

## **MOUNTING INSTRUCTIONS**



# 3D - LIFTING SYSTEMS | SBKM STEEL RECESS FORMER WITH MAGNET





### ATTACHMENT OF THE SLOT - ANCHORS IN CONCRETE

There must be a cavity in the concrete in order to link the TH2 lifting clutch to the T-slot anchor. This cavity is spherical in shape and can be either a half ball or a small ball slot. Various support kits are available for making this recess. For a half ball cavity, the TH2 lifting clutch can be attached in any direction and can ultimately turn in the cavity during lifting until the lifting hook has reached its proper position. The RB recess former is the most practical.

### **RECESS FORMERS**

The anchors are fitted in the mould with a recess former. The cavity former, enables the lifting clutch to fit over the anchor. Because of the special design, there are no sharp edges on the precast element. The recess formers are of course available in the same range as the lifting clutches and the anchors. This is indicated by a load group, marked on the top. The formers are mounted on the mould with fixing plates. After demoulding the element, the recess formers can be removed easily. Another option is represented by the magnetic and steel recess formers.

The standard recess formers are made of rubber shore  $65^{\circ} - 70^{\circ}$ . The rubber used has a good resistance to demould oil. The formers will keep their original shape, even when they are heated up to 120°C. They can be used many times. The steel magnetic recess formers are manufactured without rubber.

#### SBKM – STEEL RECESS FORMER WITH MAGNET

The SBKM steel recess former with magnets is made of S355 galvanised and is used in combination with T-slot anchor, O anchor, TPA anchor, TKS, TSG anchor and TKSG anchor. When these anchors are used, a rubber ring RR should be fitted as well. These recess formers are mostly applied in an upside down position.

| Round steel recess former<br>SBK |             | Load<br>group | ØA   | В    | ØC   | ØD   | h    | R    |      | ØD |
|----------------------------------|-------------|---------------|------|------|------|------|------|------|------|----|
| Description                      | Product no. | [kN]          | [mm] | [mm] | [mm] | [mm] | [mm] | [mm] | -04- |    |
| SBKM-013                         | 64611       | 13            | M12  | 11   | 20   | 63   | 36   | 32   |      |    |
| SBKM-025                         | 64612       | 25            | M12  | 11   | 30   | 80   | 43.5 | 69   |      |    |
| SBKM-050                         | 64613       | 50            | M12  | 13   | 37   | 100  | 54   | 65   |      | R  |
| SBKM-100                         | 64614       | 100           | M16  | 15   | 48   | 129  | 72   | 80   |      | ØC |

![](_page_2_Picture_0.jpeg)

#### **GENERAL INSTRUCTIONS FOR INSTALLATION AND USE**

#### **RUBBER RECESS FORMERS**

![](_page_2_Figure_4.jpeg)

 For wooden formwork, the recess former can be mounted with the OPR mounting plate. The pins on the OPR ensure that the recess former remains closed when pouring concrete. The OPR is mounted on the formwork with nails.

![](_page_2_Figure_6.jpeg)

![](_page_3_Picture_0.jpeg)

## **ANCHOR - INSTALLATION**

![](_page_3_Figure_3.jpeg)

#### **REMOVAL OF THE RUBBER RECESS FORMER**

Two pieces of rebar steel can be inserted in the recess former holes. Using these rods, the former bends open and can be removed from the anchor. Excessive concrete should be removed beforehand. Do not use a hammer or any other tools, as these can damage the recess former.

![](_page_3_Figure_6.jpeg)

#### STEEL RECESS FORMER

![](_page_3_Figure_8.jpeg)

![](_page_4_Picture_0.jpeg)

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![](_page_4_Picture_2.jpeg)

![](_page_5_Picture_0.jpeg)

CONTACT

![](_page_5_Figure_3.jpeg)

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