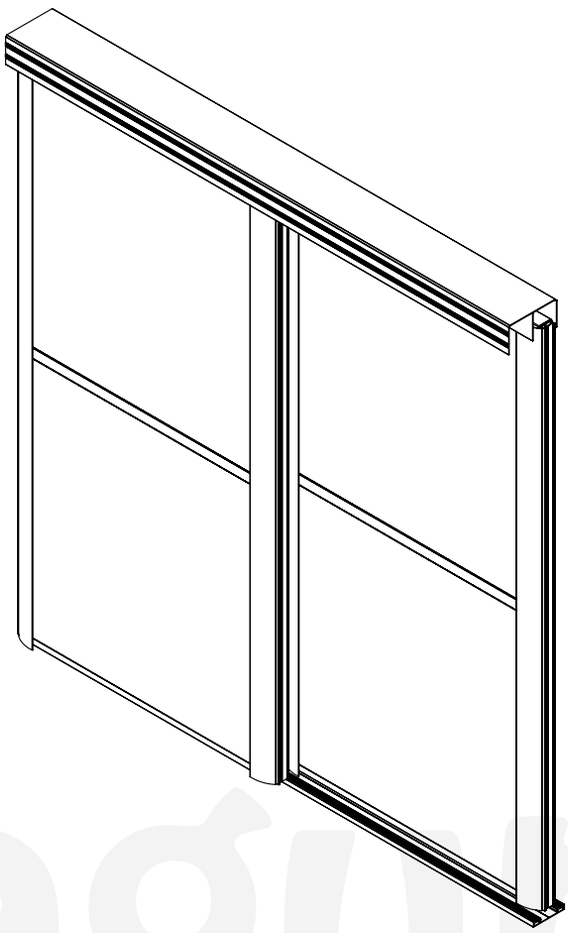
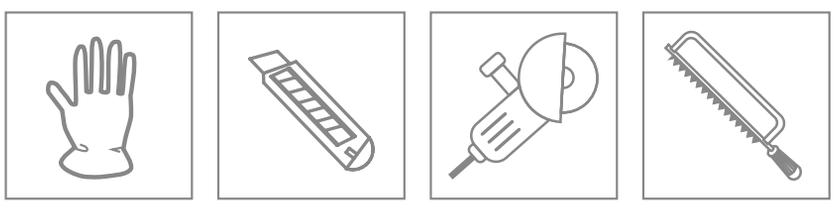
INSTRUKCJA MONTAŻU / RĄCZKI NIESYMETRYCZNE
PŁYTA 16,18,19 mm - na ceownikach

Assembly manual board 16/18/19 mm on C - profile / asymetrical handles

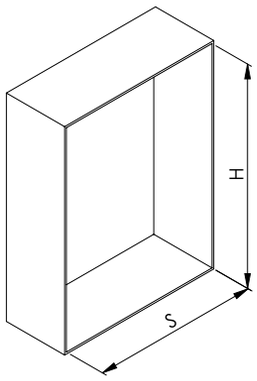


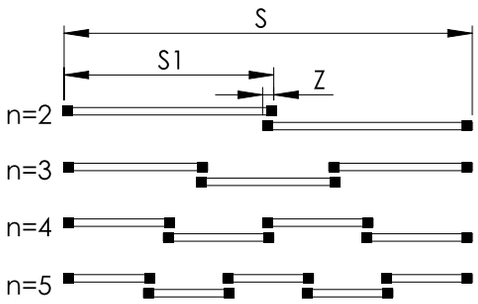
DO POPRAWNEGO MONTAŻU POTRZEBUJESZ NARZĘDZI:
FOR CORRECT ASSEMBLY YOU NEED TOOLS:

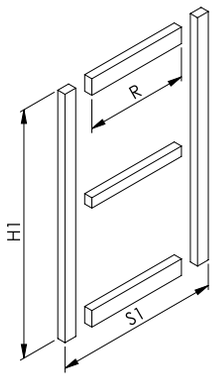


Zestaw wierteł: Drills set:	ø2 - ø10
Zestaw bitów: Bits set:	
Komplet imbusów: Allen keys set:	3

Płyta 16 mm / Board 16 mm







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

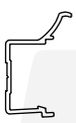
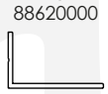
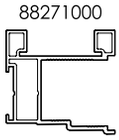
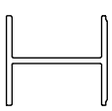
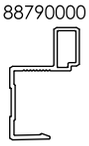
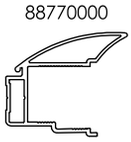
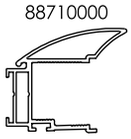
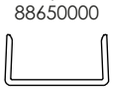
n- liczba skrzydeł przyjęta do obliczeń ;
n – number of door leaves that are calculated

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

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

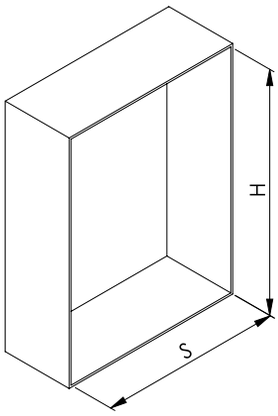
S1- szerokość całkowita gotowego skrzydła;
S1 – total width of finished door leaf

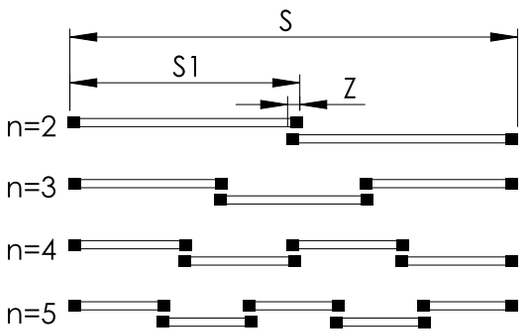
* wszystkie wymiary podane są w **mm**
* all dimensions are in mm

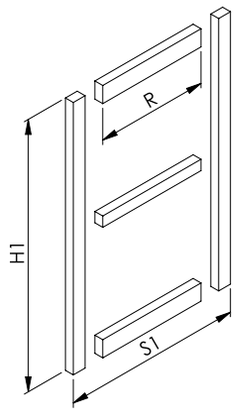
Rodzaj rączki Handle type		**Szerokość skrzydła - S1** Width of door leaf – S1	**Wysokość skrzydła - H1** **(długość profili pionowych)** Height of door – H1 (lenght of vertical profiles)		**Długość profili poziomych - R** Lenght of horizontal profiles – R	
Zakładka Overlap	**Z**	Liczba skrzydeł - **n** Quantity of door leaves - n	Tor RAMA Rama track	Tor GAMA Gama track		
HINT 8807000 	17	**n=2** S1=(S+Z)/2	H1=H-40 	H1=H-47 	R=S1-20	PROFIL C-16 CEOWNIK C-16 profile 88650000 
OMEGA R-16 88990000 	28				R=S1-56,2	KĄTOWNIK L10/16 L10/16 angle profile 88620000 
ETA WIDE 88271000 	30	**n=3** S1=(S+2xZ)/3			R=S1-55	ŁĄCZNIK H16/16 H16/16 connector 88150000 
MODERN R-16 88790000 	18	**n=4** S1=(S+3xZ)/4			R=S1-30,6	TEOWNIK T-profile 88510000 
MULTIOMEGA 88770000 	35	**n=5** S1=(S+4xZ)/5			R=S1-48,6	KĄTOWNIK L10/16 L10/16 angle profile 88620000 
MULTIOMEGA WIDE 88710000 					R=S1-47,5	PROFIL C-16 CEOWNIK C-16 profile 88650000 

Laguna®
POLSKA FABRYKA OKUĆ
POLISH HARDWARE FACTORY

Płyta 18 mm / Board 18 mm







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

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

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

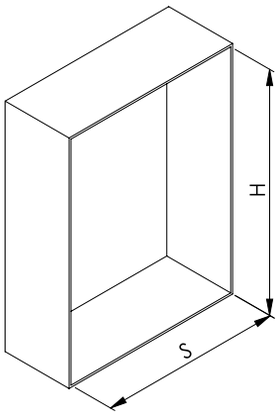
H1 - wysokość całkowita gotowego skrzydła;
H1 – total height of finished door leaf

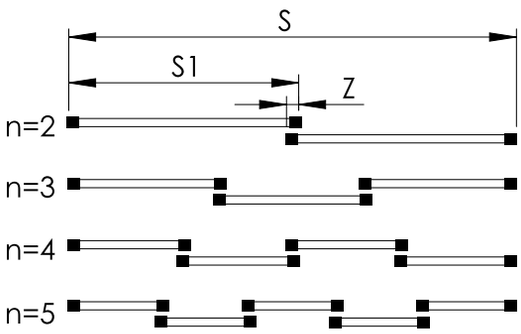
S1- szerokość całkowita gotowego skrzydła;
S1 – total width of finished door leaf

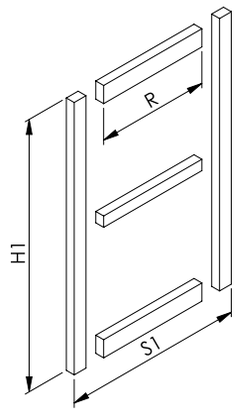
* wszystkie wymiary podane są w **mm**
* all dimensions are in mm

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		
OMEGA R18 88860000	28	**n=2** S1=(S+Z)/2 **n=3** S1=(S+2xZ)/3	H1=H-40	H1=H-47	R=S1-53	PROFIL C-18 CEOWNIK C-18 profile 88660000
OMEGA R18 BRUSH 88270000					R=S1-53	KĄTOWNIK OZDOBNY L10/20 L10/20 decorative angle profile 88640000
ETA WIDE 88271000	30				R=S1-55	ŁĄCZNIK DOMUS Domus connecting profile 88180000
MODERN WIDE 88730000	18	**n=4** S1=(S+3xZ)/4			R=S1-30,6	TEOWNIK T-profile 88510000
MODERN 88720000		**n=5** S1=(S+4xZ)/5			R=S1-30,6	KĄTOWNIK L10/20 L10/20 angle profile 88910000 PROFIL C-18 CEOWNIK C-18 profile 88660000

Płyta 18 mm / Board 18 mm







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

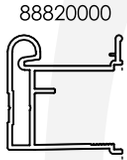
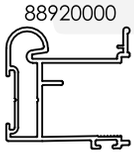
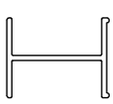
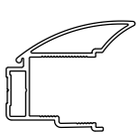
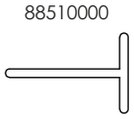
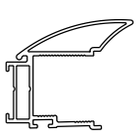
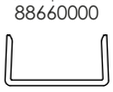
H1 - wysokość całkowita gotowego skrzydła;
H1 – total height of finished door leaf

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

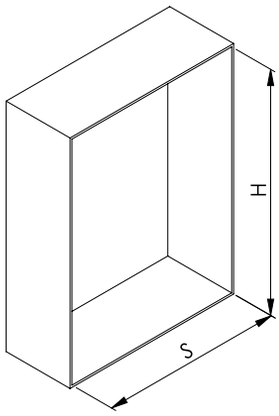
S1- szerokość całkowita gotowego skrzydła;
S1 – total width of finished door leaf

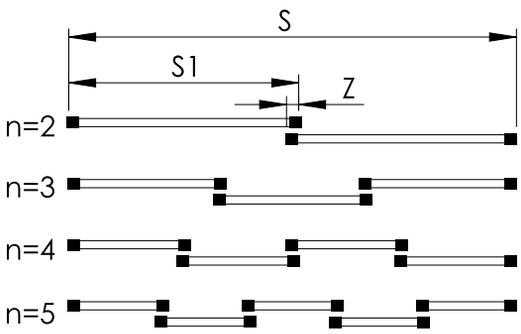
R - długość profili poziomych;
R – lenght of horizontal profiles

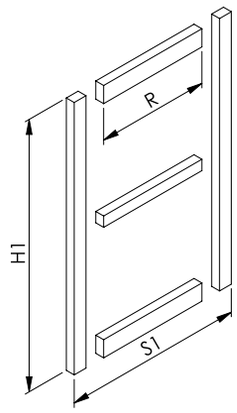
* wszystkie wymiary podane są w **mm**
* all dimensions are in mm

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		
RAMA 88820000 	34	**n=2** S1=(S+Z)/2	H1=H-40 	H1=H-47 	R=S1-52	PROFIL C-18 CEOWNIK C-18 profile 88660000  KĄTOWNIK OZDOBNY L10/20 L10/20 decorative angle profile 88640000 
RAMA WIDE 88920000 		**n=3** S1=(S+2xZ)/3			R=S1-56,4	ŁĄCZNIK DOMUS Domus connecting profile 88180000 
MULTIOMEGA 88770000 	35	**n=4** S1=(S+3xZ)/4			R=S1-48,6	TEOWNIK T-profile 88510000  KĄTOWNIK L10/20 L10/20 angle profile 88910000 
MULTIOMEGA WIDE 88710000 		**n=5** S1=(S+4xZ)/5			R=S1-47,5	PROFIL C-18 CEOWNIK C-18 profile 88660000 

Płyta 19 mm / Board 19 mm







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

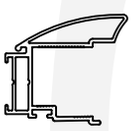
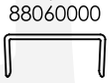
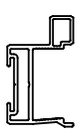
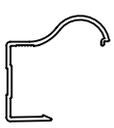
H1 - wysokość całkowita gotowego skrzydła;
H1 – total height of finished door leaf

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

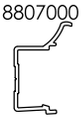
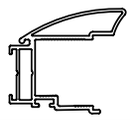
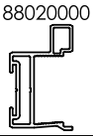
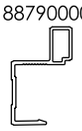
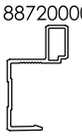
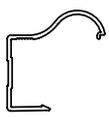
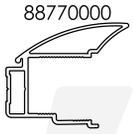
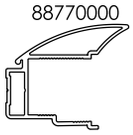
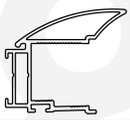
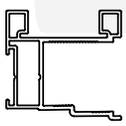
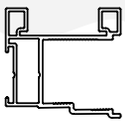
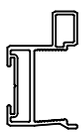
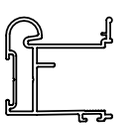
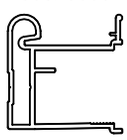
* wszystkie wymiary podane są w **mm**
* all dimensions are in mm

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 WIDE R-19 88010000 	35	**n=2** S1=(S+Z)/2			R=S1-47,5	PROFIL CEOWNIK C-19 C-19 profile 88060000 
MODERN WIDE R-19 88020000 	18	**n=3** S1=(S+2xZ)/3	H1=H-40 	H1=H-47 	R=S1-30,6	
OMEGA R-19 88960000 	28	**n=4** S1=(S+3xZ)/4 **n=5** S1=(S+4xZ)/5			R=S1-53,4	PROFIL ŁĄCZNIK H-19 H-19 connecting profile 88050000 

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	Płyta 16 mm Board 16 mm	Rodzaj rączki Handle type	Płyta 18 mm Board 18 mm	Rodzaj rączki Handle type	Płyta 19 mm Board 19 mm
HINT 8807000 	Bp=S1-2,6	OMEGA R18 88860000 	Bp=S1-2,8	MULTIOMEGA WIDE R-19 88010000 	Bp=S1-27,6
OMEGA R-16 88990000 	Bp=S1-2,8	OMEGA R18 BRUSH 88270000 	Bp=S1-5,8	MODERN WIDE R-19 88020000 	Bp=S1-13,8
MODERN R-16 88790000 	Bp=S1-2,6	MODERN 88720000 	Bp=S1-2,6	OMEGA R-19 88960000 	Bp=S1-2,8
MULTIOMEGA 88770000 	Bp=S1-12,6	MULTIOMEGA 88770000 	Bp=S1-28,6		
MULTIOMEGA WIDE 88710000 	Bp=S1-14,6	MULTIOMEGA WIDE 88710000 	Bp=S1-27,6		
ETA WIDE 88271000 	Bp=S1-19	ETA WIDE 88271000 	Bp=S1-35		
		MODERN WIDE 88730000 	Bp=S1-13,8		
		RAMA WIDE 88920000 	Bp=S1-27,6		
		RAMA 88820000 	Bp=S1-23,2		

Obliczanie wysokości wypełnienia / Filling height calculations

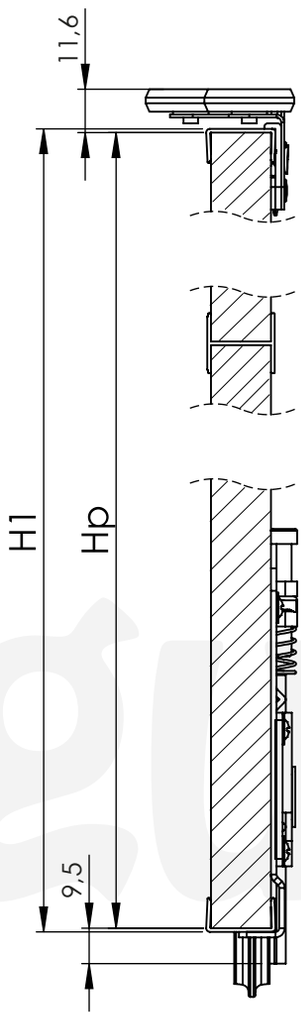
H1 - wysokość całkowita gotowego skrzydła
H1 – total height of finished door leaf

Hp - wysokość płyty
Hp – board height

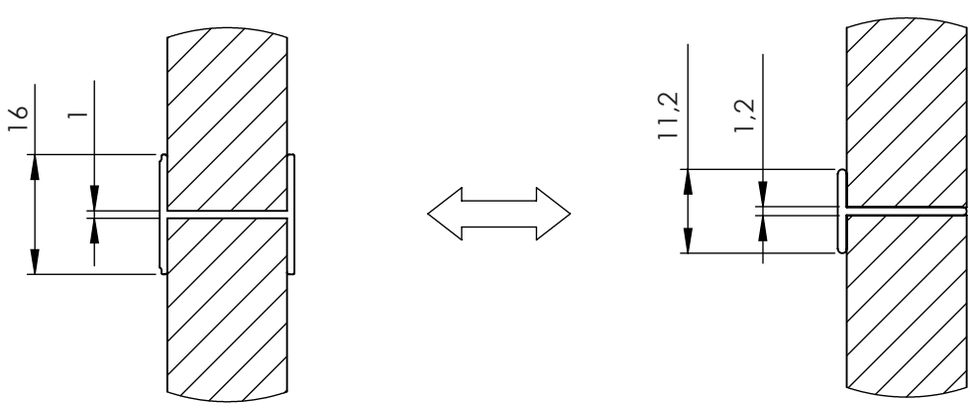
Płyta/Board

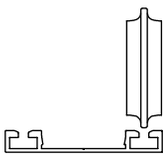
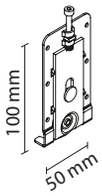
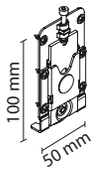
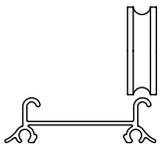
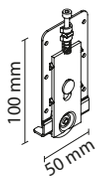
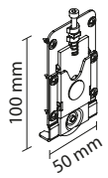
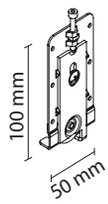
PŁYTA 16,18,19 MM / Board 16, 18, 19 mm

Hp=H1-2



Informacje dodatkowe przy podziale skrzydła przy użyciu profilu łączącego
Additional information on separating the door leaf with a connecting profile



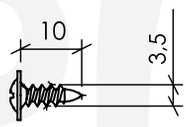
Rodzaj Toru Track type	**Wybór typu okucia dolnego** / Lower hardware type selection Okucia są ze sobą wymienne Hardwares are interchangeable		
	 SPRING RAMA 88810100	 SPRINART RAMA 88811200	
	 SPRING GAMA 88811100	 SPRINART GAMA 88811300	 SLIM 88800000

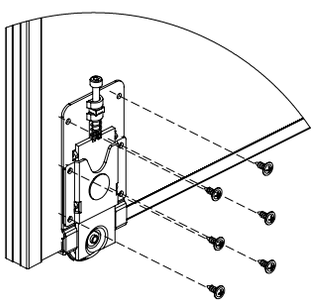
Frezowanie otworów pod okucia / Hole milling for the hardware

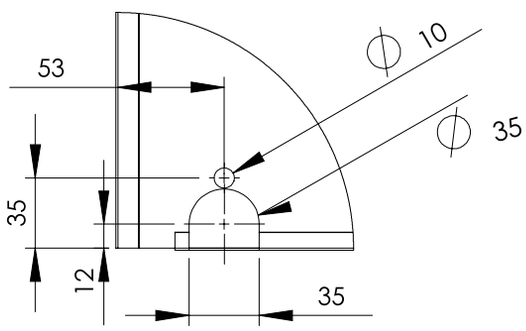
Rekomendowane wkręty przy okuciach dolnych / Recommended screws for bottom hardwares

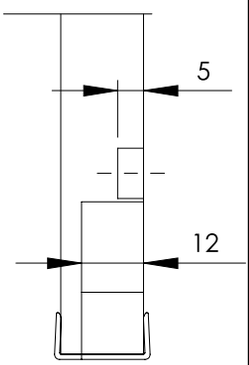
Montaż pozostałych okuć / Mounting other hardwares

Wkręt / Screw U-P-3,5x10-PH-O-B-5.8-0

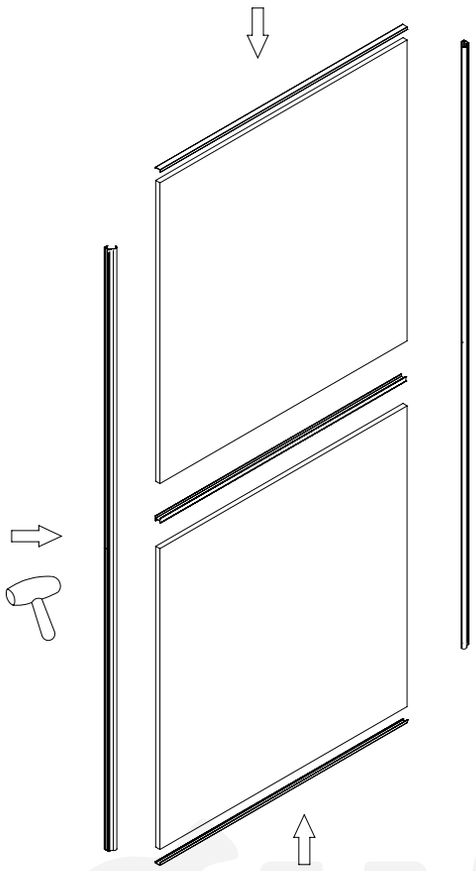


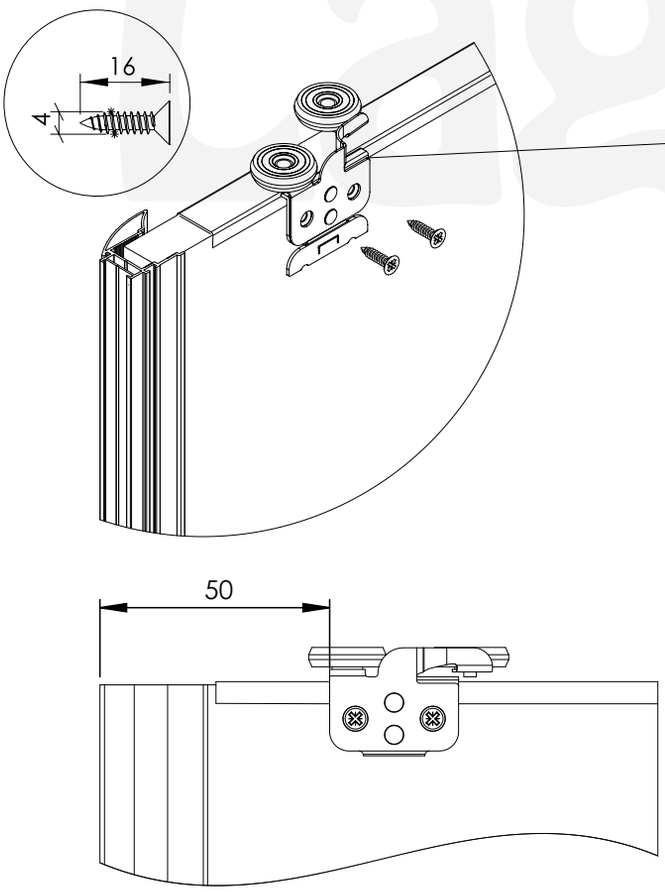


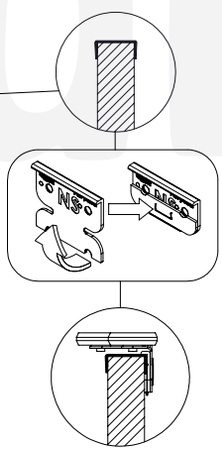


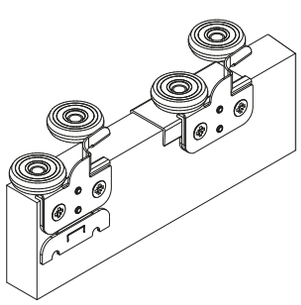


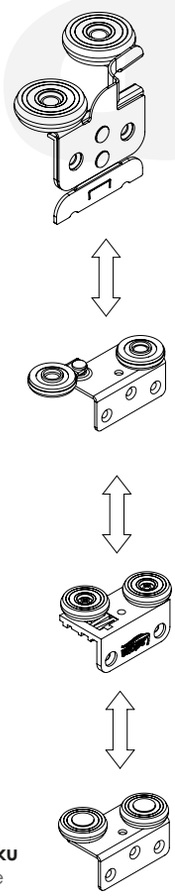
Składanie skrzydła - płyta 16/18/19mm / Door leaf assembly - board 16/18/19 mm







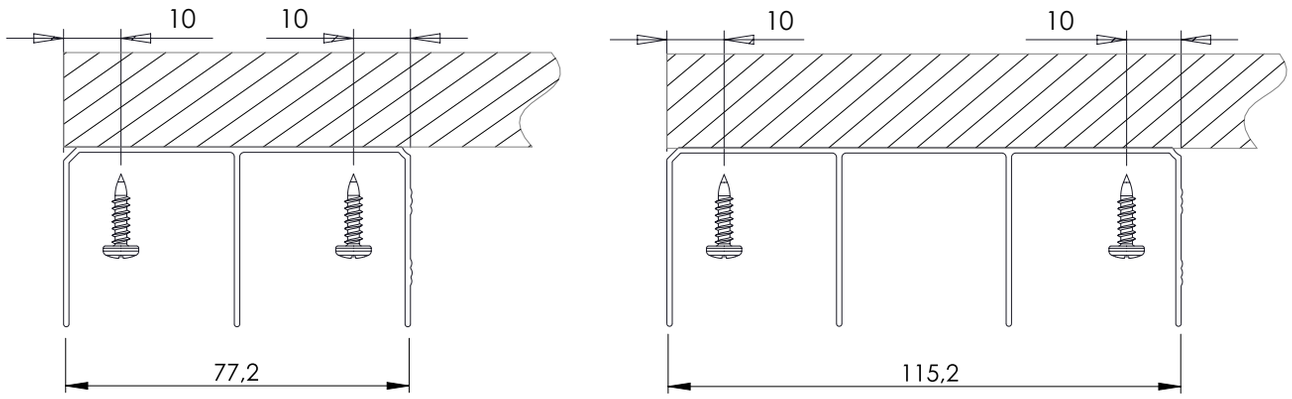




Możliwe mocowanie na płycie lub na ceowniku
Possible mounting on a board or on a C-profile

Montaż torów górnych / Mounting of upper tracks

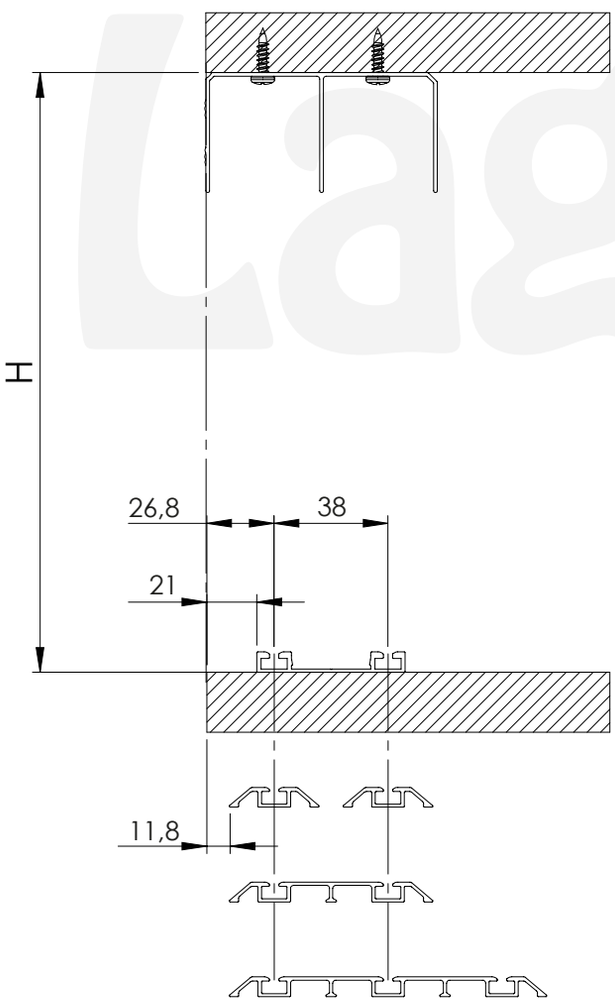
(przekrój poprzeczny) / (cross section)



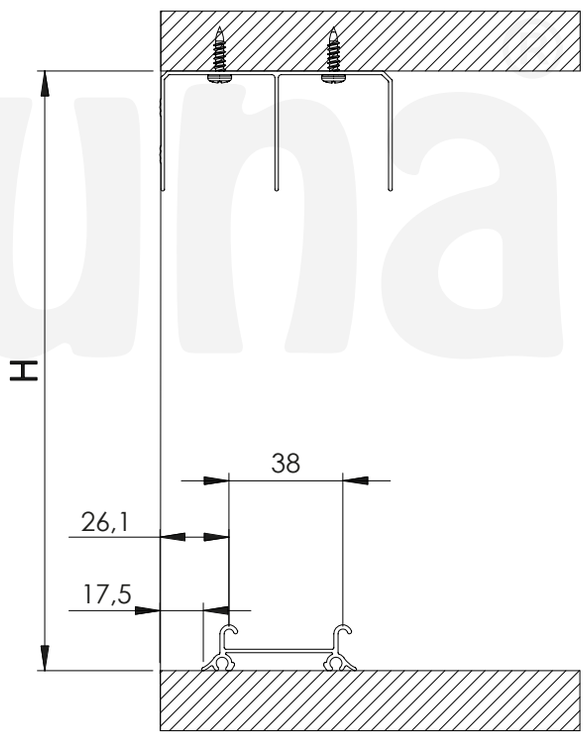
Orientacja względem toru górnego

Position relative to the upper track

TORY RAMA / Rama tracks



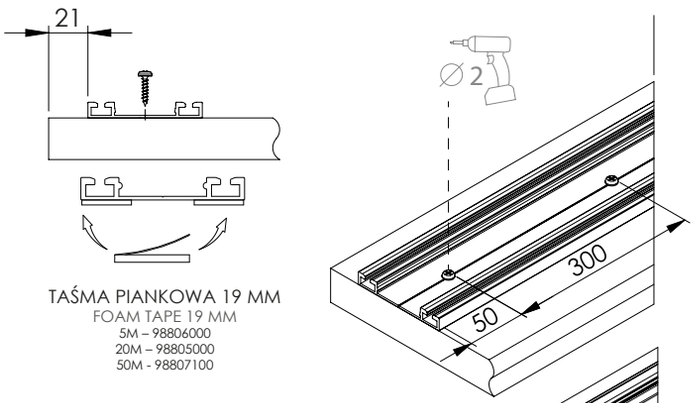
TOR GAMA / Gama track



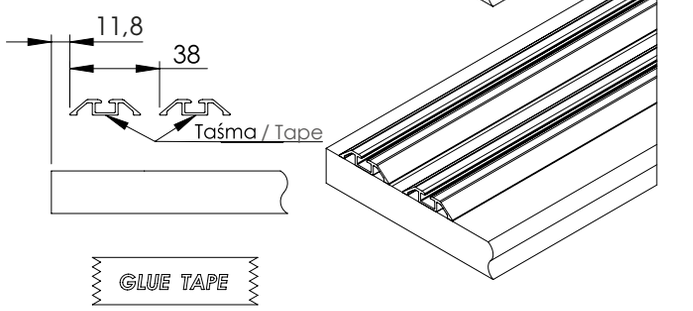
Laguna® POLSKA FABRYKA OKUĆ POLISH HARDWARE FACTORY

Montaż torów dolnych / Mounting of lower tracks

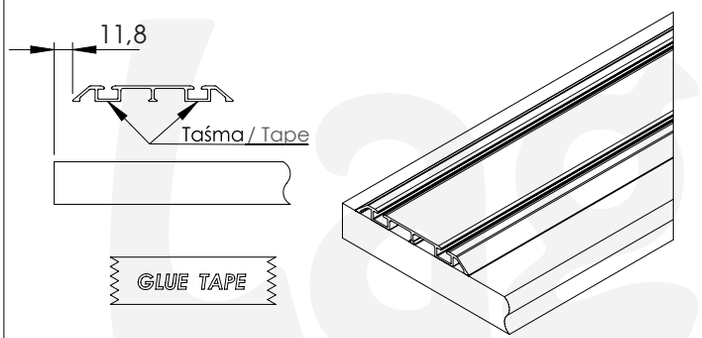
TORY RAMA / Rama tracks



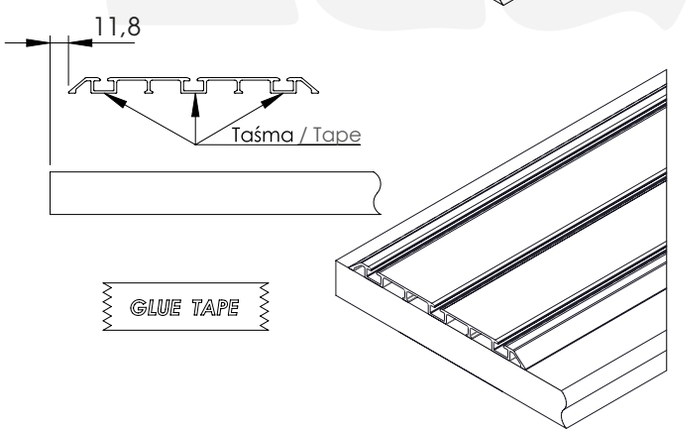
TAŚMA PIANKOWA 19 MM
FOAM TAPE 19 MM
5M – 98806000
20M – 98805000
50M - 98807100



GLUE TAPE

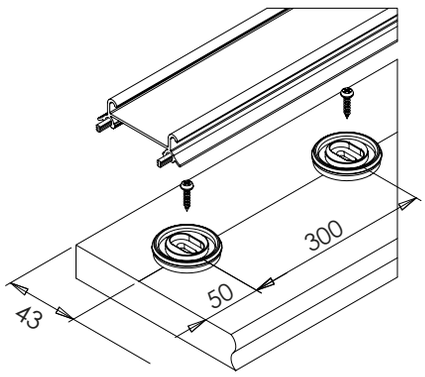


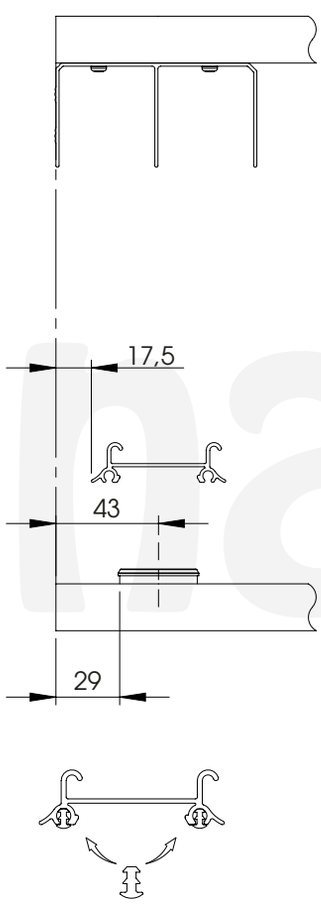
GLUE TAPE



GLUE TAPE

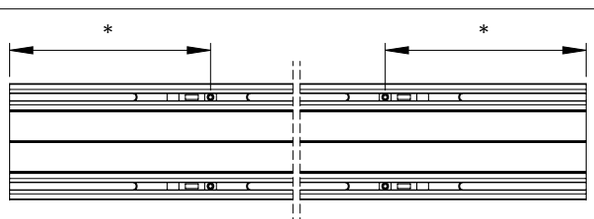
TOR GAMA / Gama track





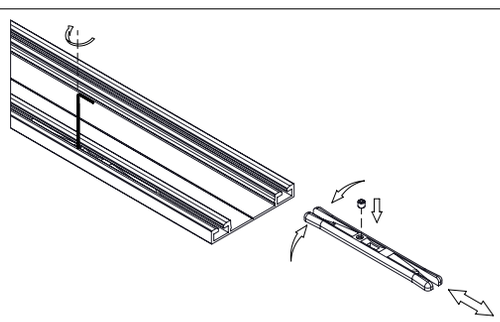
USZCZELKA ULL-01
ULL-01 seal
51340000

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



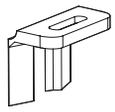
* Odległość stopera ustawić tak, by skrzydło domykało się do brzegu korpusu po umiejscowieniu oponki okucia w cylindrycznej części stopera.

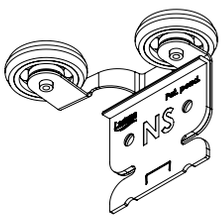
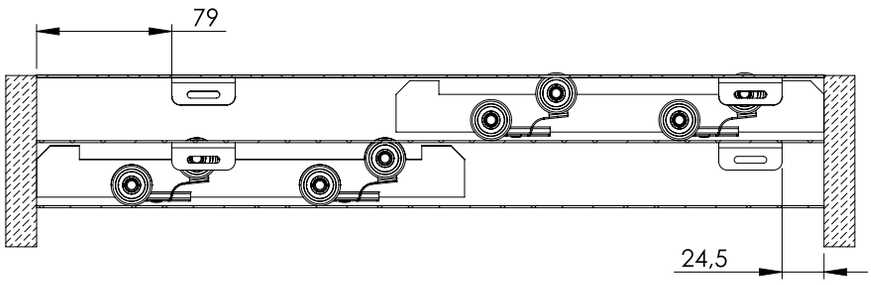
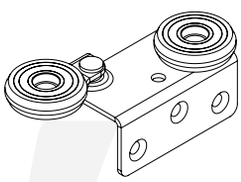
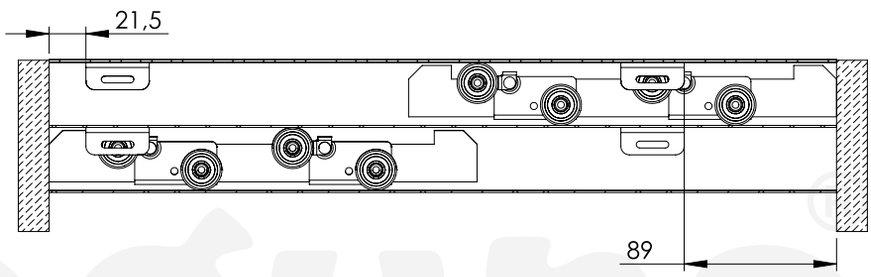
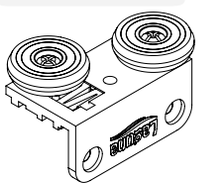
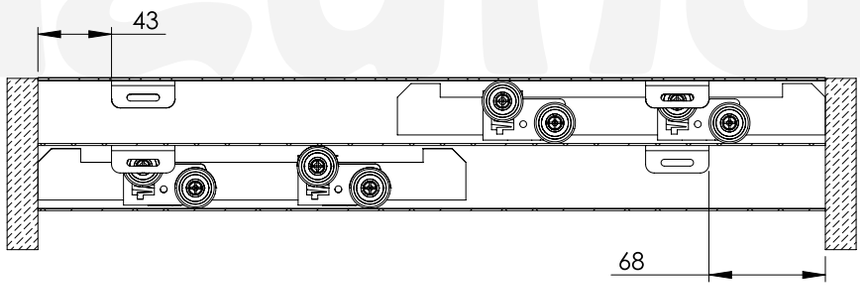
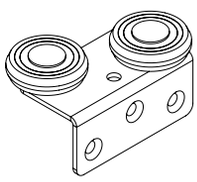
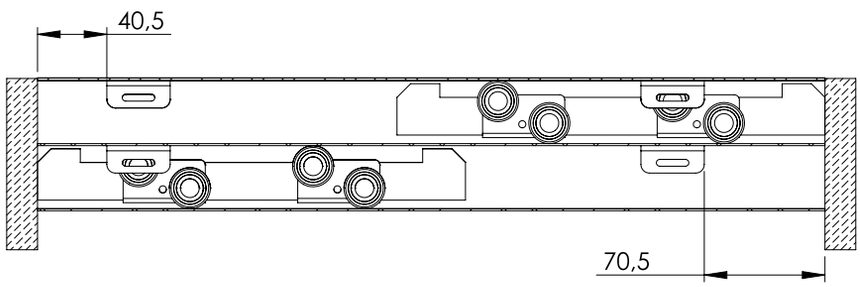
* Set the stopper distance so that the door leaf is closing to the edge, after placing the bearing of the hardware in the cylindrical part of the softcloser.



Montaż pozycjonerów SOLID / Mounting of SOLID guides

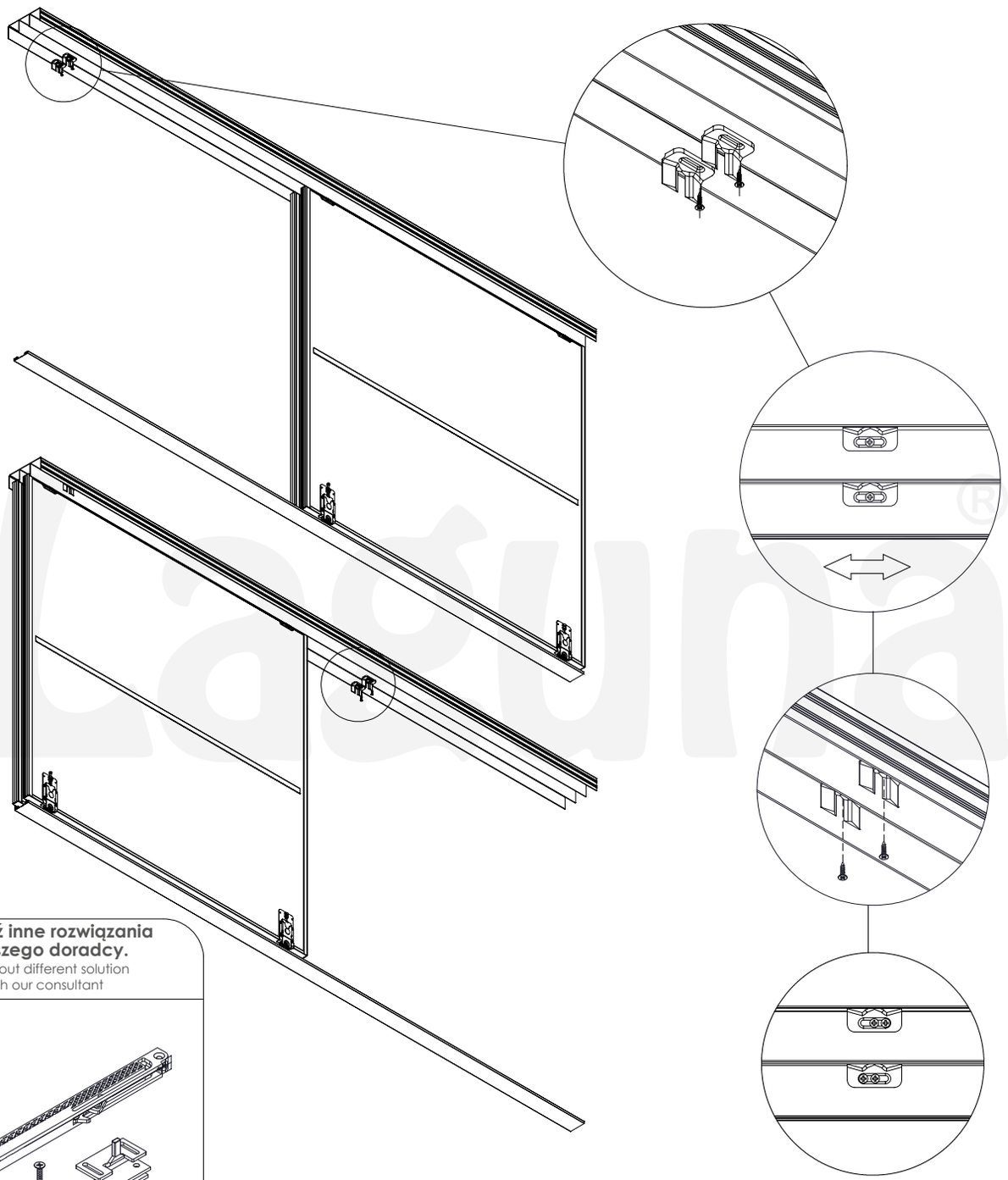
w zależności od wybranego rodzaju prowadnika / depending on chosen type



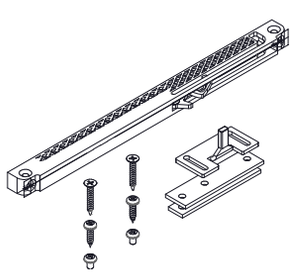
Rodzaj prowadnika / Guide type	Wymiary montażowe / Mounting dimensions
	
	
	
	

Montaż pozycjonerów w torach / Mounting of stoppers in the tracks

Widok z wnętrza szafy / View from inside the wardrobe



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



2209

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 uchyla 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.