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.

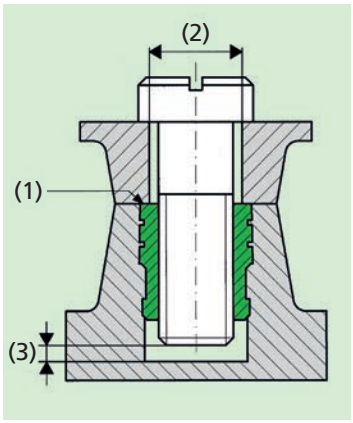
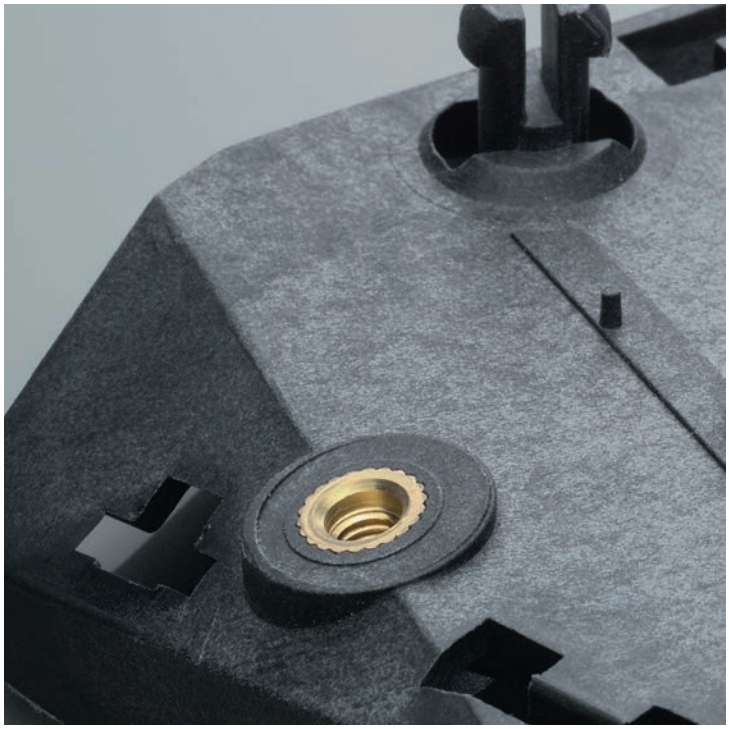


Fig. 16

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.

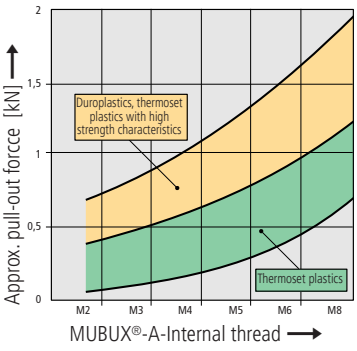


Fig. 17

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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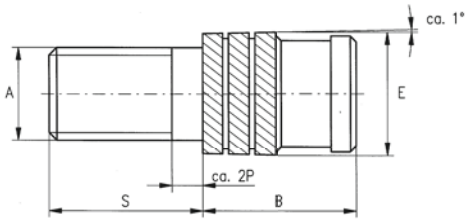
Pressed-in threaded studs

Mubux®-AS
Works Standard
856



Available stud lengths
(other lengths on request)

Dimensions in mm

Article number	Internal thread A	External diameter E	Insert length B	Guideline values for receiving hole diameter L +0,1
856 000 030. ...	M 3	4,2	5,3	3,8
856 000 035. ...	M 3,5	5,0	6,3	4,6
856 000 040. ...	M 4	5,8	7,4	5,4
856 000 050. ...	M 5	6,6	8,3	6,2
856 000 060. ...	M 6	8,2	9,2	7,8
856 000 080. ...	M 8	9,7	9,2	9,3

Article number eleventh digit	Length S
... ... 820	6
... ... 840	10
... ... 860	16
... ... 880	25

Thread length = S - 2P
P = Thread pitch

Example for finding the article number

Pressed-in threaded insert Mubux®-AS to Works Standard 856, length of the threaded stud **S = 10 mm** made of brass: Mubux®-AS 856 000 040.**840**

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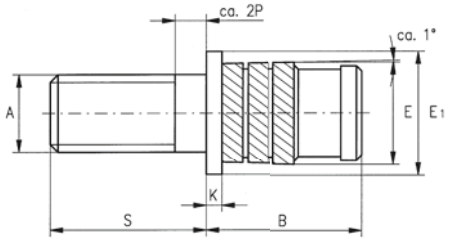
Pressed-in threaded studs

Mubux®-ASK
Works Standard
857



Dimensions in mm

Article number	Internal thread A	External diameter (excluding head) E	Head diameter E_1	Head height K	Length B
857 000 030. ...	M 3	4,2	5,6	0,6	5,9
857 000 035. ...	M 3,5	5,0	6,4	0,8	7,1
857 000 040. ...	M 4	5,8	7,2	0,8	8,2
857 000 050. ...	M 5	6,6	8,0	1,0	9,3
857 000 060. ...	M 6	8,2	9,5	1,3	10,5
857 000 080. ...	M 8	9,7	11,0	1,3	10,5

Available stud lengths: See table Works Standard 856

For the receiving hole diameter, see article no. 856 ... ...

Material Brass
Tolerances ISO 2768-m
Thread External thread A: as per ISO 6g