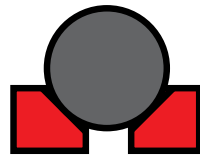
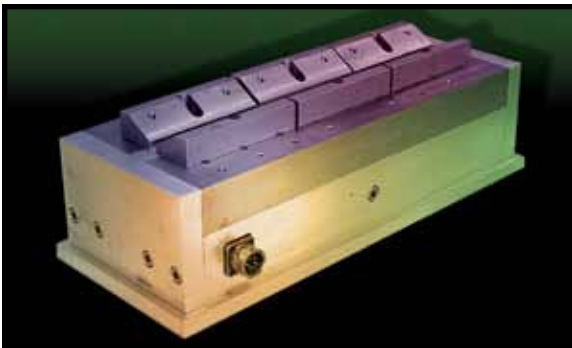
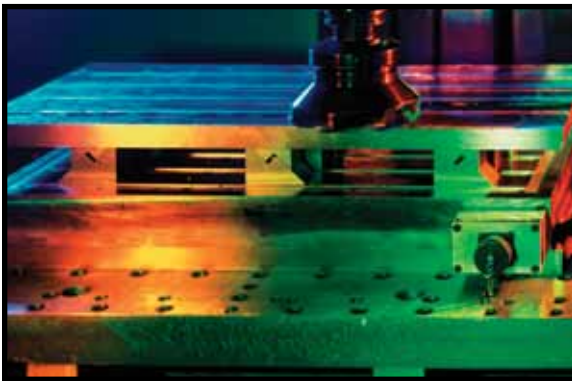


If you're serious about

Heavy Machining...

get serious about

Workholding.



ABP Milling Magnets

The Alpha Bi-Polar (ABP) Magnet is a very powerful, highly versatile clamping system for heavy machining applications on different geometry workpieces.

Standard Round bar clamping systems are available in different lengths, larger chucks for flat plate work are typically made to order once the application is fully defined.

Unlike our competitors, we do not believe in standardizing the pole design since every application is different. In most cases we need to consider:

- **Typical workpiece criteria** (overall dimensions, material and surface condition)
- **Job shop or production environments** (importance of set-up flexibility)
- **Extent of machining** (cubic stock removal/min, extent of machining disciplines)
- **Importance of flux control** (affecting chip adhesion)

All of these factors can have a major affect on pole design.

Top Tooling

Alpha offers a wide variety of top tooling options that include pole extenders, self shimming poles, designated transfer plates, parallels etc.

All Metal Surface

Alpha avoids the use of cast resin-filled inter- poles. All Alpha magnets are rigid and sealed for longevity.

Permanent-Electro Magnetic

OFF/ON at the touch of a button. Failsafe – magnetic force unaffected by loss of electrical power.

Standard Sizes

Imperial	Metric
7.87" x 19.7" x 5.7" NOM	200 wide x 500 long x 144 tall
7.9" x 39.4" x 5.7" NOM	200 wide x 1000 long x 144 tall
7.9" x 59" x 5.7" NOM	200 wide x 1500 long x 144 tall
7.87" x 78.7" x 5.7" NOM	200 wide x 2000 long x 144 tall

Special Sizes on Request



ALPHA
WORKHOLDING SOLUTIONS

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