For over 60 years, BachKnives has earned an exceptional reputation for quality service and integrity. Our tooling features the most advanced combination of design and material selection to enhance tool life and optimize performance. We utilize micro-alloyed refined steels and are proud of the advanced heat-treating methods, state-of-the-art finishing equipment and stringent quality control standards. Our tooling is consistently reliable and reliably consistent.

An ISO Certified Company
Tooling storage
BachKnives custom designs storage units to protect your investment. Contact our knowledgeable sales engineers for a customized solution for your tooling storage needs.

Other BachKnives Products and Services
- Training seminars for ISO continuing education certification
- Plastic shims
- Sharpening services
- In-house troubleshooting

Shear Blades
BachKnives is an excellent source for all types of shear blades. Blades are manufactured using state-of-the-art production, finishing, and heat-treating equipment, enabling us to supply tooling of remarkable consistency and reliability. Every shear blade is individually inspected to ensure you receive zero-reject quality.

BachKnives offers a wide range of blades:
- Cut-to-length shears
- Squaring shears
- Crop shears
- Bow tie shears
- Bar shears
- Slitter shears
- Scrap shears
- Customized applications

We are known for our remarkable Hermanite shear blade alloys for shearing 1/2” stainless, high tensile plate, ultra-high strength steels, hot and cold band.

Alloys
- Forged Hermanite Alloys
- Carbide
- Carbide Inlay
- Powdered Metal
- Forged Tool Steel (D2, T1, H13, etc.)
- Inconel 718

Scrap Chopper Blades
BachKnives offers scrap chopper blades in tool steel, carbide, and powder metal. Our blades are manufactured using state-of-the-art production, finishing, and heat-treating equipment, enabling us to supply tooling of remarkable consistency and reliability. Every scrap chopper blade is individually inspected to ensure you receive zero-reject quality.

Hydraulic Clamp Nuts
BachKnives is proud to partner with Noris Armaturen in offering exceptional hydraulic clamping products. Noris Armaturen is well known for producing high-quality products backed by excellent engineering “know-how”.

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f (516) 621-7217

www.bachknives.com
www.bachknives.com
### Rotary Slitter Tooling

**Knives**

Our slitter knives are manufactured using state of the art materials and the latest technology and production techniques. We start with the highest quality European forged material, vacuum harden and triple temper to Rockwell held to ±1, then finish with lapping and polishing to produce the finest metal slitter knives.

We offer the best-suited and successful grades for slitting and shearing with lapping and polishing to produce the finest metal slitter knives. Our slitter knives are manufactured using state of the art materials and the latest technology and production techniques. We start with the highest quality European forged material, vacuum harden and triple temper to Rockwell held to ±1, then finish with lapping and polishing to produce the finest metal slitter knives.

**Capabilities**

- Forged Hermanite Alloys
- Carbide with BachKnives’ Mirror Finish
- Powdered Metal
- Forged Tool Steel (10, 50, 41, 115, etc.)
- Stainless Steel
- Aluminum

**Alloys**

- Forged Hermanite Alloys
- Carbide with BachKnives’ Mirror Finish
- Powdered Metal
- Forged Tool Steel (10, 50, 41, 115, etc.)
- Stainless Steel
- Aluminum

- Precision Tolerances
- Thickness: ±0.00035" (±0.00005"
- Parallelism better than 0.000008"
- Flatness within 0.00008"
- Thickness: ±0.000040"
- Flatness within 0.00008"

**Hardening**

- Conventional heat treat processes
- Vacuum treatment processes
- Triple tempering

### Stripper Rings

**Stripper Rings**

Stripper rings are a critical component in the slitting process. All rings are manufactured using BachKnives’ precision tolerances. We offer a variety of stripper rings and customized clad rings for ultra-sensitive surfaces. The following stripper ring types are available to meet your processing requirements:

- Clad Stripper Rings
- SnugFit Rubber Stripper Rings (Buna and Polyurethane)
- Highly Polished Steel Stripper Rings
- Aluminum and Phenolic Rings

**Advantages of the BachKnives AccuSet Shimless System:**

- Increased knife life
- Minimize burr and camber issues
- Maximum slitter production and efficiency
- Enhanced repeatability
- Minimize the number of tools per cut
- Tighter strip width tolerances
- Eliminate operator setup calculations thanks to pre-loaded tooling
- Excellent repeatability from set-up to set-up
- System design isolates quill from slider shoulder curtailing effect of shoulder runout and offset
- Maximize slit up-time

### Over-Arm Separator

BachKnives’ over-arm separator discs are made from through-hardened tool steel. They are polished with tapered sides and rounded edges. These hard discs (H5 bore tolerances where necessary) prevent edge damage to your strip and last longer than the standard discs offered in the industry. We maintain an inventory of popular sizes and disc can be manufactured to your dimensions.

**Advantages of the BachKnives Quill System:**

- Maximize slitter uptime
- Excellent repeatability from set-up to set-up
- System design isolates quill from slider shoulder curtailing effect of shoulder runout and offset
- Minimize slit up-time

### Separator plates

BachKnives’ separator plates are well known for their exceptional quality and durability. They are manufactured from through-hardened alloy steel, carefully ground and straightened. Our plates are flat and run true. All ODs are well rounded and smooth. IDs are nicely chamfered.

The optional double polished sides offer maximum protection of sensitive strip edges. Plates are available up to 72" in diameter from 0.060” thick. Bore can be plain or with keyway or lug. We also offer core drive discs for a variety of machines.