The classification of the NEOSYSTEME aluminium profiles

SERIES neo.B

- ⇒ *Grid 20 / Groove 6mm*
- ⇒ *Grid 30 / Groove 8mm*
- ⇒ *Grid 40 / Groove 10mm*
- ⇒ *Grid 45 / Groove 10mm*
- ⇒ *Grid 50 / Groove 10mm*
- ⇒ *Grid 60 / Groove 10mm*
- ⇒ *Special profiles*

SERIES neo.I

- ⇒ *Grid 20 / Groove 5mm*
- ⇒ *Grid 30 / Groove 6mm*
- ⇒ *Grid 40 / Groove8mm*
- ⇒ *Special profiles*

SERIES neo.Lean

All profiles are anodised, are compatible in series-specific modular dimensions and may be combined.
Within the series, the uniform grid size allows any combination of the automation profiles amongst themselves.
There is no branch, in which the NEOSYSTEME aluminium profiles cannot be used!
The aluminium alloy (AlMgSi0,5 F 25) used is weatherproof and resistant to many chemicals.

Klasyfikacja profili aluminiowych NEOSYSTEME

SERIA neo.B

- ⇒ *Przekrój 20 / Rowek 6mm*
- ⇒ *Przekrój 30 / Rowek 8mm*
- ⇒ *Przekrój 40 / Rowek 10mm*
- ⇒ *Przekrój 45 / Rowek 10mm*
- ⇒ *Przekrój 50 / Rowek 10mm*
- ⇒ *Przekrój 60 / Rowek 10mm*
- ⇒ *Profile specjalne*

SERIA neo.I

- ⇒ *Przekrój 20 / Rowek 5mm*
- ⇒ *Przekrój 30 / Rowek 6mm*
- ⇒ *Przekrój 40 / Rowek 8mm*
- ⇒ *Profile specjalne*

SERIA neo.Lean

Wszystkie profile aluminiowe są anodowane, kompatybilne w konkretnych seriach mogą być również łączone. W obrębie jednej serii, jednolity rozmiar przekroju umożliwia dowolną kombinację łączenia profili aluminiowych.
Nie ma takiej branży w której profile aluminiowe NEOSYSTEME nie znalazłyby zastosowania.
Zastosowany stop aluminium (AlMgSi0,5 F 25) jest odporny na działanie warunków atmosferycznych i wielu związków chemicznych.

Anodisation of the NEOSYSTEME aluminium profiles

With anodisation, the NEOSYSTEME automation profiles become permanently scratch-resistant and protected against corrosion. All profiles are constructed in such a way that a highest possible rigidity is attained in proportion to the material used.
All profiles are delivered with a guaranteed usable length of 2,000 mm, 3,000 mm or 6,000 mm as well as, by rule, with an excessive length of up to 100 mm on the basis of electrolytic surface contact points at both profile ends depending on the production.

Anodowanie profili aluminiowych NEOSYSTEME

Dzięki anodowaniu profile aluminiowe NEOSYSTEME są odporne na zadrapania oraz chronione przed korozją. Wszystkie profile zostały skonstruowane w taki sposób, aby uzyskać jak proporcjonalnie do użytego materiału. Wszystkie profile są dostarczane z gwarantowaną długością użytkową 2000mm, 3000mm lub 6000mm. Rzeczywista długość profili jest zazwyczaj większa od bazowej o ok. 100mm. Wiąże się to z procesem anodowania, podczas którego na obu końcach profili powstają powierzchnie stykowe.

Recyclability of NEOSYSTEME aluminium profiles

All profiles are functionally reusable and are completely environmentally friendly and recyclable.

Recykling profili aluminiowych NEOSYSTEME

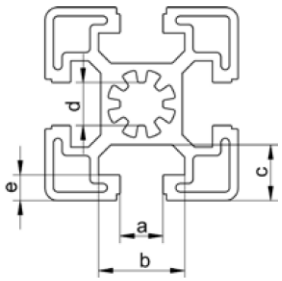
Wszystkie profile aluminiowe są funkcjonalnie wielokrotnego użytku oraz są całkowicie przyjazne dla środowiska, nadając się tym samym do recyklingu.

Dane techniczne profili aluminiowych | *Technical data for the aluminium profiles*

Numer materiału według norm DIN EN 573 / *Material designation according to DIN EN 573*	**EN AW – 6063**
Minimalna wytrzymałość na rozciąganie (w kierunku działania) / *Minimum tensile strength R_m*	**R_m = 245 N/mm²**
Granica plastyczności 0,2 % (w kierunku działania) / *Proof stress in direction of pressure*	**$R_{p0,2}$ = 195 N/mm²**
Wydłużenie całkowite po rozerwaniu A_5 / *Ductile yield*	**A_5 = 10 %**
Wydłużenie całkowite po rozerwaniu A_{10} / *Ductile yield*	**A_{10} = 8 %**
Moduł sprężystości E / *Modulus of elasticity*	**E = ok. 70.000 N/mm²**
Twardość Brinella / *Brinell hardness*	**HB = ok. 75**
Współczynnik rozszerzania wzdłużnego / *Longitudinal expansion coefficient*	**α = 23,4 x 10^{-6} 1/K**
Tolerancja / *Tolerances*	**DIN EN 12020-2**
Metoda eloksacyjna / *Anodizing process*	**E6CO**
Grubość warstwy eloksacyjnej / *Thickness of layer*	**15µm**

Tolerancje wymiarowe profili aluminiowych | *Tolerances of aluminium profiles*

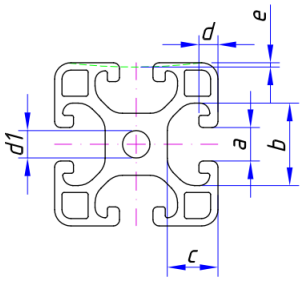
neo.B



	6	8	10
a	6,0 +0,3/-0	8,0 +0,3/-0	10,0 +0,4/-0
b	12 ±0,2	16,5 ±0,2	20,1 ±0,25
c	5,5 ±0,15	9,0 ±0,15	12,5 ±0,15*
e	1,5 ±0,15	2,2 ±0,15	6,0 ±0,15
d	5,5 +0,2/-0,1	7,3 +0,2/-0,1	10,0 ±0,15

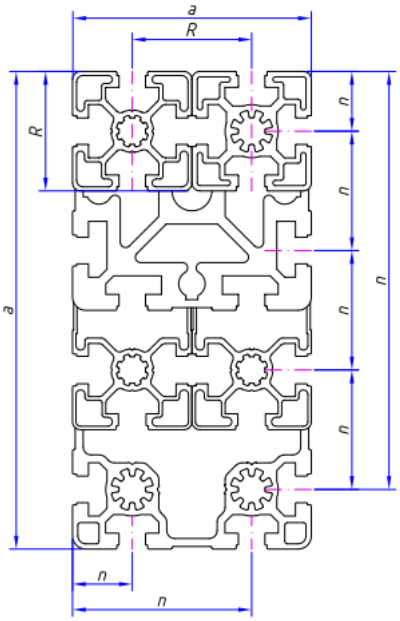
* max. 14,5 ±0,15 dla / for B104545L

neo.I



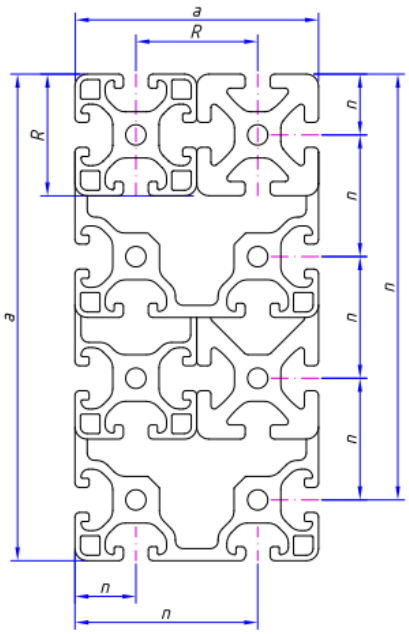
	5	6	8
a	5,0 +0,3/-0	6,2 +0,3/-0	8,0 +0,4/-0
b	11,5 +0,3/-0	16,5 +0,3/-0	20,0 +0,4/-0
c	6,35 ±0,15	9,85 +0,2/-0	12,25 +0,3/-0
d	1,8 ±0,1	3,0 +0/-0,25	4,5 +0,3/-0
e	0,15 ±0,1	0,15 ±0,1	0,2 ±0,1
d1	4,3 ±0,1	5,0 +0,2/-0	6,8 +0/-0,2

Tolerancje wymiarowe profili aluminiowych | *Tolerances of aluminium profiles*



neo.B

Długość krawędzi profilu Edge length of profile		Tolerancja Tolerances
a [mm]		
od / at	do / to	Pozycja rowka ± [mm] Position of nut ± [mm]
0	20	± 0,15
20	30	± 0,2
40		+ 0,6
40	60	± 0,3
80		+ 0,8
80	100	± 0,4
120		+ 1,0



neo.I

Długość krawędzi profilu Edge length of profile		Tolerancja Tolerances
a [mm]		
od / at	do / to	Pozycja rowka ± [mm] Position of nut ± [mm]
0	10	± 0,1
10	20	± 0,15
20	40	± 0,2
40	60	± 0,3
60	80	± 0,4
80	100	± 0,45
100	120	± 0,50
120	160	± 0,6

Wytrzymałość rowków profili aluminiowych | *Profile groove loading capacity of the aluminium profiles*

Wytrzymałość rowków profili aluminiowych
Graniczna wartość obciążenia rowków profilu aluminiowego (początek widocznej plastycznej deformacji powierzchni zewnętrznej) dla poszczególnych łączników:

Tensile loading
Static tensile loading capacity limit of the profile groove (beginning of visible permanent plastic deformation on the outer surface of the profile) each for connectors with the biggest thread-diameter:

neo.B

Rowek *Groove*	Profil *Profile*	Śruba młoteczkowa *T-head screw*	Nakrętka młoteczkowa *Hammer nut*	Śruba centralna *Central screw*	Kształtka wpustowa obracana *Roll-In T-slot nut*	Kształtka wpustowa *T-slot nut*
6	**B62020**		1700 N	2000 N		3000 N
8	**B83030**	4000 N	4000 N	5000 N		6300 N
10	**B104040L**	7000 N	7200 N	10000 N	12000 N	12500 N
10	**B104545L**	7000 N	7000 N	1000 N	10000 N	12500 N
10	**B104545**	12000 N	12000 N	15000 N	13000 N	17000 N

neo.I

Rowek *Groove*	Profil *Profile*	Śruba młoteczkowa *T-head screw*	Nakrętka młoteczkowa *Hammer nut*	Kształtka wpustowa obracana *Roll-In T-slot nut*	Kształtka wpustowa *T-slot nut*
5	**I52020**			1000 N	
6	**I53030**			3500 N	
6	**I63030L**			1000 N	
8	**I84040**	10000 N	10000 N		15000 N
8	**I84040L**	5000 N	5000 N		7000 N
8	**I84040E**	4000 N	4000 N		6000 N

Wszystkie wartości zostały określone w fizycznych testach wyrywania.
Współczynniki bezpieczeństwa nie zostały zastosowane.
Podane wartości są wartości ostatecznymi i właściwe współczynniki bezpieczeństwa muszą zostać zastosowane.

All values have been determined exemplarily by physical pull-out experiments.
Safety factors have not been applied.
All values are ultimate values and the appropriate safety factors have to be applied.

LEGENDA

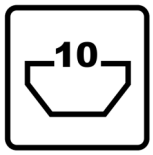
I_x	Moment bezwładności	Moment of inertia
I_y	Moment bezwładności	Moment of inertia
W_x	Współczynnik wytrzymałości przekroju	Section modulus
W_y	Współczynnik wytrzymałości przekroju	Section modulus
G	Masa profilu kg/m	Mass (kg/m)
A	Powierzchnia profilu	Profile surface
PU	Ilość profili w paczce	Packaging Unit
L	Max. dł. profilu	Length

SERIA / SERIES

neo.B

20...

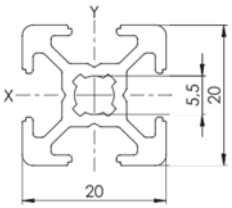
30...



40...
45...
50...
60...

Profile aluminiowe z rowkiem 6 mm | *Aluminium profile with nut 6 mm*

B62020



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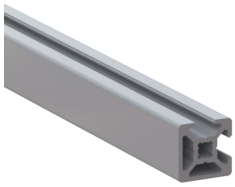

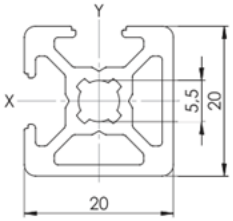

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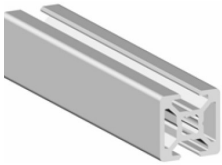

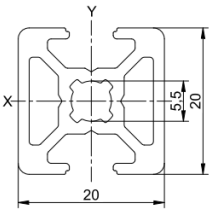

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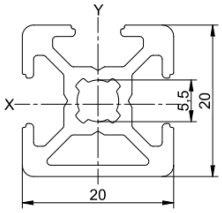
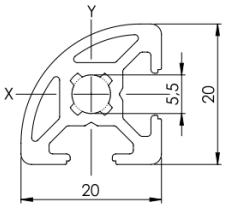
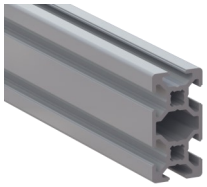
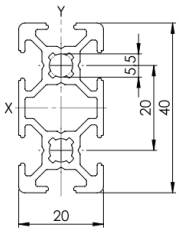


B620R90



B62040



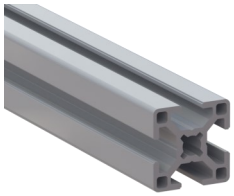


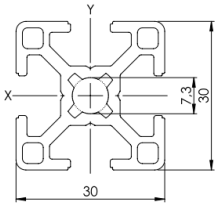
Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
20x20	6	0,68	0,68	0,68	0,68	0,44	1,63	20	3000	**B62020**
20x20 2NVS	6	0,76	0,76	0,72	0,72	0,49	1,82	20	3000	**B620202NE**
20x20 2N	6	0,68	0,84	0,68	0,84	0,49	1,83	20	3000	**B620202NP**
20x20 3N	6	0,75	0,67	0,71	0,67	0,46	1,72	20	3000	**B620203N**
20x20 R	6	0,58	0,58	0,55	0,55	0,44	1,62	20	3000	**B620R90**
20x40	6	4,61	1,20	2,31	1,20	0,77	2,87	24	3000	**B62040**

Materiał: aluminium anodowane
Material: anodized aluminium

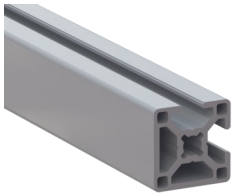
Profile aluminiowe z rowkiem 8 mm | *Aluminium profile with nut 8 mm*

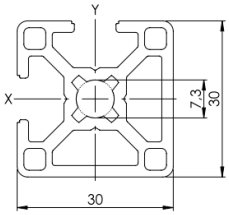
B83030





B830302NE





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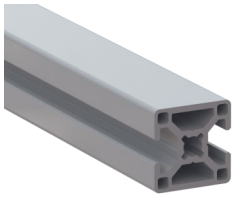

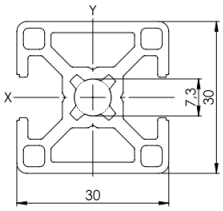

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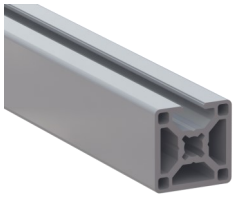

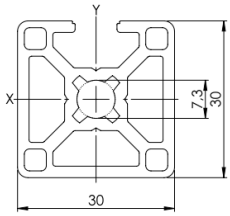

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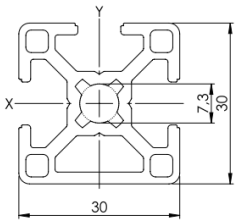

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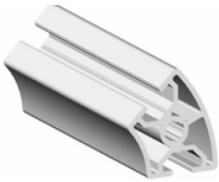
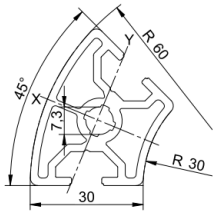


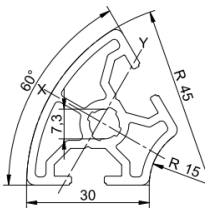


Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
30x30	8	2,77	2,77	1,85	1,85	0,85	3,14	20	6000	**B83030**
30x30 2NVS	8	3,11	3,11	1,98	1,98	0,95	3,50	20	6000	**B830302NE**
30x30 2N	8	3,48	2,79	2,32	1,86	0,95	3,51	20	6000	**B830302NP**
30x30 1N	8	3,12	3,49	1,99	2,32	1,00	3,69	20	6000	**B830301N**
30x30 3N	8	3,10	2,78	1,97	1,85	0,90	3,32	20	6000	**B830303N**
30x45°	8	5,29	3,70	2,37	2,13	1,11	4,12	20	6000	**B830R45**

Materiał: aluminium anodowane
Material: anodized aluminium

Profile aluminiowe z rowkiem 8 mm | *Aluminium profile with nut 8 mm*

B30R60



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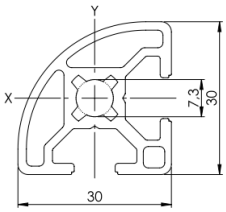

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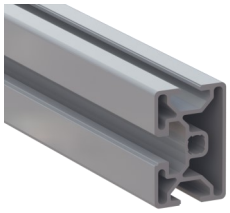

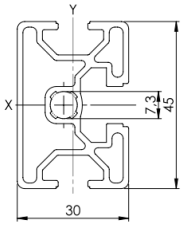

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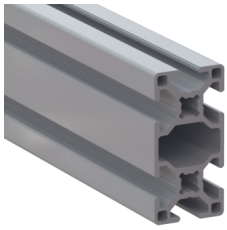

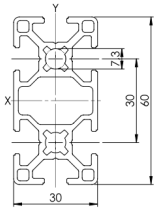

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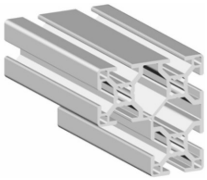
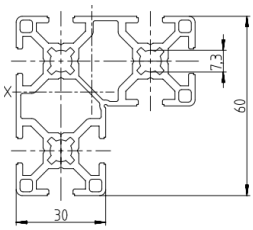
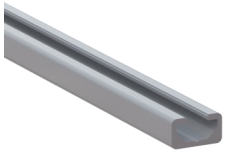
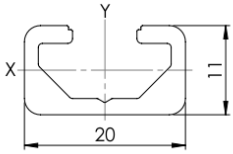




B81120



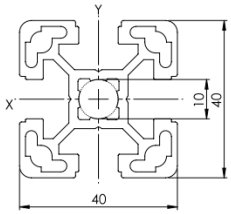


Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
30x60°	8	4,25	3,12	1,95	1,77	1,01	3,73	20	6000	**B830R60**
30x30 R	8	2,28	2,28	1,41	1,41	0,78	2,88	20	6000	**B830R90**
30x45	8,10	8,16	3,86	3,63	2,49	1,07	3,96	18	6000	**B830453N**
30x60	8	19,66	5,09	6,55	3,39	1,49	5,53	10	6000	**B83060**
30x60x60	8	26,12	26,12	7,51	7,51	2,22	8,2	20	6000	**B8306060**
11x20	8	0,13	0,52	0,20	0,52	0,28	1,02	10	2000	**B81120**

Materiał: aluminium anodowane
Material: anodized aluminium

Profile aluminiowe z rowkiem 10 mm | *Aluminium profile with nut 10 mm*

B104040L



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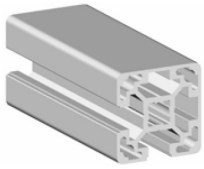

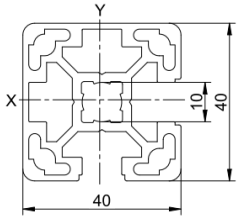

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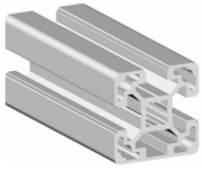
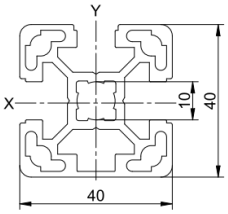
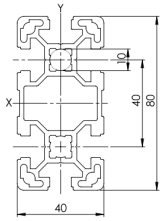




B104080L



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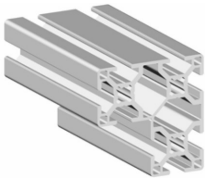

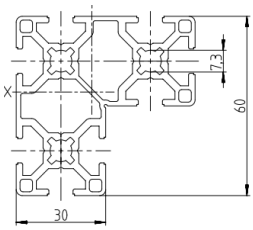

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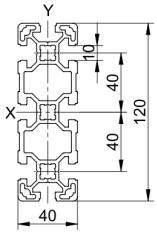
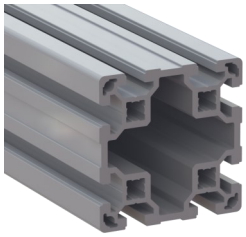


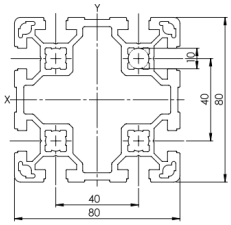
Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
40x40L	10	9,06	9,06	4,53	4,53	1,51	5,61	20	6000	B104040L
40x40L 2NVS	10	9,71	9,71	4,72	4,72	1,61	5,96	20	6000	B104040L2NE
40x40L 3N	10	9,69	9,08	4,71	4,54	1,56	5,79	20	6000	B104040L3N
40x80L	10	63,24	17,23	15,81	8,61	2,66	9,86	12	6000	B104080L
40x80x80L	10	91,51	91,51	19,89	19,89	4,16	15,41	8	6000	B10408080L
40x120L	10	201,95	27,76	33,66	13,88	4,14	15,35	8	6000	B1040120L

Materiał: aluminium anodowane
Material: anodized aluminium

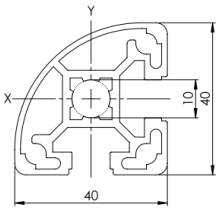
Profile aluminiowe z rowkiem 10 mm | *Aluminium profile with nut 10 mm*

B108080L





B1040LR90

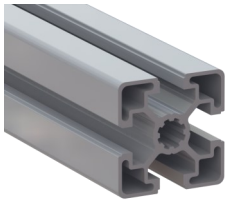


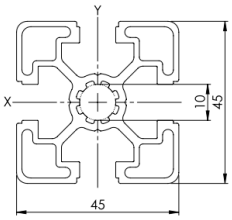
Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
80x80L	10	132,62	132,62	33,16	33,16	4,98	18,45	6	6000	**B108080L**
40x40L R	10	6,84	6,84	3,06	3,08	1,28	4,75	20	6000	**B1040LR90**

Materiał: aluminium anodowane
Material: anodized aluminium

Profile aluminiowe z rowkiem 10 mm | *Aluminium profile with nut 10 mm*

B104545L





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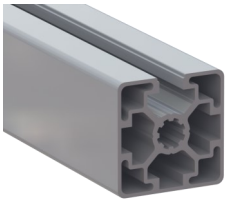
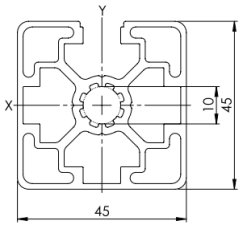
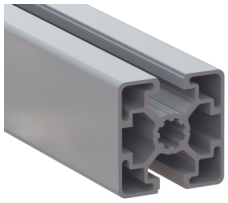
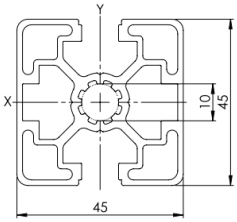


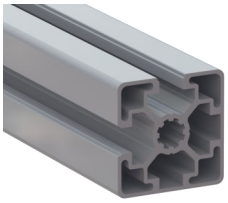


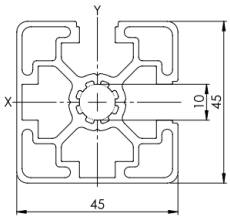
B104545L2NP





B104545L2NE





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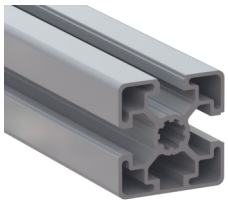
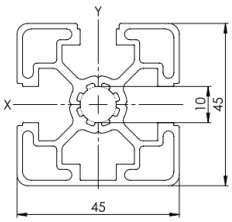
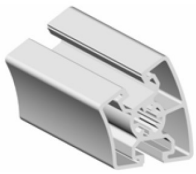
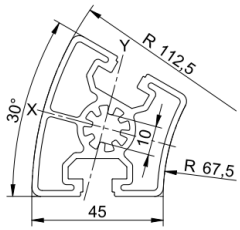




B1045R30



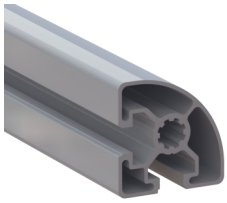


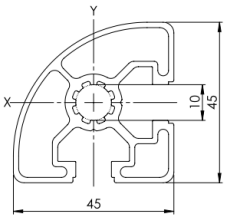
Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
45x45L	10	11,00	11,00	4,89	4,89	1,55	5,73	20	6000	B104545L
45x45L 1N	10	11,85	12,68	5,13	5,64	1,69	6,25	20	6000	B104545L1N
45x45L 2N	10	11,04	12,66	4,91	5,63	1,64	6,08	20	6000	B104545L2NP
45x45l 2NVS	10	11,82	11,82	5,11	5,11	1,64	6,08	20	6000	B104545L2NE
45x45L 3N	10	11,65	10,87	5,03	4,83	1,57	5,83	20	6000	B104545L3N
45x30°	10	15,18	12,72	5,34	5,04	1,86	6,89	20	6000	B1045R30

Materiał: aluminium anodowane
Material: anodized aluminium

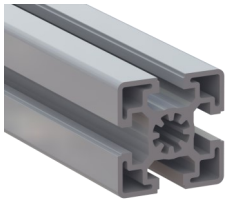
Profile aluminiowe z rowkiem 10 mm | *Aluminium profile with nut 10 mm*

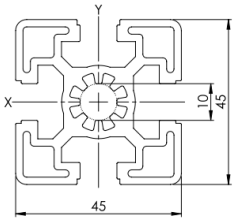
B1045LR90





B104545





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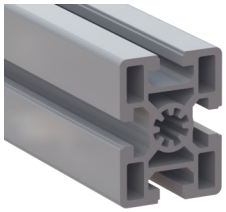

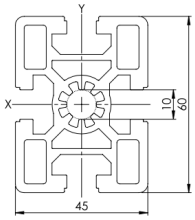

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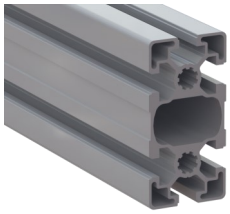

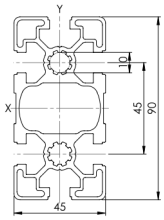

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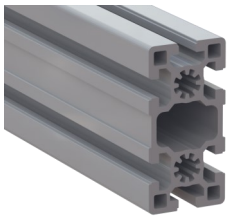

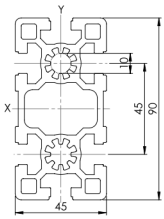

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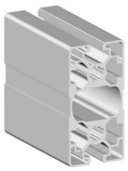
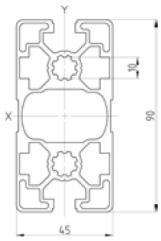




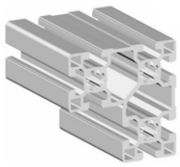
Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
45x45L R	10	8,01	8,01	3,20	3,20	1,27	4,70	20	6000	B1045LR90
45x45	10	13,94	13,94	6,19	6,19	2,03	7,50	20	6000	B104545
45x60	10	37,55	22,66	12,52	10,07	3,01	11,14	20	6000	B104560
45x90L	10	81,82	23,53	18,18	10,46	3,05	11,29	12	6000	B104590L
45x90	10	124,05	32,25	27,57	14,33	4,12	15,24	12	6000	B104590
45x90L 2N	10	85,44	26,85	18,98	11,93	3,31	11,99	12	6000	B104590L2NP

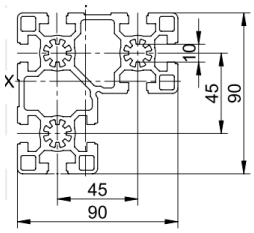
Materiał: aluminium anodowane

Material: anodized aluminium

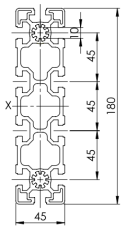
Profile aluminiowe z rowkiem 10 mm | *Aluminium profile with nut 10 mm*

B10459090L

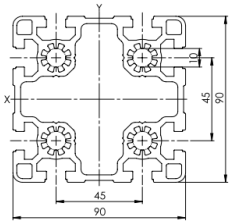




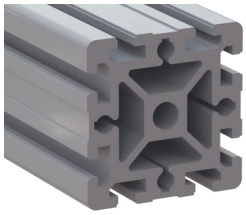
B1045180

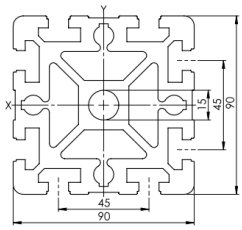


B109090L

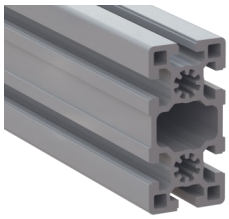


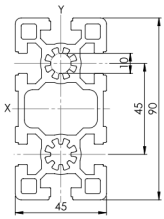
B109090





B1090180L





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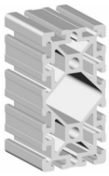
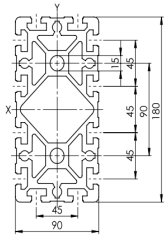


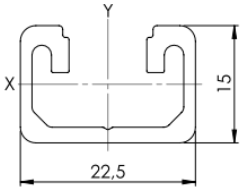


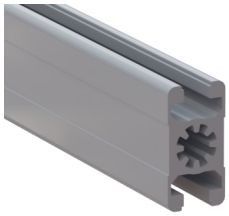
Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
45x90x90L	10	100,56	203,33	29,34	29,34	5,67	21,01	12	6000	**B10459090L**
45x180	10	57,77	771,07	85,67	25,68	6,96	25,78	6	5600	**B1045180**
90x90L	10	210,50	210,50	46,78	46,78	6,34	23,46	6	6000	**B109090L**
90x90	10	301,85	301,85	67,07	67,07	10,51	38,93	6	6000	**B109090**
90x180L	10	1379,86	398,86	153,1	88,63	11,41	42,26	3	6000	**B1090180L**
90x180	10	2142,88	547,41	238,1	121,64	17,17	63,57	3	6000	**B1090180**

Materiał: aluminium anodowane
Material: anodized aluminium

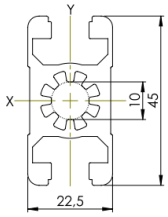
Profile aluminiowe z rowkiem 10 mm | *Aluminium profile with nut 10 mm*

B101522,5





B1022,545

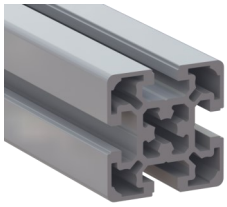


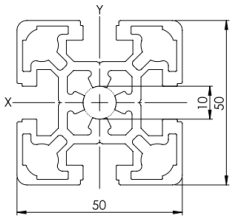
Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
	10	0,33	0,81	0,40	0,72	0,33	1,21	10	3000	**B101522,5**
	10	6,81	2,84	3,03	2,53	1,22	4,51	24	6000	**B1022,545**

Materiał: aluminium anodowane
Material: anodized aluminium

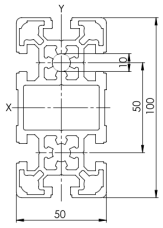
Profile aluminiowe z rowkiem 10 mm | *Aluminium profile with nut 10 mm*

B105050L

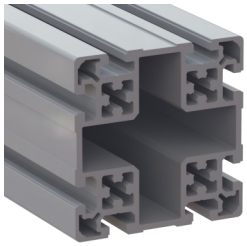


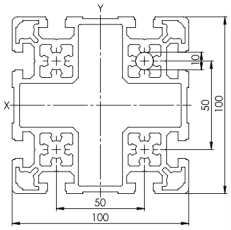


B1050100L



B10100100L



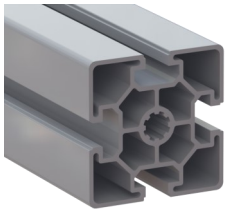


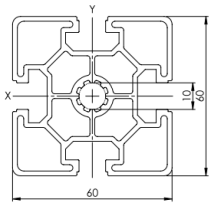
Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
50x50L	10	21,68	21,68	8,67	8,67	2,57	9,52	20	6000	**B105050L**
50x100L	10	165,70	43,00	33,14	17,20	4,73	17,51	10	6000	**B1050100L**
100x100L	10	318,90	318,90	63,78	63,78	8,12	30,10	6	6000	**B10100100L**

Materiał: aluminium anodowane
Material: anodized aluminium

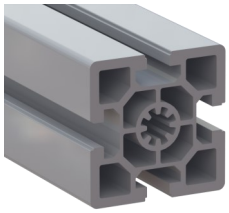
Profile aluminiowe z rowkiem 10 mm | *Aluminium profile with nut 10 mm*

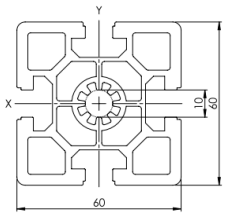
B106060L



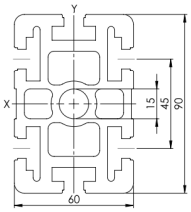


B106060





B10100100L

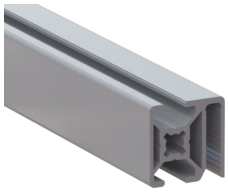


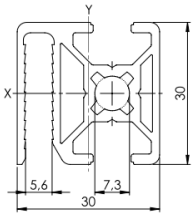
Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
60x60L	10	31,71	31,71	10,57	10,57	2,57	9,52	20	6000	**B106060L**
60x60	10	52,69	52,69	17,56	17,56	3,86	14,31	20	6000	**B106060**
60x90	10	212,45	90,43	47,21	30,14	6,92	25,64	10	6000	**B106090**

Materiał: aluminium anodowane
Material: anodized aluminium

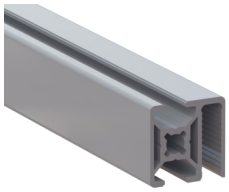
Profile specjalne | *Special profiles*

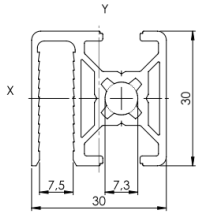
B83030SG30



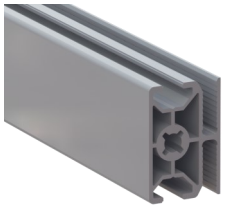


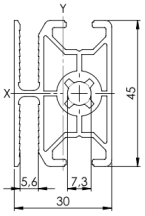
B83030SG40





B83045SG30





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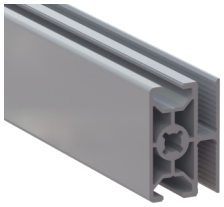
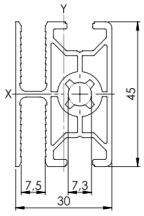
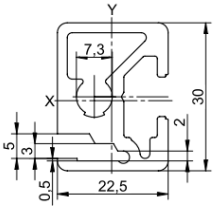
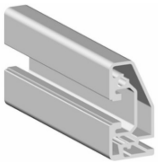


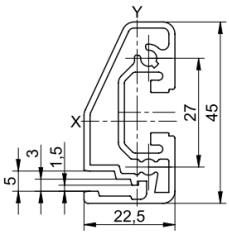


B8R22,530



B10R22,545



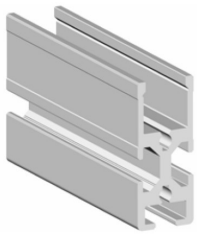


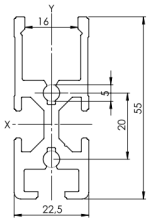
Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
Siatki 30x30 WG30	8	2,60	3,04	1,65	1,96	0,87	3,21	20	6000	**B83030SG30**
Siatki 30x30 WG40	8	2,48	2,91	1,58	1,83	0,85	3,13	20	6000	**B83030SG40**
Siatki 30x45 WG30	8	7,21	4,29	3,21	2,74	1,21	4,51	20	6000	**B83045SG30**
Siatki 30x45 WG40	8	6,95	4,11	3,09	2,57	1,20	4,44	20	6000	**B83045SG40**
Ramowy 22,5x30	8	2,92	1,59	1,85	1,38	0,85	3,15	20	6000	**B8R22,530**
Ramowy 22,5x45	10	6,28	1,53	2,55	1,17	0,87	3,21	20	6000	**B10R22,545**

Materiał: aluminium anodowane
Material: anodized aluminium

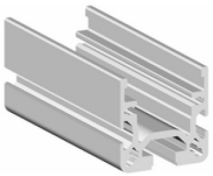
Profile specjalne | *Special profiles*

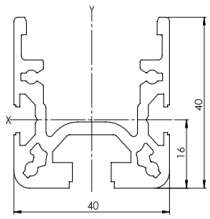
8 **B85522,5** neo.Lean



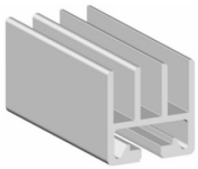


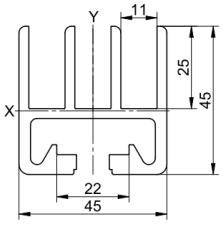
10 **B10RP01** neo.Lean



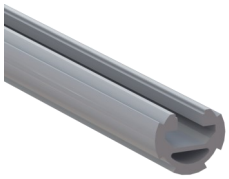


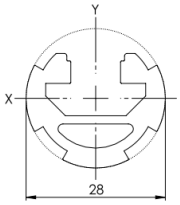
10 **B104545ST**



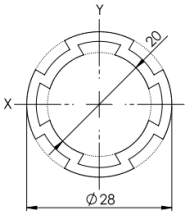


10 **B10D28L** neo.Lean

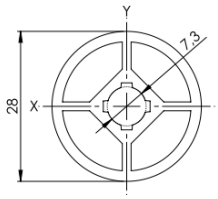




BD28L neo.Lean



BD28 neo.Lean



Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
SP1 22,5x55	8	10,53	2,85	3,40	2,53	1,31	4,84	20	6000	**B85522,5**
U 40x40	10	10,29	5,88	5,15	2,31	1,36	5,03	20	6000	**B10RP01**
Drzwi przesuwnych 45x45	10	12,28	16,83	4,78	7,48	1,90	7,03	20	6000	**B104545ST**
Rurkowy D28L [10]	10	1,02	1,97	0,88	1,41	0,71	2,63	20	6000	**B10D28L**
Rurkowy D28L	-	1,33	1,33	0,50	0,50	0,48	1,79	20	6000	**BD28L**
Rurkowy D28	-	1,61	1,61	0,58	0,58	0,71	2,63	20	6000	**BD28**

Materiał: aluminium anodowane
Material: anodized aluminium

SERIA / SERIES

neo.I

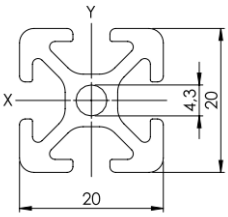
20...

30...

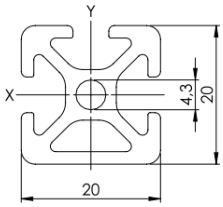
40...

Profile aluminiowe z rowkiem 5 mm | *Aluminium profile with nut 5 mm*

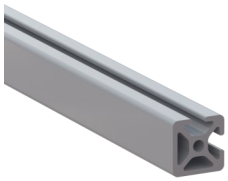
I52020

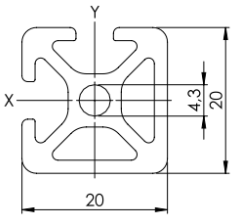


I520203N

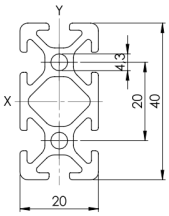


I520202NE

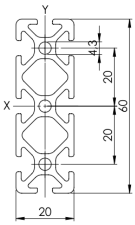




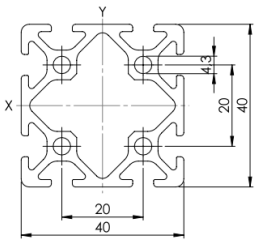
I52040



I52060



I54040

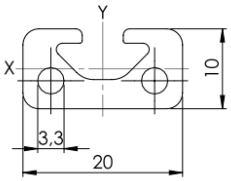


Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
20x20	5	0,74	0,74	0,74	0,74	0,49	1,82	16	3000	I52020
20x20 1N	5	0,82	0,75	0,78	0,75	0,52	1,92	16	3000	I520203N
20x20 2N90	5	0,82	0,82	0,79	0,79	0,53	2,01	16	3000	I520202NE
40x20	5	5,12	1,40	2,56	1,40	0,89	3,29	16	3000	I52040
60X20	5	16,07	2,07	5,36	2,07	1,28	4,76	5	3000	I52060
40x40	5	9,24	9,24	4,62	4,62	1,38	5,10	8	6000	I54040

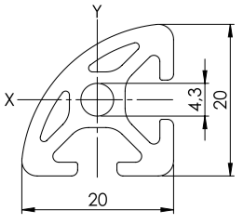
Materiał: aluminium anodowane
Material: anodized aluminium

Profile aluminiowe z rowkiem 5 mm | *Aluminium profile with nut 5 mm*

I51020



I520R90

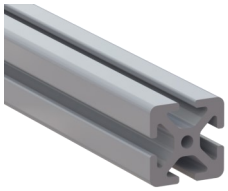


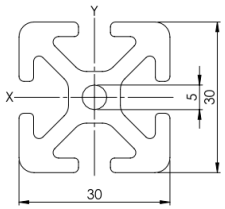
Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
20x10	5	0,12	0,53	0,22	0,53	0,35	1,29	16	3000	**I51020**
R20-90°	5	0,58	0,58	0,54	0,54	0,47	1,72	8	3000	**I520R90**

Materiał: aluminium anodowane
Material: anodized aluminium

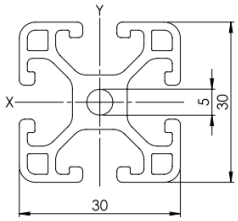
Profile aluminiowe z rowkiem 6 mm | *Aluminium profile with nut 6 mm*

I63030

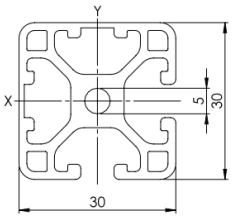




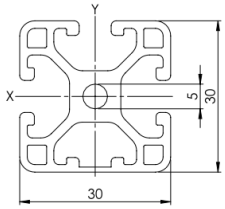
I63030L



I63030L2NE



I63030L3N



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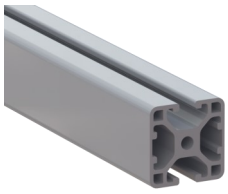
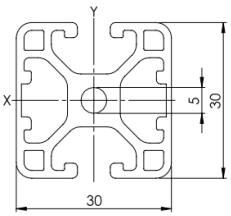
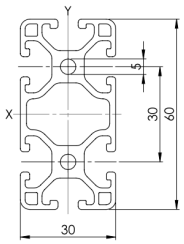




I63060L

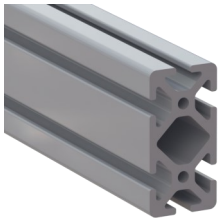


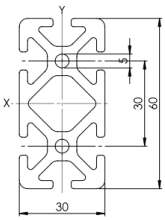
Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
30x30	6	4,13	4,13	2,75	2,75	1,24	4,60	16	6000	I63030
30x30L	6	2,88	2,88	1,92	1,92	0,90	3,34	16	6000	I63030L
30x30L 2N90	6	3,02	3,02	1,98	1,98	0,94	3,48	8	6000	I63030L2NE
30x30L 1N	6	3,02	2,88	1,98	1,92	0,92	3,41	8	6000	I63030L3N
30x30L 2N180	6	2,89	3,17	1,92	2,11	0,94	3,48	8	6000	I63030L2NP
60x30L	6	20,80	5,47	6,93	3,65	1,61	5,94	8	6000	I63060L

Materiał: aluminium anodowane
Material: anodized aluminium

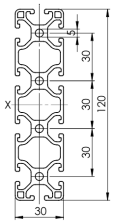
Profile aluminiowe z rowkiem 6 mm | *Aluminium profile with nut 6 mm*

I63060

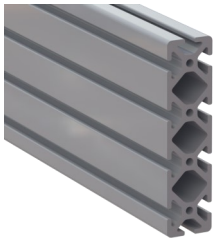


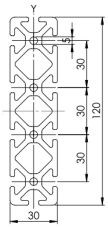


I630120L

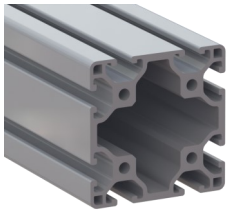


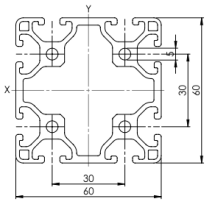
I630120



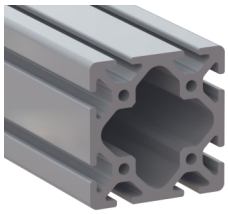


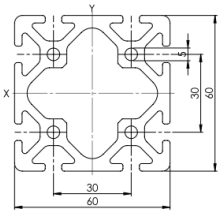
I66060L





I66060





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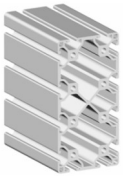
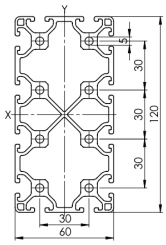


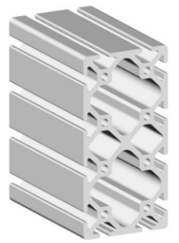


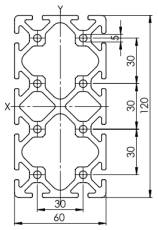
Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
60x30	6	28,90	7,85	9,63	5,24	2,24	8,31	8	6000	I63060
120x30L	6	149,84	10,80	24,97	7,20	3,06	11,34	4	6000	I630120L
120x30	6	207,28	15,31	34,55	10,20	4,25	15,73	4	6000	I630120
60x60L	6	38,69	38,69	12,90	12,90	2,62	9,71	4	6000	I66060L
60x60	6	53,13	53,13	17,71	17,71	3,54	13,1	4	6000	I66060
120x60L	6	74,95	252,25	24,98	42,04	4,87	18,07	2	6000	I660120L

Materiał: aluminium anodowane
Material: anodized aluminium

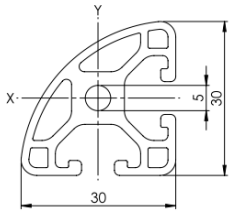
Profile aluminiowe z rowkiem 6 mm | *Aluminium profile with nut 6 mm*

I660120

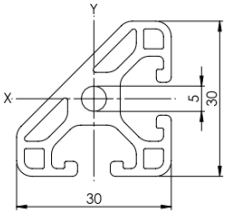




I630LR90



I63030L45°

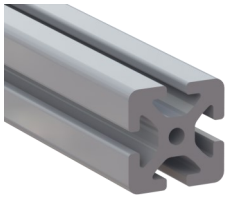


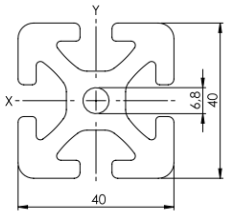
Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
120X60	6	101,81	341,99	33,93	56,99	6,60	24,47	2	6000	**I660120**
R30-90°	6	2,14	2,14	1,30	1,30	0,81	2,99	8	3000	**I630LR90**
30x30L-45°	6	2,20	2,20	1,32	1,32	0,82	3,05	8	3000	**I63030L45°**

Materiał: aluminium anodowane
Material: anodized aluminium

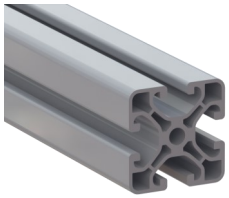
Profile aluminiowe z rowkiem 8 mm | *Aluminium profile with nut 8 mm*

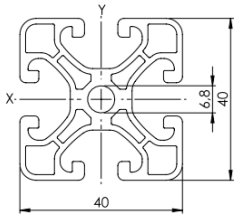
I84040



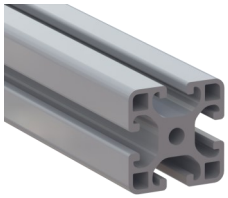


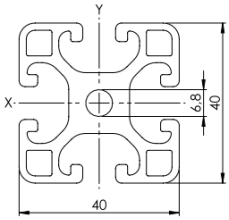
I84040E





I84040L





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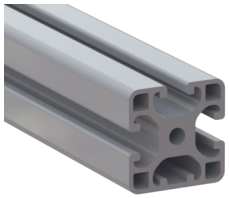
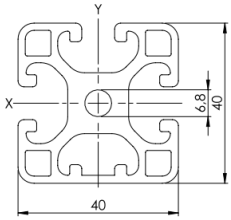
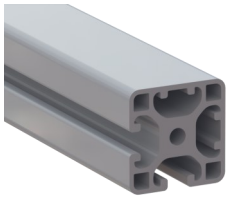
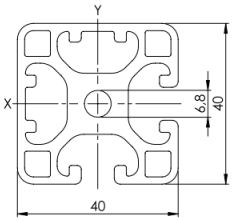


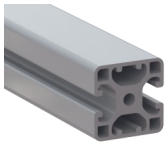


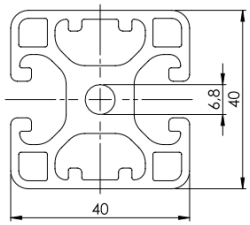
I84040L2NE





I84040L2NP



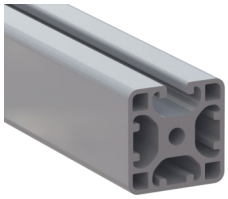


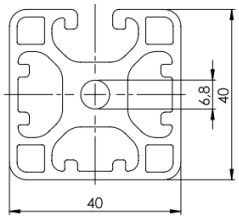
Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
40x40	8	14,14	14,14	7,07	7,07	2,47	9,14	16	6000	I84040
40x40E	8	8,12	8,12	4,06	4,06	1,48	5,47	16	6000	I84040E
40x40L	8	9,18	9,18	4,59	4,59	1,75	6,48	16	6000	I84040L
40x40L 1N	8	9,80	9,19	4,78	4,60	1,80	6,65	16	6000	I84040L3N
40x40L 2N90	8	9,81	9,81	4,79	4,79	1,84	6,83	16	6000	I84040L2NE
40x40L 2N180	8	9,20	10,45	4,60	5,22	1,84	6,83	16	6000	I84040L2NP

Materiał: aluminium anodowane
Material: anodized aluminium

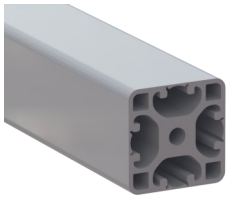
Profile aluminiowe z rowkiem 8 mm | *Aluminium profile with nut 8 mm*

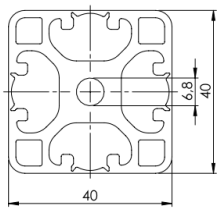
I84040L1N



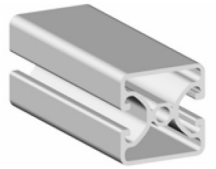


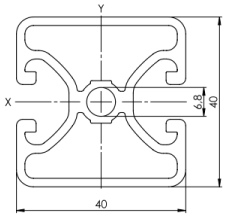
I84040L0N



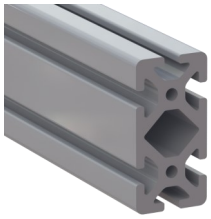


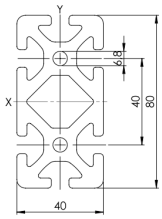
I84040E2NP



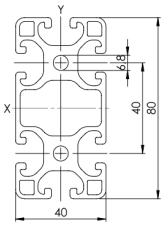


I84080

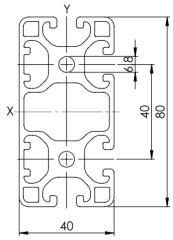




I84080L



I84080L4N

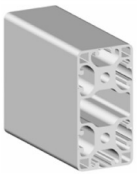


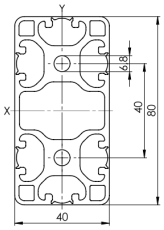
Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
40x40 3N	8	9,82	10,46	4,80	5,23	1,89	7,0	8	6000	I84040L1N
40x40 4N	8	9,80	9,80	4,90	4,90	1,84	6,8	16	6000	I84040L0N
40x40E 2N180	8	8,15	8,77	4,07	4,38	1,344	5,0	16	6000	I84040E2NP
80x40	8	101,41	27,21	25,35	13,61	4,52	16,74	8	6000	I84080
80x40L	8	70,07	16,93	17,52	8,47	3,05	11,31	8	6000	I84080L
80x40L 2N	8	71,49	18,16	17,87	8,83	3,15	11,66	8	6000	I84080L4N

Materiał: aluminium anodowane
Material: anodized aluminium

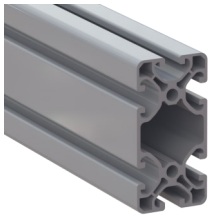
Profile aluminiowe z rowkiem 8 mm | *Aluminium profile with nut 8 mm*

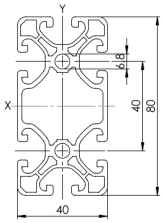
I84080L0N



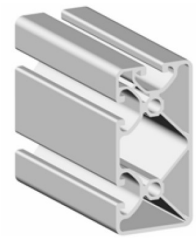


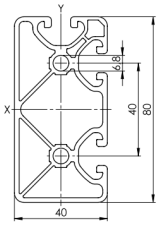
I84080E



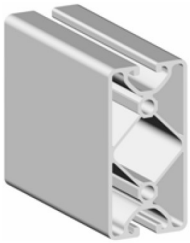


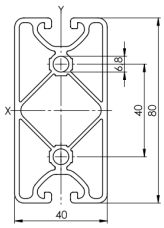
I84080E3NE





I84080E2NP





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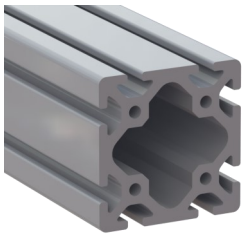

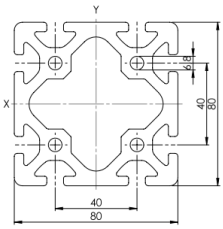

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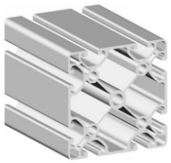
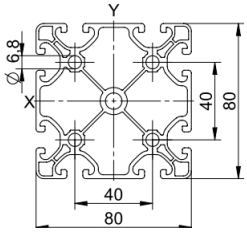


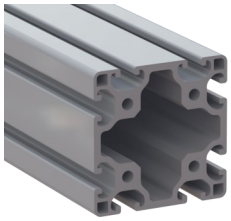


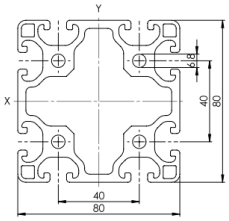
Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
80x40L 6N	8	18,16	73,84	9,08	18,46	2,22	8,22	8	6000	**I84080L0N**
80x40E	8	60,20	15,93	15,05	7,96	2,48	9,18	8	6000	**I84080E**
80x40E 3N90	8	15,97	56,50	7,82	13,82	2,28	8,46	8	6000	**I84080E3NE**
80x40E 4N180	8	15,69	56,96	7,84	14,24	2,23	8,26	8	6000	**I84080E2NP**
80x80	8	188,05	188,05	47,01	47,01	7,17	26,57	4	6000	**I88080**
80x80E	8	103,31	103,31	25,82	25,82	4,08	15,11	4	6000	**I88080E**

Materiał: aluminium anodowane
Material: anodized aluminium

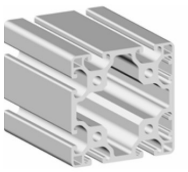
Profile aluminiowe z rowkiem 8 mm | *Aluminium profile with nut 8 mm*

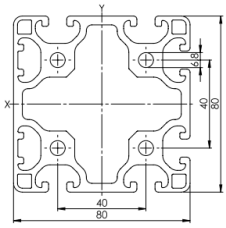
I88080L





I88080L6N





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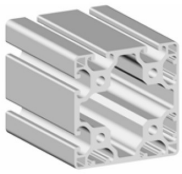
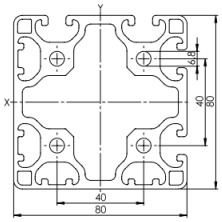
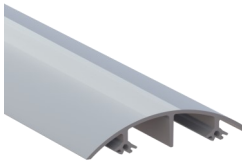
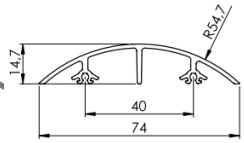


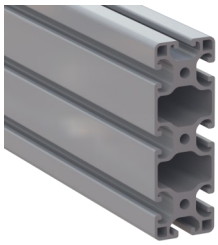


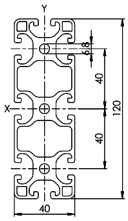
I880AP





I840120L





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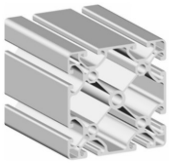
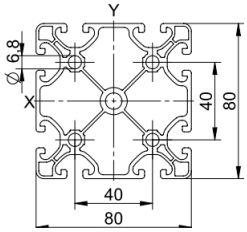


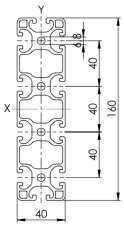


Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
80x80L	8	134,90	134,90	33,72	33,72	5,33	19,75	4	6000	**I88080L**
80x80L 2N	8	136,31	140,12	34,07	34,44	5,42	20,1	4	6000	**I88080L6N**
80x80L 4N90	8	141,55	141,55	34,80	34,80	5,52	20,45	4	3000	**I88080L4NE**
Maskujący R80 AL	8	-	-	-	-	0,55	20,26	10	4150	**I880AP**
120x40L	8	221,43	24,69	36,91	12,34	4,36	16,14	5	6000	**I840120L**
120X40	8	322,57	40,28	53,76	20,14	6,57	24,33	5	6000	**I840120**

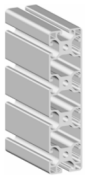
Materiał: aluminium anodowane
Material: anodized aluminium

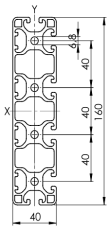
Profile aluminiowe z rowkiem 8 mm | *Aluminium profile with nut 8 mm*

I840160L

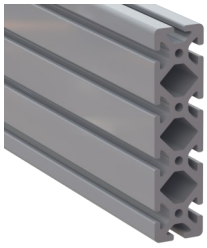


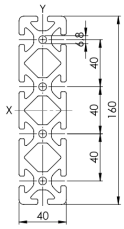
I840160L6N





I840160





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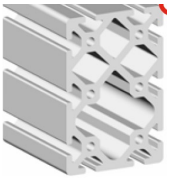
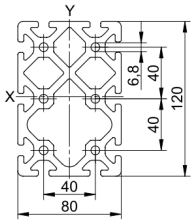
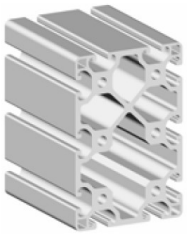
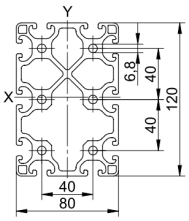




I880120L





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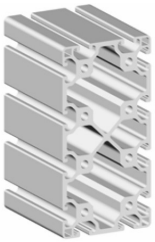
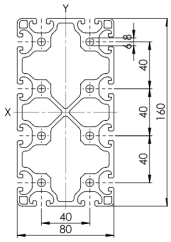


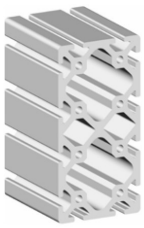


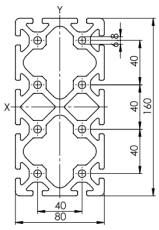
Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
160x40L	8	501,91	32,44	62,74	16,22	5,66	20,97	4	6000	**I840160L**
160x40L 4N	8	34,89	515,93	16,93	64,49	5,85	21,67	4	6000	**I840160L6N**
160x40	8	738,38	53,34	92,30	16,67	8,62	31,93	4	6000	**I840160**
120x80	8	574,22	274,63	92,99	68,66	10,76	39,86	2	6000	**I880120**
120x80L	8	422,46	202,75	68,44	50,69	8,12	30,08	2	6000	**I880120L**
160x80L	8	265,74	902,06	66,44	112,76	10,06	37,24	2	6000	**I880160L**

Materiał: aluminium anodowane
Material: anodized aluminium

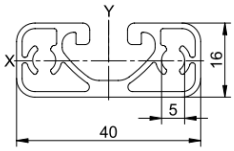
Profile aluminiowe z rowkiem 8 mm | *Aluminium profile with nut 8 mm*

I880160

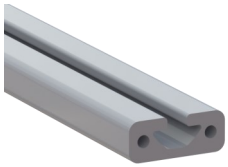


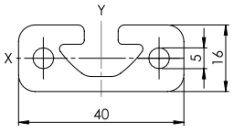


I81640E

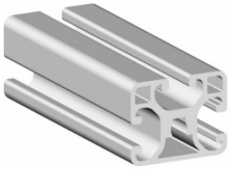


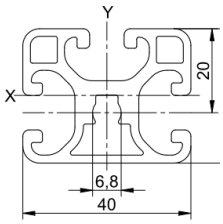
I81640



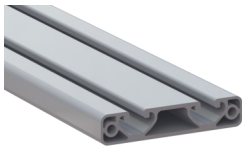


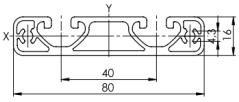
I84032L





I81680E





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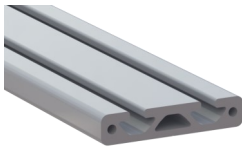
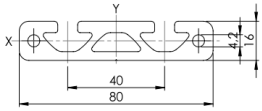


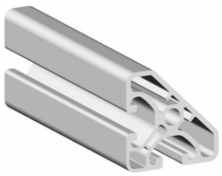


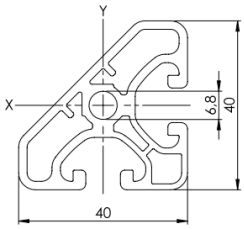
Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
160x80	8	362,26	1226,29	90,56	153,28	13,46	49,85	2	6000	I880160
40x16E	8	0,69	3,71	0,84	1,86	0,66	2,45	10	3000	I81640E
40x16	8	1,09	6,95	1,27	3,47	1,16	4,28	10	3000	I81640
40x32	8	5,00	7,03	3,10	3,52	1,32	4,90	10	6000	I84032L
80x16E	8	1,57	31,32	1,89	7,83	1,34	4,98	10	3000	I81680E
80x16	8	2,20	49,34	2,62	12,34	2,16	8,01	10	3000	I81680

Materiał: aluminium anodowane
Material: anodized aluminium

Profile aluminiowe z rowkiem 8 mm | *Aluminium profile with nut 8 mm*

I84040E45°





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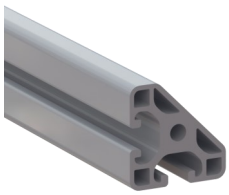
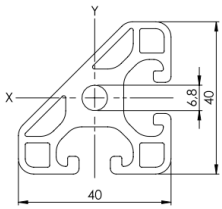
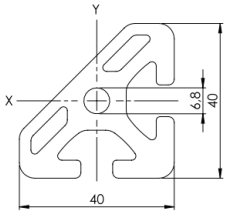




I8404045°



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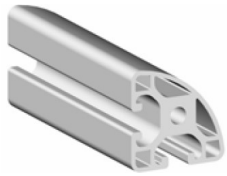
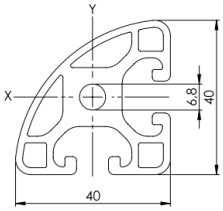
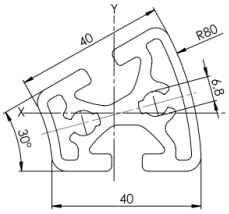




I840RR30



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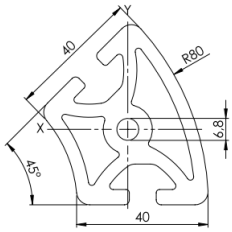
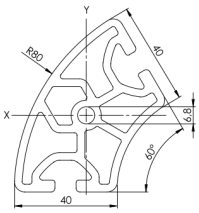


Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
40x40E-45°	8	5,95	5,95	2,60	2,60	1,23	4,54	8	6000	**I84040E45°**
40x40L-45°	8	6,63	6,63	2,95	2,95	1,50	5,57	8	6000	**I84040L45°**
40x40-45°	8	9,51	9,51	4,12	4,12	1,98	7,33	8	6000	**I8404045°**
R40L-90°	8	6,63	6,63	3,02	3,02	1,52	5,64	8	6000	**I840LR90**
R40/80-30°	8	6,56	8,99	2,91	3,83	1,68	6,22	6	6000	**I840RR30**
R40/80-45°	8	22,42	16,68	7,08	6,28	2,77	10,27	6	6000	**I840RR45**

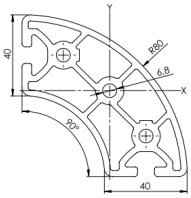
Materiał: aluminium anodowane
Material: anodized aluminium

Profile aluminiowe z rowkiem 8 mm | *Aluminium profile with nut 8 mm*

8 **I84040R60**



8 **I840RR90**

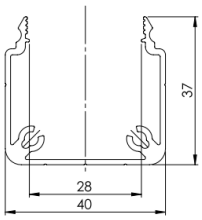


Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
R40/80-60°	8	35,44	22,89	9,33	7,59	2,86	10,6	6	6000	**I840RR60**
R40/80-90°	8	75,99	75,94	18,78	18,78	3,94	14,60	4	6000	**I840RR90**

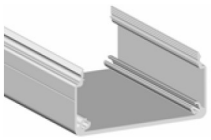
Materiał: aluminium anodowane
Material: anodized aluminium

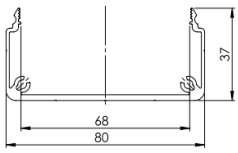
Profile specjalne | *Special profiles*

IKK4040

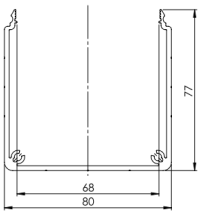


IKK4080

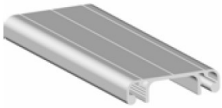


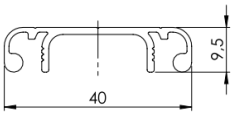


IKK8080

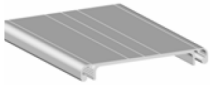


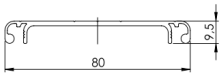
IKK40D



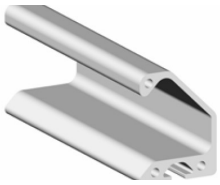


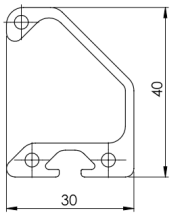
IKK80D





I5GL



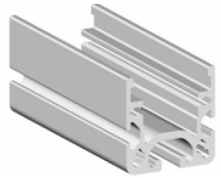


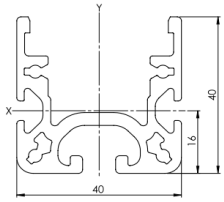
Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
Profil kanałowy U 40x40 SE	-	-	-	-	-	0,58	21,6	12	3000	IKK4040
Profil kanałowy U 80x40 D80 SE	-	-	-	-	-	0,91	33,82	8	3000	IKK4080
Profil kanałowy U 80x80 SE	-	-	-	-	-	1,53	56,7	8	3000	IKK8080
Profil pokrywy D40E	-	-	-	-	-	0,31	11,35	12	3000	IKK40D
Profil pokrywy D80E	-	-	-	-	-	0,55	20,4	8	3000	IKK80D
Listwa uchwytowa	5	-	-	-	-	0,77	28,4	10	3000	I5GL

Materiał: aluminium anodowane
Material: anodized aluminium

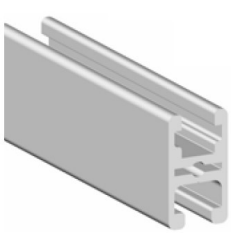
Profile specjalne | *Special profiles*

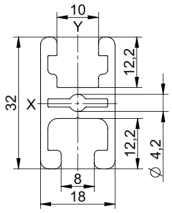
I8RP01 neo.Lean





I83218





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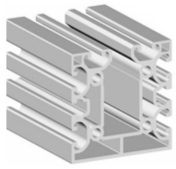

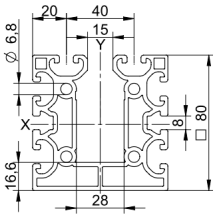

Profil aluminiowy *Aluminium profile*	Rowek *Nut*	Ix [cm^4]	Iy [cm^4]	W_x [cm^3]	W_y [cm^3]	Waga *Weight* [kg/m]	A [cm^2]	PE [szt] *[pcs]*	L [mm]	Kod # *Code#*
Listwa rolkowa 8 40x40	8	10,28	5,75	5,14	2,28	1,34	49,7	20	6000	**I8RP01**
Zaciskowy 32x18	8	1,87	1,10	1,15	1,22	0,67	2,49	10	6000	**I83218**
X 80x80 2N K15	8	115,58	129,64	28,21	32,41	4,94	18,28	4	6000	**I88080X2NPK**

Materiał: aluminium anodowane
Material: anodized aluminium