Kerb Konus

Mubux®-A pressed-in threaded insert/stud ...

The Mubux®-A is a threaded insert or stud with multiple helically knurled rings, a tapered anchorage profile and a pilot end for easy push in.

Field of application

For all moulded parts made of hard plastic.

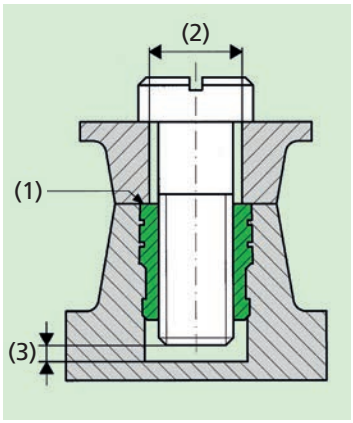
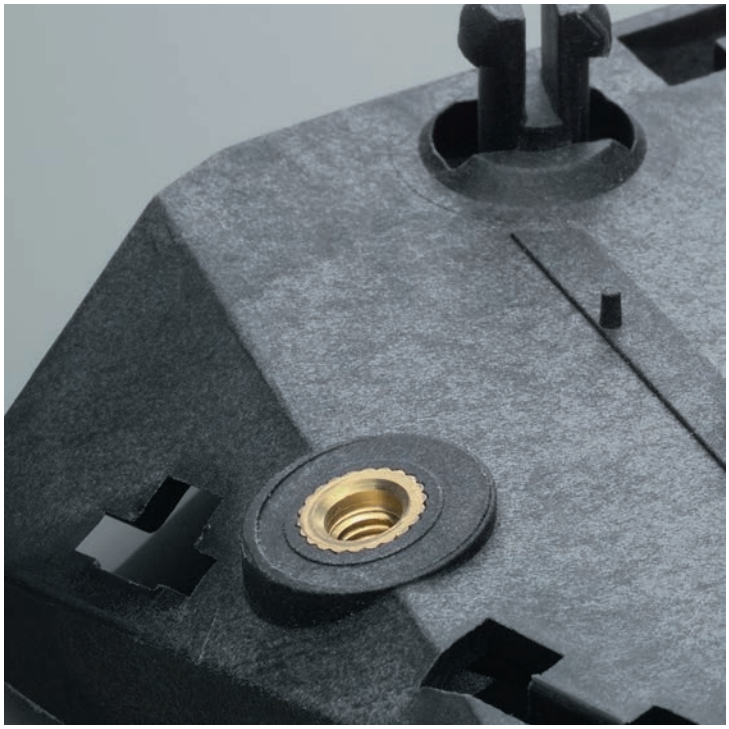


Fig. 16

Product features

- Fast and easy to install. A special pilot end prevents insertion problems.
- Relatively small diameter and minimal installation length.
- Particularly cost-effective



Design of the shaped component and receiving hole

The part requiring fastening should be flush with the threaded insert, see (1, fig. 16). For this reason the **borehole (2) should be closely dimensioned and not countersunk.** The Mubux®-A press in flush into the formed part (1).

Hole diameter and wall thicknesses are dependent on the material used for the formed part. Please enquire or ascertain by testing. For guideline values, see the Works Standard sheets.

Hole depth ≥ Length of the Mubux®-A +1 mm. The screw must not under any circumstances come to rest at the bottom of the hole (3).

Available versions:

- Standard length
- Shortened version
- Contact head for electrical contacts or simultaneous fastening of several parts.
- Stud with and without contact head

Installation

Insert the Mubux®-A with pilot start downwards into the receiving hole and press in with the hand lever or a small press. **Never knock in Mubux®-A with a hammer!**

Mubux®-A achieves outstanding pull-out resistance if inserted into moulded components immediately after removal from the mould, when the component has not yet fully cooled down.

Mubux®-A has also proven successful in some thermo plastic materials if embedded using ultrasound technology.

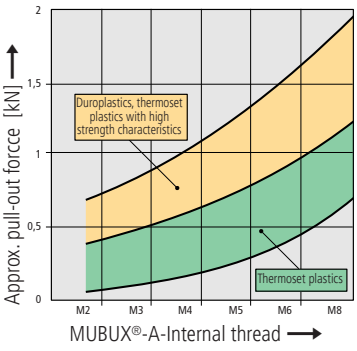


Fig. 17

All table values apply only if the screw is inserted to at least 50% of its length in the threaded insert.

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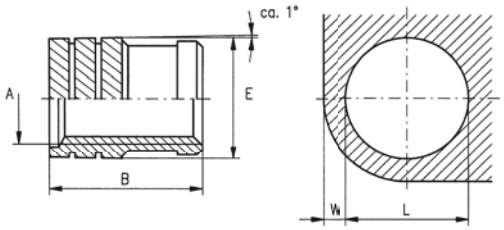
Pressed-in threaded inserts

Mubux®-A
Works Standard
850

Application

For the manufacture of wear-resistant screw fasteners with high loading capacity in hard plastic.

Animation



Dimensions in mm

Article number	Internal thread A	External diameter E	Length B	Minimum wall thickness W	Hole dia. (guideline values) L +0,1
850 000 020.800	M 2	3,35	4,0	1,6	3,1
850 000 025.800	M 2,5	4,2	5,3	2,0	3,8
850 000 030.800	M 3	4,2	5,3	2,0	3,8
850 000 035.800	M 3,5	5,0	6,3	2,5	4,6
850 000 040.800	M 4	5,8	7,4	2,5	5,4
850 000 050.800	M 5	6,6	8,3	2,5	6,2
850 000 060.800	M 6	8,2	9,2	2,8	7,8
850 000 080.800	M 8	9,7	9,2	3,8	9,3
850 000 100.800	M 10	12,0	9,2	5,5	11,6

Example for finding the article number

Pressed-in threaded insert Mubux®-A to Works Standard 850 with internal thread A = M 4 made of brass: Mubux®-A 850 000 040.800

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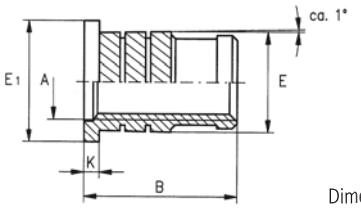
Pressed-in threaded inserts

Mubux®-AK
Works Standard
852



Dimensions in mm

Article number	Internal thread A	External diameter (excluding head) E	Head diameter E_1	Head heigth K	Length B
852 000 020.800	M 2	3,35	4,8	0,6	4,6
852 000 025.800	M 2,5	4,2	5,6	0,6	5,9
852 000 030.800	M 3	4,2	5,6	0,6	5,9
852 000 035.800	M 3,5	5,0	6,4	0,8	7,1
852 000 040.800	M 4	5,8	7,2	0,8	8,2
852 000 050.800	M 5	6,6	8,0	1,0	9,3
852 000 060.800	M 6	8,2	9,5	1,3	10,5
852 000 080.800	M 8	9,7	11,0	1,3	10,5
852 000 100.800	M 10	12,0	14,0	1,6	10,8

For receiving hole diameter, see Article no. 850 … … …

Material Brass

Tolerances ISO 2768-m

Thread Internal thread A: as per ISO 6H

Article-No. (**fourth** group of digits) … … … 800