

» The Profile System Inch

English
1/2020





MayTec System Technology



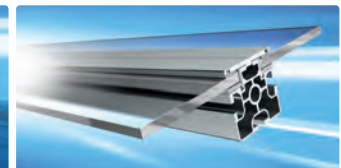
The Profile System



The Clean-Room System



Safety Barriers



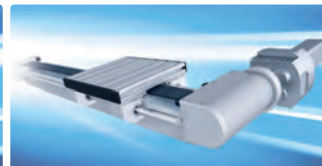
The Modular Wall System



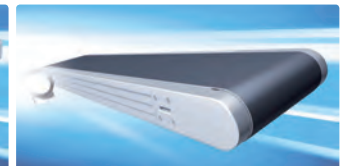
The Tube Clamping System



The Telescopic System



The Linear System



The Conveyor System



The Personnel Transfer System



The Skid Transfer System



The Dust Protection System



The Pipe & Joint System



The Trailer System

powered by

MayCAD
Design Software

MayTube
Design Software

The ideal profile system

MayTec offers a comprehensive, harmonised profile system. All profiles can be combined in any way conceivable.

The accessories provide functional and aesthetic solutions for a wide range of applications.

Applications

- machine bases
- machine enclosures
- machine guarding
- work stations

Service

The MayTec service is as versatile as the MayTec profile system.

You may choose:

- delivery of standard elements ex-factory
- delivery of profiles and accessories cut to size according to parts list for customer's assembly
- delivery of pre-fitted modular components
- delivery of completely assembled units
- assembly at your premises

- assembly and inspection stations
- transfer and supply trolleys
- partitions and protective walls
- protective and work cabinets

Implementation

The MayTec profile system is easy to process and quick to assemble. Its flexible and modular construction means it can be easily modified and is reusable at any time.

An experienced team will support you in implementing the MayTec system, tailored to your individual applications, taking into consideration your dimensions, loading capacity and stability.

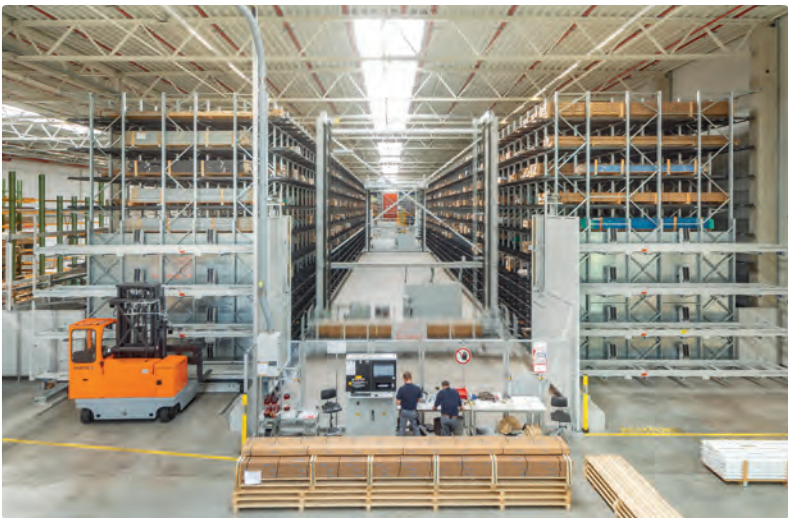
- special shelves
- plant equipment
- display systems
- exhibition cabinets and stands



MayTec GmbH plant in Olching



Accessory storage



Stock of aluminium profiles



Panel storage



Profile machining



General

Profile group

1", 1.5"

The profiles of the MayTec Profile System Inch are divided into two **profile groups (PG)**. They can be determined by the basic measure of each profile.

Slot

H-slot, F-slot, E-slot

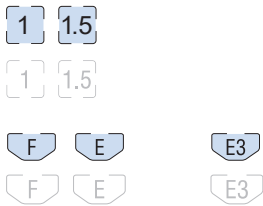
In order to connect the profiles or to mount accessories the profiles have slots. The MayTec Slot System (↗ 2.02) distinguishes between the three slot types H-slot, F-slot and E-slot, whereas E-slot exists as **E3-slot** and **E4-slot** (3 or 4 mm resp. .118 or .157 in. wall thickness).

The Profile System Inch uses only F-slot and E3-slot.

Symbols

Many articles (fastening elements, accessories and tools) can only be used especially for individual profile groups or slot types.

In this case these articles are marked with the corresponding symbols.



Profile group

dark symbol: suitable for the corresponding profile group

light symbol: not suitable


Slot type

dark symbol: suitable for the corresponding slot type


light symbol: not suitable

Remark

The symbol for the E-slot is used, if the article is (un)suitable for the two slot types E3 and E4.

 **Cut**

These articles are offered with cut.

 **Stainless steel**

These articles are made of stainless steel.

 **Cleanroom**

These articles are suitable for the use in and around cleanrooms.

 **ESD**

ESD protection



 **Attention!**

Important notice



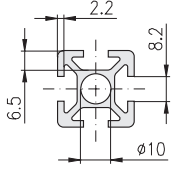
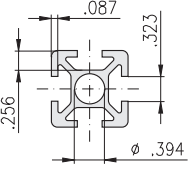


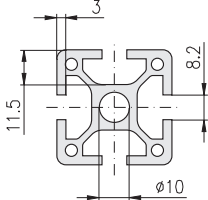
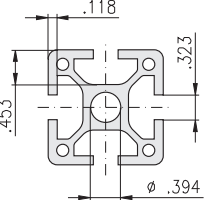
Abbreviations

PG	profile group	e.g.: PG 1" = profile group 1"
L	light	profile characteristic: light type of construction
S	heavy	profile characteristic: heavy type of construction
P	plain	profile characteristic: no ornamental slots





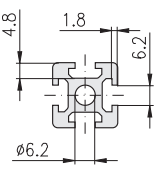
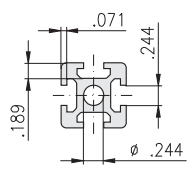




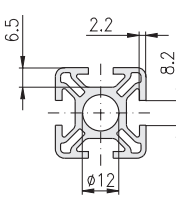
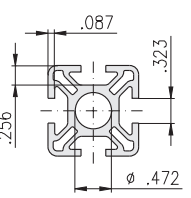




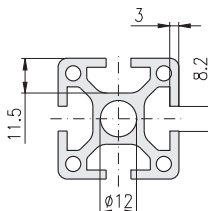
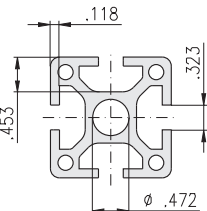




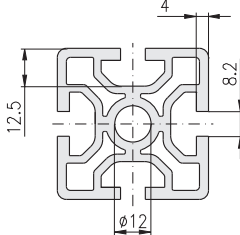
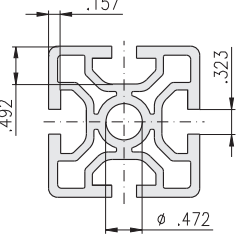
Special characters

	Placeholder Product No.	Example 2.31.F□.□□□□	identifies the products: 2.31.F4.08-32 2.31.F5.10-32 2.31.F6.1/4-20
	Reference	Example ↗ 14 ↗ 2.31 ↗ 2.31.F4.08-32 ↗ 2.31.F□.□□□□	reference to catalogue page 14 product number group 2.31 product 2.31.F4.08-32 group of articles 2.31.F□.□□□□

Inch-System

Cross section of slots	Dimensions		Core hole-Ø	Slot width	Slot depth	Wall thickness	PG
	mm	inch					
F-slot  			mm				
			10.0	8.2	6.5	2.2	1"
			inch				
			.394	.323	.256	.087	
E3-slot  			mm				
			10.0	8.2	11.5	3.0	1.5"
			inch				
			.394	.323	.453	.118	

Metric-System

Cross section of slots	Dimensions		Core hole-Ø	Slot width	Slot depth	Wall thickness	PG
	mm	inch					
H-slot    			mm				
			6.2	6.2	4.8	1.8	20
			inch				
			.244	.244	.189	.071	
F-slot    			mm				
			12.0	8.2	6.5	2.2	20 30
			inch				
			.472	.323	.256	.087	
E3-slot    			mm				
			12.0	8.2	11.5	3.0	40
			inch				
			.472	.323	.453	.118	
E4-slot    			mm				
			12.0	8.2	12.5	4.0	45 50 60
			inch				
			.472	.323	.492	.157	



Product key

2.03

Profiles

2. 1 □ . □□□□□□ . □□□□□	Key	¹⁾ 1 = 10 mm (.394 in.)
2. 1 □ . □□□□□□ . □□□□□	Core hole-Ø ¹⁾	²⁾ 2-digit off 10 slots
2. 1 □ . □□□□□□ . □□□□□	Profile width	³⁾ 0 = Round
2. 1 □ . □□□□□□ . □□□□□	Profile height (all, but special profiles)	1 = Soft
2. 1 □ . □□□□□□ . □□□□□	Number of degrees (round profiles)	2 = Corner
2. 1 □ . □□□□□□ . □□□□□	Number of edges (special profiles)	3 = Cubic
2. 1 □ . □□□□□□ . □□□□□	Slot quantity ²⁾	4 = Rectangle
2. 1 □ . □□□□□□ . □□□□□	Contour ³⁾	7 = Angle
2. 1 □ . □□□□□□ . □□□□□	Version light	8 = Angle 45°
2. 1 □ . □□□□□□ . □□□□□	Version heavy	9 = Special
2. 1 □ . □□□□□□ . □□□□□	Type B	
2. 1 □ . □□□□□□ . □□□□□	Version light, Type B	
2. 1 □ . □□□□□□ . □□□□□	Plain	

Connectors
- general

2. 2 □ . □□□□□□	Key	¹⁾ 1 = 10 mm (.394 in.)
2. 2 □ . □□□□□□	Core hole ¹⁾	²⁾ 10 = 1 in.
2. 2 □ . □□□□□□	Profile width ²⁾	20 = 1.5 in.
2. 2 □ . □□□□□□	Head-variant ³⁾	³⁾ E = E-head
2. 2 □ . □□□□□□	Connection-variant ⁴⁾	F = F-head
2. 2 □ . □□□□□□	Stainless	H = H-head
2. 2 □ . □□□□□□	Ground	V = Extension
2. 2 □ . □□□□□□		⁴⁾ 0 = Universal / Neutral
□/□	Special cases:	1 = Standard
□/□	Parallel-connector across and high	2 = Standard 90°
□/□	Profile width for cross bushing	4 = Square head
□/□	Profile width for anchor	5 = Parallel

-Oblique-hinge

2. 2 □ . □□□□□□	Key	¹⁾ 1 = Standard
2. 2 □ . □□□□□□	Oblique-connector, hinge	2 = Standard 90°
2. 2 □ . □□□□□□	Connection-variant ¹⁾	
2. 2 □ . □□□□□□	Stainless	

-Miter-hinge

2. 2 □ . □□□□□□	Key	¹⁾ 1 = Standard
2. 2 □ . □□□□□□	Miter-connector, hinge	2 = Standard 90°
2. 2 □ . □□□□□□	Connection-variant ¹⁾	
2. 2 □ . □□□□□□	Stainless	

-Screw-type

2. 2 □ . □□□□□□ / □□	Key	¹⁾ 1 = Standard
2. 2 □ . □□□□□□ / □□	Screw-type-connector	
2. 2 □ . □□□□□□ / □□	Type of anchor ¹⁾	
2. 2 □ . □□□□□□ / □□	Thread	
2. 2 □ . □□□□□□ / □□	Thread-Ø	
2. 2 □ . □□□□□□ / □□	Screw special length	
□/□	Special cases:	Screw-type connector parallel across and high
□/□	Profile width for cross bushing	
□/□	Profile width for anchor	