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**alfer**<sup>®</sup>  
aluminium

**combitech**<sup>®</sup> system  
**logika**<sup>®</sup>



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**Dear customers,**

**logika**® is a new addition to the **combitech**® systems in the form of a logically perforated profile. **logika**® profiles enable you to build shelves, tables, steps, and much more. This will enable you to create order in rooms or vehicles.

The holes in the profiles are made in such a way that they are as small as possible but as big as necessary to ensure high stability and so that, for example, at least three brackets will fit on top of each other and a further bracket can be screwed in place vertically to the others. The gap between the holes is 25 mm as with the door hinges and the shelf base gaps in the furniture construction range.

The profiles are available in steel or aluminium.

## Good reasons to choose **logika**® profiles



The **logika**® profile range comes in steel and aluminium. Aluminium has the great natural advantage that it does not rust and so can also be used in outdoor and wet areas (e. g. in plant nurseries, greenhouses, on ships or market stalls, or in cold storage rooms, garages, basements, etc.).

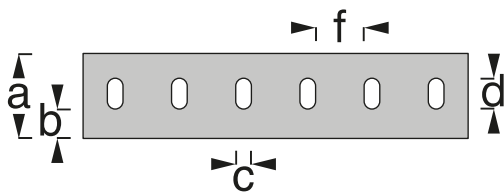
In addition, aluminium perforated rails have the great advantage that they are much lighter than steel perforated rails. They are therefore ideal for shelving and organisation systems in delivery vans and building site vehicles.

Another major advantage over steel profiles is that aluminium perforated rails can be anodised, which gives them a particularly attractive and high-tech look. This makes them especially suitable for use in furniture design (sideboards, desks, base frames for home entertainment appliances, shelving in modern living areas, etc.).

We also have a whole product range with **logika**®: not only brackets with equal and unequal members and a flat bar, but also a U-profile, a T-profile and a square tube. These three additional profile types (total: six types) can be very important depending on the structure being created and offer great additional benefits.

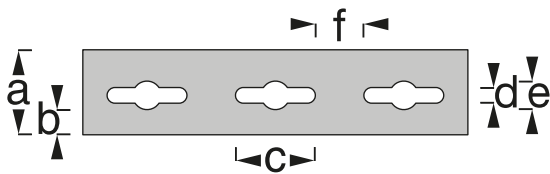
Some of these six profile types come in four sizes (7.5 mm, 15.5 mm, 23.5mm and 35.5mm), which can all be combined/ assembled with one another as the distances from centre hole to centre hole fit exactly on top of the two gap sizes 25.0mm and 12.5 mm (12.5 mm × 2 hole gaps also equals 25.0mm).

### Long hole



Dimension a	Dimension b	Dimension c	Dimension d	Dimension f
7.5mm	2.2mm	2.1mm	3.1mm	10.4mm
15.5mm	4.4mm	3.1mm	6.7mm	9.4mm
23.5mm	6.65mm	5.1mm	10.2mm	19.9mm
35.5mm	11.75mm	6.1mm	12.0mm	18.9mm

### Keyhole



Dimension a	Dimension b	Dimension c	Dimension d	Dimension e	Dimension f
7.5mm	2.2mm	14.6mm	2.1mm	3.1mm	10.4mm
15.5mm	4.75mm	15.6mm	3.1mm	6.0mm	9.4mm
23.5mm	7.35mm	30.1mm	5.1mm	8.8mm	19.9mm
35.5mm	12.2mm	31.1mm	6.1mm	11.1mm	18.9mm

## Good reasons to choose the system accessories



The range includes screws for joining different profiles. The shorter screws of a size can be used, for example, to join two brackets. The medium screws of a size can be used, for example, to join a bracket to a square tube and the longer screws to join two square tubes.

The range also includes two plastic (PA) shelf feet for 23.5 mm and 35.5 mm brackets with equal members. These protect the floor from the edges of the profiles.



However, you can also use all **combitech**<sup>®</sup> standard accessories for your designs. These include end caps, a step drill, gussets, nuts, washers, rubber buffers, springs, lifting eye nuts, knurled nuts, anchor nuts, a hand wheel, connection sleeves, hinged plates, eye bolts, tensioners, adjusting rings, etc. These parts further increase the range of potential uses.

# Aluminium system profiles



Flat bar



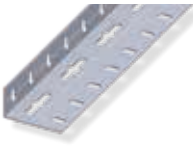
Square tube



U-profile



Bracket,  
equal members



Bracket,  
unequal members



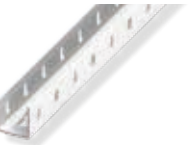
T-profile

The aluminium perforated system profiles are available uncoated or silver-anodised.

# Steel system profiles



Flat bar



U-profile



Bracket,  
equal members



Bracket,  
unequal members

The steel perforated system profiles are available galvanised or white coated.

# Ideas and possibilities



Information desk



Shelving unit



Plant shelf



## Useful tips from the professionals



Use the right screw set for every **logika**® size:

**logika**® profile, 7.5 mm  
M2 screw set

**logika**® profile, 15.5 mm  
M3 screw set

**logika**® profile, 23.5 mm  
M5 screw sets

**logika**® profile, 35.5 mm  
M6 screw sets

The M2 and M3 screw sets are available in one length. Sizes M5 and M6 come in three lengths:

- Use the shorter screws to join two angle brackets.
- As the range also includes square tubes, you need the medium length screws to join a square tube and an angle bracket.
- Use the long screws to join two square tubes.

Various units can be made with the **logika**® brackets and screws, for example shelves. The holes in the profiles make drilling unnecessary.

## Notes – materials



All **logika**® profiles are naturally produced in the standardised **combitech**® system dimensions with the practical **combitech**® drilling alignment grooves. This puts the whole **combitech**® system at your disposal for all your ideas. Due to the materials used and the surface treatments, all our aluminium profiles are hygienic, antiseptic, resistant to environmental conditions and easy to clean, making them ideal for use in the food and outdoor sectors.

Furthermore, all **logika**® aluminium profiles weight far less than most of the other perforated rails available on the market. This makes them ideal to use for shelving and organisation systems in delivery vans and building site vehicles, particularly from the viewpoint of saving fuel and providing added security due to shorter braking distances.

## Notes – technical diagrams

### Dimensions

The dimensions indicated in this brochure are approximate values and may deviate slightly in either direction.

### Product versions

We reserve the right to make modifications in the interest of technical progress and product improvement.

### Warranty

As this is an abridged brochure, no liability can be accepted for either individual cases or the reproduction of the models shown.

### Colours

The colours depicted may vary slightly from the original products.

### Important notice

The following trademarks (®) are registered to **alfer**® aluminium Gesellschaft mbH, D-79793 Wutöschingen :

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<b>alferpro</b> ®	(EU)
<b>aluvally</b> ®	(EU)
<b>clipstech</b> ®	(EU) (MEX)
<b>coaxis</b> ®	(EU) (MEX)
<b>combitech</b> ®	(EU) (CH) (MEX)
<b>ferroplatan</b> ®	(EU)
<b>logika</b> ®	(EU)
<b>verando</b> ®	(EU) (CH)
<b>x-star</b> ®	(EU)

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## alfer® hardware range



### **combitech® system · basis**

System profiles · metric threaded rods and threaded tubes · system accessories · tool range

### **combitech® system · connect 23.5 mm**

Connect connectors 23.5 mm · system profiles 23.5 mm · system accessories

### **combitech® system · model construction**

Connect connectors 7.5mm · System profiles 7.5 mm · system accessories

**logika®** profiles · metric threaded rods · expanded metal, smooth, embossed and perforated sheets

### **combitech® system · sheets, plates and accessories**

Plastic panels · smooth, embossed, perforated and expanded sheets ·

Prismatech · Multitube · checker plate profiles · accessories

### **Profiles for DIY and professional purposes**

Standard profiles made from aluminium, brass, plastic, steel, stainless steel  
clampline clamping aluminium profiles

### **Steel profiles**



## alfer® building material range



### Tile edgings

Angle, round, quarter-circle and square tile edgings · tile edgings for steps  
LED profiles · joint cover profiles and expansion joint profiles · wet sealing  
profiles **clipstech**® system profiles · balcony angle · mats and accessories

### Floor and room profiles

Cover and joint cover profiles · edging, level balancing, angle edging and  
end profiles · step edging profiles · Edge protecting profiles · Baseboard and  
buckling angles

### Profiles for parquet, laminate and designer floors

**clipstech**®, **clipstech**®-vario, **clipstech**®-plus, **clipstech**®-mini, optifloor  
and renovation System profiles and accessories · cover, level balancing,  
wall edging and edging profiles · Edge profiles, drilled

### verando® Decking boards

**verando**® combines sophisticated design and sustainability.

The weatherproof profiles, mainly made of rice husks, are more durable than  
other wood or wood substitute products, they don't splint, crack or swell.



## alfer® classification system range



### **combitech® system · logika®**

The logically perforated profile range: **logika®** profiles and **logika®** accessories

### **combitech® system · coaxis®**

The coaxial system profiles: system profiles, accessories and tools · wall and ceiling hooks

### **Storage range**

System rails and accessories · profile hooks, clothes hooks and utensils supports · bicycle stands · shelving brackets · Furniture construction profiles and plant trolley





