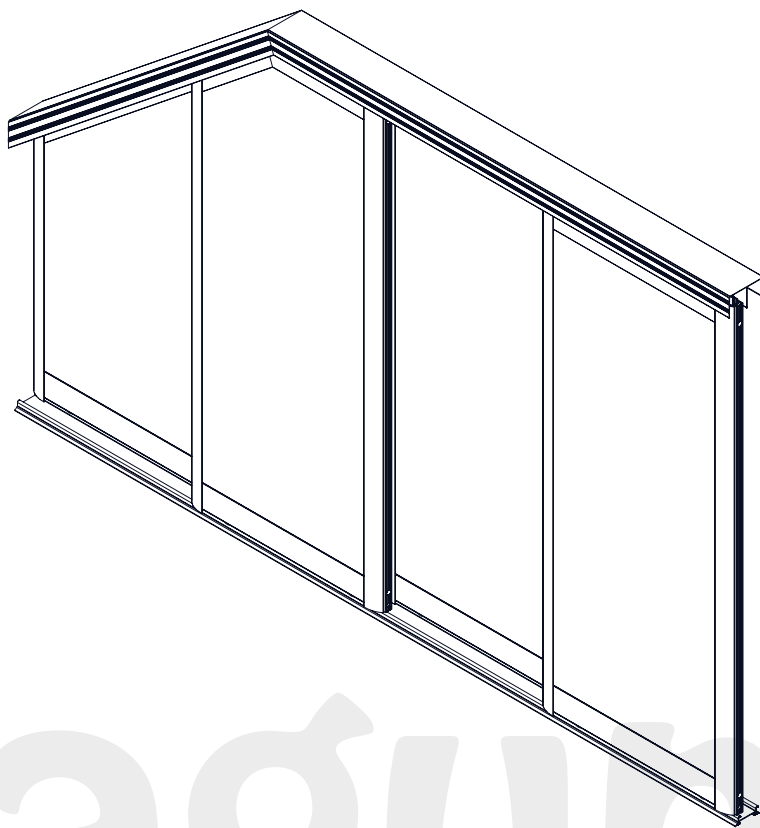
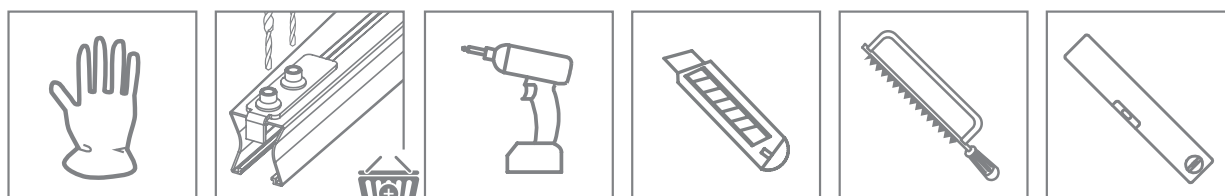
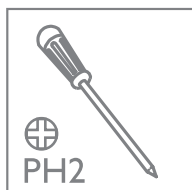




DO POPRAWNEGO MONTAŻU POTRZEBUJESZ NARZĘDZI:
FOR CORRECT ASSEMBLY YOU NEED TOOLS:



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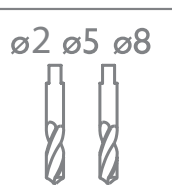


Zestaw wiertel:

Drills set:



Ø2



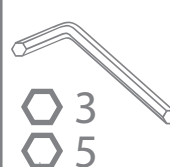
Zestaw bitów:

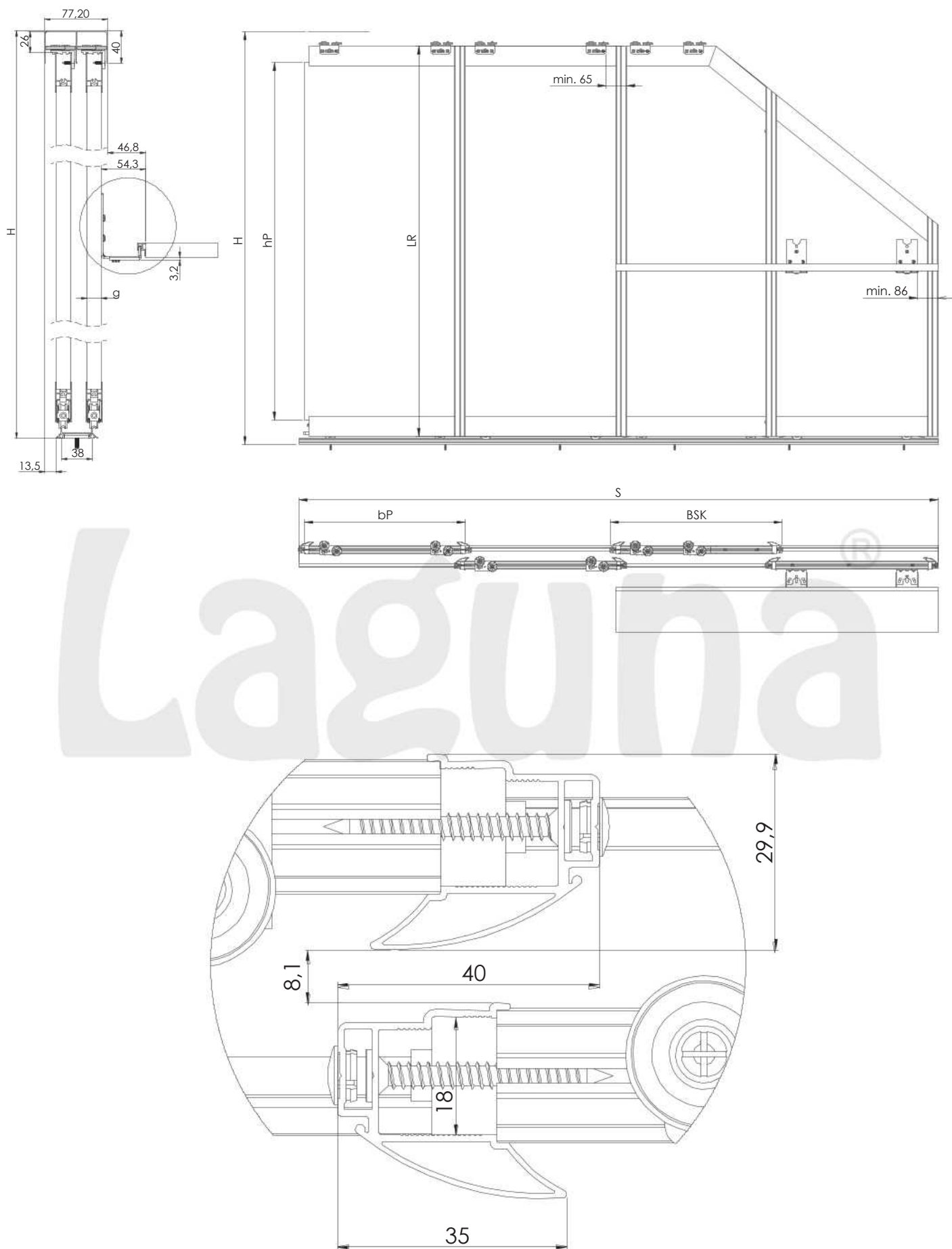
Bits set:



Komplet imbusów:

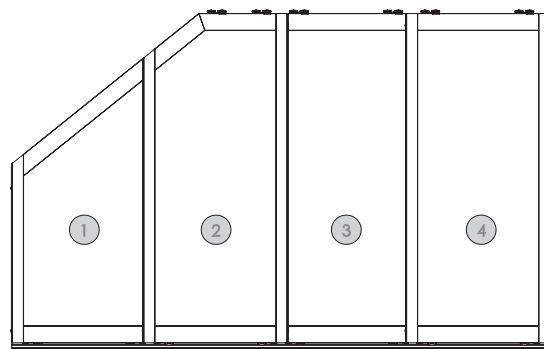
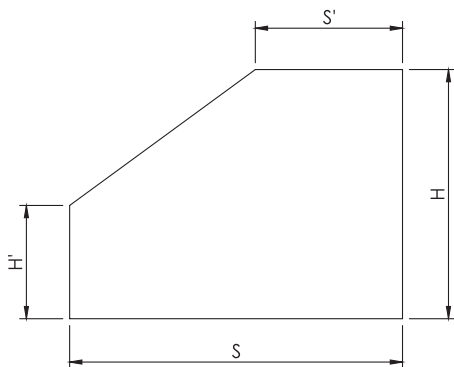
Allen set:





Obliczanie niezbędnych wielkości do zbudowania skrzydeł szafy

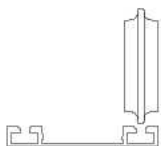
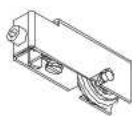
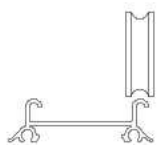
Obliczanie niezbędnych wielkości do zbudowania skrzydeł szafy

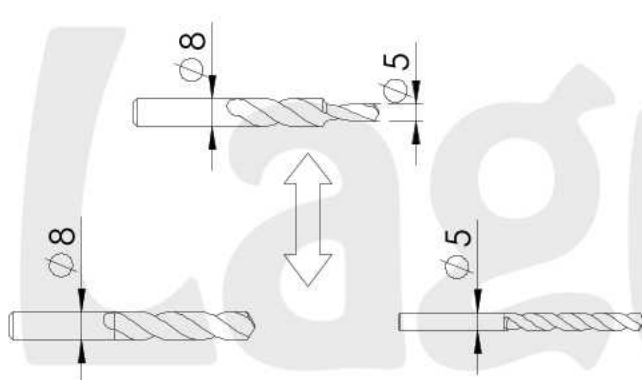
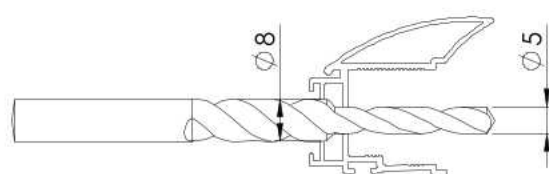


	Kąt ostry pomiędzy pionem a skosem ściany α [°] Acute angle between the vertical and slant wall α [°] Długość toru górnego LT [mm] Track length [mm] Długość toru dolnego LS [mm] Rail length [mm]	$\alpha = \arctg \frac{S-S'}{H-H'} \cdot \frac{180}{\pi}$ $LT = S'$ $LT' = LT - \frac{40}{\operatorname{tg} ((90+\alpha)/2)}$ $LTs'' = \frac{H-H'}{\cos \alpha}$ $LTs = LTs'' + 40 \cdot \operatorname{tg} (90-\alpha)$ $LTs' = LTs - \frac{40}{\operatorname{tg} ((90+\alpha)/2)}$ $LS = S$						
<table><tr><th>Rodzaj toru: /track type:</th><th>HT</th></tr><tr><td>Tor Rama /track rama</td><td>40</td></tr><tr><td>Tor Gama /track gama</td><td>47</td></tr></table>	Rodzaj toru: /track type:	HT	Tor Rama /track rama	40	Tor Gama /track gama	47	Szerokość skrzydła BSK [mm] Width of door leaf [mm] Kąt ostry pomiędzy pionem a skosem ściany α [°] Acute angle between the vertical and slant wall α [°] Długość rączki LR₁ [mm] Length of handle [mm] Długość ramiaka R₁ [mm] Length of vertical profile [mm] Szerokość płyty bP₁ [mm] Board width [mm] Wysokość płyty hP₁ [mm] Board height [mm] Długość szyny K-021 [mm] Board length K-021 [mm]	$BSK = \frac{S+120}{4}$ $\alpha = \arctg \frac{S-S'}{H-H'} \cdot \frac{180}{\pi}$ $LR_1k' = H' - HT$ $LR_1k = LR_1k' + \frac{35}{\operatorname{tg} \alpha}$ $LR_1d = LR_1k' + BSK \cdot \operatorname{tg} (90-\alpha)$ $LR_1d' = LR_1d - \frac{35}{\operatorname{tg} \alpha}$ $R_1 = BSK - 48,6$ $R_1s' = \frac{R_1}{\cos (90-\alpha)}$ $R_1s = R_1s' + \frac{48,8}{\operatorname{tg} \alpha}$ $bP_1 = BSK - 28,7$ $hP_1k = LR_1k - \frac{20,7}{\operatorname{tg} \alpha} - \frac{40,4}{\cos (90-\alpha)} - 40,4$ $hP_1d = LR_1d' + \frac{20,7}{\operatorname{tg} \alpha} - \frac{40,4}{\cos (90-\alpha)} - 40,4$ $LSk = BSK1 - BSK2 - 40$
Rodzaj toru: /track type:	HT							
Tor Rama /track rama	40							
Tor Gama /track gama	47							

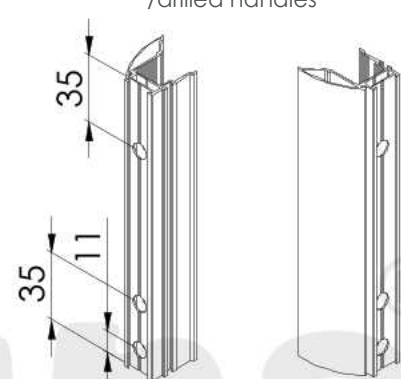
Rodzaj toru: /track type: HT Tor Rama /track rama 40 Tor Gama /track gama 47		Szerokość skrzydła BSK [mm] Width of door leaf [mm] $BSK = \frac{S+120}{4}$
Kąt ostry pomiędzy pionem a skosem ściany α [°] Acute angle between the vertical and slant wall α [°] $\alpha = \arctg \frac{S-S'}{H-H'} \cdot \frac{180}{\pi}$		LR₂d = H - HT Długość rączki LR₂ [mm] Length of handle [mm] $LR_{2k'} = LR_{2d} - 40 \cdot \tg (90-\alpha)$ $LR_{2k} = 35 \cdot \tg (90-\alpha) + LR_{2k'}$
Długość ramiaka R₂ [mm] Length of vertical profile [mm]		$R_{2g} = BSK - (LR_{2d} - LR_{2k'}) \cdot \tg \alpha - 24,3$ $R_{2g'} = R_{2g} - \frac{48,8}{\tg ((90+\alpha)/2)}$ $R_{2s''} = \frac{LR_{2d} - LR_{2k'}}{\cos \alpha} - \frac{24,3}{\cos (90 - \alpha)}$ $R_{2s} = R_{2s''} + 48,8 \cdot \tg (90-\alpha)$ $R_{2s'} = R_{2s} - \frac{48,8}{\tg ((90 + \alpha)/2)}$ $R_2 = BSK - 48,6$
Szerokość płyty bP₂ [mm] Board width [mm]		$bP_2 = BSK - 28,7$ $bP_2' = 10 + R_{2g} - \frac{40,4}{\tg ((90+\alpha)/2)}$
Wysokość płyty hP₂ [mm] Board height [mm]		$hP_{2d} = H - 128$ $hP_{2k} = hP_{2d} - \frac{bP_2 - bP_2'}{\tg \alpha}$
Długość szyny K-021 [mm] Board lenght K-021 [mm]		$LSk = BSK1 - BSK2 - 40$

		Szerokość skrzydła BSK [mm] Width of door leaf [mm] $BSK = \frac{S+120}{4}$
Długość rączki LR [mm] Length of handle [mm]		$LR = H - HT$
Długość ramiaka R [mm] Length of vertical profile [mm]		$R = BSK - 48,6$
Szerokość płyty bP [mm] Board width [mm]		$bP = BSK - 28,7$
Wysokość płyty hP [mm] Board height [mm]		$hP = H - 128$

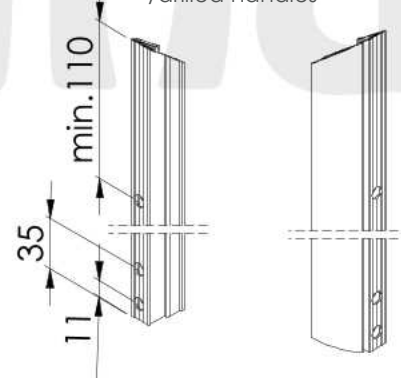
Rodzaj toru	Montaż skrzydeł prostych / Montage of straight leaves	
	 OKUCIE RAMA 88810000 Rama hardware	↔ lub or ↔  OKUCIE MULTI RAM 88817000 Multi Ram hardware
	 OKUCIE RAMA PLUS 88814000 Rama Plus hardware	↔ lub or ↔  OKUCIE MULTI OMEGA 88816000 Multi Omega hardware



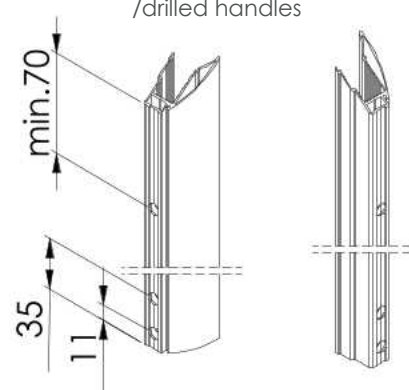
Rączka na skrzydle prostym /drilled handles



Rączka na skrzydle całkowicie skośnym /drilled handles

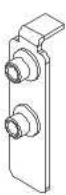


Rączka na skrzydle całkowicie i częściowo skośnym /drilled handles

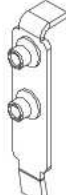


ALUMAT

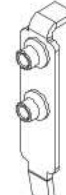
Sprawdź naszą bogatą
gamę szablonów
do nawiercania
Check out our wide range of drilling jigs



ALUMAT 18 mm
106400000

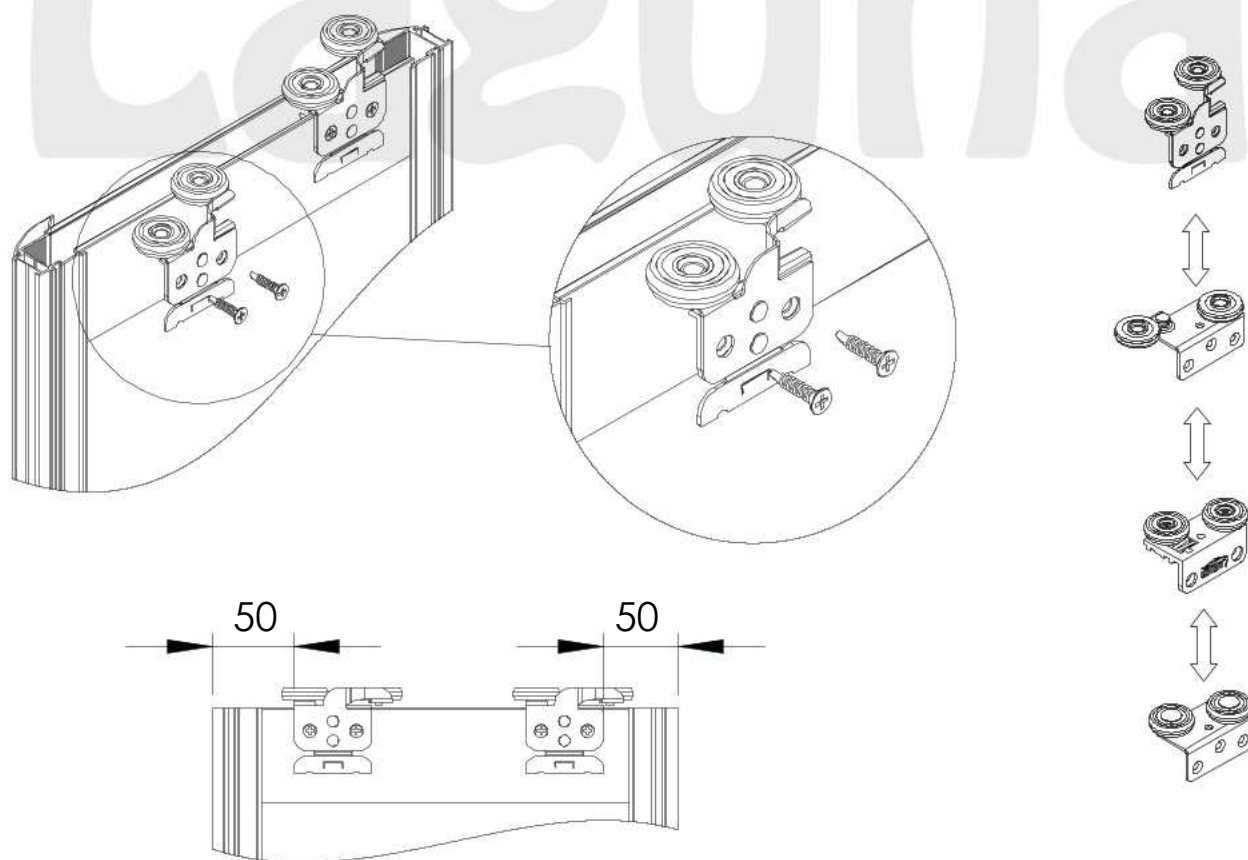
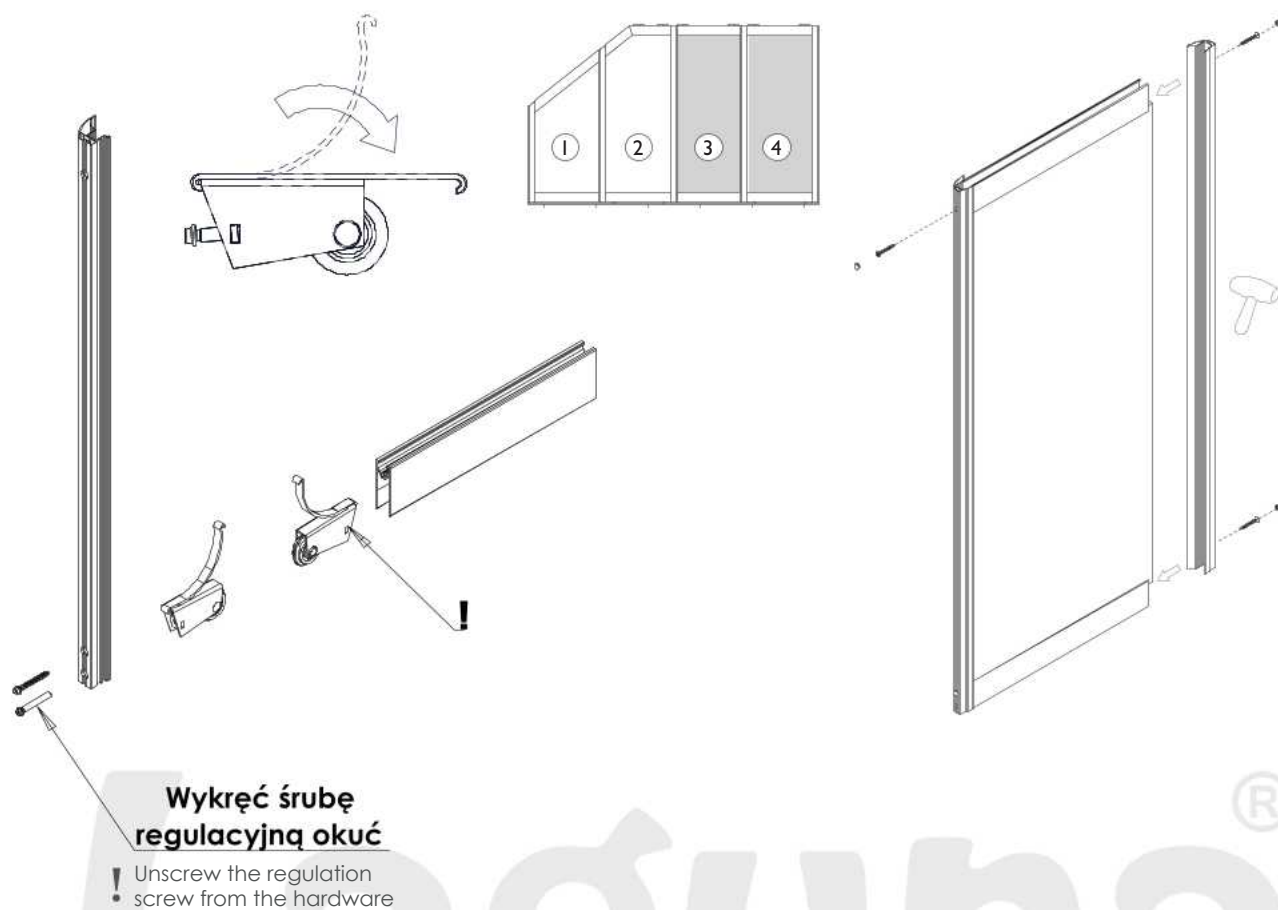


ALUMAT 18 mm
RAMA WIDE
106300000

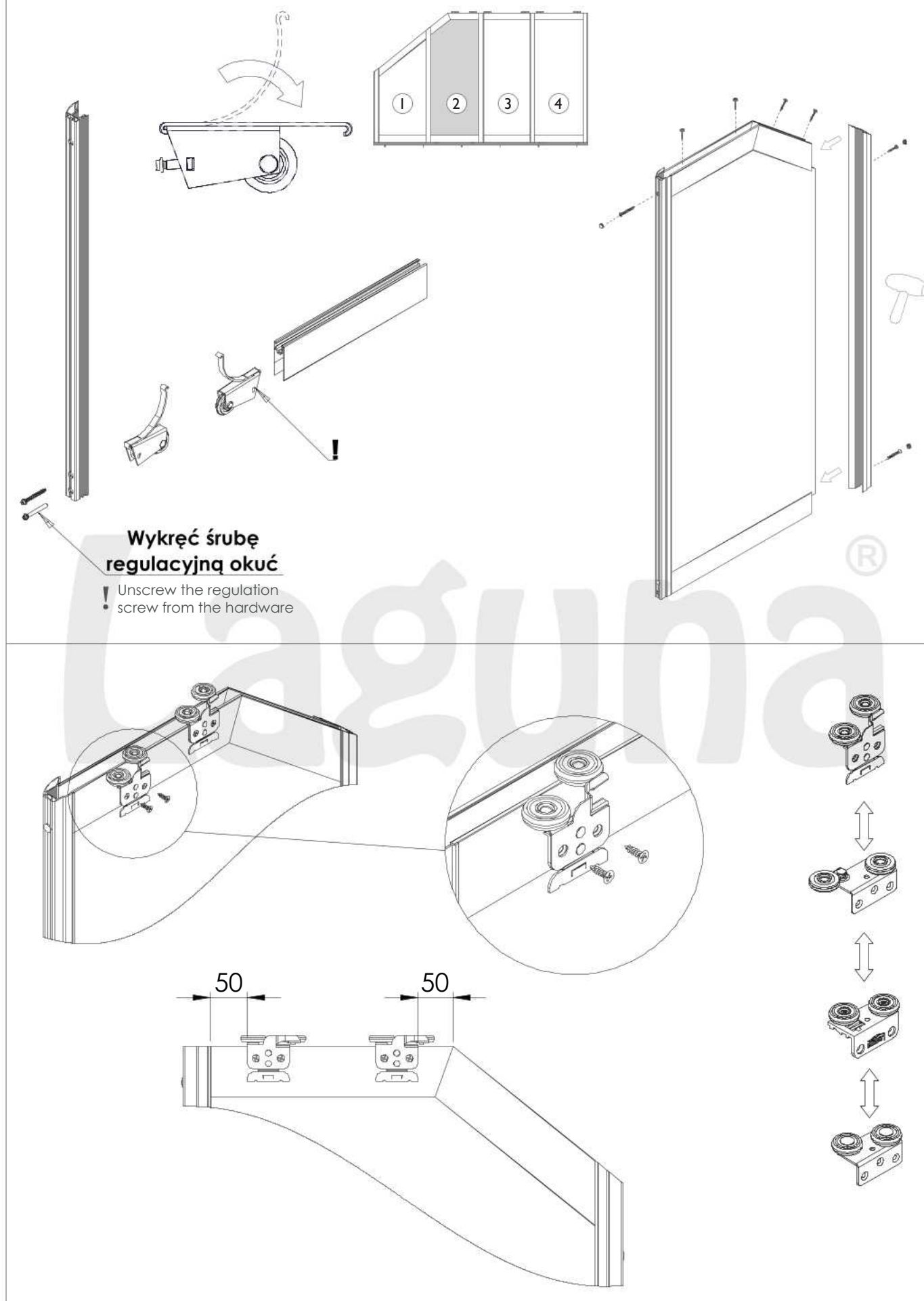


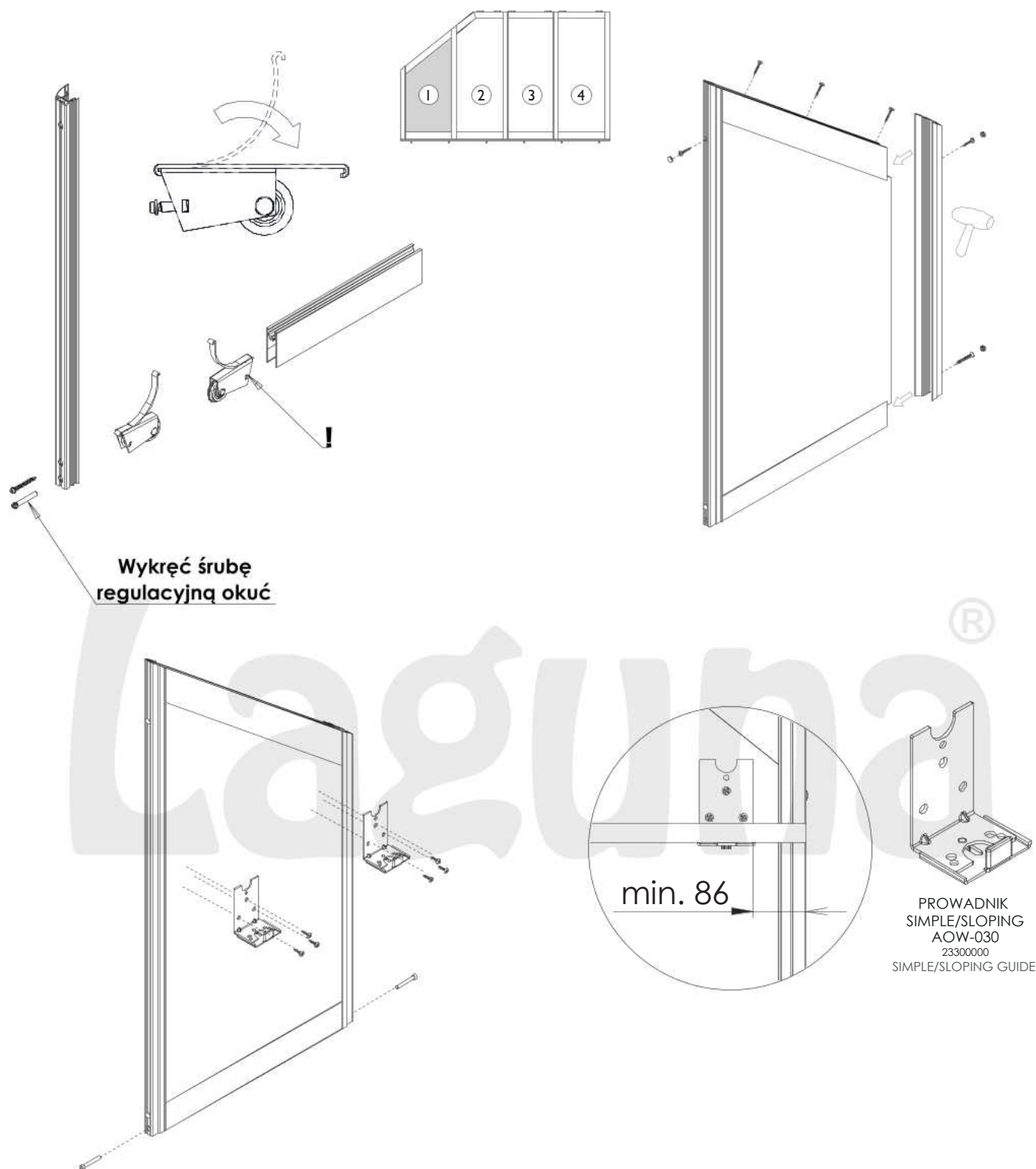
ALUMAT 18 mm
WIDE
106200000

Montaż skrzydeł prostych / Montage of straight leaves

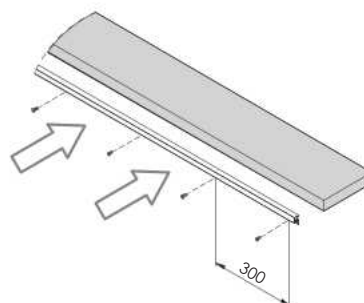
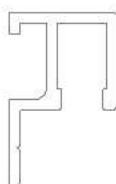


Montaż skrzydeł z częściowym skosem / Montage of leaves with partial slant

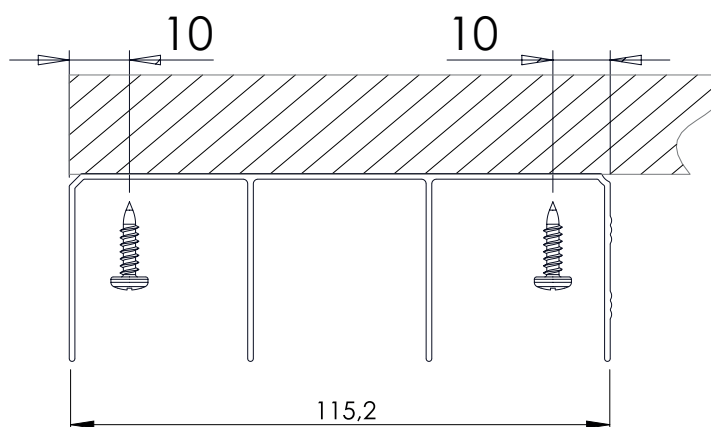
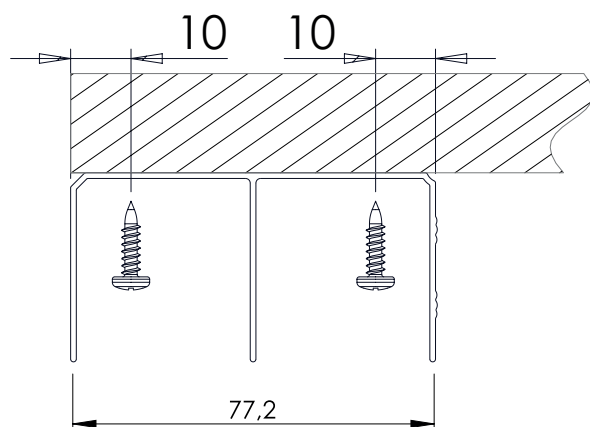




K-021 SZYNA SLOPING ANODOWANA
82100000
K-021 rail SLOPING anodized

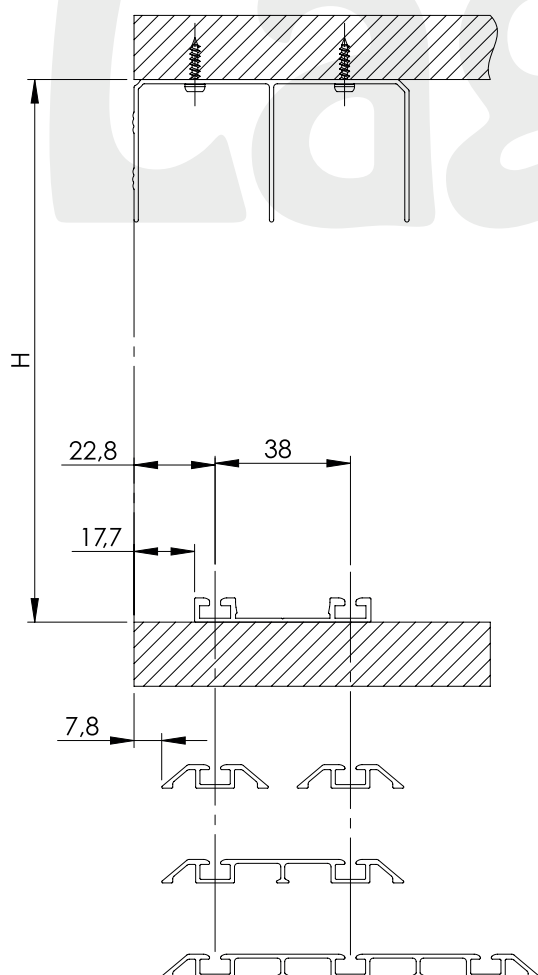


Montaż torów górnych - przekrój poprzeczny / Montage of upper tracks - cross section

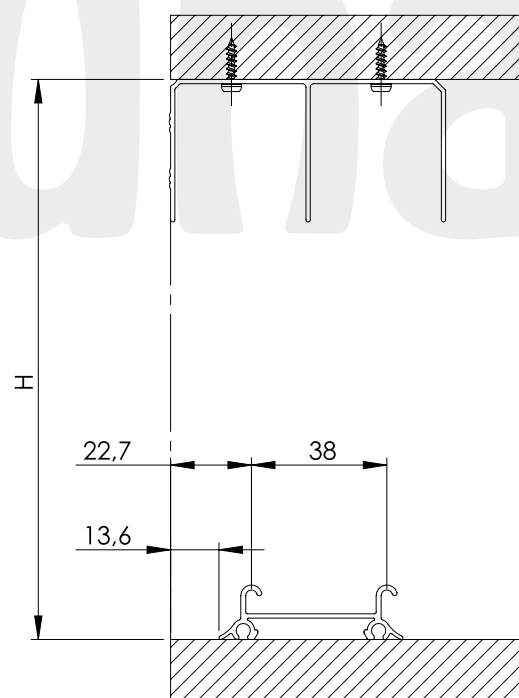


Orientacja względem toru górnego / Positioning in reference to upper track

TORY RAMA / Rama tracks

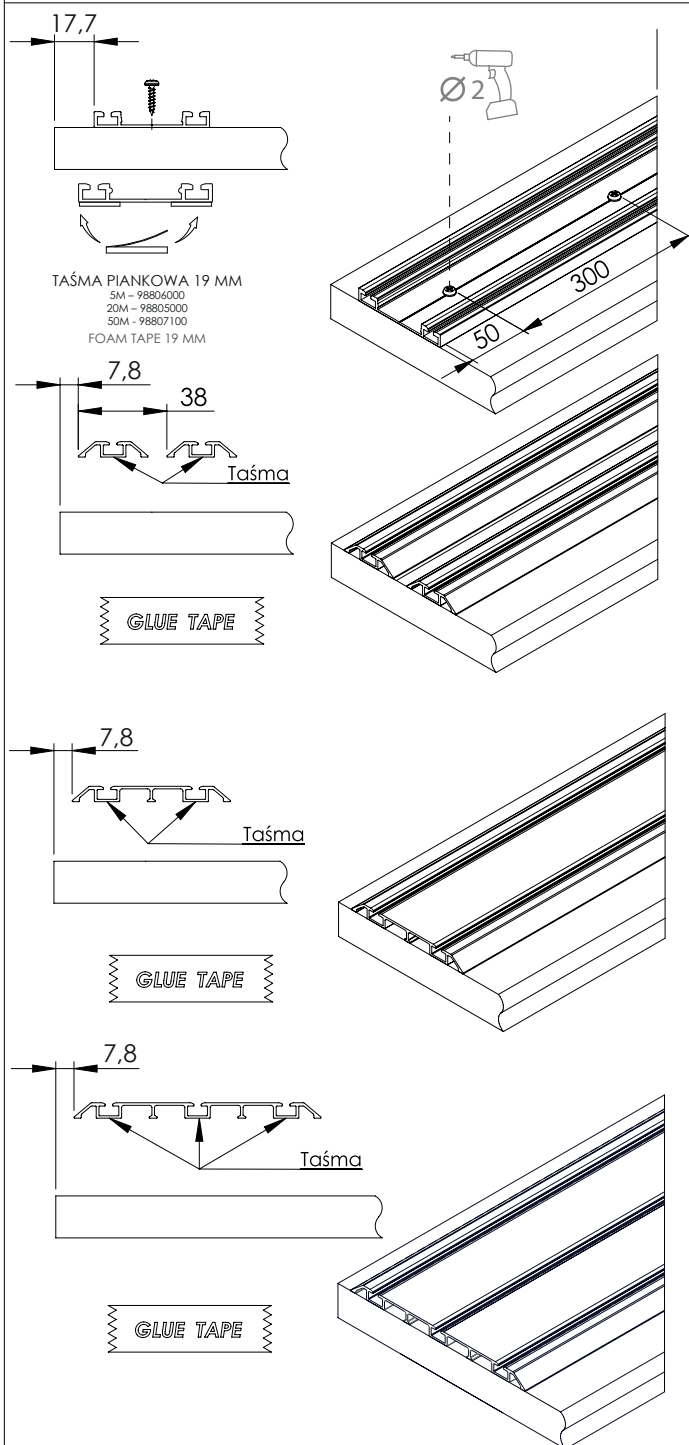


TOR GAMA / Gama track

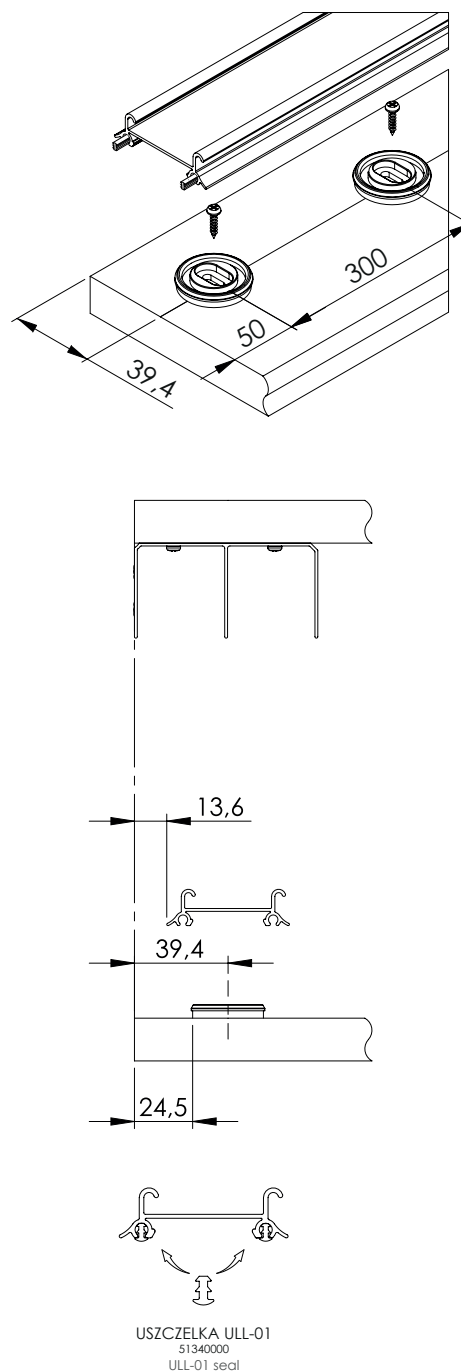


Montaż torów dolnych / Montage of lower tracks

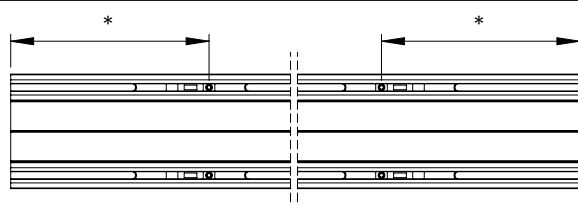
TORY RAMA / Rama tracks



TOR GAMA / Gama track

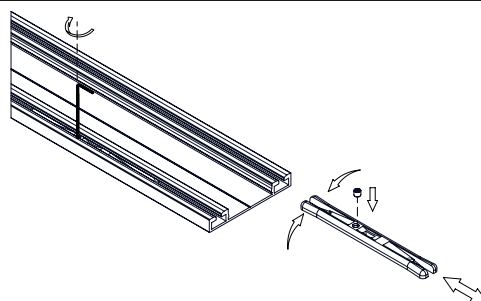


Montaż stopera dolnego w torach rama / Montage of lower stopper in rama tracks



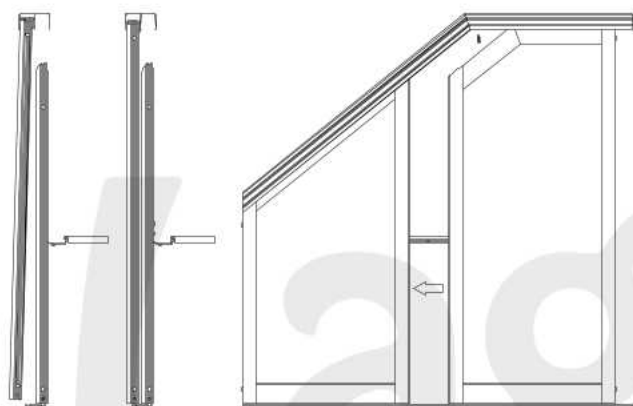
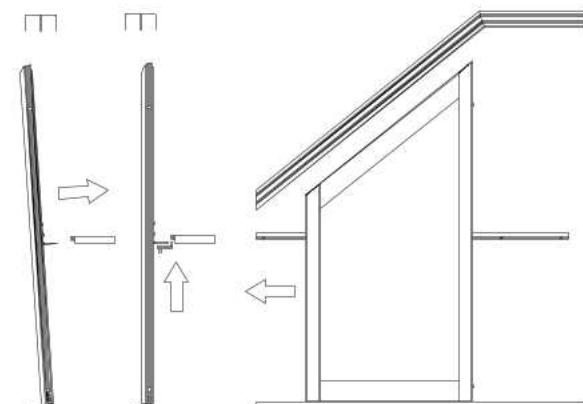
* Odległość stopera ustawić tak, by skrzydło domykało się do brzegu korpusu po umieszczeniu oponki okucia w cylindrycznej części stopera.

* 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.

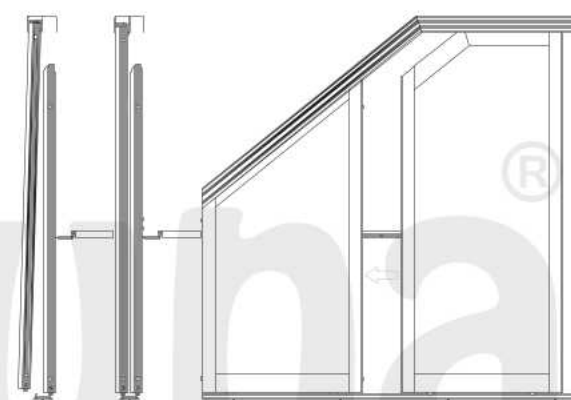
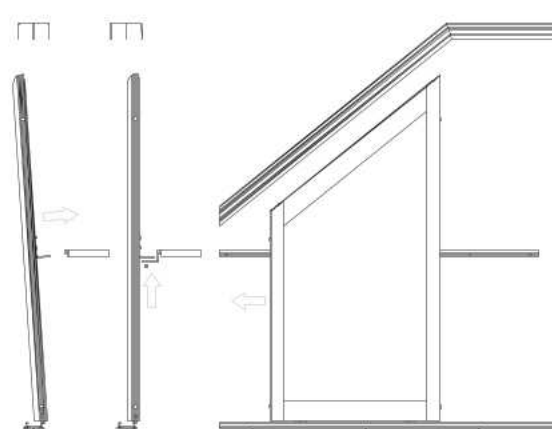


Montaż skrzydeł skośnych / Montage of slanted leaves

TORY RAMA / Rama tracks

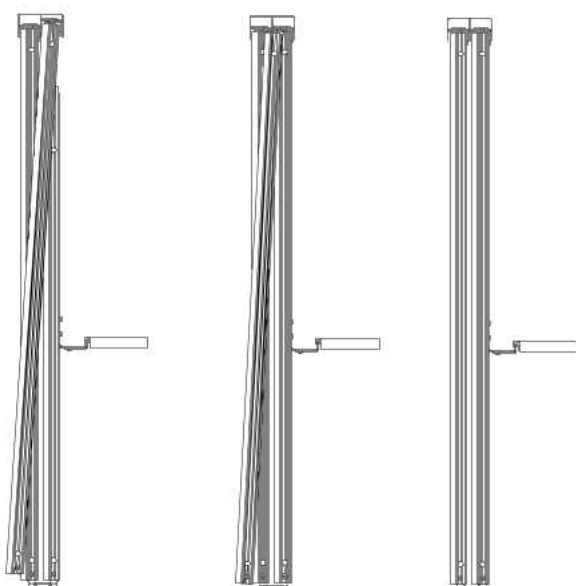


TOR GAMA / Gama track

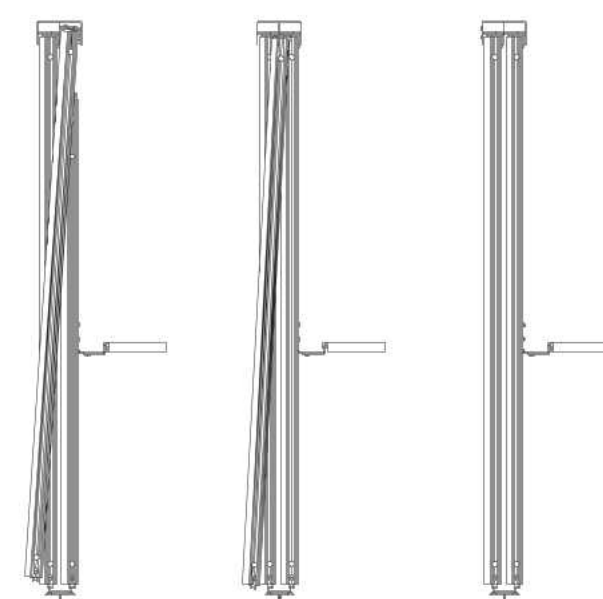


Montaż skrzydeł prostych w torach / Gama track

TORY RAMA / Rama tracks

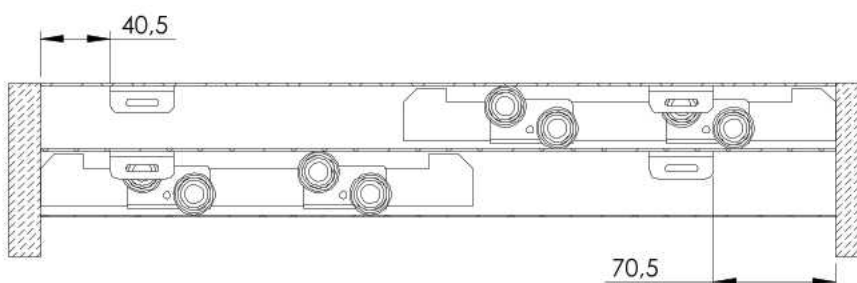
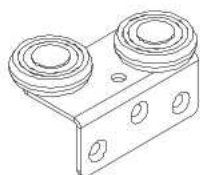
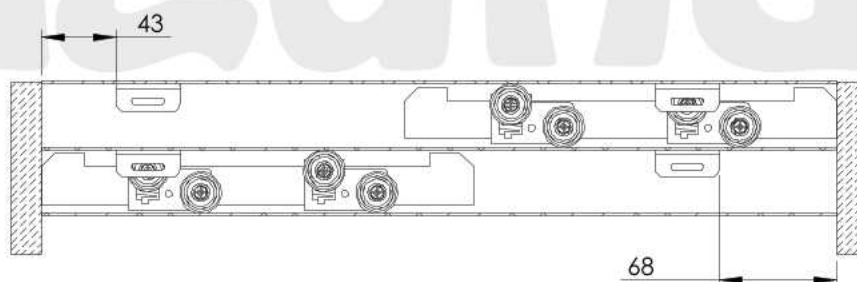
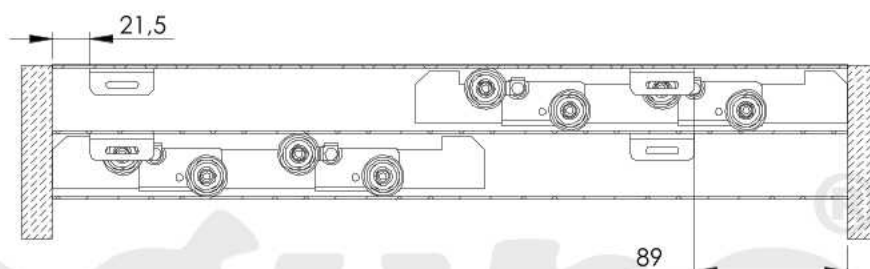
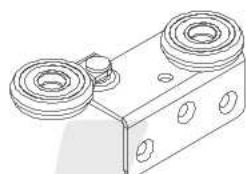
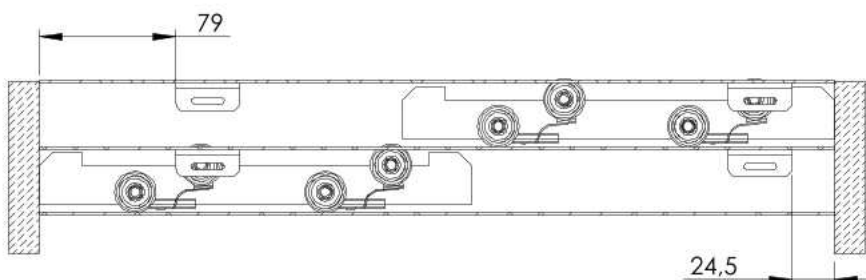
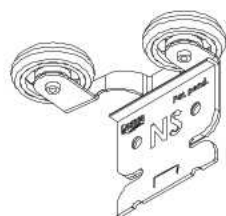
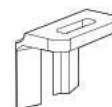


TOR GAMA / Gama track



Montaż pozycjonerów SOLID / Monting solid guides

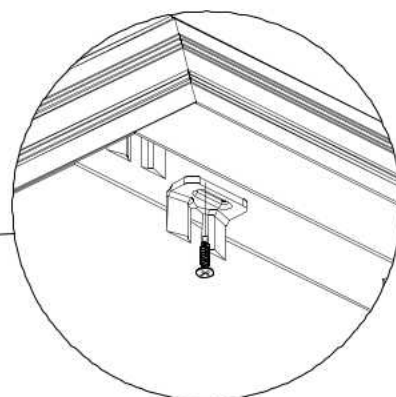
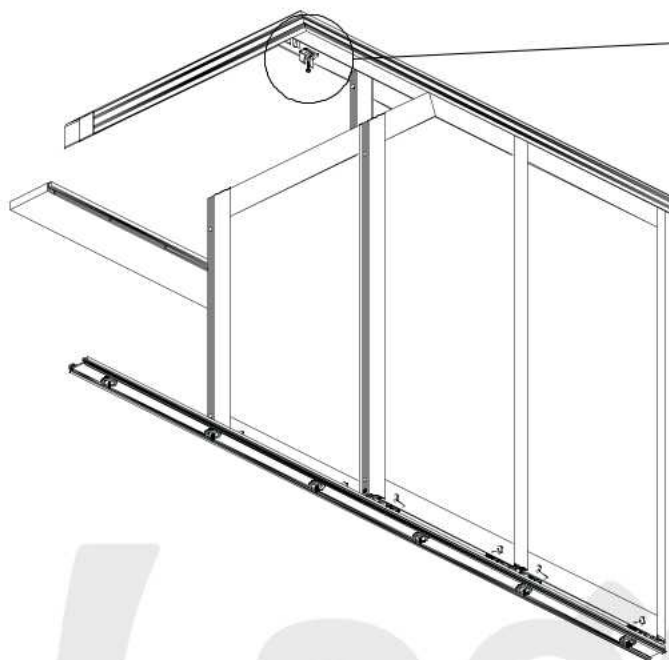
w zależności od wybranego rodzaju prowadnika / depending on chosen guide



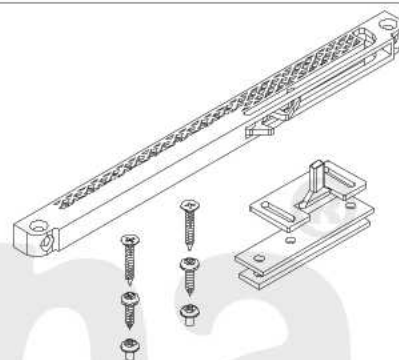
Montaż pozycjonerów w torach / Mounting of positioners

Widok z wnętrza szafy / View from inside the wardrobe

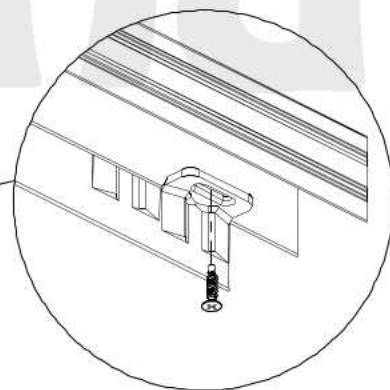
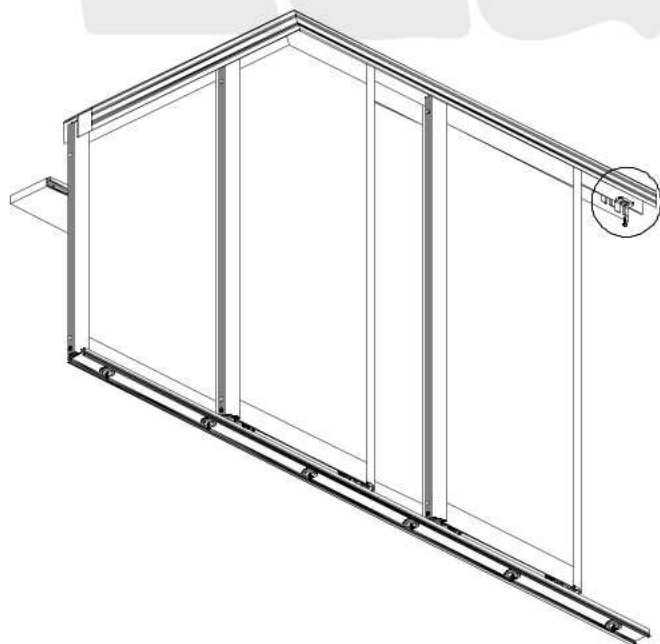
Prawa / Right



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



Lewa / Left



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.