

# PFEIFER Mounting Bushings with Dywidag Thread

Item-No. 05.172

We recommend Mounting Bushings to be used only for fixing where a general technical approval is not needed.



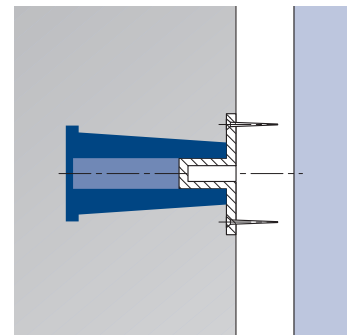
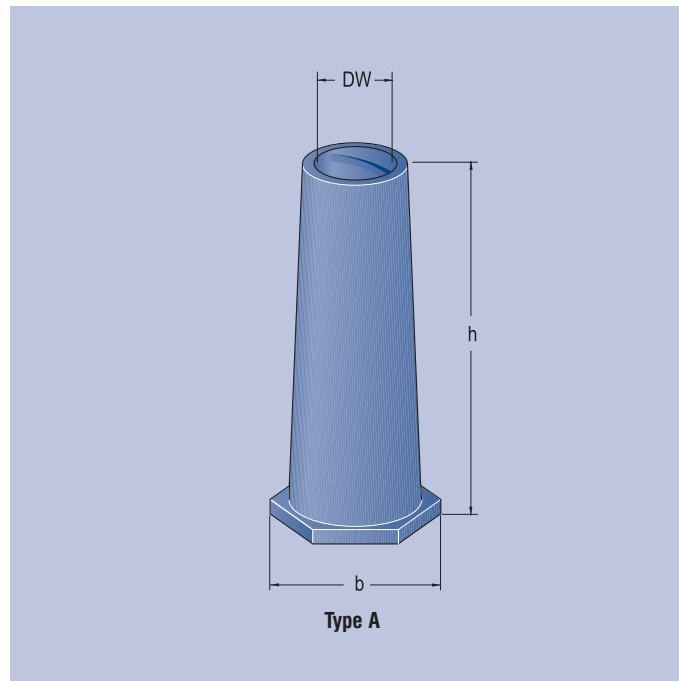
**PFEIFER**

Fixing System  
Mounting Bushings

PFEIFER Mounting Bushings are ideal fixing points for use with prefabricated items and concrete constructions. With the plastic version there are no problems with corrosion. They can be rapidly screwed in and out because of the Dywidag Thread. The Mounting Bushings are particularly suitable for fixing banisters to staircases on buildings sites in combination with the practical easy to fix Wing Nuts. Supporting prefabricated con-

crete elements during mounting can hardly be faster or more favourable. In general, Type A is used, as it is closed on the foot side. Type B is open on both sides, for which reason it is used especially with thin panels, where it is necessary to screw in from both sides.

Material:  
Ultramide



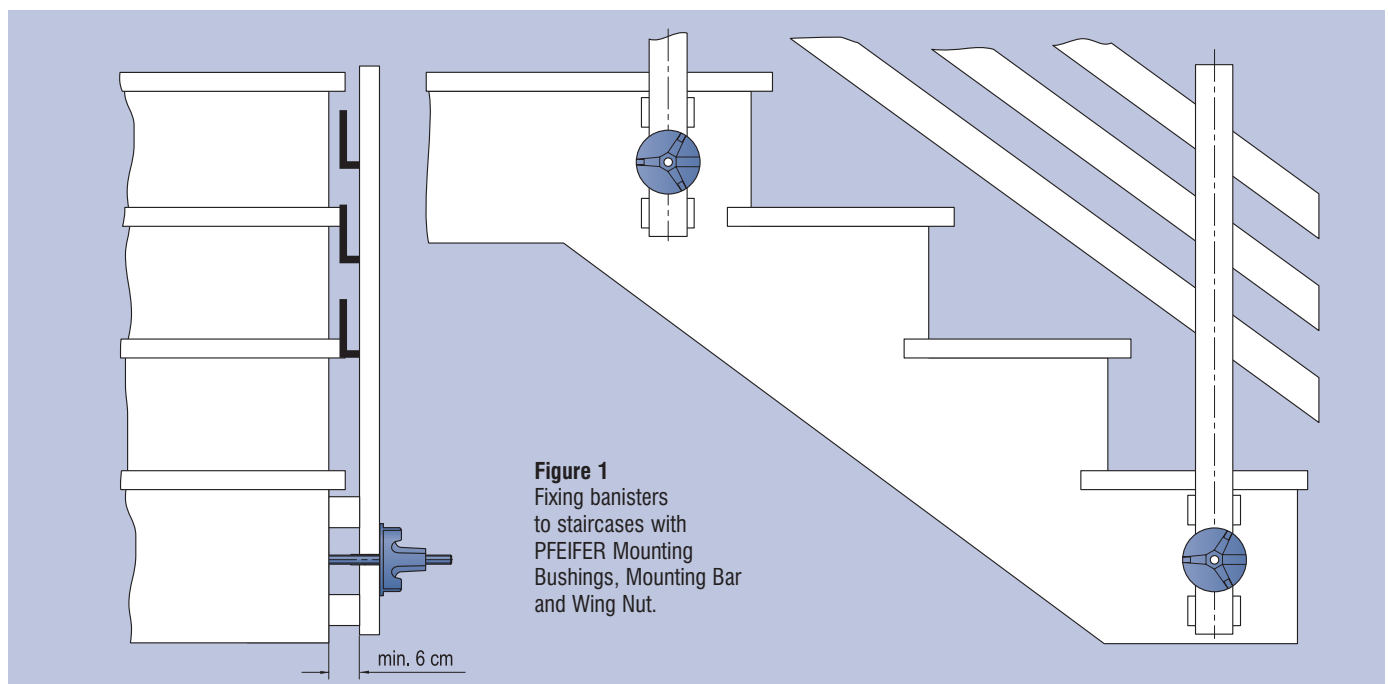
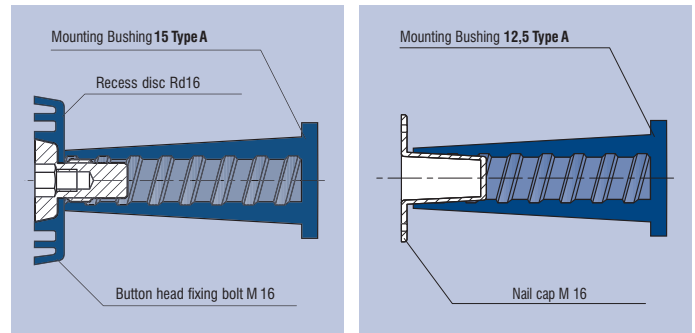
Ref. No.	Type	adm. F kg	Dywidag- Thread DW	Dimensions mm		Weight approx. kg/100 pieces
				b	h	
05.172.120	A	1500	12,5	34	80	3,5
05.172.150	A	1900	15,0	41	100	4,0

Sample order:  
100 PFEIFER Mounting Bushings with Dywidag Thread, 12,5 mm Typ A:  
100 PFEIFER Mounting Bushings ref. no. 05.172.120

# Application instructions for PFEIFER Mounting Bushings with Dywidag Thread

When the Mounting Bushing is mounted into the concrete shuttering, then before casting the insert is embedded safely into the concrete. Fixing to the shuttering can be achieved with the aid of the Mounting Screw (Item-No. 05.179). The robust coarse-pitch thread allows for rapid screwing in and out. If supports, Mounting Supports, newel posts etc. are to be fitted later, the Mounting Bar (Item-No. 05.178) is used in association with the Wing Nut (Item-No. 05.177), which can in turn be screwed on by hand and fixed tight with a hammer or a spanner.

The Mounting Bushing is designed in such a way that it is inserted into non-reinforced concrete with a distance from a free edge of 1.5 times its total length.



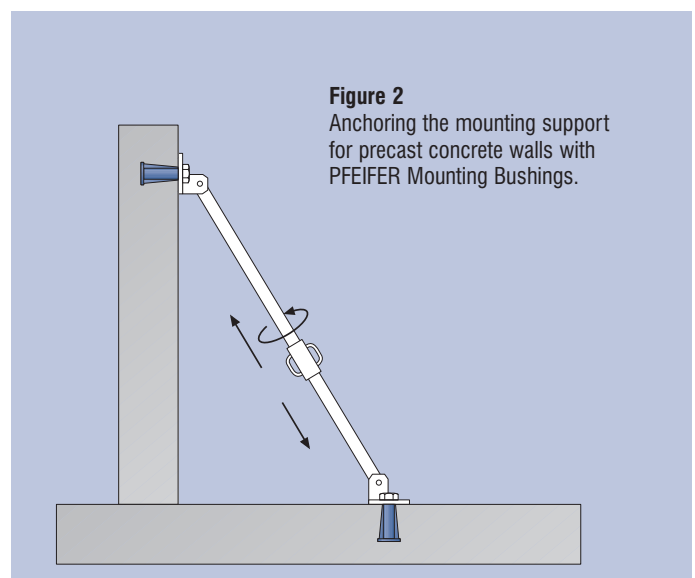
**Figure 1**  
Fixing banisters to staircases with PFEIFER Mounting Bushings, Mounting Bar and Wing Nut.

## Application example

By building the Mounting Bushing into the shuttering of a staircase, a safe anchor point for the safety bars is achieved. The railing posts can be anchored and fixed as illustrated in figure 1. The use of the robust Dywidag Thread means that it is possible to guarantee swift screwing in and out. The railing posts are fixed by means of the practical Wing Nut, which is screwed on by hand and then turned tight or banged into place with a tool such as pliers, a spanner or even a hammer.

Please make sure that there is a minimum distance from the railing posts to the string of the basic stairs. The banisters will stay screwed in even when the basic stair has an end covering, thus providing protection for the workers. The covering extends laterally by 3 cm as a rule, so that a projection of the rail over the basic stair of at least 6 cm may be considered sufficient. Then the building workers are protected throughout the building phase until the final rails are mounted.

There are many other types of application, e.g. for supporting prefabricated concrete parts during mounting, see figure 2.



**Figure 2**  
Anchoring the mounting support for precast concrete walls with PFEIFER Mounting Bushings.