

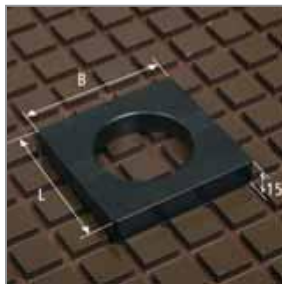


Innospann vacuum blocks for grid tables, freely positionable on the Mini-Plate ISMP-R

Application

- Flexible vacuum clamping system for CNC machining centers with grid table
- Fits all common grid geometries (slot depth 6 x 6 mm to 7 x 7 mm)
- Suitable for complex five-axis processing
- The suction cup mountings are placed directly in the grid and fitted with suction cups in accordance to the workpiece
- Variable total height through various suction cup heights and optional spacer rings

Step 1: Select Suction Cup Mounting



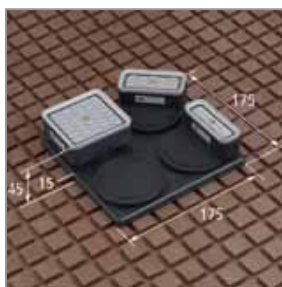
Mono-Base ISMB-R

Mono-Base ISMB-R

- Mounting possibility for a single suction cup
- The suction cups used are continuously rotatable

Ordering data Mono-Base

Type	Dimensions L x B x H [mm]	For grid dimensions [mm]	Part no.
ISMB-R 96x96x15 15/30 5/7	96 x 96 x 15	15 x 15 / 30 x 30	10.01.15.00286
ISMB-R 90x90x15 40x40	90 x 90 x 15	40 x 40	10.01.15.00380
ISMB-R 110x110x15 50x50 5/7	110 x 110 x 15	50 x 50	10.01.15.00372



Quad-Base ISQB-R (shown here with suction cups)

Quad-Base ISQB-R

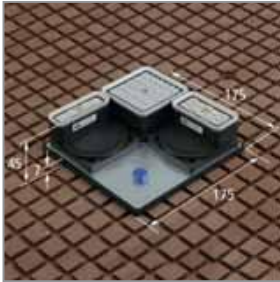
- Mounting possibility for up to four suction cups
- The suction cups used are continuously rotatable
- Includes covers for unused mountings

Ordering data Quad-Base

Type	Dimensions L x B x H [mm]	For grid dimensions [mm]	Part no.
ISQB-R 175x175x15 30/50 5/7	175 x 175 x 15	30 x 30 / 50 x 50	10.01.15.00183

Ordering data spare parts

Type	Dimensions L x B x H [mm]	For grid dimensions [mm]	Part no.
Cover for Quad-Base	Ø 80 x 4	-	10.01.15.00083



Mini-Plate ISMP-R (shown here with Mono-Bases and suction cups)

Mini-Plate ISMP-R

- Mounting possibility for up to four suction cups
- Mono-Bases ISMB required as suction cup mountings, can be positioned freely on the Mini-Plate
- With workpieces with a larger working surface, multiple Mini-Plates can be placed edge to edge
- Unused vacuum openings are closed with sealing magnets

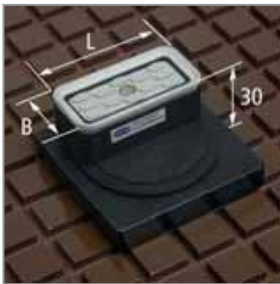
Ordering data Mini-Plate

Type	Dimensions L x B x H [mm]	For grid dimensions [mm]	Part no.
ISMP-R 175x175x7 30/50 5/7	175 x 175 x 7	30 x 30 / 50 x 50	10.01.15.00184

Ordering data Mono-Base for Mini-Plate ISMP-R

Type	Dimensions L x B x H [mm]	For grid dimensions [mm]	Part no.
ISMB 80x80x8	80 x 80 x 8	-	10.01.15.00188

Step 2: Select Suction Cup



Suction cup ISMUP Cup 2 80x40x30 (shown here with Mono-Base)

Suction Cups ISMUP

- Plastic suction cup for Innospann suction cup mountings
- Top sealing frame and friction plate replaceable

Ordering data suction cup

Type	Suction area L x B [mm]	Height H [mm]	Part no.
ISMUP Cup 1 80x80x30	80 x 80	30	10.01.15.00003
ISMUP Cup 2 80x40x30	80 x 40	30	10.01.15.00004
ISMUP Cup 3 80x28x30	80 x 28	30	10.01.15.00005
ISMUP Cup 4 100x100x30*	100 x 100	30	10.01.15.00403

*Only for Mono-Base ISMB-R suction cup mounting

Step 3: Select Accessories and Spare Parts

Accessories and spare parts for Innospann systems are found on page 44.