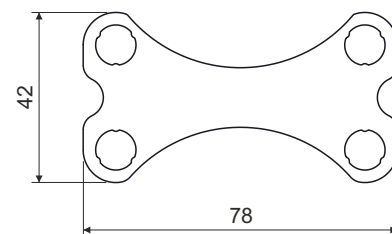


**KBE-1**

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product description: to increase and maintain the 88 mm spacing between boxes.  
is attached to the covers KBV-1 and KBV-2 and to the support KBP-1

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material: PE (halogen-free)

color: orange

self-snuffing: no

temperature resistance: -5 - +60 °C (short-time +90 °C)

flaming loop test: 650 °C

fire class for underlying material: A1

weight: 5 g

certification: EN 60 670-1

storage: ČSN 64 0090

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configuration: AB - 10 spacers packed in foil, labeled; 2420 spacers in cardboard

## spacer into concrete

### Example of using one-sided mounting

Cover KBV-1 (KBV-2) is mounted to the fixed part of the casing. Then body KBT-2 (KBT-1) is assembled together with the bottom piece KBS-2, prepared inputs for pipes and pushed to the already fixed cover KBV.

Spacing pipe 8020 is inserted to support KBP-1 as well as the rod KBP-8. The back part of the set assembled in this way is slipped over the already mounted box and cover. Wiring pipes is installed to final set. The manufacturer recommends using a flexible pipes LPE (23xx/LPE-x).

The system can be completed from the side of the support KBP-1 which is mounted to the fixed part of the casing.

High body KBT-1 with cover KBV-1 can be applied for assembly of and double socket.

KBV-2 allows connection with a spacing of 80 mm (two frames instrumentation Classic, Swing and Tango side by side). To increase the spacing of 88 mm is spacer KBE-1 (two frames apparatus Classic, Tango or Swing side by side with a gap of 8 mm).

Before pouring concrete mixture, we recommend tying the system to reinforcements by means of draw bands and sealing passages around tubes using sealing material.

When the concrete mix is mature and the casing is dismantled, the break-off bottom of the cover KBV is removed and final electrical wiring is made inside the KBT boxes.

The extending frames NBR 60/12 and NRB 60/24 are used to adjust the height of and box during subsequent application of and plaster (to cover KBV-1 is possible use frames NR 68/6 or NR 68/10).

Spacers KBE-1 can be used in two-sided assembly.

Calculate the length of the spacer pipe and rods:

min. wall thickness = min. length set with body KBT-1 = 110 mm (L)

length of spacing rods (mm) = L - 20

length of spacing pipe 8020 (mm) = L - 85

min. wall thickness = min. length set with body KBT-2 = 90 mm (L)

length of spacing rods (mm) = L - 20

length of spacing pipe 8020 (mm) = L - 65

