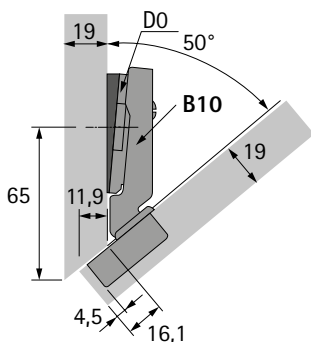
Intermat 9944 W-45

02

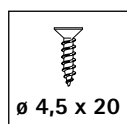


Intermat 9944 W-45

03



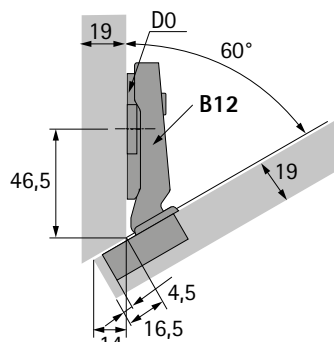
5°



ø 4,5 x 20

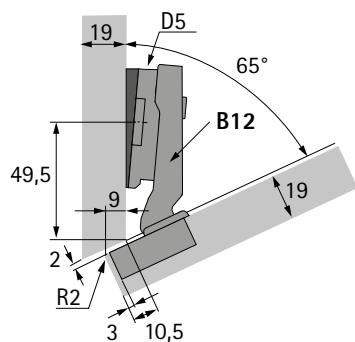
Intermat 9944 W-45

04

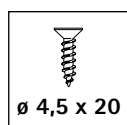


Intermat 9944 W-30

05



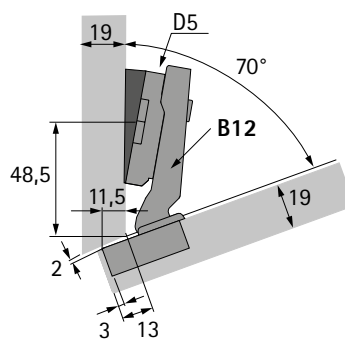
5°



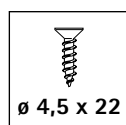
ø 4,5 x 20

Intermat 9944 W-30

06



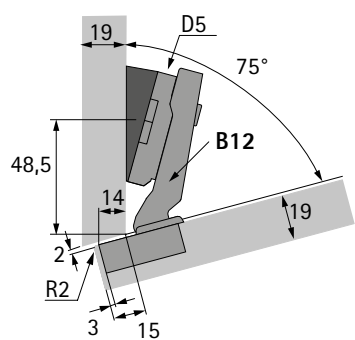
10°



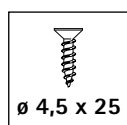
ø 4,5 x 22

Intermat 9944 W-30

07



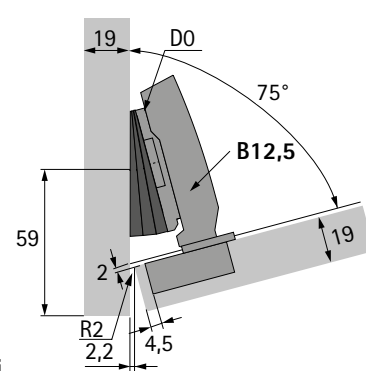
15°



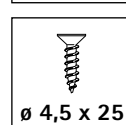
ø 4,5 x 25

Intermat 9944 W-30

08



3 x -5°

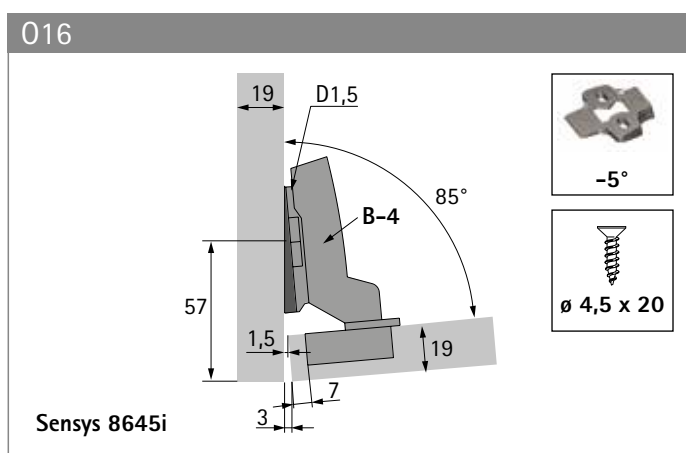
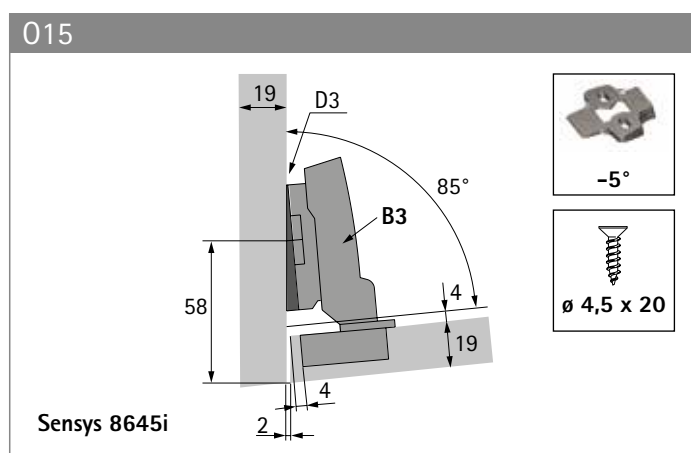
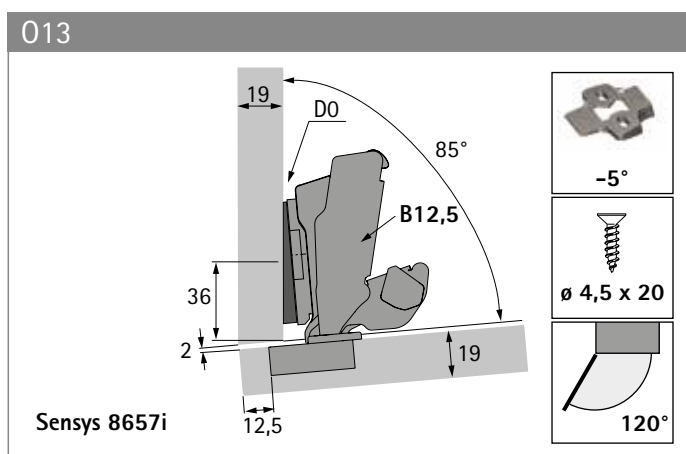
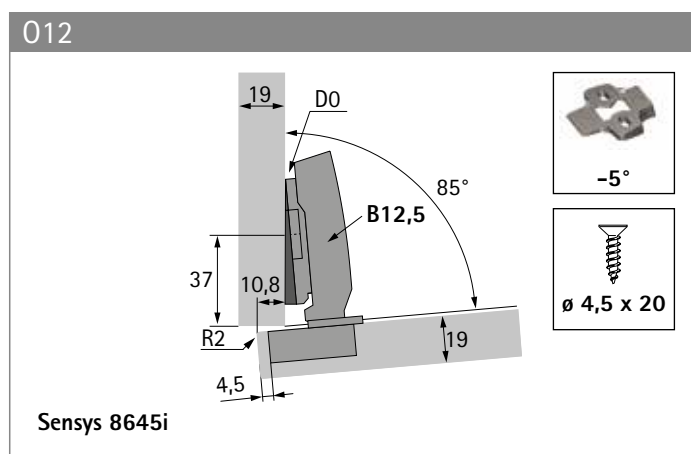
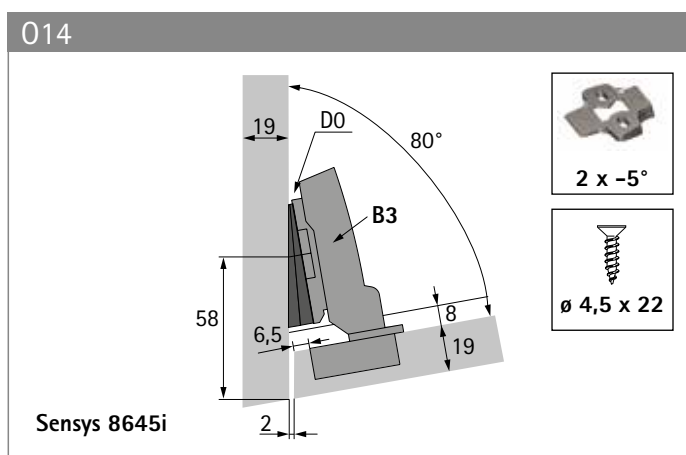
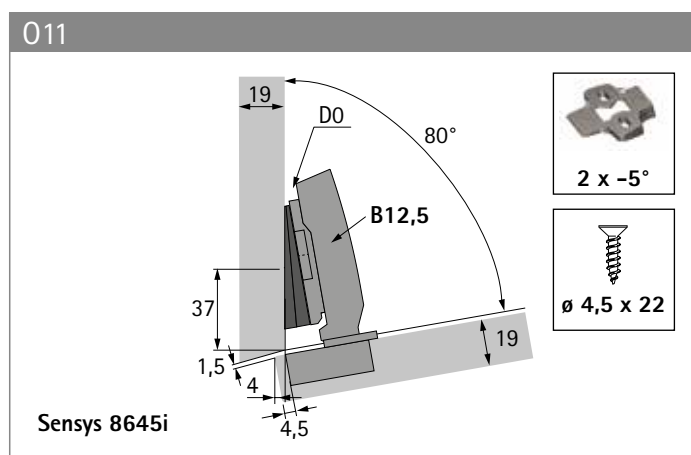
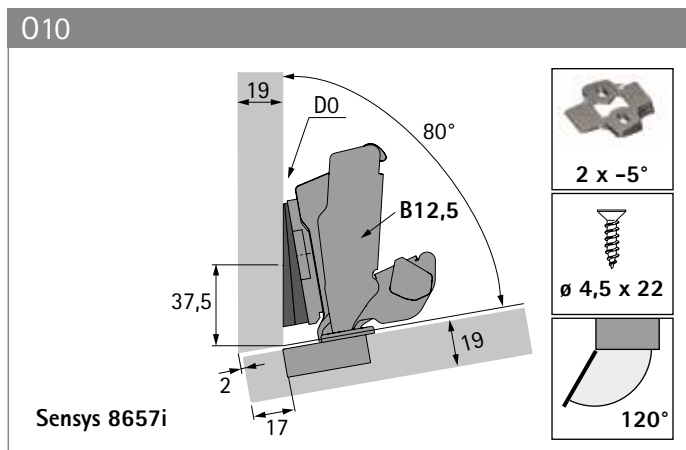
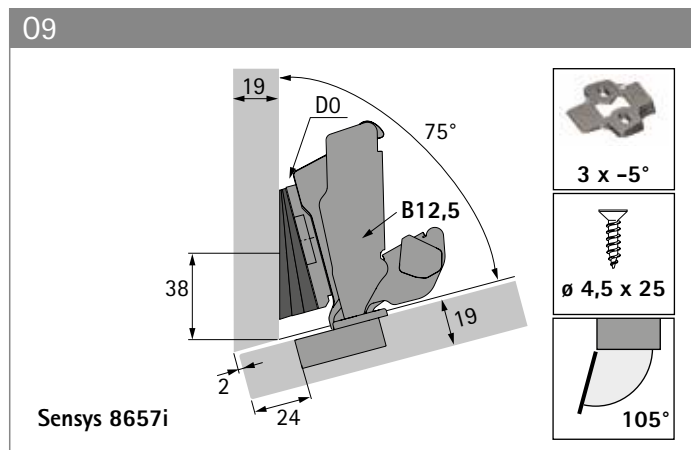


ø 4,5 x 25

Sensys 8645i

Примери за приложение

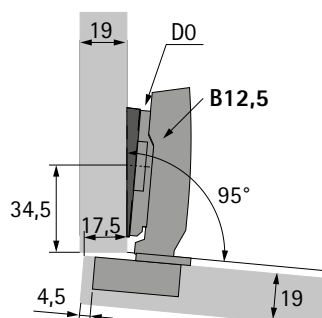
- Панти
- Приложения с ъгъл на корпуса < 90°



Примери за приложение

- Панти
- Приложения с ъгъл на корпуса 95° - 105°

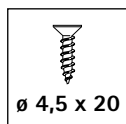
P1



Sensys 8645i / Novisys 8848i / Novisys 8832i

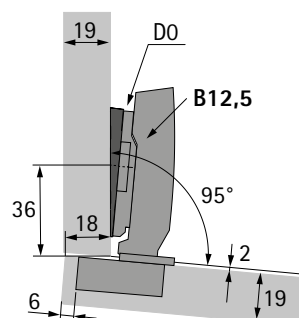


5°



ø 4,5 x 20

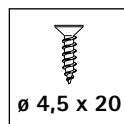
P2



Sensys 8645i / Novisys 8848i / Novisys 8832i

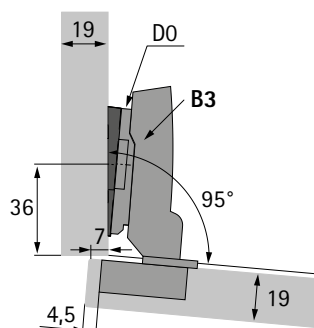


5°



ø 4,5 x 20

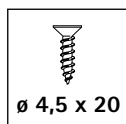
P3



Sensys 8645i / Novisys 8848i / Novisys 8832i

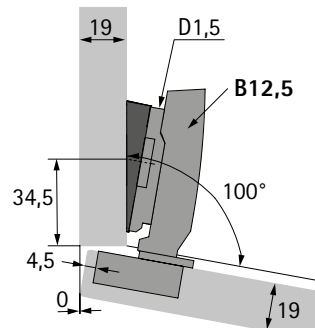


5°



ø 4,5 x 20

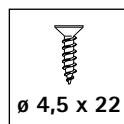
P4



Sensys 8645i / Novisys 8848i / Novisys 8832i

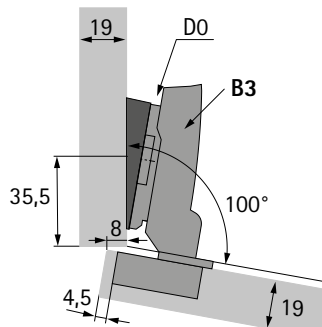


10°



ø 4,5 x 22

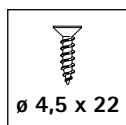
P5



Sensys 8645i / Novisys 8848i / Novisys 8832i

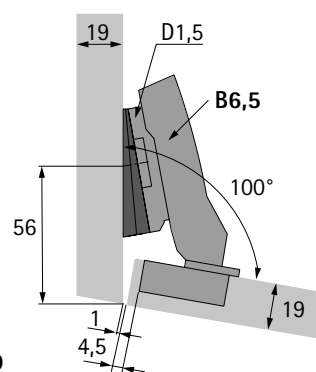


10°



ø 4,5 x 22

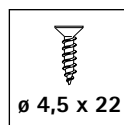
P12



Sensys 8639i W20

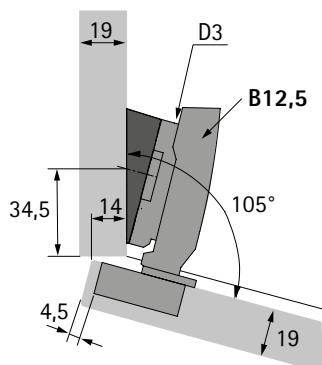


2 x -5°



ø 4,5 x 22

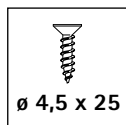
P6



Sensys 8645i

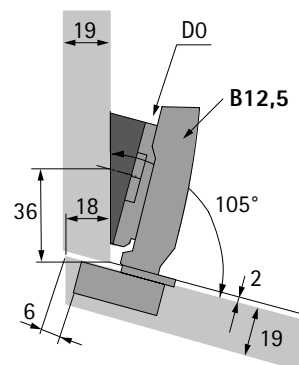


15°



ø 4,5 x 25

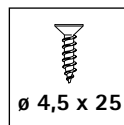
P7



Sensys 8645i



15°

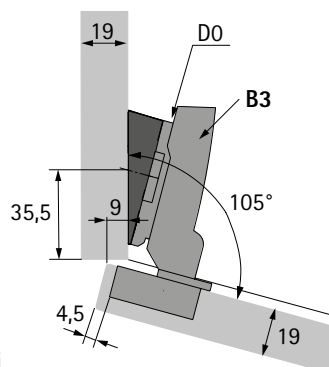


ø 4,5 x 25

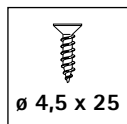
Примери за приложение

- ▶ Панти
- ▶ Приложения с ъгъл на корпуса 95° - 105°

P8



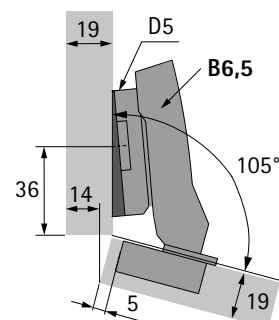
15°



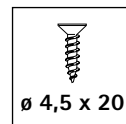
ø 4,5 x 25

Sensys 8645i

P13



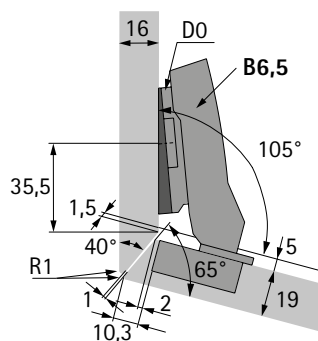
-5°



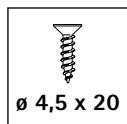
ø 4,5 x 20

Sensys 8639i W20

P14



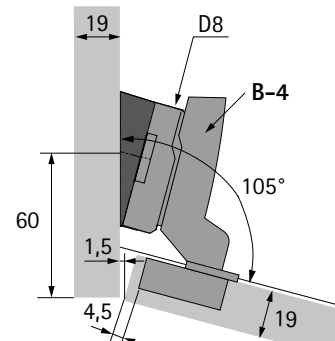
-5°



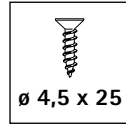
ø 4,5 x 20

Sensys 8639i W20

P9



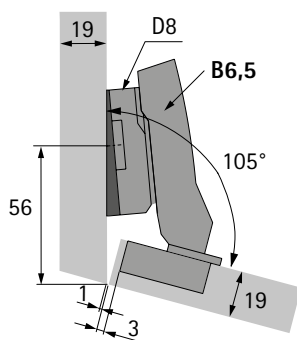
15°



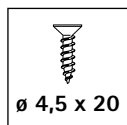
ø 4,5 x 25

Sensys 8645i

P15



-5°



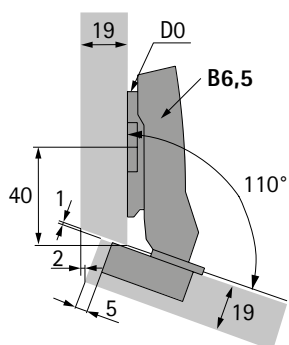
ø 4,5 x 20

Sensys 8639i W20

Примери за приложение

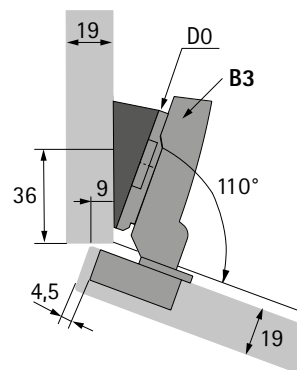
- ▶ Панти
- ▶ Приложения с ъгъл на корпуса 110° - 115°

V1

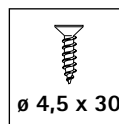


Sensys 8639i W20

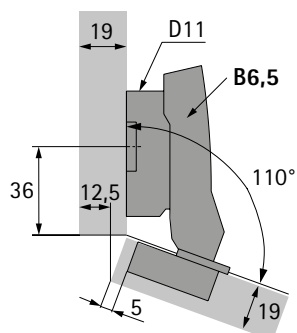
V2



Sensys 8645i

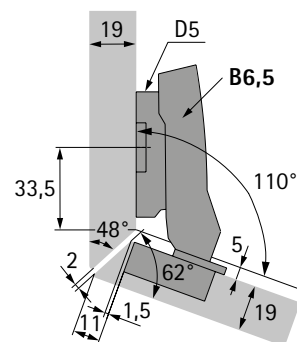


V3



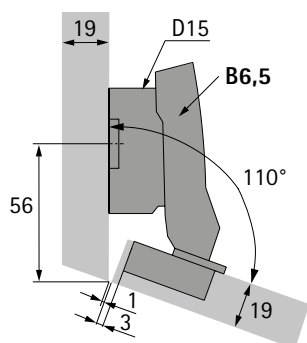
Sensys 8639i W20

V4



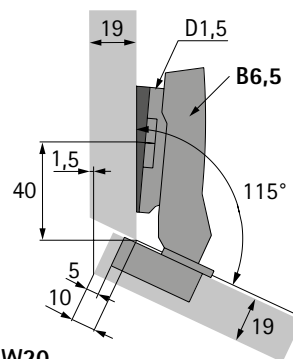
Sensys 8639i W20

V5

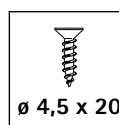


Sensys 8639i W20

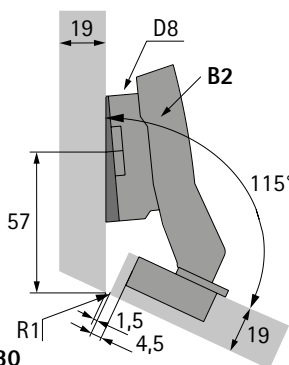
V6



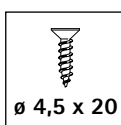
Sensys 8639i W20



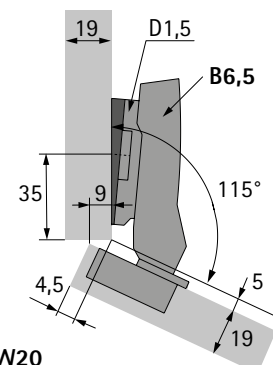
V7



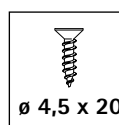
Sensys 8639i W30



V8



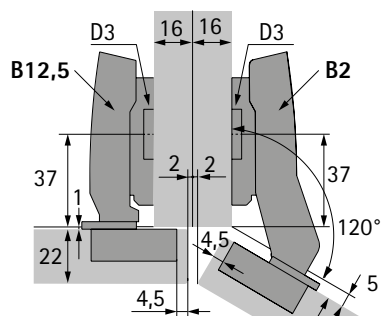
Sensys 8639i W20



Примери за приложение

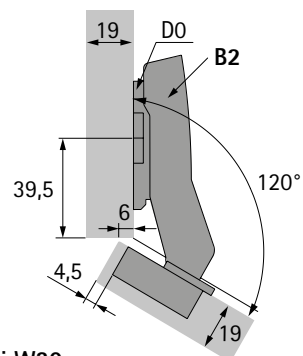
- ▶ Панти
- ▶ Приложения с ъгъл на корпуса 120° - 130°

Q1



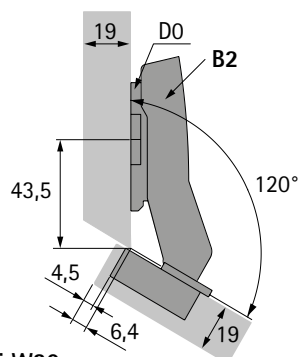
Sensys 8639i W30
Sensys 8645i / Novisys 8848i / Novisys 8832i

Q2



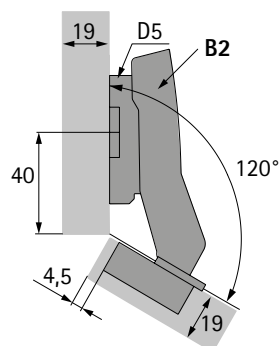
Sensys 8639i W30

Q3



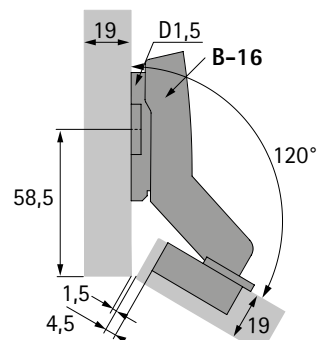
Sensys 8639i W30

Q4



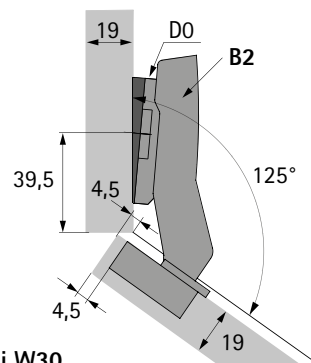
Sensys 8639i W30

Q5



Sensys 8639i W30

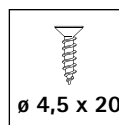
Q6



Sensys 8639i W30

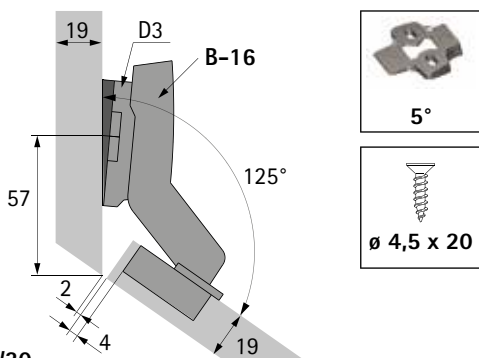


5°



ø 4,5 x 20

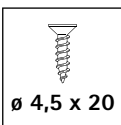
Q8



Sensys 8639i W30

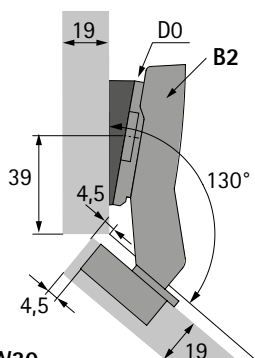


5°



ø 4,5 x 20

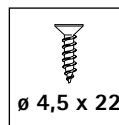
Q7



Sensys 8639i W30



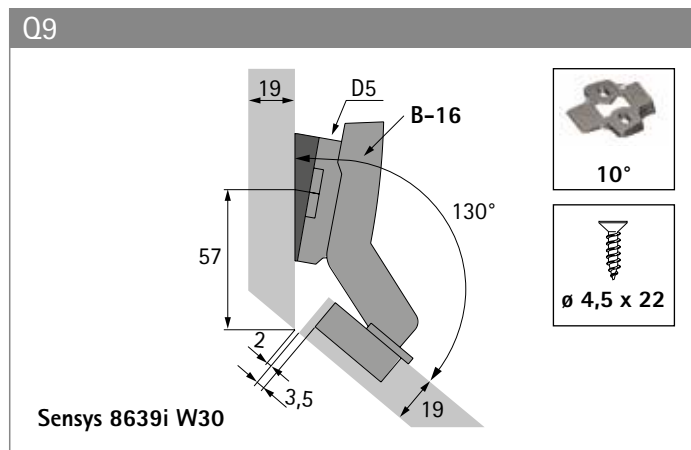
10°



ø 4,5 x 22

Примери за приложение

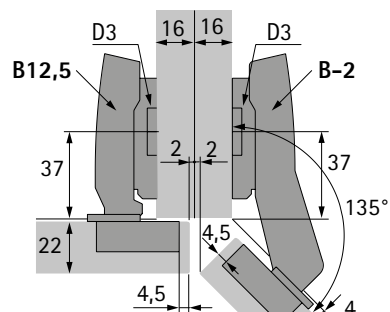
- ▶ Панти
- ▶ Приложения с ъгъл на корпуса 120° – 130°



Примери за приложение

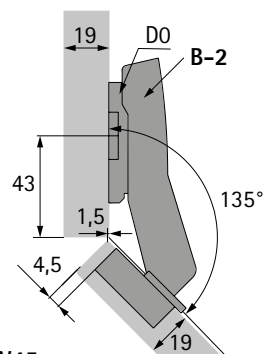
- ▶ Панти
- ▶ Приложения с ъгъл на корпуса 135°

R1



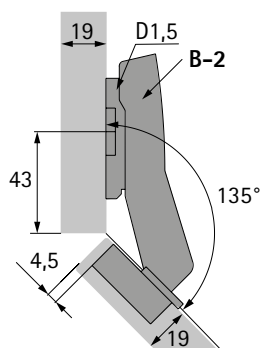
Sensys 8639i W45
Sensys 8645i / Novisys 8848i / Novisys 8832i

R2



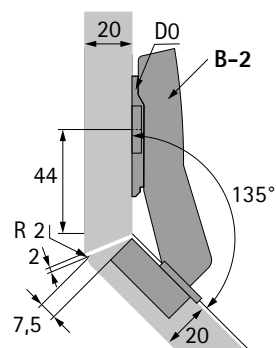
Sensys 8639i W45

R3



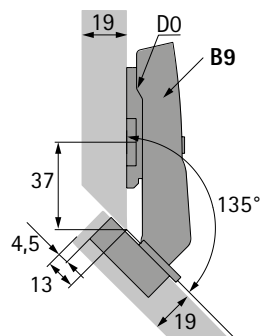
Sensys 8639i W45

R4



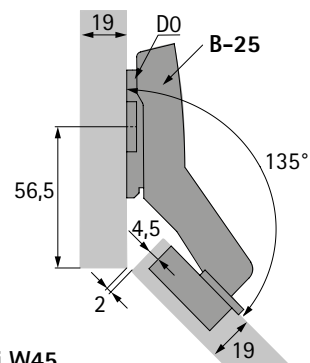
Sensys 8639i W45

R5



Sensys 8639i W45

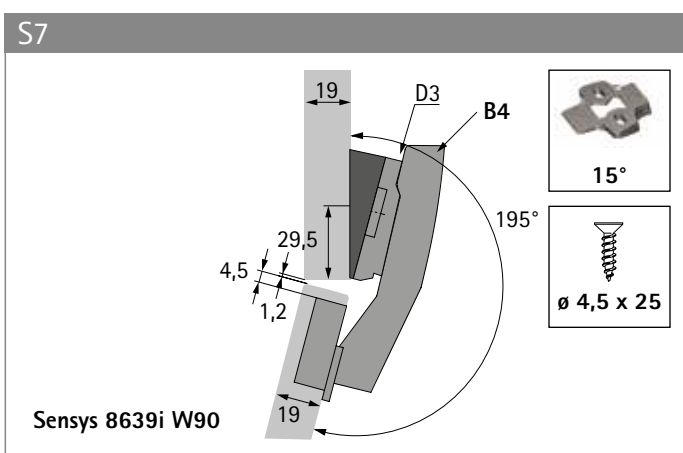
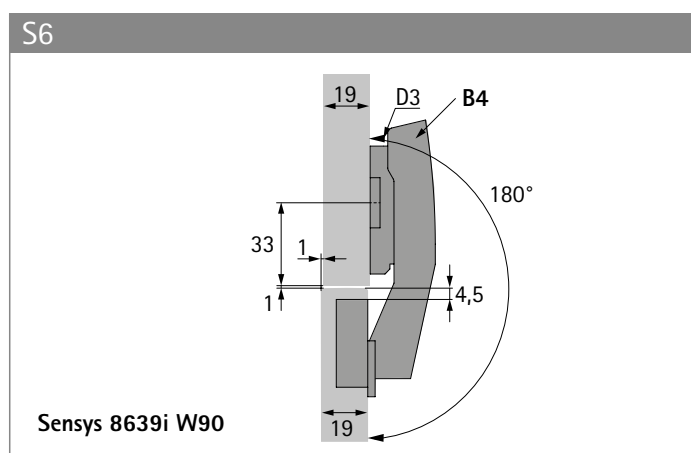
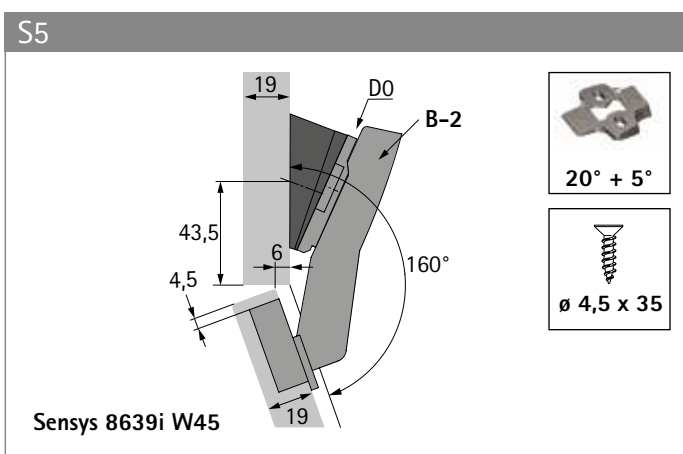
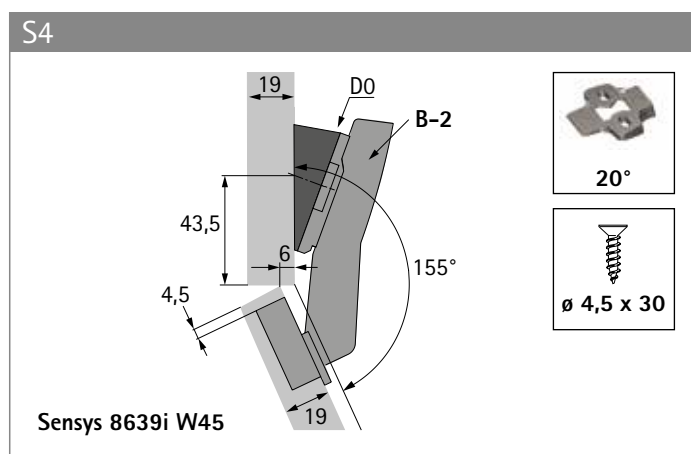
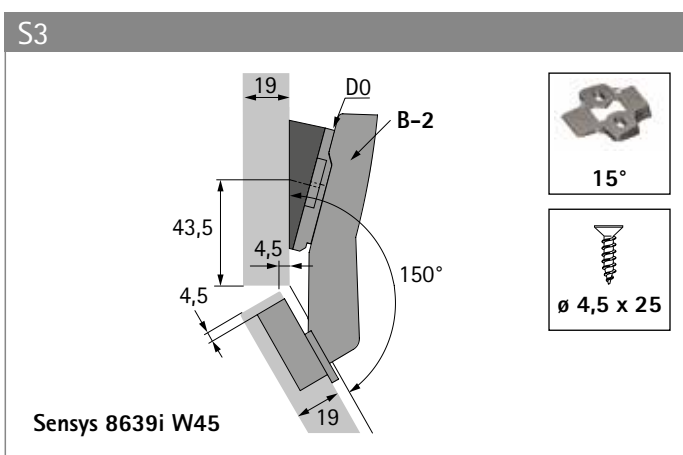
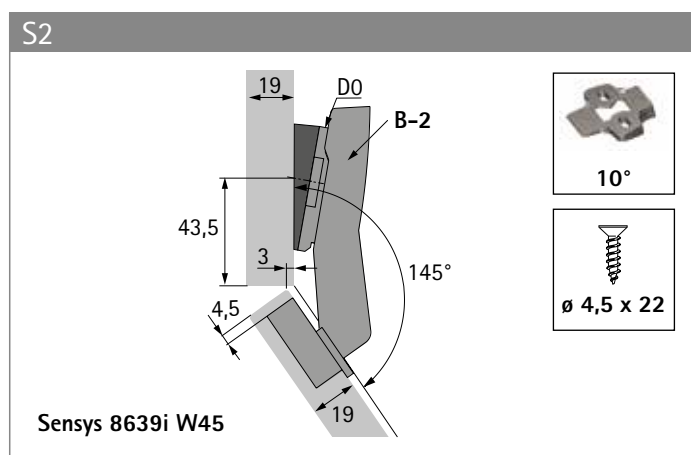
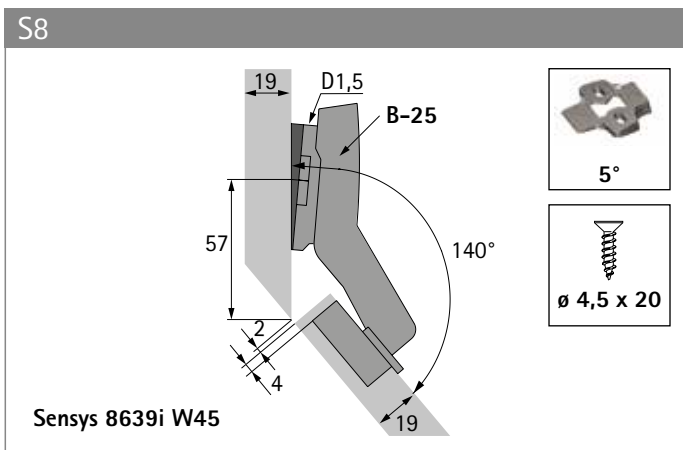
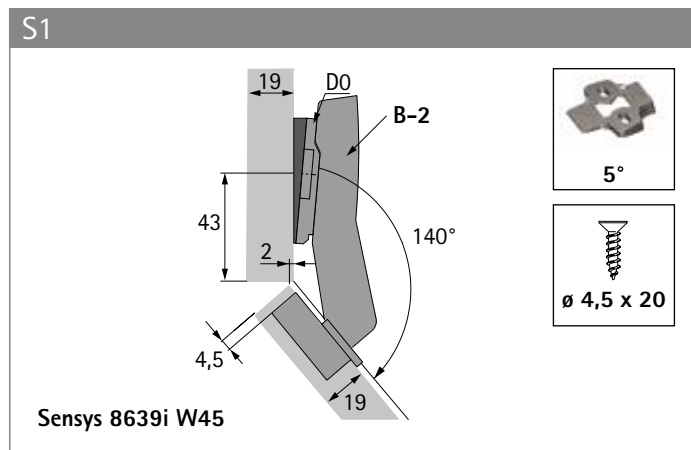
R6



Sensys 8639i W45

Примери за приложение

- ▶ Панти
- ▶ Приложения с ъгъл на корпуса >135°



IT'S ALL IN HETTICH

