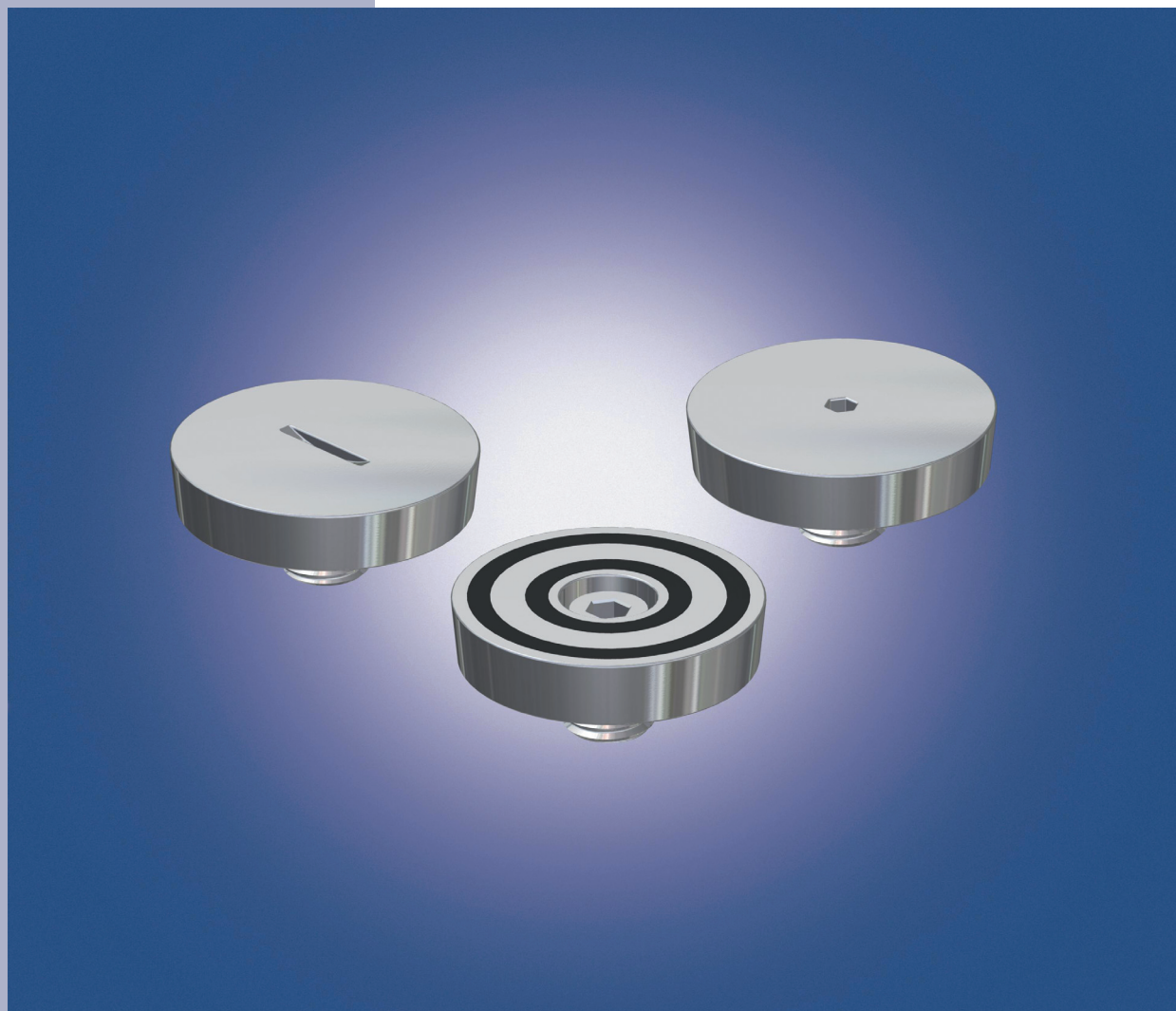




# PHILIPP Magnetic Recess Former

## Data Sheet



# DATA SHEET OF PHILIPP MAGNETIC RECESS FORMER

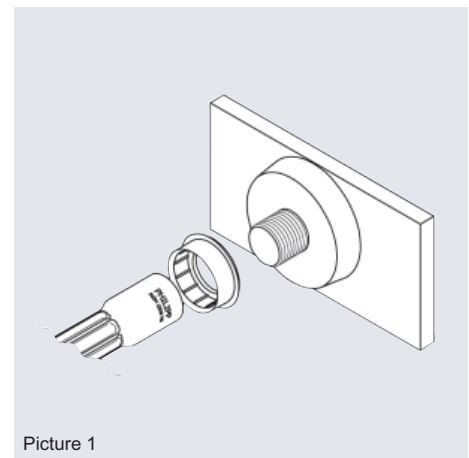
The **PHILIPP Magnetic Recess Formers** are used to fix **PHILIPP Threaded Anchors** and **PHILIPP Lifting Inserts** onto the steel mould. The use of **PHILIPP Magnetic Recess Formers** ensures a safe hold of the threaded anchor or insert at the steel mould. Depending on the intended use different adhesion forces can be chosen. For normal loads we suggest an adhesion force of 105 kg per magnet. High loads (e.g. horizontal anchor installation) are covered with adhesion forces of 190 kg per magnet. Depending on the application the magnets are available as glued or welded version.

The **PHILIPP Magnetic Recess Formers** (Table 1 and Table 2) can be combined with the **PHILIPP Lifting Loop with Threaded End**. For the use of **PHILIPP Wirbelstar** the **PHILIPP Recess Formers (Wirbelstar)** are available (see different data sheet) also as magnetic version. The particular data are listed in the data sheet for **PHILIPP Recess Formers (Wirbelstar)**.

The recesses of the **PHILIPP Magnetic Recess Formers** can be covered with sealing caps made from stainless steel. These sealing caps have the same dimensions like the **PHILIPP Magnetic Recess Formers**. Depending on the customer request the sealing caps are available with slot or internal hexagon (Table 3-6).

To ensure an effortless loosening of the magnetic recess formers it is recommended to oil the magnetic body and the thread. To avoid rotation of the threaded adapter the threaded anchor or insert must be connected with the magnet prior fixing it onto the mould (attention: please screw the threaded adapter in a way that it is hand-tight). Please pay attention that the threaded insert has contact with the magnetic recess former. If it is required to move the magnet please use a plastic hammer or hammer shaft. It is not allowed to use the threaded anchor as lever arm because the magnetic recess former could be damaged.

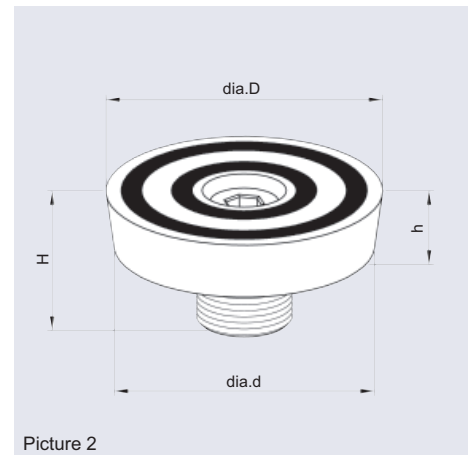
The area of adhesion must be kept clean and unevenness must be removed so that the adhesion force is not reduced. Any heating of the magnetic recess former is inadmissible because the magnetic structure can be destroyed.



Picture 1

**Table 1: Magnetic Recess Former for High Loads (Typ R/G 105)**

Art.-No.	for Type	Adhesion Force [kg]	dia.D [mm]	dia.d [mm]	H [mm]	h [mm]	Weight [kg/100 pcs.]	PU [pcs.]
72MAX12SI	12	105	54	51	31	15	28.0	1
72MAX14SI	14	105	54	51	31	15	29.0	1
72MAX16SI	16	105	54	51	31	15	29.0	1
72MAX18SI	18	105	54	51	29	15	30.0	1
72MAX20SI	20	105	54	51	31	15	31.0	1
72MAX24SI	24	105	54	51	33	15	33.0	1
72MAX30SI	30	105	54	51	33	15	37.0	1
72MAX36SI	36	105	54	51	35	15	43.0	1



Picture 2

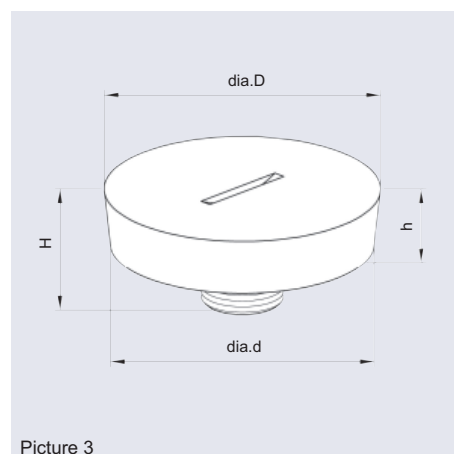
**Table 2: Magnetic Recess Former for Very High Loads (Typ R/G 190)**

Art.-No.	for Type	Adhesion Force [kg]	dia.D [mm]	dia.d [mm]	H [mm]	h [mm]	Weight [kg/100 pcs.]	PU [pcs.]
72MAX12SGI	12	190	69	65	31	15	44.0	1
72MAX14SGI	14	190	69	65	31	15	45.0	1
72MAX16SGI	16	190	69	65	31	15	45.0	1
72MAX18SGI	18	190	69	65	29	15	46.0	1
72MAX20SGI	20	190	69	65	31	15	47.0	1
72MAX24SGI	24	190	69	65	33	15	49.0	1
72MAX30SGI	30	190	69	65	33	15	53.0	1
72MAX36SGI	36	190	69	65	35	15	59.0	1

# DATA SHEET OF PHILIPP MAGNETIC RECESS FORMER

**Table 3: PHILIPP Sealing Cap (with slot)  
for Type R/G 105 (see Table 1).**

Art.-No.	for Type	Type R/G	dia.D [mm]	dia.d [mm]	H [mm]	h [mm]	Weight [kg/100 pcs.]	PU [pcs.]
72ASMAX12105VA-S	12	105	54	51	31	15	28.0	1
72ASMAX14105VA-S	14	105	54	51	31	15	29.0	1
72ASMAX16105VA-S	16	105	54	51	31	15	29.0	1
72ASMAX18105VA-S	18	105	54	51	29	15	30.0	1
72ASMAX20105VA-S	20	105	54	51	31	15	31.0	1
72ASMAX24105VA-S	24	105	54	51	33	15	33.0	1
72ASMAX30105VA-S	30	105	54	51	33	15	37.0	1
72ASMAX36105VA-S	36	105	54	51	35	15	43.0	1



Picture 3

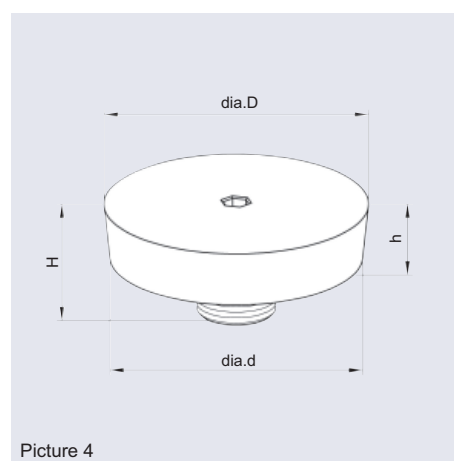
**Table 4: PHILIPP Sealing Cap (with slot)  
for Type R/G 190 (see Table 2).**

Art.-No.	for Type	Type R/G	dia.D [mm]	dia.d [mm]	H [mm]	h [mm]	Weight [kg/100 pcs.]	PU [pcs.]
72ASMAX12190VA-S	12	190	68	65	31	15	44.0	1
72ASMAX14190VA-S	14	190	68	65	31	15	45.0	1
72ASMAX16190VA-S	16	190	68	65	31	15	45.0	1
72ASMAX18190VA-S	18	190	68	65	29	15	46.0	1
72ASMAX20190VA-S	20	190	68	65	31	15	47.0	1
72ASMAX24190VA-S	24	190	68	65	33	15	49.0	1
72ASMAX30190VA-S	30	190	68	65	33	15	53.0	1
72ASMAX36190VA-S	36	190	68	65	35	15	59.0	1

Version: with Slot

**Table 5: PHILIPP Sealing Cap (with internal hexagon)  
for Type R/G 105 (see Table 1).**

Art.-No.	for Type	Type R/G	dia.D [mm]	dia.d [mm]	H [mm]	h [mm]	Weight [kg/100 pcs.]	PU [pcs.]
72ASMAX12105VA-ISK	12	105	54	51	31	15	28.0	1
72ASMAX14105VA-ISK	14	105	54	51	31	15	29.0	1
72ASMAX16105VA-ISK	16	105	54	51	31	15	29.0	1
72ASMAX18105VA-ISK	18	105	54	51	29	15	30.0	1
72ASMAX20105VA-ISK	20	105	54	51	31	15	31.0	1
72ASMAX24105VA-ISK	24	105	54	51	33	15	33.0	1
72ASMAX30105VA-ISK	30	105	54	51	33	15	37.0	1
72ASMAX36105VA-ISK	36	105	54	51	35	15	43.0	1



Picture 4

**Table 6: PHILIPP Sealing Cap (with internal hexagon)  
for Type R/G 190 (see Table 2).**

Art.-Nr.	for Type	Type R/G	dia.D [mm]	dia.d [mm]	H [mm]	h [mm]	Weight [kg/100 pcs.]	PU [pcs.]
72ASMAX12190VA-ISK	12	190	68	65	31	15	44.0	1
72ASMAX14190VA-ISK	14	190	68	65	31	15	45.0	1
72ASMAX16190VA-ISK	16	190	68	65	31	15	45.0	1
72ASMAX18190VA-ISK	18	190	68	65	29	15	46.0	1
72ASMAX20190VA-ISK	20	190	68	65	31	15	47.0	1
72ASMAX24190VA-ISK	24	190	68	65	33	15	49.0	1
72ASMAX30190VA-ISK	30	190	68	65	33	15	53.0	1
72ASMAX36190VA-ISK	36	190	68	65	35	15	59.0	1

Version: with Internal Hexagon

