

Lattam products are used in cases where:

- Thickness is limited but the area is not
- Good attraction at a distance is required

A Lattam consists of Ferram magnets bonded onto a backing plate. The magnetic surface has a number of poles but the reverse side is not magnetic.

They can be supplied plain or for the larger models overmoulded (black, high impact polystyrene).

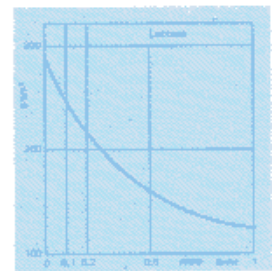
Fixing: By bonding or overmoulding. Some models are supplied with fixing holes or clip-in lugs.

Lattams are designated by their three main measurements: A, B, C, followed, if applicable, by the fixing method to be used: screw-on, clip-in, bond-on.

Holding power, per square centimetre: see graph. Use a 1mm thick counter plate.

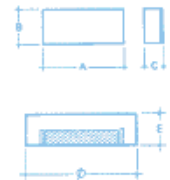
Rectangular Lattams

A	B	C
25	13.3	3
25	13.3	4.8
42	12	4.8
42	7.7	4.8



Cylindrical Lattams

Diameter	Thickness
12	10
15	5.5
20	10
25	6
38	11.5



Rectangular overmoulded Lattams

A	B	C	D	H	
45	20	6			
56	20	6	64	72	with screw holes
56	20	6		60	with clip-on lugs
60	20	6			
43	30	6	51	60	with screw holes





These are used on painted metal sheets or for shear applications. Their synthetic polymer overmoulding gives them the following properties:

- excellent friction coefficient
- surface anti-scratch resistance
- good vibration resistance

Assembly

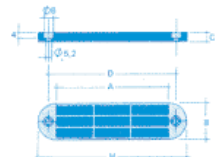
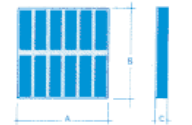
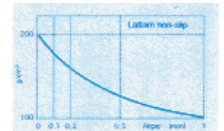
A Lattam non-slip is made up of Ferram magnets bonded onto a backing plate and overmoulded.

The magnetic surface has several poles and the reverse side is non magnetic. Lattam non-slip

magnets are designated by their three main measurements: A, B, C and their fixing method.

Lattam non-slip

A	B	C
60	30	7.5
60	60	7.5
90	30	7.5
120	30	7.5
120	60	7.5



Lattam non-slip with lugs

A	B	C	D
60	17	5.3	14.5
60	23	7.5	20
60	23	7.5	20

Lattam non-slip with wings

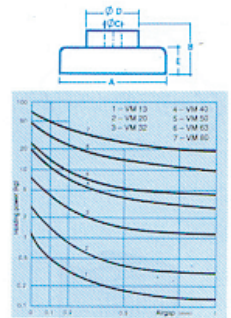
A	B	C	D	H
90	30	7.5	101.5	120



VM Series flat pots

These pots have excellent attraction at a distance. Their large relative diameter gives them good stability when tilted. They do not require a thick counterplate. A Ferram ring is recessed in a steel shell. It acts both as mechanical protection and as an external pole piece. Polymer packing provides insulation between the two. Mounted by tapping into the rear boss.

Model	A	B	C	D	E
VM13	13	11.5	M3	6	4.5
VM20	20	13	M3	6	6
VM32	32	15	M4	8	7
VM40	40	18	M5	10	8
VM50	50	22	M6	12	10
VM63	63	34	M10	15	14
VM80	80	34	M10	16	18



D Series deep pots

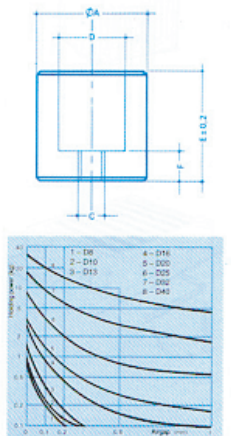
These pots have excellent attraction on contact, and a greater depth for positioning/mounting.

Use: Tooling, handling, locating, holding metal sheets for cutting, fixing inserts into overmoulding. They provide an earthing connection when welding.

The magnet and pole pieces are hot pressed into a thick brass sleeve. The front surface is blanked off using packing which is inert to most chemical products, and then ground. At the back, there is a tapped hole for fixing. The unit is electrolytically treated.

Maximum temperature: 100°C

Fixing: Through the threaded hole at the back. The component can be inserted into a steel block without the need for any additional magnetic insulating ring. After installation, the front surface can also be given a final grinding



Model	dia. A	C	D	E	F
D8	8	M3	6	12	4
D10	10	M4	6	16	8
D13	13	M4	6	18	4
D16	16	M4	9	20	6
D20	20	M5	12	25	8
D25	25	M6	16	30	7
D32	32	M8	22	35	7
D40	40	M12	30	45	9