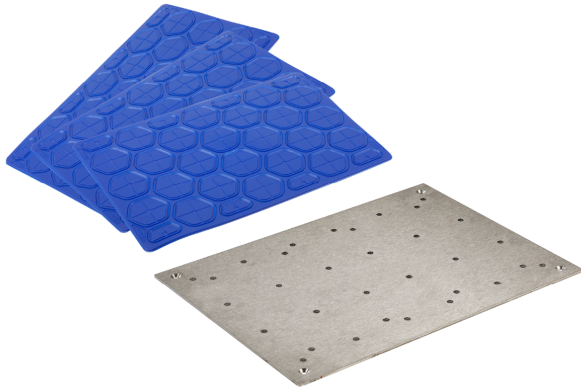
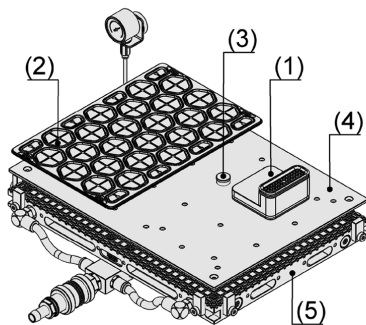


Innospann Steel-Plate ISST-MPL and FlexMat SFM

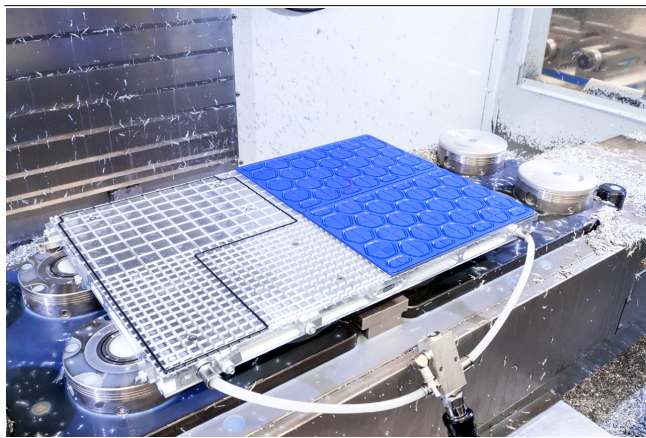
Steel-Plate and Flexmat for use on Matrix-Plate MPL



Innospann Steel-Plate ISST-MPL and FlexMat SFM



System design Innospann Steel-Plate ISST-MPL and FlexMat SFM



Suitability for industry specific applications

Applications

- Elastomer mat for clamping flat metal or plastic workpieces with vacuum
- For use on the Steel-Plate ISST or other adapter plates with corresponding hole pattern
- The large number of vacuum chambers and the elastomer surface enable complex-shaped workpieces to be clamped securely, even with partial occupancy
- Specially designed for the production of cutouts and machining of the outer contour
- FlexMat SFM easily replaceable as wear item
- Fully compatible with Steel-Plates ISST-MPL and ISST-MPL SFM

Design

- Vacuum blocks ISBL made of aluminum (1) with double seal and magnetic pre-fixation on the Steel-Plate
- Schmalz FlexMat SFM (2) for use directly on the Steel-Plate
- Sealing magnets (3) for unused vacuum openings when used with vacuum blocks ISBL
- Steel-Plate with vacuum openings (4)
- Matrix-Plate MPL (5) as basic unit of the modular clamping system

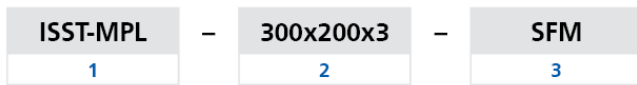
Product highlights

- The modular system for use on the Matrix-Plate MPL can be retrofitted as required
- Honeycomb structure of the suction points to increase the usable area for maximum vacuum clamping force
- Milling at partial occupancy due to numerous vacuum chambers with integrated flow resistors
- FlexMat optimized for production of cutouts and inexpensive and quickly replaceable in case of wear
- Elastomer surface with special support withstands strongest lateral forces

🔑 Designation code Innospann Steel-Plate ISST-MPL and FlexMat SFM

Innospann Steel-Plate ISST-MPL and FlexMat SFM

Steel-Plate and Flexmat for use on Matrix-Plate MPL



1 – Abbreviated designation

Code	Type
ISST-MPL	Steel-Plate for Matrix-plate

2 – Dimensions

Code	LxWxH in mm
300x200x3...	300x200x3 to
600x400x3	600x400x3

3 – Product addition

Code	Type
-	With sealing magnets for ISBL-A
SFM	Without sealing magnets for SFM

The Innospann FlexMat system ISST-MPL SFM consists of:

- Steel-Plate ISST-MPL SFM with sealing magnets, glued sealing cord and screws for adaptation on a Matrix-Plate MPL (available separately)
- FlexMat SFM, available in various dimensions

Available spare parts: sealing cord, FlexMat SFM

Available accessories: sealing magnet ISMST

Ordering data Innospann Steel-Plate ISST-MPL and FlexMat SFM

Type	Part no.
ISST-MPL 300x200x3 SFM	10.01.28.00021
ISST-MPL 400x300x3 SFM	10.01.28.00022
ISST-MPL 600x400x3 SFM	10.01.28.00023

Type	Part no.
SFM-298.5x198.5	10.01.28.00005

Ordering data Spare parts Innospann Steel-Plate ISST-MPL and FlexMat SFM

Spare parts		Part no.
Sealing cord	DI-SCHN 3 MOS CR-20	10.07.04.00088
Sealing cord	DI-SCHN 3.5 MOS CR-20	10.07.04.00091

Ordering data Accessories Innospann Steel-Plate ISST-MPL and FlexMat SFM

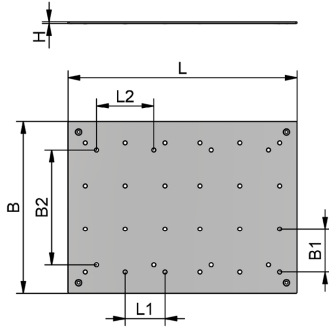
Accessories		Part no.
Vacuum block Innospann	ISBL-HD 80x80x38	10.01.15.00654
Vacuum block Innospann	ISBL-HD 80x40x38	10.01.15.00655
Vacuum block Innospann	ISBL-HD 80x28x38	10.01.15.00656
Vacuum block Innospann	ISBL-HD 80x80x97	10.01.15.00657
Vacuum block Innospann	ISBL-HD 80x40x97	10.01.15.00658
Vacuum block Innospann	ISBL-HD 80x28x97	10.01.15.00659

Accessories		Part no.
Sealing magnet	ISMST 19-7 4ISMST	10.01.14.00847

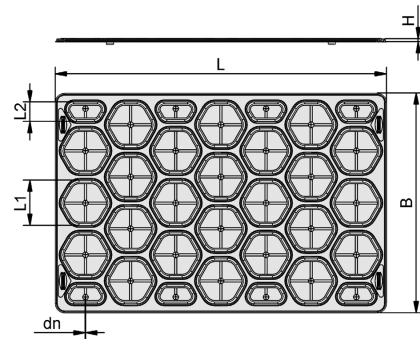
Innospann Steel-Plate ISST-MPL and FlexMat SFM

Steel-Plate and Flexmat for use on Matrix-Plate MPL

Design data Innospann Steel-Plate ISST-MPL and FlexMat SFM



ISST-MPL SFM



SFM

Innospann Steel-Plate ISST-MPL and FlexMat SFM

Steel-Plate and Flexmat for use on Matrix-Plate MPL

Design data Innospann Steel-Plate ISST-MPL and FlexMat SFM

Type	B [mm]	B1 [mm]	B2 [mm]	H [mm]	L [mm]	L1 [mm]	L2 [mm]
ISST-MPL 300x200x3 SFM	200	69.5	100	3	300	75.0	200
ISST-MPL 400x300x3 SFM	300	75.0	200	3	400	69.5	100
ISST-MPL 600x400x3 SFM	400	69.5	100	3	600	75.0	200

Type	B [mm]	dn	H [mm]	L [mm]	L1 [mm]	L2 [mm]
SFM-298.5x198.5	199	0.4	2.5	298.5	41	18

Multimedia product presentation

Medium	Link
Product video	https://vimeo.com/701942810 https://vimeo.com/810103248