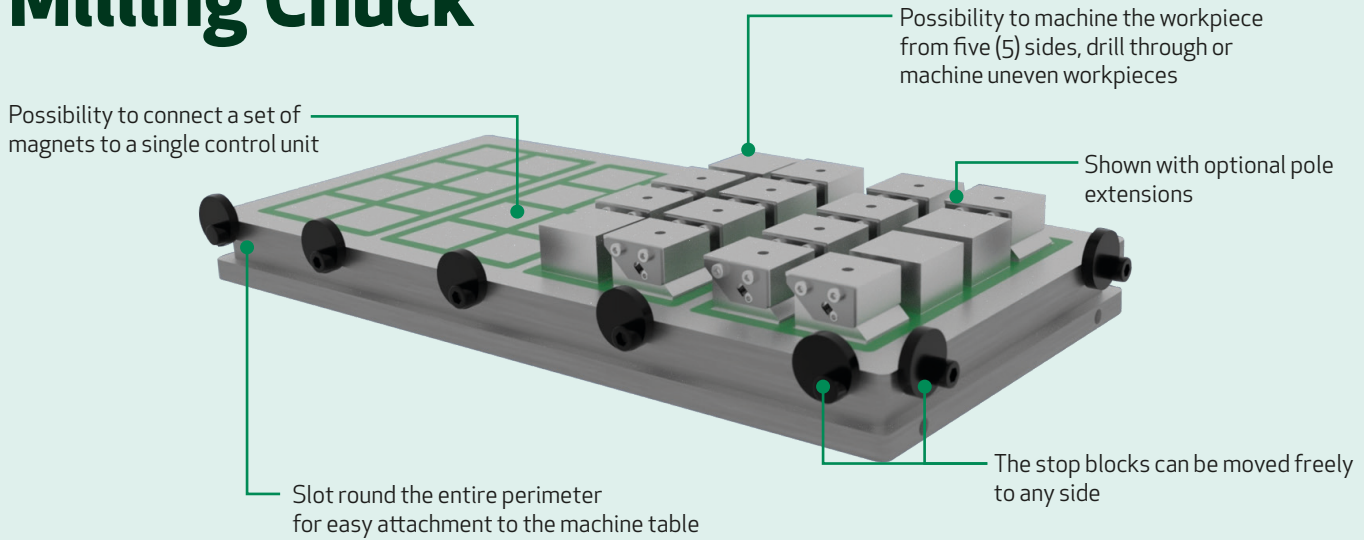


# MPI ElectroPermanent Mastermill Milling Chuck



## When to choose MPI ElectroPermanent Mastermill Milling Chuck:

The MPI ElectroPermanent Mastermill Milling Chuck is a versatile magnetic chuck for milling and drilling of both small and large workpieces. Using pole extensions, the material can be machined from five (5) sides, drilled through, and uneven material can be machined as well. For optimum holding force, the required workpiece thickness is at least 0.47 in.

### APPLICATION



Milling

### TECHNOLOGY



Electropermanent

### CHUCK DIMENSION



from 11.8 x 19.3 in

### HOLDING FORCE



170 N/cm<sup>2</sup>

### POLES



Square

Model	Number of poles	W (in)	L (in)	H (in)	Weight (lbs)
MM-50-300490-EP	24	11.8	19.3	2	108
MM-50-300600-EP	32	11.8	23.6	2	134.5
MM-50-300800-EP	40	11.8	31.5	2	180.8
MM-50-300900-EP	48	11.8	35.4	2	202.8
MM-50-420490-EP	36	16.5	19.3	2	154.3
MM-50-420600-EP	48	16.5	23.6	2	189.6
MM-50-420800-EP	60	16.5	31.5	2	251.3
MM-50-420900-EP	72	16.5	35.4	2	282.2
MM-50-480600-EP	56	18.9	23.6	2	213.9
MM-50-480800-EP	70	18.9	31.5	2	286.6
MM-50-480900-EP	84	18.9	35.4	2	321.9
MM-50-480990-EP	84	18.9	39	2	354.9
MM-50-580800-EP	80	22.8	31.5	2	346.1
MM-50-580900-EP	96	22.8	35.4	2	390.2

### Important parameters:

Holding force:	170 N/cm <sup>2</sup>
Min. workpiece size:	2 x 4.3 x 0.5 in
Poles:	Square
Regrinding limit:	0.2 in
Pole size:	2 x 2 in

### Use:

- + machining of uneven parts up to five (5) sides
- + clamping of a wide range of workpiece sizes during milling
- + clamping of large forms, castings, blocks, structures, etc. during drilling operations
- + rough grinding of large parts

