Mold Interlocks

Black & Gold Side & Top Interlocks

Industry-Leading Interchangeability
Thanks to precision manufacturing and precision tolerancing, every DME mold interlock component can be replaced independently, eliminating the need to swap out an entire set.

DME Side & Top Interlocks provide:
• Accurate alignment of mold halves
• Easy installation
• Industry-compatible sizes

Installation
• Install four (4) Interlocks per mold (one per side)
• Install Side Interlocks on the Center Line of each side of the mold

Female Interlock – Material: A2 Steel  Heat Treat: Core Hardened to 58-62 HRC  Surface Treatment: TiN – Titanium Nitride Coated

Male Interlock – Material: AISI H-13 Steel  Heat Treat: 40-44 HRC  Surface Treatment: Melonited (SBN)

Round & Rectangle Tapered Interlocks

DME Tapered Interlocks provide positive metal-to-metal mold registry to align mold halves, mold plates or individual cavities and cores. The larger sizes are generally used with large molds or plates. The 1/2 and 3/4 sizes are generally used with small molds or to align cavities and cores. At least two sets are recommended for small molds or inserts, four for medium-size molds and six or more for large molds.

The tapered interlocks are intended to seat on the taper, NOT the face of the interlock. This provides positive alignment without the need for the face of the male and female to touch.

Rectangular Interlock – Material: S7 Tool Steel Hardened
Round Interlock – Material: AISI/SAE 52100 (or comparable) 54-58 HRC
Mold Interlocks

Straight-Side Interlocks

- Provides positive alignment for molds with interlocking cavities and cores

**Material:** 8620 Steel-Carburized, Hardened and Ground

**Hardness:** PLM: 50-55 HRC, PLF: 55-60 HRC

X-Style Straight-Side Interlocks

- Provides positive alignment between three adjacent plates when mold has two parting line openings, providing close alignment for interlock cavities and cores in stripper plate-type molds
- Used with AX-Series (floating plate) and X-Series (stripper plate) mold bases, as well as other mold bases with floating plates
- Interchangeable male PXM and female PLF details can be purchased individually

**Material:** AISI 8620 Steel-Carburized, Hardened and Ground

**Hardness:** PXM: 50-55 HRC, PLF: 55-60 HRC