

# UNIVERSAL FAST BRACKET

## USER GUIDE

### **PURPOSE**

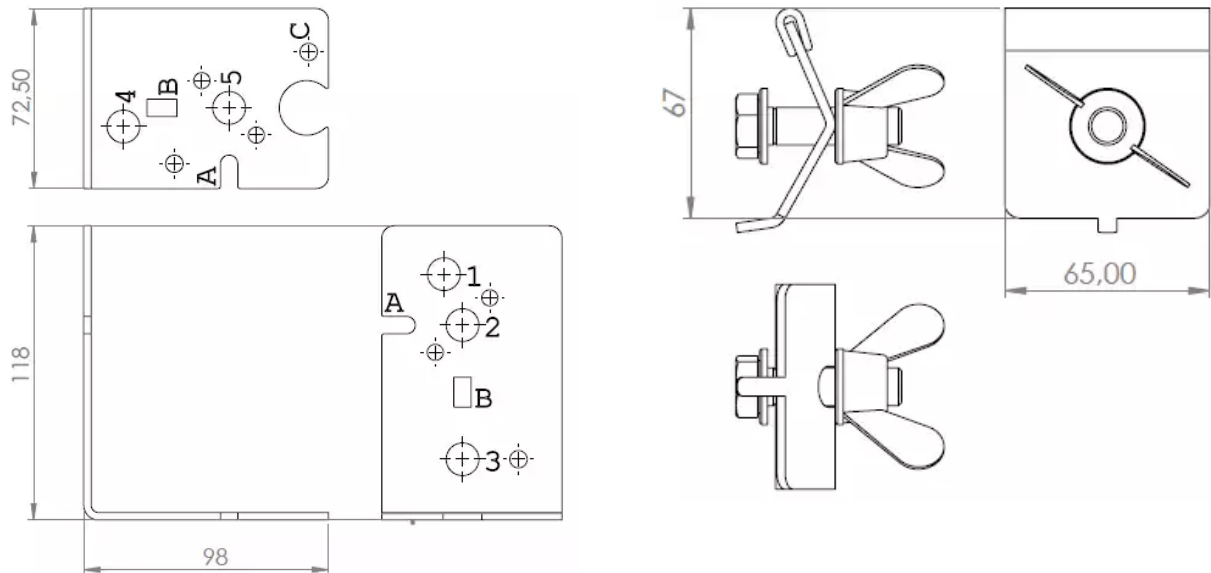
The universal fast bracket - UFB - is a fastening accessory to quickly mount automatic lubricators and/or distributor blocks on various industrial supports. This equipment is particularly interesting in the following cases:

- When accessibility and/or available time makes a traditional installation difficult or impossible
- When only manual tools are allowed for the installation (ATEX environments, fire permits)
- When the installation is temporary - for test or validation purposes.

### **DIMENSIONS**

Universal bracket element

Fast clamp kit



## **PRINCIPLE**

The UFB consists of two parts, made of A2 stainless steel:

1. A universal bracket compatible with:

- any lubricator having a G1/4" M outlet,
- any U-type progressive distributor block - DB - from 2 to 12 outputs: IHI, HALSLUBE, ARYUNG, KLT,
- M12 inductive sensors for DB indicating rods,
- the MEMOLUB SPLITTER accessory.

2. A fast clamp with M12 bolt (19mm spanner) for a one-step, one-tool mounting of the bracket on various supports:

- Vertical and horizontal beams, up to IPE/IPN/UPE/UPN600, HEA500, HEB360, HEM160,
- Metal gratings and grid panels,
- Vertical, horizontal, left- and right-sided thin walls (max 25mm thick).

## **IMPORTANT NOTES**

The UFB is immune to vibrations, but has a limited clamping force due to the folded shape of the clamp part. Therefore the M12 bolt should be tightened until the clamp - or the bracket - begins to (un)fold.

The UFB may be used for multipoint systems, by combining distributor blocks with pumps. In the particular case of memolub systems, we always recommend removing the pump from its support prior to changing cartridges and/or batteries.

The items supported by the bracket may be assembled indifferently before or after mounting the UFB on its support.

Note that the universal bracket is also compatible with traditional mounting through M6-bolts (drilled support). This allows to:

- localize and/or secure the fastening of a fast-clamped bracket, or
- use the bracket alone, without the fast clamp.

# CONFIGURATIONS

## CONFIGURATION CODING

On the universal bracket the 1/4" holes are labelled with numbers, while notches are labelled with letters. This allows to accurately define mounting configurations by specifying:

- Where the clamp bolt is inserted
- Where the clamp tooth is engaged
- Where the lubricator outlet, the inductive sensor OR the memolub splitter output are located

The configuration is then a 3-digits code arranged as follows:

Position for M12 BOLT	Position for clamp tooth	Position for the G1/4" lubricator outlet, the DB indicating rod or the MEMOLUB SPLITTER*
5	A	1

\*The configurations ensure that the mounted elements are consistently positioned outside the bracket, i.e., on the unengraved side. For distributor blocks, the indicating rod will consistently align with the designated hole for the inductive sensor, serving as a positioning reference.

## CONFIGURATIONS TABLE

Each configuration in the table below refers to a code explained in the above table. Actually there are many other configurations possible, but they may interfere with mounting tools or accessories - like indicating rods or cables.

Mounted part	Horizontal wall	Vertical wall, right edge	Vertical wall, left edge	Vertical wall, top edge	Others (vertical wall/bottom edge, metal gratings, grid pannels)
GI/4" Lubricator	3B1	2A5	5A1	5C1	5B1
DB + elbow	5B1	2A4			
Splitter	3B2	2A5	5A2	5C2	5B2

Mounted part	Horizontal wall	Vertical wall, right edge	Vertical wall, left edge	Vertical wall, top edge	Others (vertical wall/bottom edge, metal gratings, grid panels)
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As there are two possible inlet ports for MEMOLUB U-type distributor blocks (one being factory-sealed off), the number of possible configuration can be doubled if the elbow M-F G1/8"-G1/4" and the sealing plug are exchanged. This has to be considered according to the customer requirements and preferences.

## INSTALLATION

- Choose the support where the UFB shall be clamped. According to the supported items, select the code given in the configuration table.
- Insert the M12 screw in the hole labelled with the first number of the code - here 5, with its head and one washer inside the bracket (where the labels are engraved).
- For metal gratings or grid panels, place the bracket side holding the screw on the structure, with the screw through it.
- Place the clamp on the M12 screw at the other side of the bracket - and the structure in the case of grids or gratings, followed by one washer and the M12 wing nut. For wall mounting, place the tooth of the clamp in the notch labelled with the letter in the middle of the configuration code (here A).
- In case of wall mounting, engage it between the bracket and the clamp. The M12 screw must remain perpendicular to the bracket, while put into contact with the wall edge.
- Tighten the M12 with a 19mm spanner by holding the wing nut with your other hand. Stop screwing when you see either the bracket or the clamp (un)folding.
- The last number of the code indicates the hole label where the lubricator (a,b) or splitter (c) outlet fits into, or alternatively the hole facing the indicating rod of the DB to be mounted (d). Refer to their own mounting guide to complete the installation.