

THE CATALOGUE  
**OF THE STEEL  
REINFORCEMENTS**

FOR PVC  
WINDOWS



 **FERUM**  
Profil System





THE CATALOGUE  
**OF THE STEEL**  
**REINFORCEMENTS**  
FOR PVC WINDOWS



Welcome to the world of

# FERRUM - Profil System

profiles

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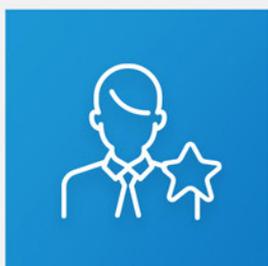


# FERRUM

Profil System

# A Polish company

## The world best quality



**Over 21 years**  
experience

**FERRUM – Profil System LLC, LP** is a European company from Częstochowa **dealing with the production and distribution of reinforcements for PVC windows** on the domestic and foreign market.

We took the first steps 21 years ago, producing steel profiles for the window, construction and fence industries. Thanks to many years of experience, a wide range of products, but also professionalism, sales continuity and timely deliveries, our company has become a leading producer of steel reinforcements.





We gain our experience all the time, **in cooperation with Polish and foreign companies**, whose expectations we are happy to meet.



Our production activity was also noticed and appreciated by others. In 2010, 2011, 2013 and 2020



we received

# THE BUSINESS GAZELLES AWARD

as one of the most dynamically developing companies.

Thanks to the acquired broad knowledge, improved skills and **maintaining the highest quality standards**, we have the possibility of comprehensive advice.



Winner of Forbes Magazine's Diamonds 2024

# Profile production at the highest level



Development  
**Technology**  
Innovation



Thanks to our modern solutions, the growing machinery park, the implementation of new technologies and continuous development, our recipients can count on products that meet their requirements.



In 2013, we completed the construction of a new plant and a production hall together with infrastructure,

which significantly enriched our technical facilities with new machines and devices, providing us with a wide range of technological possibilities, thanks to which we are able to react even faster to the needs of our customers and the entire market.



Varied  
**assortment**



High  
**performance**



Modern  
**apparatus**

# The process of the company creation

**2003**

the company was established, the first investments were made

**2005**

the production of steel reinforcements has started

**2004**

construction of the machinery park

**2008**

dynamic acquisition of new customers and production development

**2010**

the Business Gazelle for the most dynamically developing company

**2013**

the Business Gazelle completion of the construction of the new plant and the production hall with infrastructure

**2011**

the Business Gazelle decision to build a new plant and a production hall

**2016**

continuous development and acquisition of an increasingly broad range of customers - the domestic and foreign market

**2021**

the Business Gazelle further investments - the purchase of new modern machines, the implementation of new production technologies

**2024**

Winner of Forbes Magazine's Diamonds 2024 ranking in the category of companies with revenue levels between 50 and 250 million PLN in the Województwo Śląskie

# Company goals

- ✓ reaching more people with the offer
- ✓ **maximizing** market share
- ✓ The necessity of meeting competition through the implementation of new technologies - implementation of the technological strategy
- ✓ **increase** in the company's value by increasing profitability
- ✓ **increasing** the share of new products in sales
- ✓ maintaining employment
- ✓ **construction** of a sales network
- ✓ focus on **the development** of key services and products





## Production **on individual orders**

The correct course of individual production processes and the quality of our products are supervised by our qualified staff with appropriate knowledge along with the support of appropriate design tools.



flexibility



timeliness



the highest quality



The customer's wish is the supreme value for us, which is why **we produce our reinforcements based on the documentation of the ordering party,**

thanks to which we are able to provide our customers with profiles according to their individual needs and special purpose.

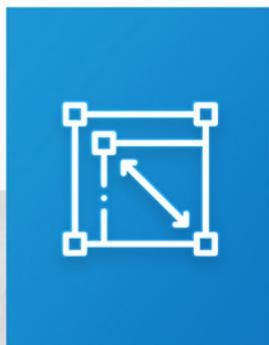


The modern machinery park allows us to offer both a wide range of products and **a short time of order processing.**

We focus on **comprehensive and professional advice,** from the moment of contact with the customer through production and delivery to the indicated address.

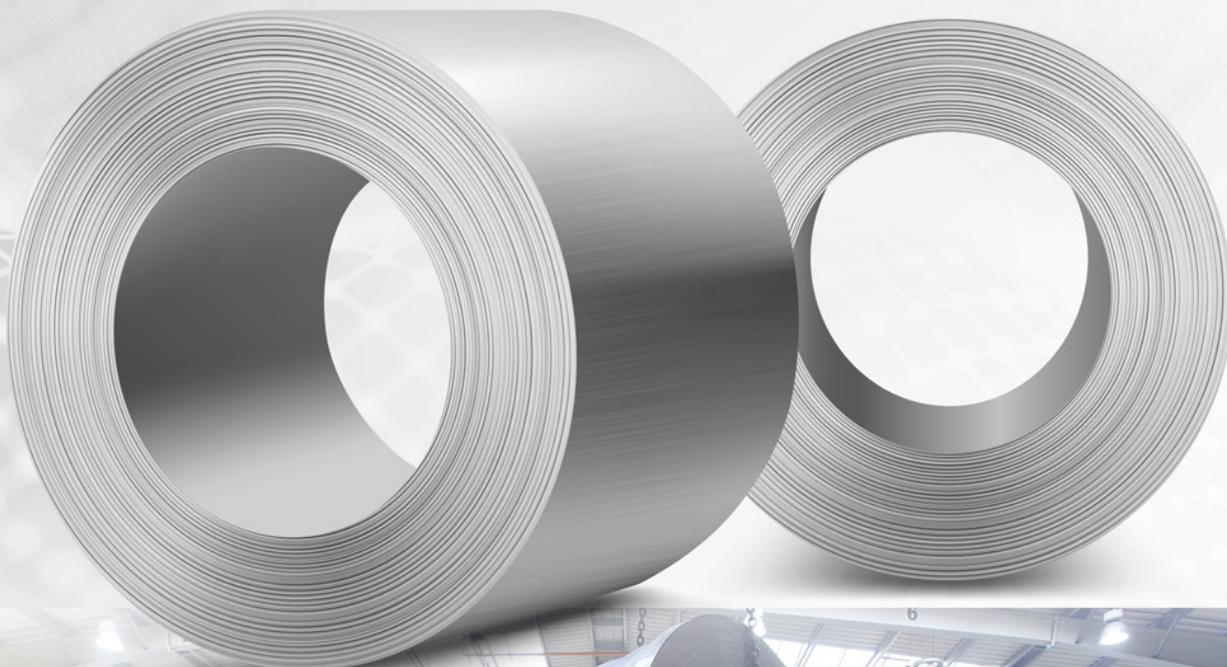


# Wide production range



Since the beginning of the company's activity in 2003, we have been engaged in the production of steel reinforcements made using **cold bending technology**.

in a wide range of sizes  
with a thickness of **0,5mm - 2,5mm**





# Rich product offer



While meeting all standards, we offer **cold-formed profiles** for the production of PVC windows, among others:



ALUPLAST • DECCO • BRÜGMANN / SALAMANDER • KBE  
PROFINE • GEALAN • WITAL • TROCAL • VEKA  
REHAU • KÖMMERLING • DECEUNINCK / INOUTIC • SCHÜCO

# Production process



The production of various types of steel reinforcements for PVC windows is made of **the highest quality galvanized sheet metal** that meets all the designated standards.

The production covers a wide range from the moment of slitting coils into mulds to the finished product. The final effect is certified products with complex shapes and a large range of sizes.





- **DX51 steel**
- Coating - hot-dip galvanized finishing **Z100 - Z275**
- Standard length **6 LM - 6.5 LM**
- Length at the customer's request **1.5 LM - 8.00 LM**
- Thickness **0.5 mm - 2.5 mm**
- Used for **PVC windows, in gates and sliding doors construction**

## Basic parameters



## **We work** with the best



FERRUM – Profil System LLC, LP provides high-quality products in line **with the European standards** meeting the expectations of even the most demanding customers.

Since the beginning of our activity, we have been cooperating with international companies, which makes us a reliable and trusted European partner in the supply of steel profiles. Our products are used in modern industrial sectors, and their production contributes to continuous development, leading to the necessity of new investments.

Thanks to the personal commitment and high professional qualifications of our employees, **we have been building our valued position** in the sections and profiles industry for years,

as evidenced by a constantly growing group of clients and cooperation with the largest producers in the window industry.





# Types of window systems



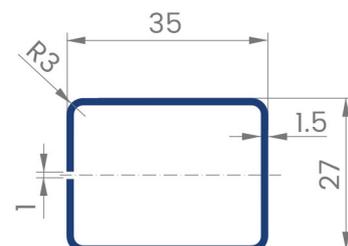
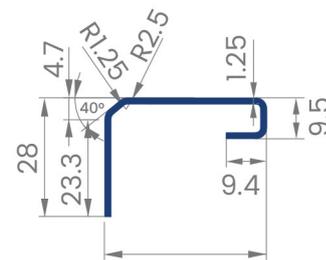
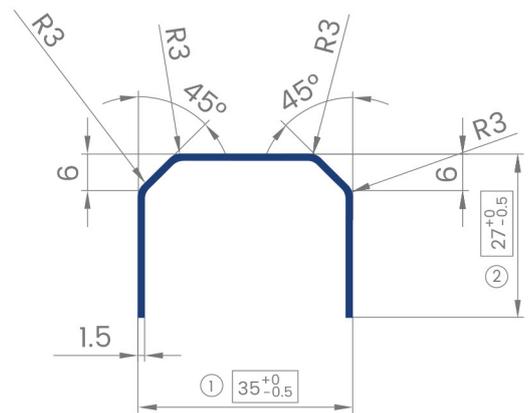
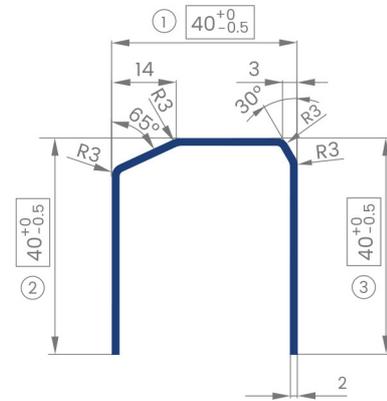
Steel profiles are steel reinforcements used to stiffen the PVC structure. Thanks to galvanized steel of various thicknesses inserted into the chambers of plastic profiles, windows achieve appropriate statics. Regardless of the season, an installed window is constantly exposed to various external factors that affect the durability of its structure. The action of atmospheric and mechanical factors causes the deformation of window structures. To prevent an excessive or permanent deformation of the structure, it is necessary to use reinforcements made of steel profiles in each window.

**Our company offers various solutions for reinforcing steel profiles, which are adapted in shape to window structures because there are many different systems.**

# Types of window systems

## Aluplast System

Symbol	Size (mm)	Thickness (mm)
259020	27 x 40	1,25
259021	27 x 40	2,00
229015	18,5 x 34,5 x 12	1,50
259105	30 x 32	1,25
259106	30 x 32	2,00
229023	27 x 35	1,50
229024	27 x 35 x 22	1,50
229024	27 x 35	2,00
229037	17,5 x 35 x 15	1,50
229029	17,5 x 35	1,25
229030	17,5 x 35	2,00
259043	20 x 40	1,50
259044	20 x 40	2,50
249016	29 x 32	1,50
209192	40 x 47	1,25
209193	40 x 47	2,00
229114	35 x 40	1,50
229110	15 x 35	1,50
229101	20 x 35	1,50
229063	9 x 48 x 14,5	2,00
259026	11,3 x 39,5 x 27,5	2,00
259067	26 x 27,5 x 48 x 9	2,00
229018	13 x 80	2,50
229119	20 x 25	1,50
269022	28 x 38	2,00
209006	28 x 32	1,25
209003	25 x 32	1,50
219103	21,5 x 35	1,50
259002	40 x 13,5 x 30	2,00
229027	27 x 35 x 8	1,50
209294	31,5 x 40	2,00
259031	40 x 54,2	2,00
229121	30 x 30	1,50
249018	29 x 35	1,50
229102	20 x 45	1,50
229103	20 x 45	2,50
209001	3,5 x 32	1,25
279029	40 x 47	1,50
229040	40 x 40	2,00
289066	28,5 x 45	2,00
229112	30 x 30	1,25
229115	35 x 40	2,00



## Aluplast System

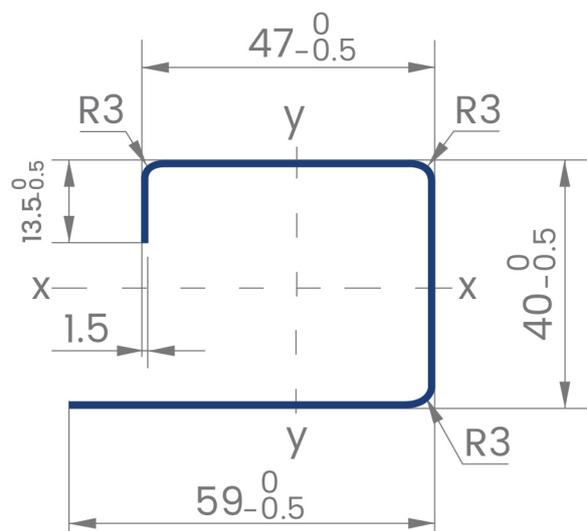
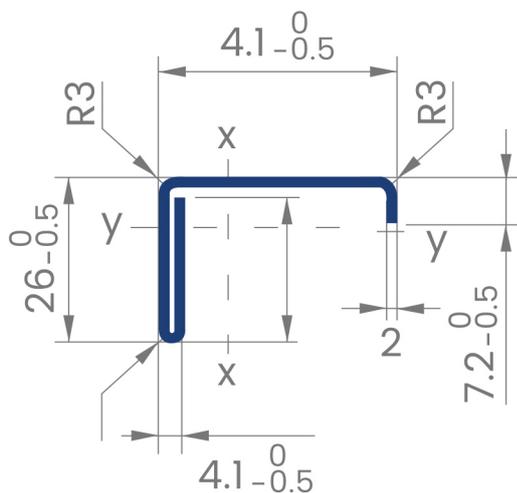
Symbol	Size (mm)	Thickness (mm)
279054	20 x 82,5	1,50
209005	12 x 26	1,50
229100	20 x 35	1,25
229101	20 x 35	1,50
229102	20 x 45	1,50
299944	25 x 30	1,50
229125	40 x 50	2,00
229018	13 x 80	2,50
249017	29 x 35	1,50
229121	30 x 30	1,50
SN 229101	20 x 35	1,50
249015	30 x 32	2,00
249014	30 x 32	1,25
249016	29 x 32	1,50
229026	27 x 35	2,00
269004	25 x 30 x 8,5	1,50
209193	40 x 47	2,00
209121	10 x 45	1,50
209004	32 x 52,5	1,25
249034	40 x 45	1,25
209002	15 x 32	1,50
259107	30 x 32	1,50
249035	40 x 45	2,00
249031	35 x 40 x 50	2,00
239129	20 x 30	1,50
239020	30 x 32 x 14	2,00
239019	32 x 30	1,50
229063	9 x 48 x 14,5	2,00
229113	30 x 30	2,00
229107	15 x 25	2,00
229040	40 x 40	2,00
229028	27 x 35 x 8	2,00
229015	34,5 x 12 x 18,5	1,50
279029	40 x 47	1,50
269020	28 x 38 x 9,5	1,50
269021	28 x 38 x 9,5	2,00



# Types of window systems

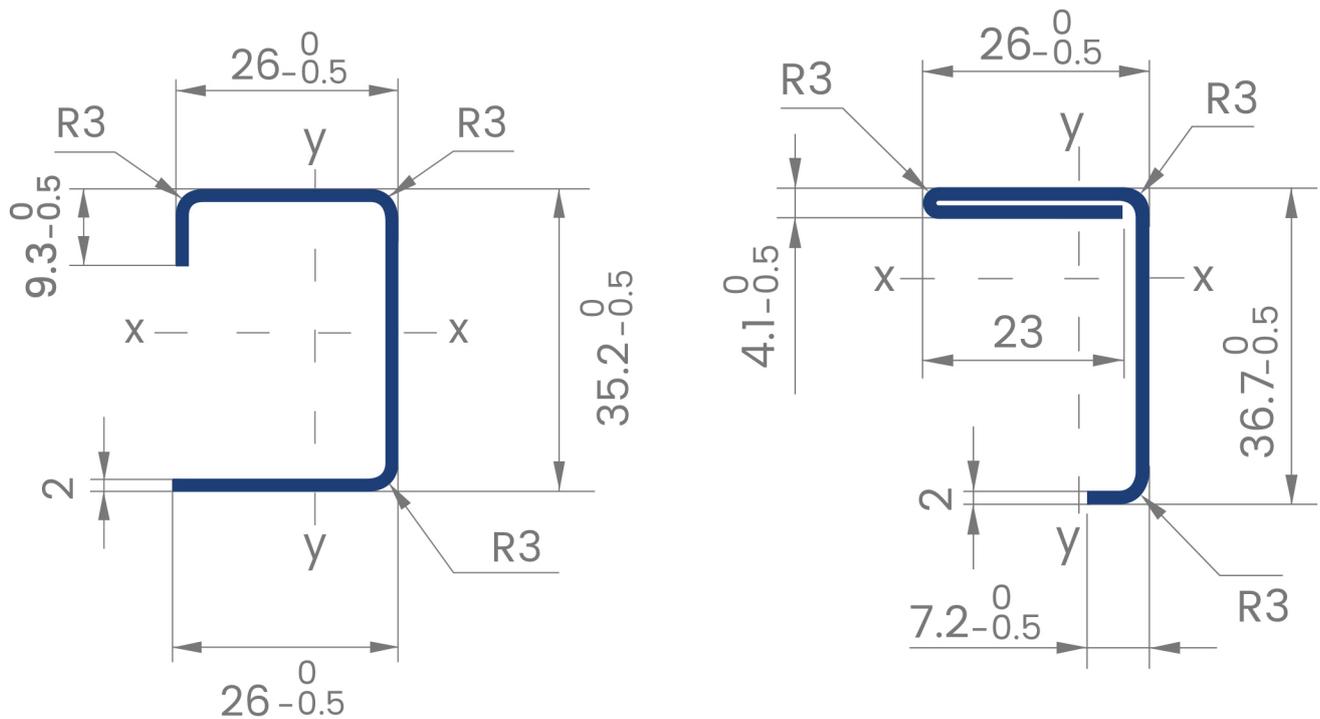
## Brüggmann / Salamander System

Symbol	Size (mm)	Thickness (mm)
VS1010-073	42 x 18,6	1,50
VS1020-073	42 x 26,6	1,50
VS1030-073	50 x 48,8	1,50
VS1050-073	28,6 x 39,8 x 26	1,50
VS1050-074	39,8 x 28,6	2,00
VS1120-073	42 x 26,6	1,25
VS1200-073	15 x 23,8 x 15	1,50
VS1410-073	36,5 x 30	1,50
VS3000-073	40 x 5 x 40	1,50
VS3020-073	25 x 40	1,50
VS3020-074	25 x 40	2,00
VS3030-074	35 x 40	2,00
VS3030-073	35 x 40	1,50
VS3040-074	50 x 50	2,00
VS4020-074	15 x 40	2,00
VS8020-074	26 x 30 x 26	2,00
VS8030-073	59 x 40 x 47 x 13,5	1,50
VS8050-074	26 x 35,2 x 26 x 9,3	2,00
VS8230-073	30,6 x 40 x 30,6	1,50
VS8300-074	11 x 37	2,00
VS8320-074	37 x 20	2,00
VS8450-074	40 x 45	2,00
VS8520-073	7,2 x 36,7 x 26 x 9	1,50
VS8620-074	7,2 x 36,7 x 26 x 23	2,00
VS9800-074	4 x 30 x 42,9 x 26	2,00
VS8420-074	30 x 30	2,00
715303-073	40 x 40	1,50
AR4630-074	60 x 40	2,00



## Brüggmann / Salamander System

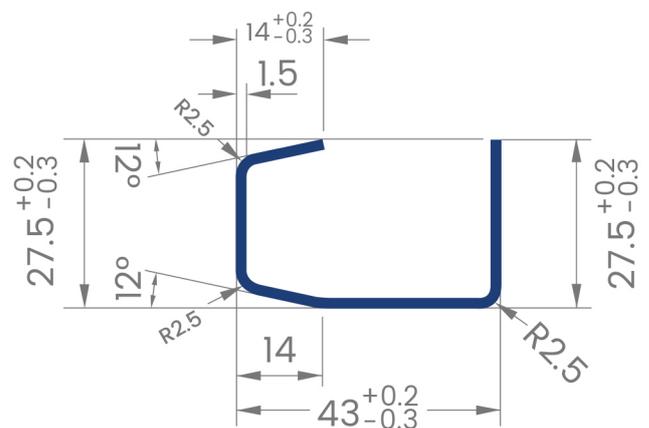
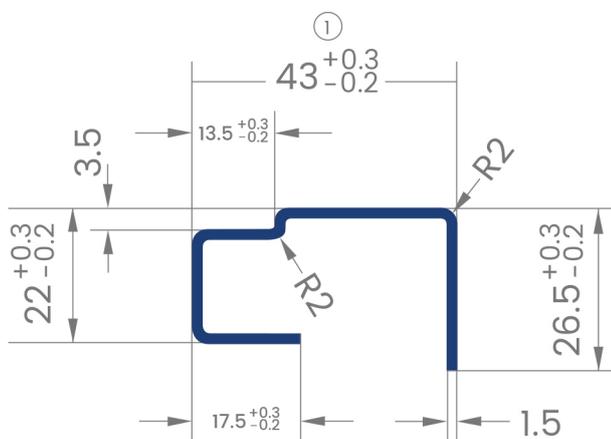
Symbol	Size (mm)	Thickness (mm)
455230-073	28 x 35	1,50
455230-074	28 x 35	2,00
455230-074	28 x 35	2,00
455235-073	28 x 35	1,50
415020-073	20 x 40	1,50
415020-074	20 x 40	2,00
215120-073	20 x 45	1,50
215120-074	20 x 45	2,00
475200-073	28 x 37	1,50
465023-073	20 x 14 x 37 x 28	1,50
465023-074	20 x 14 x 37 x 28	2,00
465006-074	24,5 x 39	2,00
465007-075	30 x 40	2,50
465001-073	27 x 30	1,50
465002-074	27 x 30	2,00
465020-074	24 x 27	2,00
465021-074	11 x 40	2,00



# Types of window systems

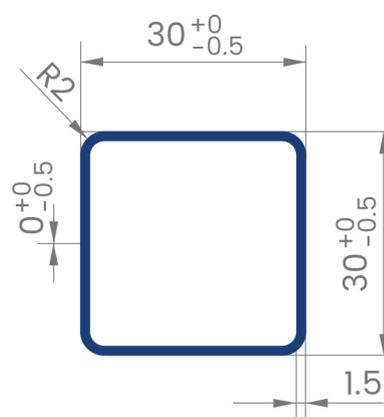
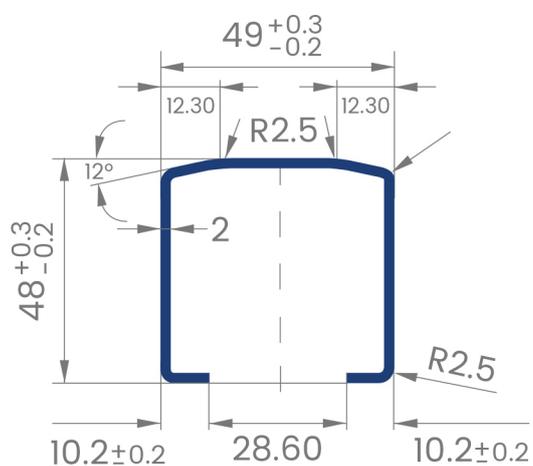
## Gealan System

Symbol	Size (mm)	Thickness(mm)
6705	26,5 x 30 x 26,5	1,25
6706	26,5 x 30 x 26,5	1,50
6708	26,6 x 26,5 x 26,5	1,50
6709	26,5 x 26,5	2,00
6711	19,5 x 44	2,00
6712	17,5 x 40	1,50
6713	26,5 x 43	2,00
6714	26,5 x 43	1,50
6716	26 x 40,5	1,50
6718	26 x 40,5	2,00
6737	26,5 x 26,5	2,00
7701	27,5 x 29,5	1,50
2720	20 x 30	1,50
2724	20 x 40	2,00
8701	27,5 x 43	1,25
8703	14 x 43 x 27,5	2,00
8704	27,5 x 46 x 8	1,25
8705	18 x 40 x 42,5	2,00
8706	20 x 48,5 x 46 x 48,5	1,50
8707	18 x 43 x 18	2,00
8710	27,5 x 35,5	1,50
8713	34 x 49	2,00
8715	28,5 x 28,5	1,50
8715	28,5 x 28,5	2,00
8716	28,5 x 28,5 x 28,5	1,50



## Gealan System

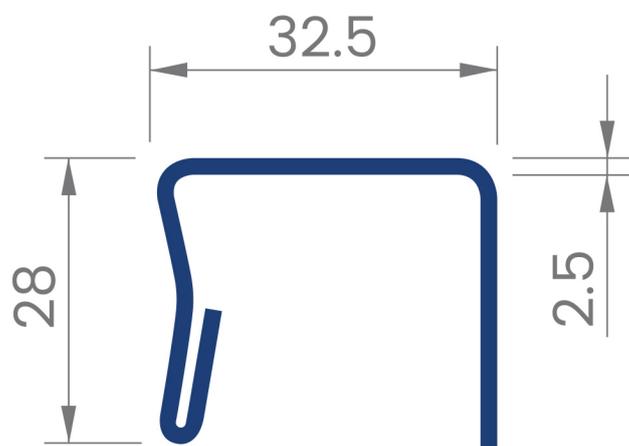
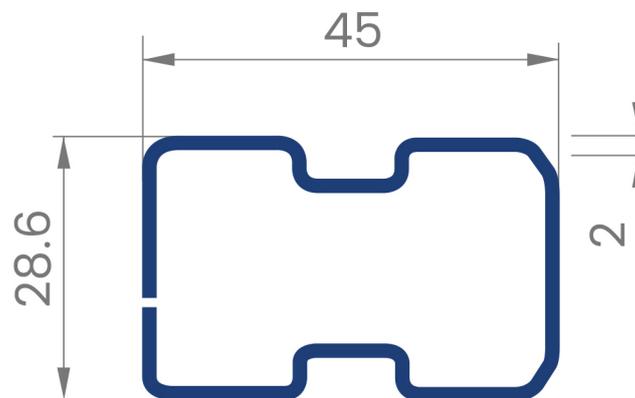
Symbol	Size (mm)	Thickness (mm)
8753	27,5 x 43 x 27,5	2,00
8751	27,5 x 43	1,50
8754	27,5 x 46 x 8	1,50
6383	48 x 49 x 48	2,00
6381	40 x 55	2,00
6715	26,5 x 26,5 x 26,5	2,00
6720	6 x 44,5 x 41,8 x 44,5	2,00
6724	57 x 17,5	2,00
6733	10,5 x 45,72	2,50
6742	60 x 11,5	2,00
6743	58 x 32	2,50
6744	17,5 x 28	1,50
6746	17,5 x 23 x 45	2,00
6747	40,5 x 26	1,50
6750	32 x 58	2,00
6754	32 x 58	1,50
6737	17,5 x 16 x 44	2,00
8723	28,5 x 31 x 8,5	2,00
8764	19,5 x 32,8 x 7,7	2,00
5880	33 x 43 x 33	2,00
7727	24 x 40,5 x 28,5	2,00
7737	40 x 40	2,00
7796	10 x 50	2,00



# Types of window systems

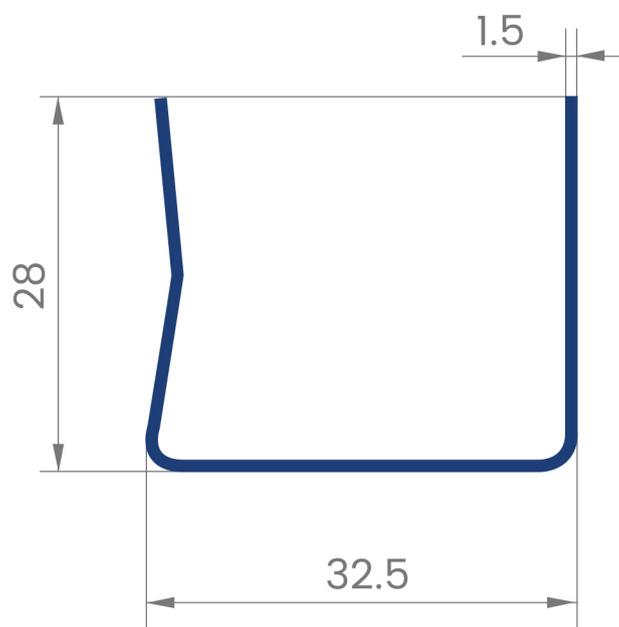
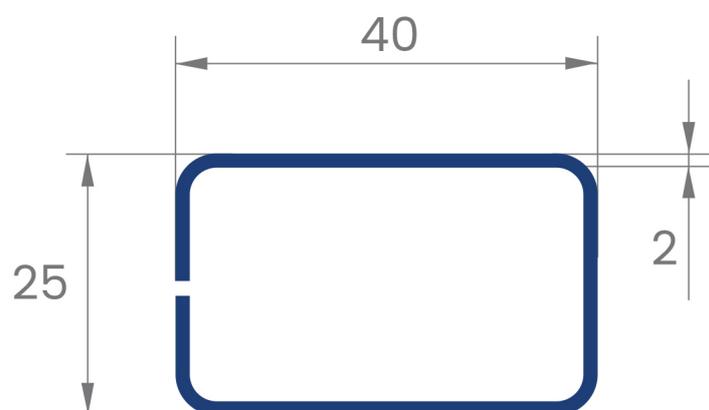
## Profine System

Symbol	Size (mm)	Thickness (mm)
V 303	28 x 32,5	1,50
V 329	28 x 32,5	1,25
V 328	28 x 32,5	1,25
V 306	28 x 32,5	1,50
V 308	28 x 32,5	2,50
V 309	28 x 32,5	1,50
V 310	28 x 32,5	2,00
V 307	28 x 32,5	2,00
V 258	20 x 40	1,25
V 299	17 x 33	1,50
V 312	13 x 33	1,50
V 313	35 x 45	1,50
V 314	45 x 35	2,00
V 316	17,5 x 40	1,50



## Profine System

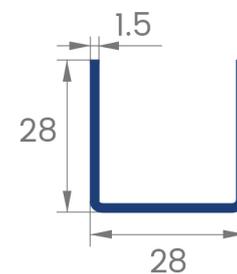
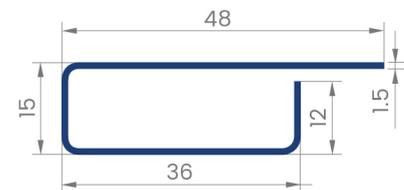
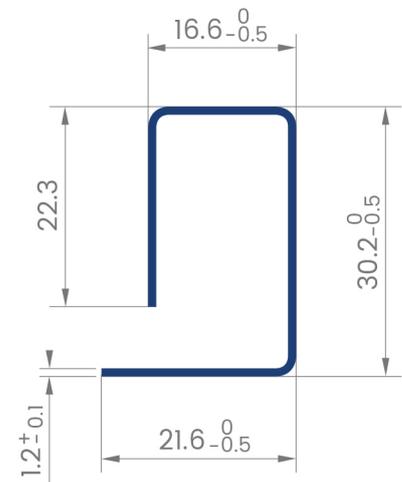
Symbol	Size (mm)	Thickness (mm)
V 317	25 x 40	2,00
V 318	28,6 x 45	2,00
V 320	28,6 x 37	1,50
V 331	15 x 57	2,50
V 353	45 x 35	1,50
V 371	44,4 x 41,4	2,50
V 388	27,5 x 46	1,25
V 389	46 x 28	2,00
V 399	16 x 28	1,50
V 500	28 x 32,5	2,50
V 600	14 x 37	1,25
V 601	23 x 38	1,25
V 326	45 x 35	2,00
V 315	20 x 34,5	2,00
V 107	20 x 44	2,00



# Types of window systems

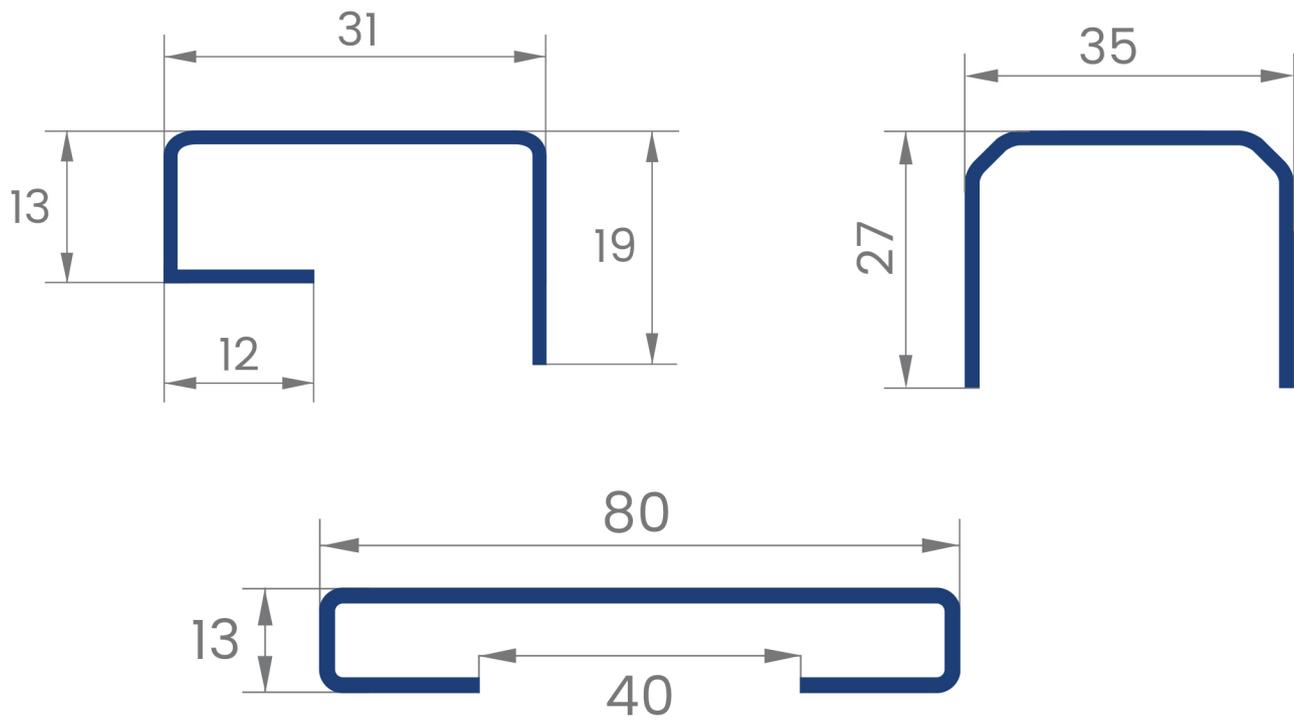
## Decco System

Symbol	Size (mm)	Thickness (mm)
90-100-10	28 x 28 x 28	1,25
90-100-10	28 x 28 x 28	1,50
90-101-10	28 x 28	1,50
90-236-10	40 x 40	2,00
90-244-10	34 x 55 x 9	2,00
90-118-10	15 x 28 x 17	1,50
90-251-10	14,3 x 42 x 28	2,00
90-234-10	30 x 47	1,50
90-248-10	36 x 52	1,50
90-141-10	12,5 x 32 x 47	2,00
90-247-10	30 x 45	2,00
90-224-10	22 x 27	1,50
90-246-10	30 x 45 x 30	1,50
90-124-10	20 x 42	2,00
90-152-10	28 x 36 x 7	1,25
90-273-10	15 x 48	2,00
90-153-10	20 x 42	1,25
90-157-10	9 x 28 x 34 x 28	2,00
90-154-10	9 x 28 x 36 x 7	1,50
90-122-10	15 x 27,5 x 41,5 x 27,5	2,00
90-156-10	28 x 34	1,50
90-243-10	28 x 34	2,00
90-150-10	24 x 34	1,50
90-124-10	20 x 42	2,00
90-112-10	20 x 42	1,50
90-108-10	8 x 17 x 28	1,50
90-106-10	28 x 28 x 28	2,00
90-104-10	20 x 42	1,50
90-103-10	20 x 33	1,50
90-102-10	28 x 30 x 7	1,80
90-226-10	19 x 59	2,50
90-125-10	14 x 28	1,50
85-100-10	50 x 45	2,00
85-500-10	50 x 40	2,00
90-159-10	9 x 28 x 34 x 28	2,50
90-110-10	28 x 32	1,50
90-173-10	12 x 36 x 15 x 48	1,50
90-128-10	15 x 17 x 28 x 17	2,50



## Wital System

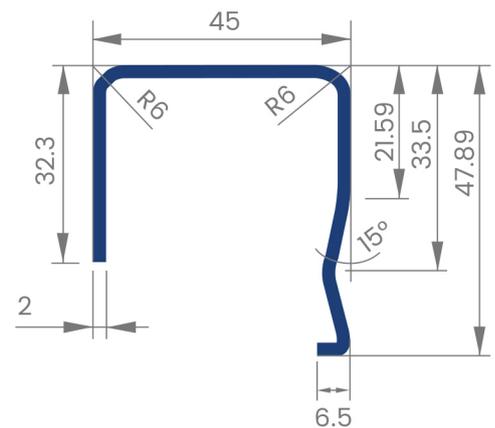
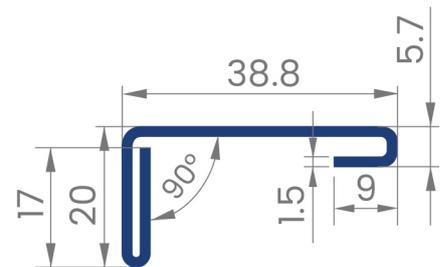
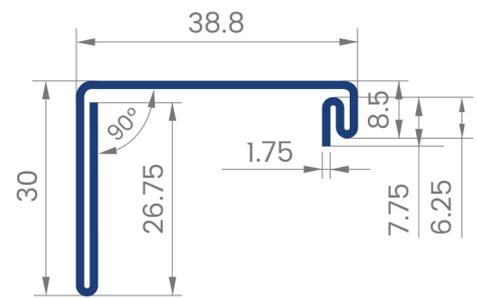
Symbol	Size (mm)	Thickness (mm)
L3828:	27 x 38 x 8	1,50
A3527:	35 x 27	1,50
B3527:	35 x 27	1,50
B3527	35 x 27	2,00
B4020:	40 x 20	1,50
B4X20:	40 x 20	2,00
B4040:	40 x 40	2,00
B4040	40 x 50	2,00
A3050:	30 x 50	1,50
A3050:	30 x 50	2,00
A3225:	32 x 25	1,50
A3225:	32 x 25	2,00
B3419:	34 x 19	1,50
B3419:	34 x 19	2,00
B4224:	42 x 24	2,00
B2822:	28 x 22	1,50
B2822:	28 x 22	2,00



# Types of window systems

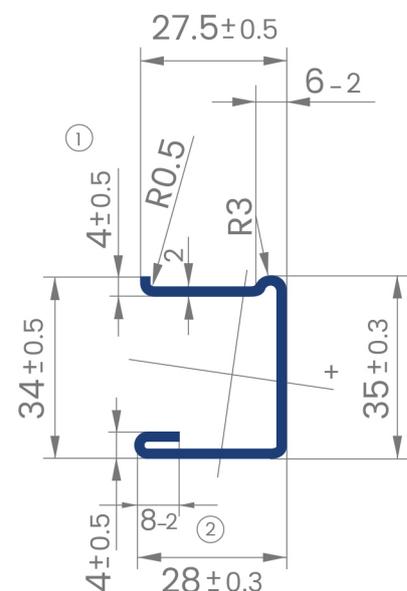
## Veka System

Symbol	Size (mm)	Thickness (mm)
113.461	30 x 38,8	1,50
113.462	30 x 38,8 x 8,5	1,75
113.463	30 x 38,8	2,00
113.471	20 x 38,8	1,50
113.472	20 x 38,8	2,00
113.465	30 x 36	1,50
113.466	30 x 36	2,00
113.468	30 x 36	2,00
113.001	40 x 30	1,50
113.002	30 x 25	1,50
113.010	27 x 36 x 6,5	1,50
113.019	30 x 20	1,50
113.025	30 x 30	2,00
113.025	30 x 30	1,25
113.025	30 x 30	1,50
113.047	20 x 50	1,50
113.047	20 x 50	2,00
113.055	30 x 15	1,50
113.270	32,3 x 45 x 47,9 x 6,5	1,50
113.271	38 x 30	1,50
113.281	40 x 40	2,00
113.292	29,7 x 38,8 x 8,5	1,50
113.292	29,7 x 38,8 x 8,5	2,00
113.293	29,7 x 45,1 x 8,5	1,50
113.294	29,7 x 38,8 x 8,5	1,80
113.013	50 x 10	1,50



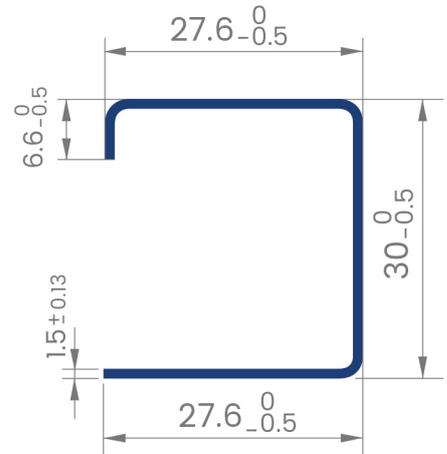
## Rehau System

Symbol	Size (mm)	Thickness (mm)
244.506	28 x 35 x 27,5	1,50
244.516	28 x 35 x 27,5	1,50
244.526	28 x 35 x 27,5	2,00
357.552	25 x 40	2,00
239.583	20 x 35	1,50
357.540	23 x 28	1,50
352.515	35 x 25	1,5
357.554	28 x 42,8	2,00
357.666	30 x 35	1,50
357.544	30 x 35	2,00



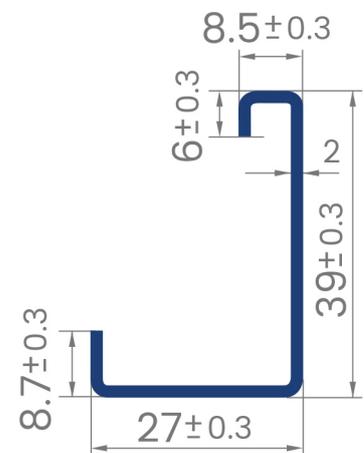
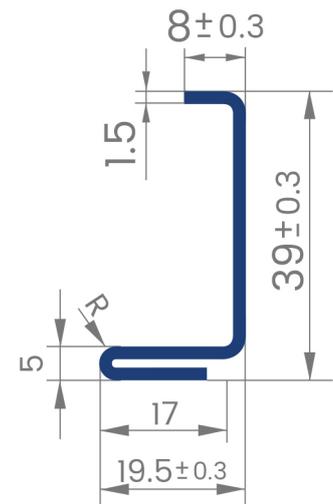
## Deceuninck/Inoutic System

Symbol	Size (mm)	Thickness (mm)
NAC 184/17042	11 x 27,6 x 35,6	2,00
NAU 184/17041	27,6 x 30 x 27,6	1,50
NAO184/17040	27,6 x 30	2,00
NAS 284/17136	30 x 42,6 x 30	1,50
NAL 184/17044	6,6 x 27,6 x 30 x 27,6	1,50
NA 65/14652	28 x 35	1,25
NA 65/14652	28 x 35	2,00
NA 65/14652	28 x 35	1,50
NA 7/14651	15 x 30	2,00
NA 70/14468	25,5 x 35	1,50
NA 70/14468	25,5 x 35	2,00
NA 44/14286	25 x 41,5	1,50



## Schüco System

Symbol	Size (mm)	Thickness (mm)
201202	33 x 37	1,50
202446	33 x 26	1,50
202446	33 x 26	2,00
202609	19,5 x 39	1,50
202610	19,5 x 39 x 8	1,50
202611	39 x 19,5	2,00
202617	46 x 41 x 37	1,50
202618	28 x 19,5	1,50
202623	22 x 40	1,25
202623	22 x 40	1,50
202715	28,5 x 32	1,50
202717	30 x 26	1,50
202719	30 x 36	1,50
202725	27 x 39	1,50
202726	27 x 39	2,00
202743	47,5 x 39,5 x 54,5	2,00
202752	28 x 35	1,50
202752	28 x 35	2,00
202718	30 x 26	2,50





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