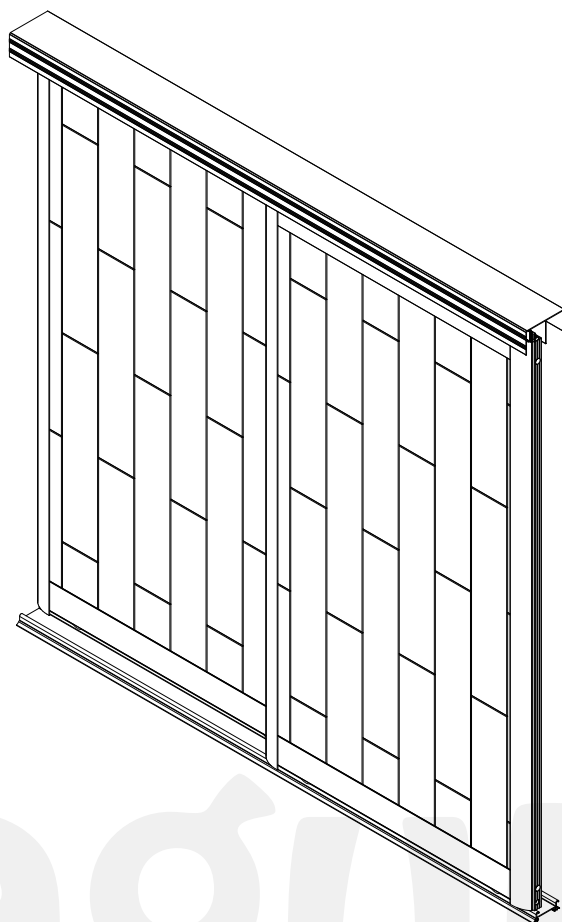
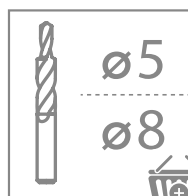
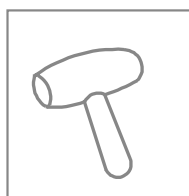
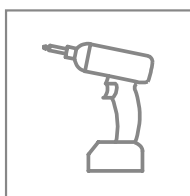
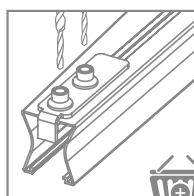
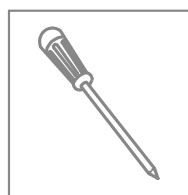
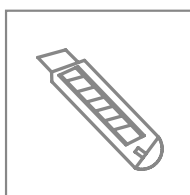
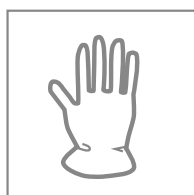




DO POPRAWNEGO MONTAŻU POTRZEBUJESZ NARZĘDZI:
FOR CORRECT ASSEMBLY YOU NEED TOOLS:



www.laguna.pl

www.laguna.pl

Zestaw wiertel:

Drills set:



Ø2

Zestaw bitów:

Bits set:



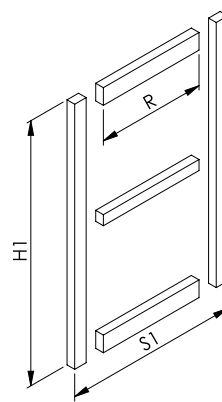
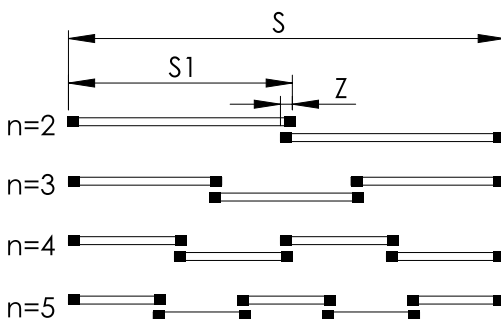
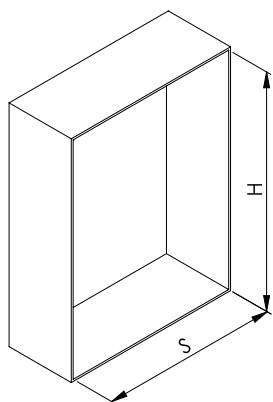
Komplet imbusów:

Allen keys set:



3

5



Z - zakładka między skrzydłami;
Z – overlap between door leaves

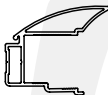
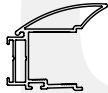
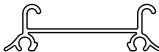
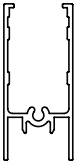
H1 - wysokość całkowita gotowego skrzydła;
H1 – total height of finished door leaf

n - liczba skrzydeł przyjęta do obliczeń ;
n – number of door leaves that are calculated

S1 - szerokość całkowita gotowego skrzydła;
S1 – total width of finished door leaf

R - długość profili poziomych;
R – lenght of horizontal profiles

* wszystkie wymiary podane są w mm
* all dimensions are in mm

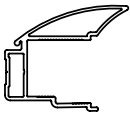
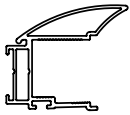
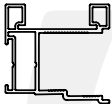
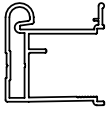
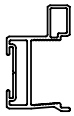
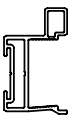
Rodzaj rączki Handle type		Szerokość skrzydła - S1 Width of door leaf – S1		Wysokość skrzydła - H1 (długość profili pionowych) Height of door – H1 (lenght of vertical profiles)		Długość profili poziomych - R Lenght of horizontal profiles – R	
Zakładka Overlap	z	Liczba skrzydeł - n Quantity of door leaves - n	Tor RAMA Rama track	Tor GAMA Gama track			
MULTIOMEGA 88770000 	40	n=2 $S1=(S+Z)/2$				R=S1-48,6	 RAMIAK RAMA R-18 R-18 RAMA horizontal profile 88830000
MULTIOMEGA WIDE 88710000 						R=S1-47,5	
ETA WIDE 88271000 	40	n=3 $S1=(S+2xZ)/3$	H1=H-40	H1=H-47	R=S1-55		
RAMA WIDE 88920000 	34	n=4 $S1=(S+3xZ)/4$			R=S1-56,4	 RAMIAK RAMA R-19 R-19 RAMA horizontal profile 88030000	
RAMA 88820000 					R=S1-52		
MODERN WIDE 88730000 	19	n=5 $S1=(S+4xZ)/5$			R=S1-30,6		
MODERN WIDE R19 88010000 					R=S1-30,6		

Obliczanie szerokości - rodzaj wypełnienia / Width calculation - filling type



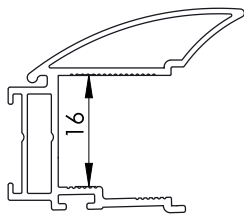
- skontaktuj się z działem handlowym w celu uzyskania dodatkowych informacji
- contact our sales department for additional information

Bp- szerokość płyty
Bp - board width

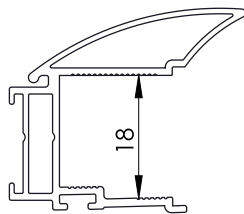
Rodzaj rączki Handle type	Deska podłogowa 13/14/15 mm / Floorboard 13/14/15 mm
MULTIOMEGA 88770000 	Bp=S1-12,6
MULTIOMEGA WIDE 88710000 	Bp=S1-14,6
ETA WIDE 88271000 	Bp=S1-19
RAMA WIDE 88920000 	Bp=S1-27,6
RAMA 88820000 	Bp=S1-23,2
MODERN WIDE 88730000 	Bp=S1-13,8
MODERN WIDE R19 88010000 	Bp=S1-13,8

Mocowanie wypełnień w rączkach / Fixing the fillings in the handles

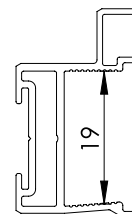
Podział sekcji w rączkach / Division of sections in the handles



MULTIOMEGA WIDE
88710000



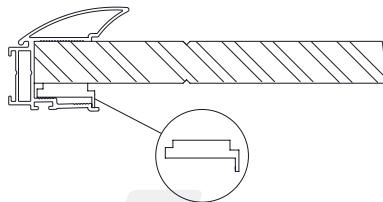
MULTIOMEGA WIDE
88710000



MODERN WIDE R19
88010000

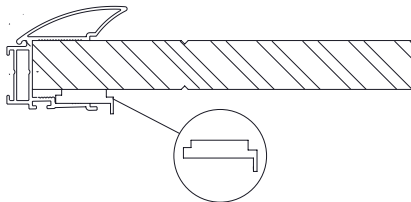
Przykłady mocowania deski z wkładką w rączkach / Examples of fixing a board with an insert in the handles

Grubość deski 11/12/13
board thickness 11/12/13



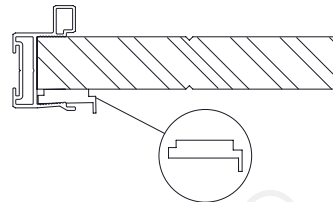
wkładki 5/4/3
inserts 5/4/3

Grubość deski 13/14/15
board thickness 13/14/15



wkładki 5/4/3
inserts 5/4/3

Grubość deski 14/15/16
board thickness 14/15/16



wkładki 5/4/3
inserts 5/4/3

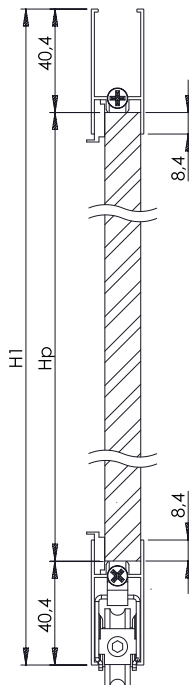
Obliczanie wysokości wypełnienia / Filling height calculations

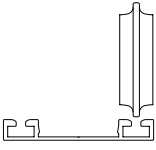
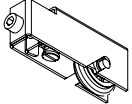
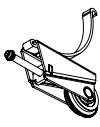
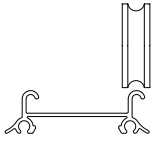
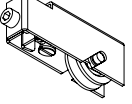
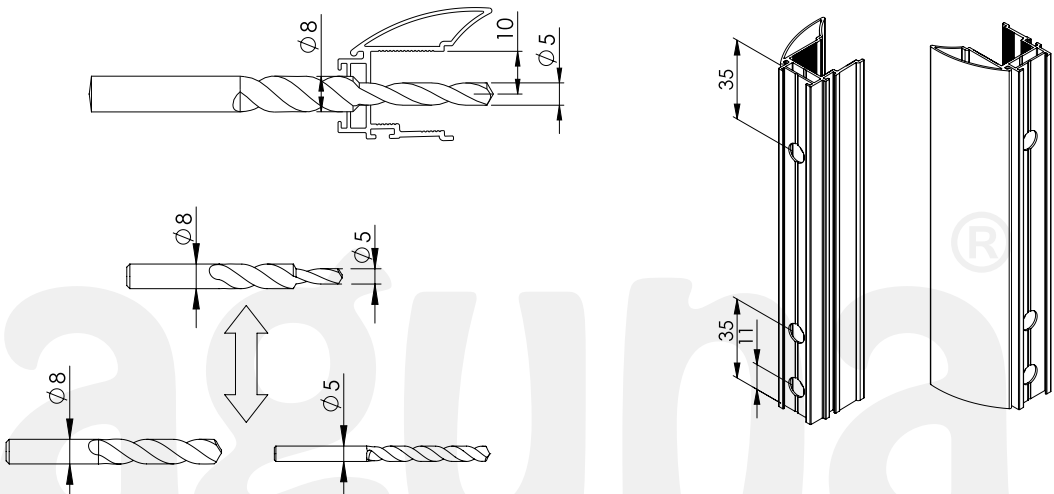
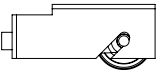
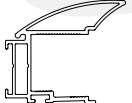
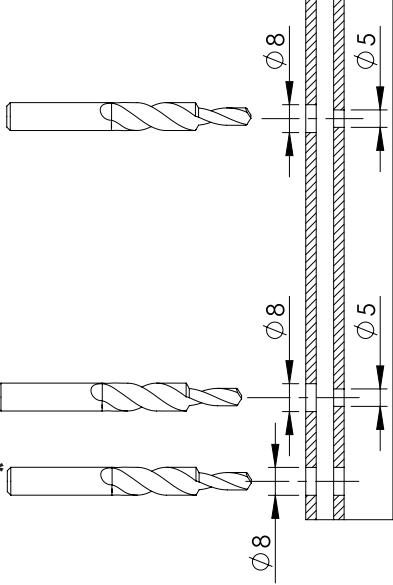
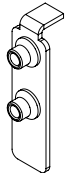
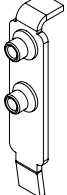
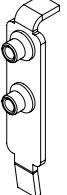
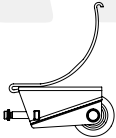
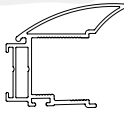
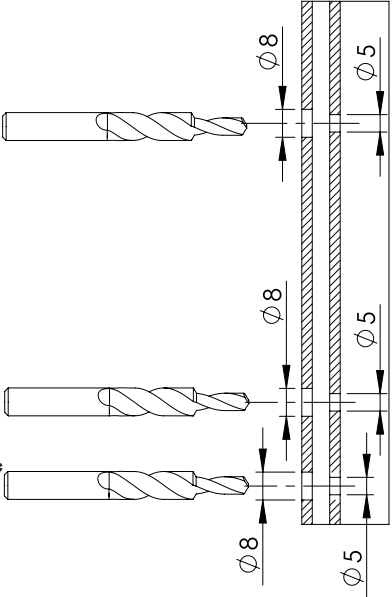
Deska podłogowa / Floorboard

Hp - wysokość płyty
Hp – board height

H1 - wysokość całkowita gotowego skrzydła
H1 – total height of finished door leaf

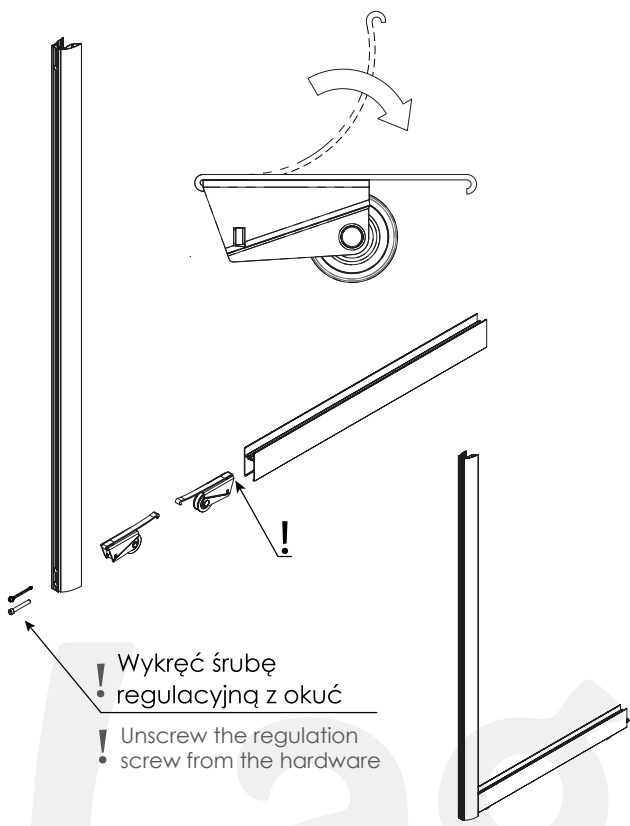
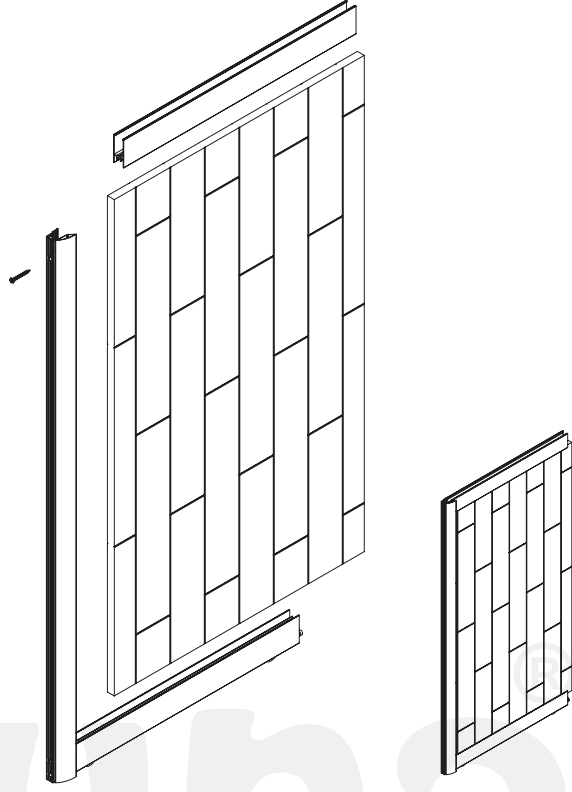
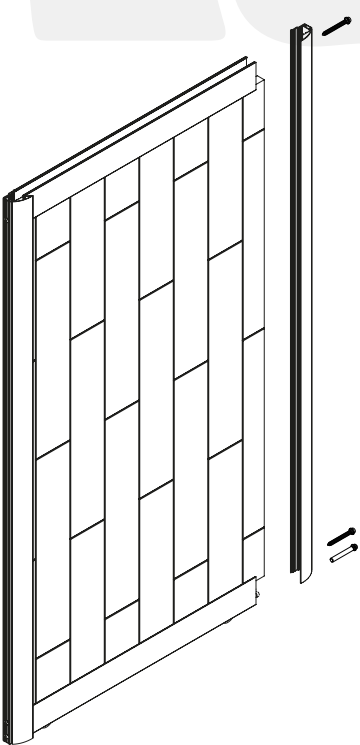
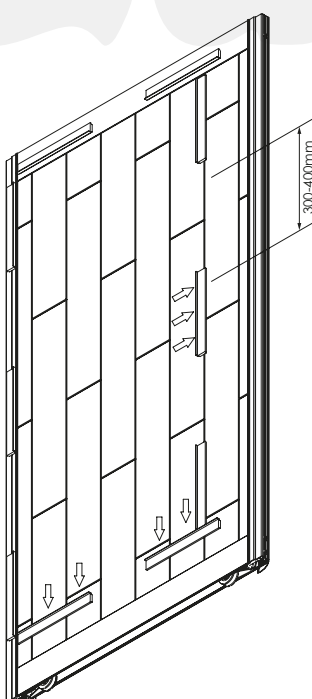
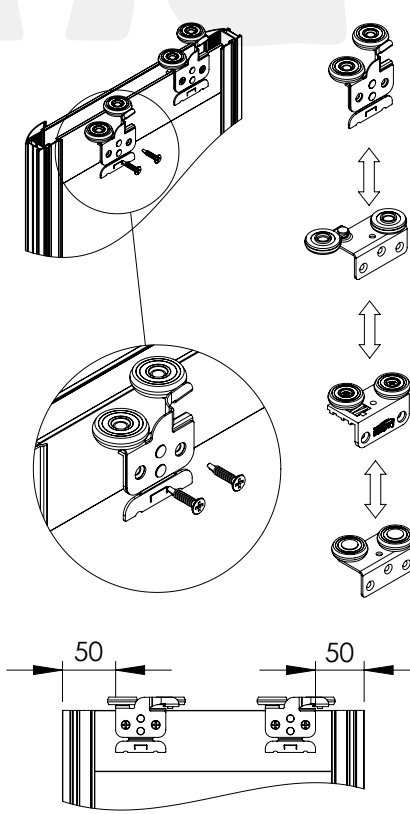
$$Hp = H1 - 80,8$$



Rodzaj toru Type of track	Wybór typu okucia dolnego / Lower hardware type selection Okucia są ze sobą wymienne lecz wpływają na sposób nawiercania rączki Hardware can be interchangeable, but their type determines the drilling in the handle	
	 OKUCIE RAMA RAMA hardware 88810000 lub or  OKUCIE MULTI RAM MULTI RAM hardware 88817000	
	 OKUCIE RAMA PLUS RAMA PLUS hardware 88814000 lub or  OKUCIE MULTI OMEGA MULTI OMEGA hardware 88816000	
Nawiercanie rączki / Drilling the handles		
 WIERTŁO DWUSTOPNIOWE two-stage drill 102900000		
   * Otwór do regulacji okucia * Hardware regulation hole	ALUMAT Sprawdź naszą bogatą gamę szablonów do nawiercania Check out our wide range of drilling jigs  ALUMAT 18 MM 106400000  ALUMAT 18 MM RAMA WIDE 106300000  ALUMAT 18 MM WIDE 106200000	   * Otwór do regulacji okucia * Hardware regulation hole

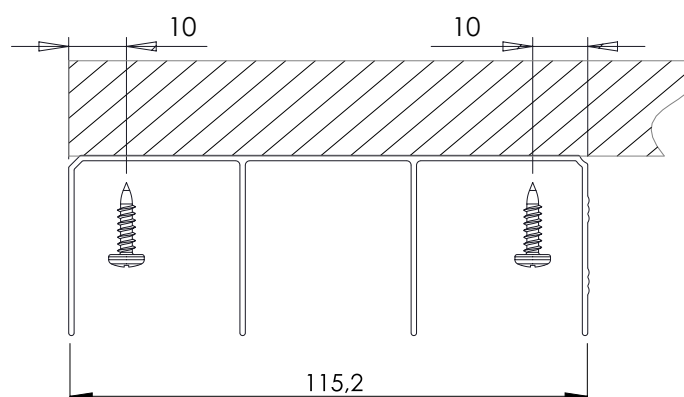
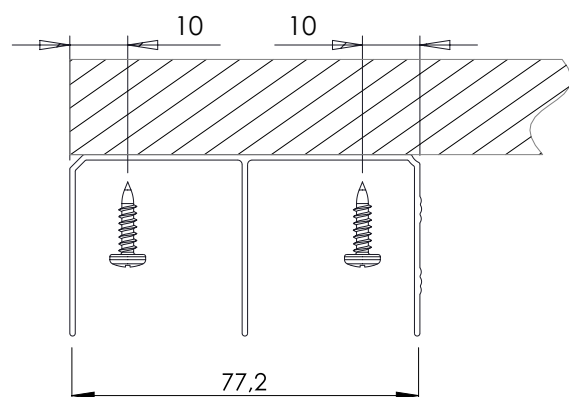
Składanie skrzydła - Deska na wkładkach

Assembling the door leaf - Board on the inserts

Krok 1 / Step 1	Krok 2 / Step 2	
 ! Wykręć śrubę regulacyjną z okuć ! Unscrew the regulation screw from the hardware		
Krok 3 / Step 3	Krok 4 / Step 4	Krok 5 / Step 5
	 ! Wsunąć wkładki odpowiednie do grubości deski ! Insert inserts suitable to the thickness of the board	

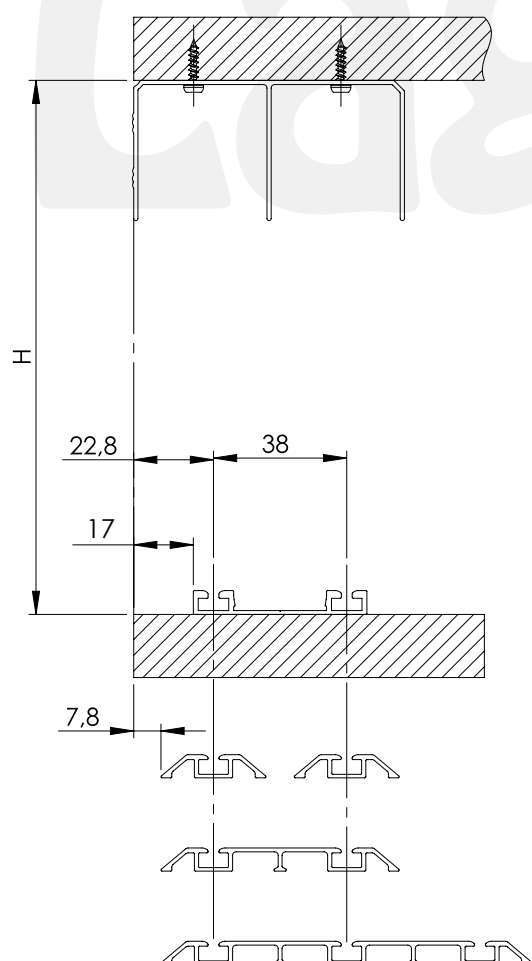
Montaż torów górnych / Mounting of upper tracks

(przekrój poprzeczny) / (cross section)

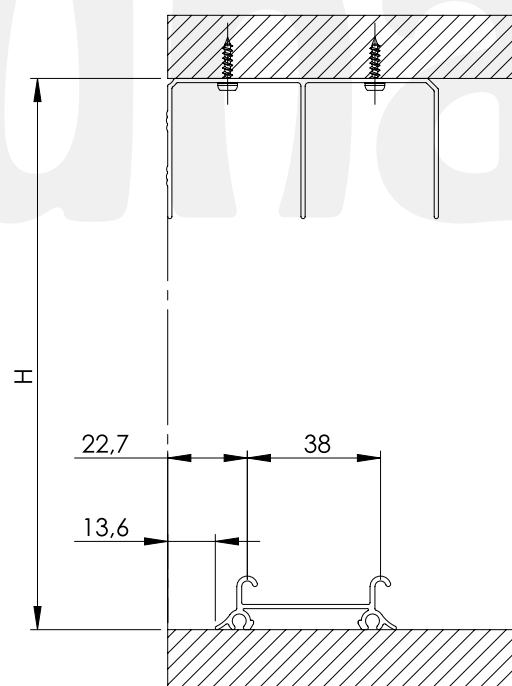


Orientacja względem toru górnego / Position relative to the upper track

TORY RAMA / Rama tracks

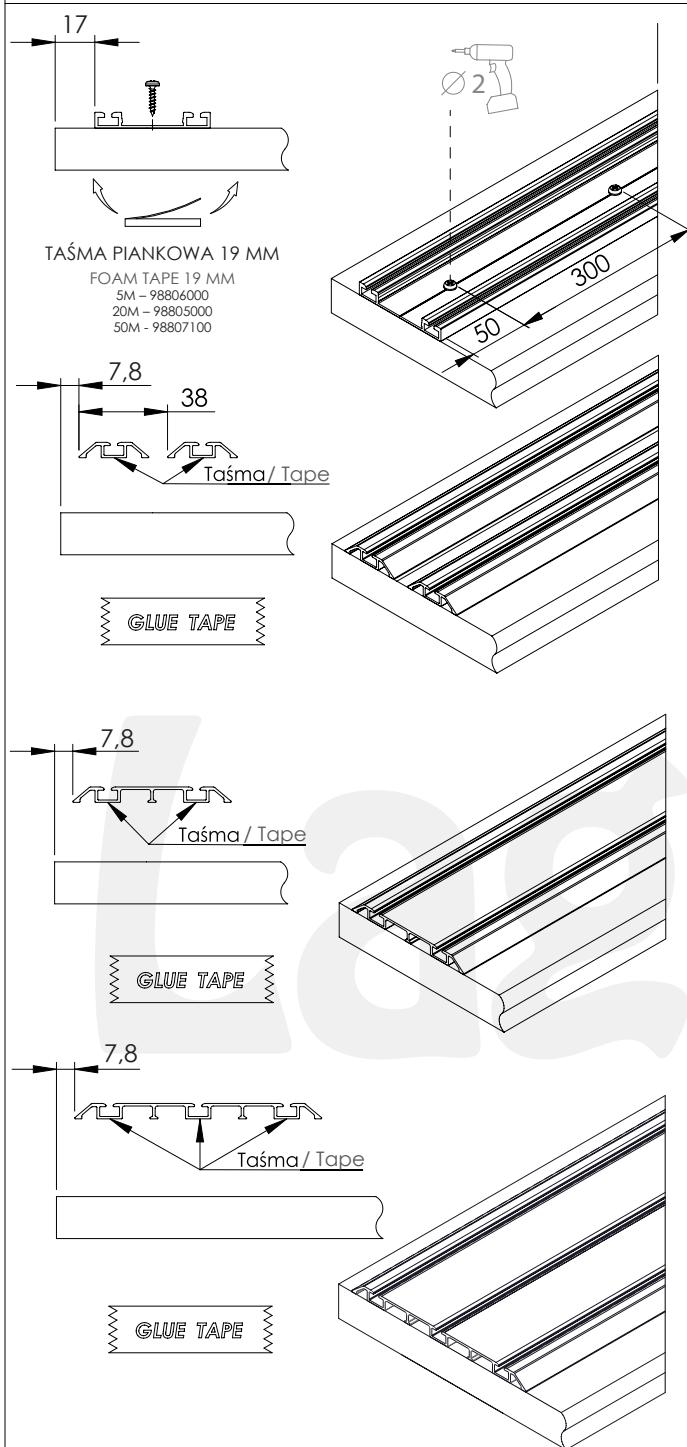


TOR GAMA / Gama track

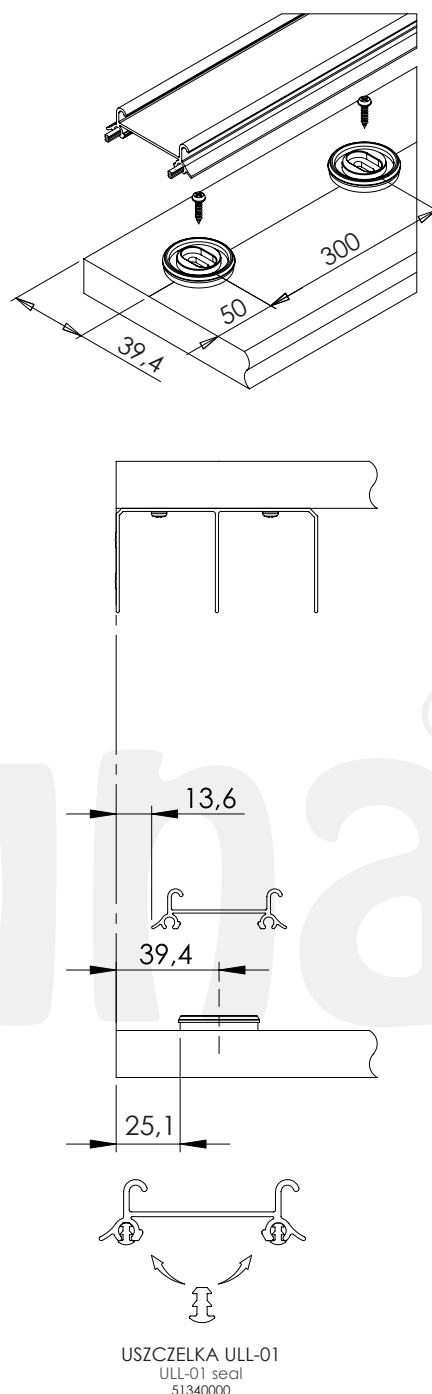


Montaż torów dolnych / Mounting of lower tracks

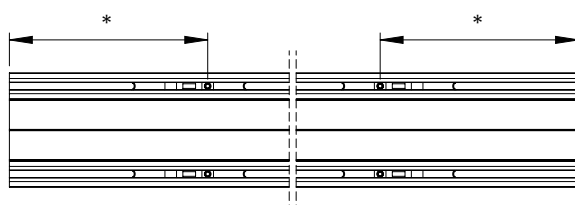
TORY RAMA / Rama tracks



TOR GAMA / Gama track

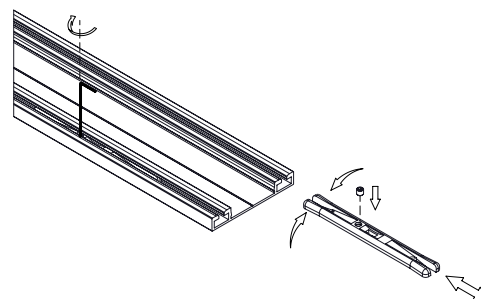


Montaż stopera dolnego w torach rama / Mounting of lower stopper in rama tracks



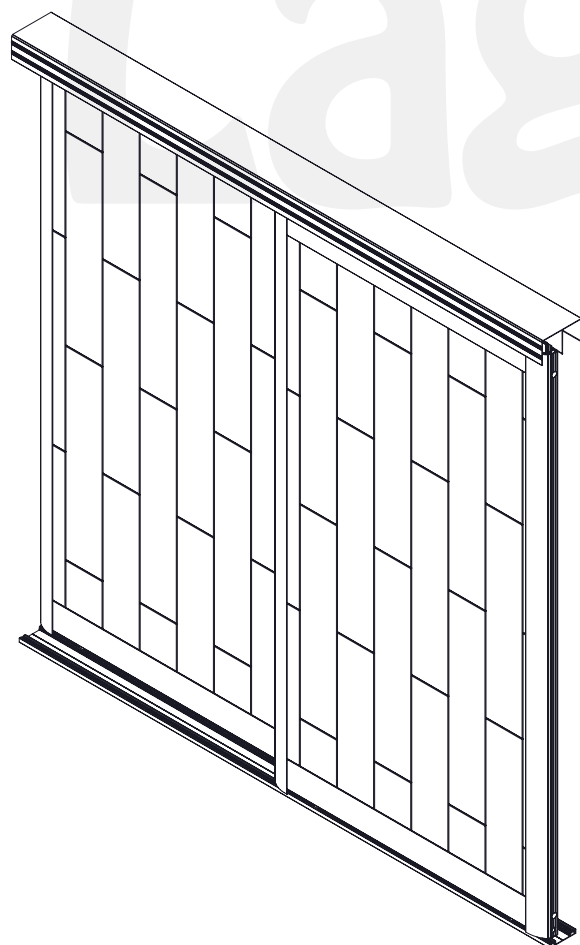
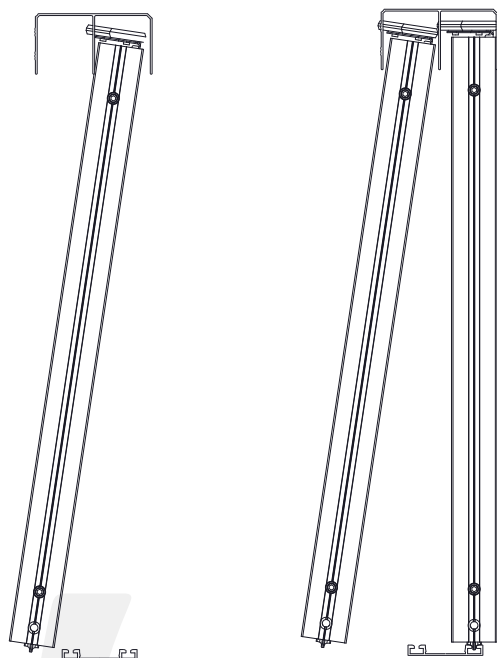
* Odległość stopera ustawić tak, by skrzydło domykało się do brzegu korpusu po umiejscowieniu oponki okucia w cylindrycznej części stopera.

* Set the stopper distance so that the door leaf is closing to the edge, after placing the bearing of the hardware in the cylindrical part of the softcloser.

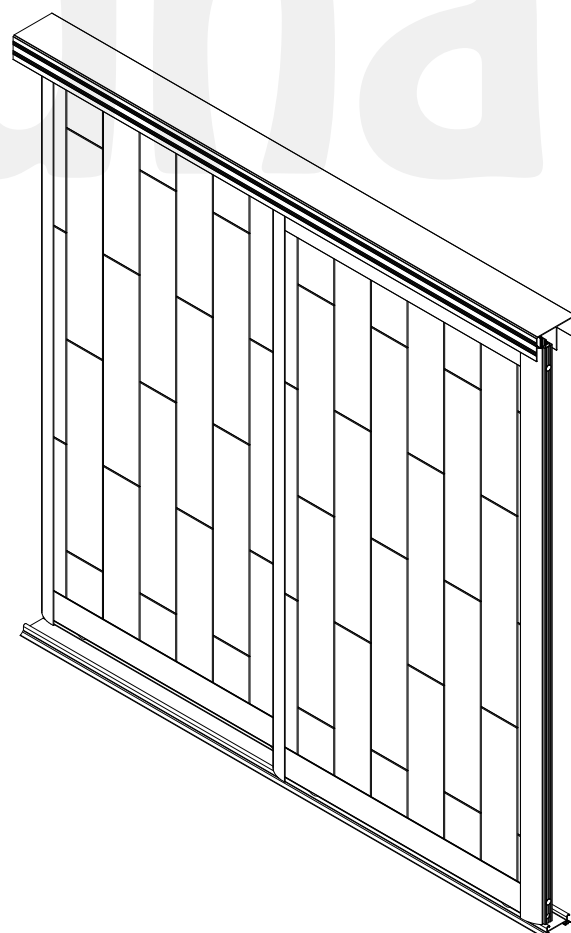
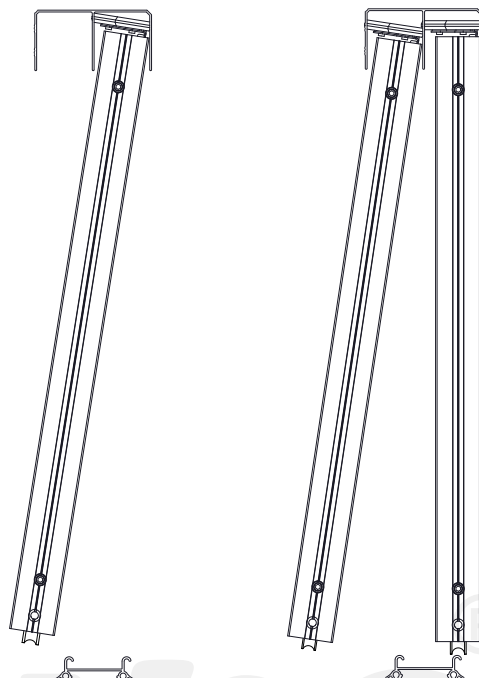


Montaż skrzydła w torach / Mounting of door leaf in tracks

TORY RAMA / Rama tracks

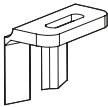


TOR GAMA / Gama track



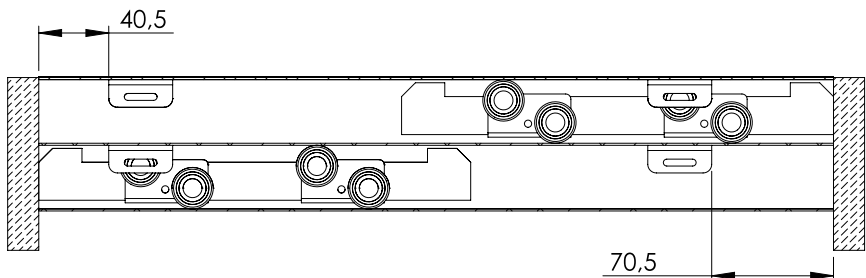
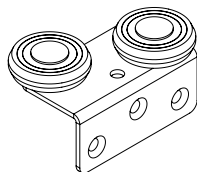
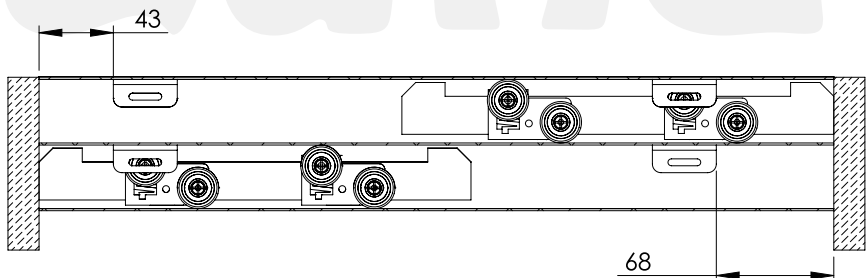
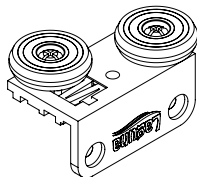
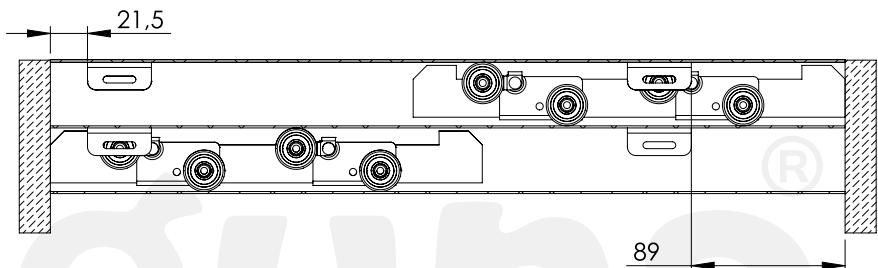
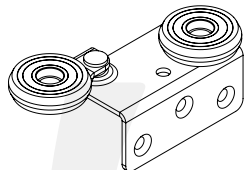
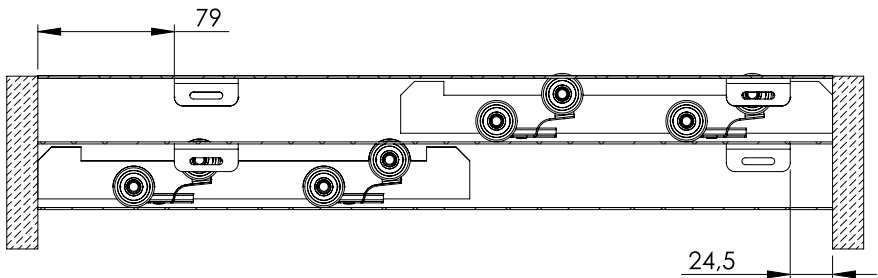
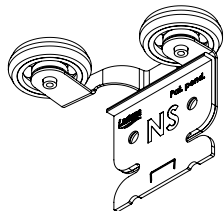
Montaż pozycjonerów SOLID / Mounting of SOLID guides

w zależności od wybranego rodzaju prowadnika / depending on chosen type



Rodzaj prowadnika / Guide type

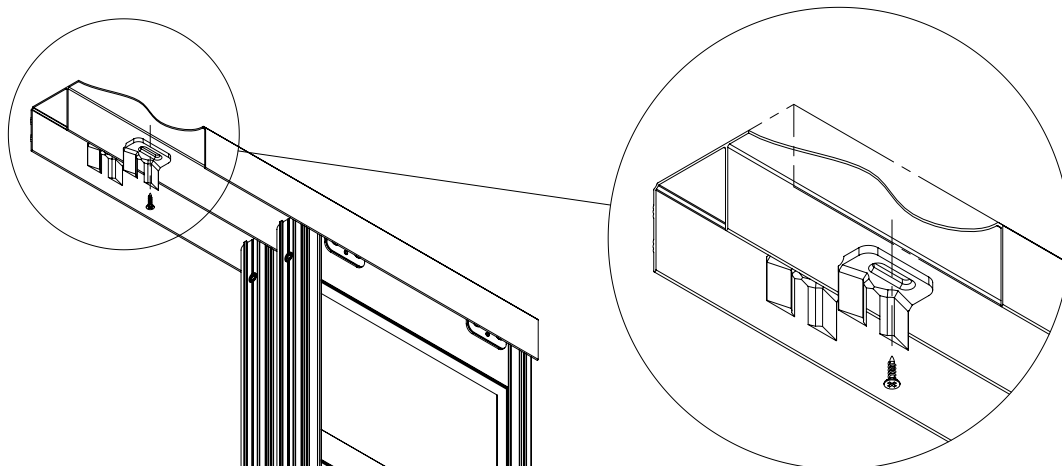
Wymiary montażowe / Mounting dimensions



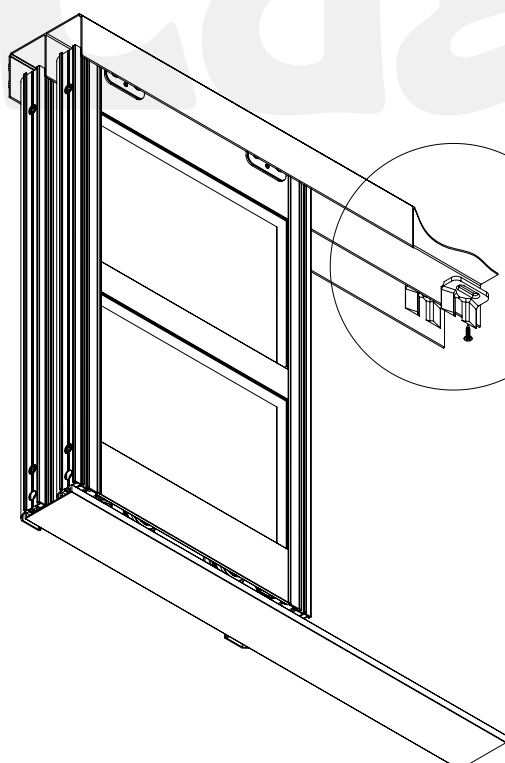
Montaż pozycjonerów w torach / Mounting of stoppers in the tracks

Widok z wnętrza szafy / View from inside the wardrobe

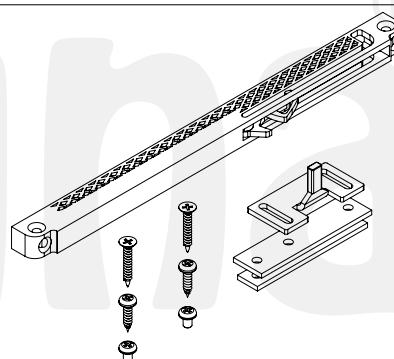
Prawa / Right



Lewa / Left



Sprawdź inne rozwiązanie u naszego doradcy
Check out different solution with our consultant



Zaleca się postępowanie zgodnie z niniejszą instrukcją przy użyciu odpowiednich narzędzi, zgodnych ze wskazaniami. W przypadku elementów, których powierzchnia może być ostra należy stosować środki ochrony indywidualnej oraz zabezpieczenie obszaru pracy. Firma Laguna Fabryka Okuć uchyliła się od odpowiedzialności za działania wynikające z postępowania niezgodnego z niniejszą instrukcją.

It is recommended that you follow these instructions using the appropriate tools as indicated. In the case of elements whose surface can be sharp, use personal protective equipment and work area protection. The company Laguna Hardware Factory refrains from liability for actions resulting from conduct incompatible with this instruction.

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