

# HU Electromagnetic Chucks

The Universal (HU) chucks feature a closely spaced transverse magnetic pole pattern. The magnetic poles extend fully to front and back edges to provide maximum holding area. These chucks are recommended for holding small or thin workpieces and are ideally suited for use with parallels and V-blocks.

Pole laminations extend to extreme edges to provide maximum magnetic area on our HU model electromagnetic chucks. Sizes begin at 6" x 12" and can be made as long as 60". Because of their transverse poles, these chucks are more flexible when using parallels and V-blocks. Their superior holding power makes them our strong holding electromagnetic chuck available.

These chucks have higher wattage than our other models which mean exceptional holding power especially for small workpieces. Direct current voltage should be specified by customer with 115 or 230 DC being standard and can be altered in the field on units with multi-coils.

The longitudinal laminated top plate design is all steel construction with 1/8" magnetic steel poles and 1/32" non-magnetic stainless-steel separators extending end to end with a total pitch of 5/32" for chucks up to 12" wide. For chucks wider than 12", the longitudinal top plate design is the same materials but with 1/4" magnetic steel poles and 1/8" non-magnetic stainless-steel separators with a total pitch of 3/8".

Top plates are replaceable without replacing the entire unit. The standard thickness size of the replaceable top plates for these models is 1.125" with .625" useable before replacement. Top plates can be made with larger laminations for special applications very easily. All sizes are furnished with adjustable backstops and end stops.

Standard mounting is sometimes referred to as clamping ledge, Chucks will be furnished with extended base plates to provide clamping ledges at each end. Hold down clamps are provided with the chuck. For butting two or more chucks together without an intervening gap, or for other special requirements, chucks can be furnished with flush ends and provided with counterbored clearance holes for mounting bolts.

	Under 12" chuck width	12" and over chuck width
Magnetic Pole Width	.125"	.250"
Non-Magnetic Separator Width	0.03125"	.125"
Total Pitch	.15625"	.375"