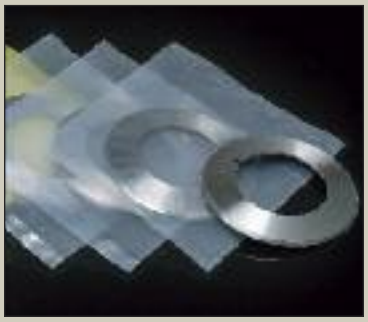
The American QuickSilver Company

An International Resource for Machine Knives, Application and Material Engineering, Custom Runs and Specialty Items

Machine Knives
Hardened and Ground Wear Parts



Established in 1998, the American QuickSilver Company has grown into one of North America's leading suppliers of high tolerance, high quality machine knives. We are a "wholesaler" who stocks the most popular items and can custom manufacture on request.

As a multi-million dollar family owned business, AQS has positioned itself as a very focused machine knife service company. We have no sales or marketing department. We use our time and energy to ensure correct engineering, material selection, prompt delivery and all other aspects of customer satisfaction. Our small staff lets us offer prices far better than most of our competition.

AQS has "in stock" over of $750,000 of machine knives. We have one of the largest and most diverse range of circular slitters and plastic pelletizing knives. In addition to this large stock of standard items, we custom manufacture thousands of special order knives each year.

American QuickSilver prides itself on quality, delivery and price. These are our priorities. If you want a high quality product, on time, and at a fair price — we are your perfect partner.

We offer the following:

- ISO 9001 certified quality
- On time delivery
- Super-competitive pricing
- Best packaging in the industry
- We do not compete in your markets
- Family-owned business
- 100% customer attention
- Any shape — punches, dies, knives or razor blades
- High volume advantage
- Stocking programs
- Free professional drawings
- Material selection advice

AQS is probably the best "small knife" supplier in North America. We excel in the manufacturing of knives 20" in length or shorter, 12" circular and smaller, and .019" to .25" in thickness. We are a worldwide leader in the production of knives for the following industries:

- Paper Converting - slitting and sheeting
- Plastic and Film Converting - slitting, pelletizing, granulating
- Food Processing - slitting, scraping, packaging
- Tire and Rubber - tire processing

Our factories are ISO 9001 certified. Quality is a guarantee. With machining capabilities including laser cutting, 5-axis high accuracy grinders, precision lapping and nitrogen and ammonia environmental heat-treatment, the product is exceptional. Our factories are on target with high quality, high tolerance and high volume work.

Knives are available in a variety of materials:

Carbon "Ball Bearing" Steel

AiSi D-2 High Chrome Steel

420 and 440 Stainless Steel

M-2 and M-4 High Speed Steels

Carbide (Tungsten or Nickel Binder)

CPM-10V and ASP 2053 Ultra High-Speed Steels

M-2 Inlaid Bars (up to 150" length)

In addition to machine knives, AQS supplies a multitude of hardened and ground wear parts including spacers, sleeves, wear plates and other replacement parts.

CIRCULAR SLITTERS

Top Dished Slitters

AQS is one of the largest suppliers of Top Dished Circular Slitters in the world. We stock most popular items and will custom manufacture by request. We supply round knives to a variety of industries including: paper converting (all levels), rubber processing, food and packaging.

Our knives are made from high quality aircraft, ball bearing, cross rolled steel sheet. We are well known for dimensional accuracy and perfect hardness. Since we supply a majority of the OEMs, you can be assured of customer approval.

In addition, we are now offering "from stock" the most popular items in Aisi, D-2 material. For approximately 2x the price, your customer should get 3x the life of the knife.

Female Bottom Knives

Manufactured from high quality bar stock, the mated bottom slitters for the dished cutters above are OEM quality, accurate in thickness size and have superior finishes on the OD and cutting edges.

Score Cutters

Manufactured from high quality bar stock, our knives are dimensionally accurate with high edge quality and appropriate radius. Most common items are in stock.

Core Cutters

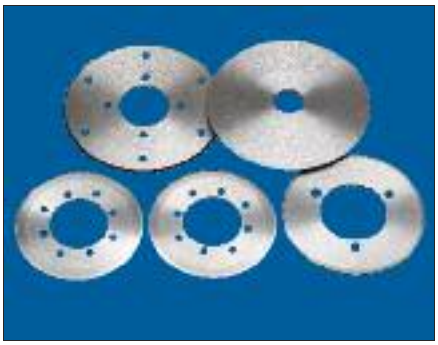
Manufactured from either bar stock or cross rolled sheet, our factory produces thousands of blades yearly for OEMs such as Paco, Cameron, Dusenbery, Eppler, Rockport and Sonoco.

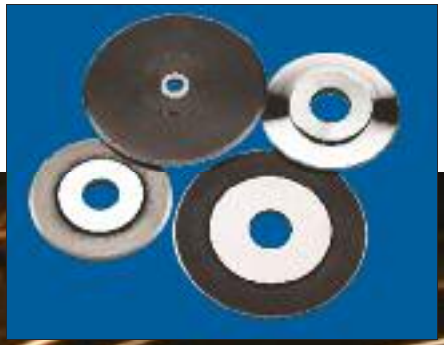
Flat Shear Cutters

Our cutters are perfectly flat and true discs with outstanding sharpness and edge quality. Knives are available with super flat, super polished faces and with at ± .0002" tolerance on thickness.

For more information visit our website at www.americanquicksilverco.com

Arrow
Atlas
Beloit
Cameron
Clark-Aiken
Dienes
Dusenbury
ECH Will
Goebel
Jagenberg
Kampf
Lenox
Paco
Rockwell
Rollem
Tidland
Titan





PACKAGING AND PROCESSING KNIVES

Our packaging and food processing knives are produced using the finest quality stainless steel alloys, precision grinders, nitrogen laser cutting, state-of-the-art CNC machinery, and exact computer controlled heat treating. Knives are available for the following:

- Vacuum Packaging Machines
- Horizontal Form Fill Seal Machines
- Vertical Form Fill Seal Machines

AQS packaging and processing knives:

- Manufactured to strict OEM specifications and tolerances
- ISO 9001 certified factory
- Popular styles shipped from stock
- Custom blades available

For more information visit our website at www.americanquicksilverco.com

Allpack Axon Best & Donovan Bosch Cryovac Doboy FMC Fuji/Formost General George Gordon Globe Hayssen Hobart Ilapak Multivac Oliver Redipak Ross Rovema Sandiacre Triangle Urschel Weiler And Many More

SPECIALTY ITEMS

In addition to our stock items, AQS "custom manufactures" over $1,000,000 worth of special order knives each year. Specialty slitter knives, toothed knives, and precision straight knives are among our more popular custom made items.

We can manufacture almost any shape of knife or blade. With a series of lasers and 5-axis grinding machines, our factory can produce much more that the traditional rectangular or circular cutter.

If you have "specialty blade" requirements, please send a sample, photocopy, print or sketch for a prompt quote.

PNEUMATIC SCORE KNIFE ASSEMBLIES

AQS is a leading worldwide supplier of pneumatic score knife holders. We produce more than 5000 units each year and offer a holder superior to many on the market with exact width size, clean movement, and secure knife fit.

Available Holder Widths

3/8"

9mm

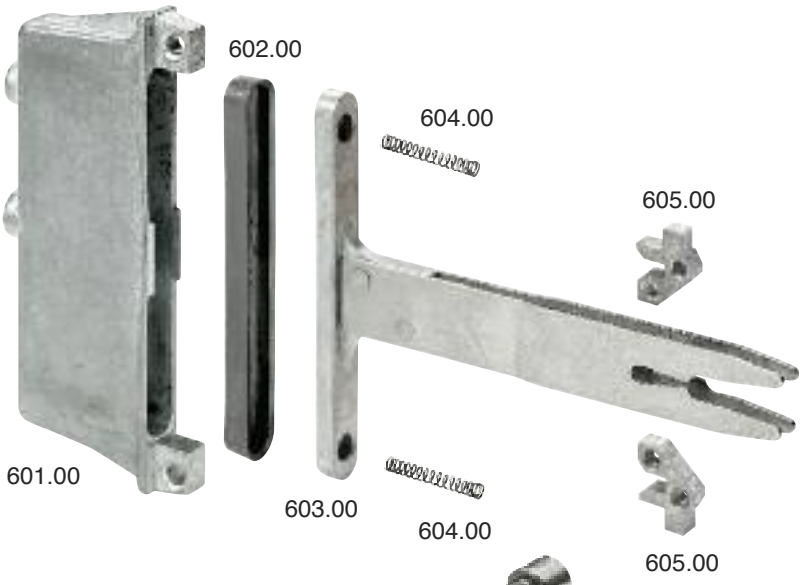
10mm

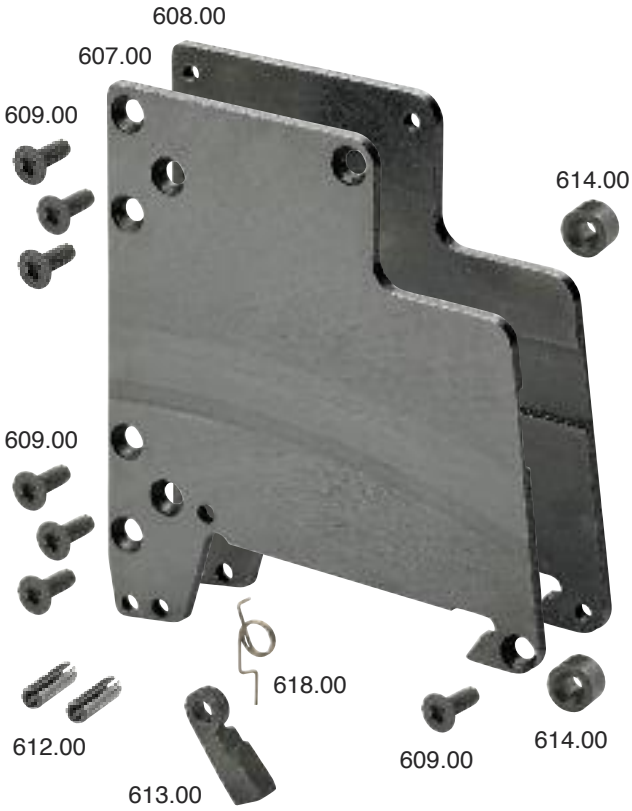
1/2"

12mm

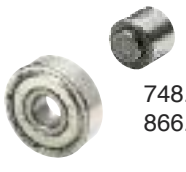
All AQS parts are 100% interchangeable with units currently on the market. The spacers and side plates are hardened and precision ground. Each unit is assembled, tested for leakage and smooth operation. Thickness is checked with precision micrometers and is held to ±.001".

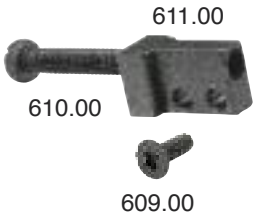
Our pneumatic holders are available in a standard black oxide finish or with a "friction free" coating that reduces heat and extends holder life. Heat is a primary factor in knife holder failure. Our solution is to slick coat those items influenced by friction. Units are also offered in hardened stainless steel for the food processing industry.





Score Knife





620.00 American Style Hose with Coupling

621.00 Euro Style Hose with Coupling

Fas'lock Clamp

A clever clamp that allows the assembly to move freely with just a pull/push of the red lever.

Holder Parts
601.00 Body
602.00 Piston Cup
603.00 Fork
607.00 Left Side Plate
608.00 Right Side Plate
748.02 Bearing (19mm)
866.02 Bearing (22mm)

Springs, Screws, & Spacers
604.00 Compression Spring
748.03 Axle (6mm)
866.03 Axle (8mm)
609.00 Screw
612.00 Pin
614.00 Spacer
618.00 Swivel Clamp Spring

Other Parts
605.00 Stop Block
610.00 Clamp Block Screw
611.00 Clamp Block
613.00 Swivel Clamp

Hoses
620.00 American Hose w/Coupling
621.00 European Hose w/Coupling

The American QuickSilver Company, Inc.

Contact our sales staff:
aqsmail@cinci.rr.com

To place an order;
aqsorderdesk@cinci.rr.com

Phone: 513-871-4517
Fax: 513-871-9470

646 Rushton Road
Cincinnati, OH
45226

Barney Pogue, Owner