



Recycling - Plastics
Industrial Knife Solutions

Nothing Cuts Like a Zenith Industrial Knife.

Zenith Cutter is a division of Fisher Barton focused on industrial knives. Our knives work faster, last longer, and cut deeper into the cost of production.

Since 1985, Zenith Cutter has been the trusted supplier of high-quality knives for the recycling industry. We are the best in the business because we never stop innovating. Our knives are manufactured with the toughest, high grade alloy tool steel for a variety of other industrial applications as well. Our world class, products are engineered to optimize your recycling operations

Our years of industry experience, combined with our in-house engineering services, prototyping and production capabilities enable us to manufacturer standard and custom recycling knives specific to your needs with cost effective pricing.

At Zenith Cutter, we are dedicated to providing you with the perfect solution for your size reduction applications.





Shredders

Zenith Cutter manufactures shredders with the best alloy tool steel to ensure product longevity and high performance. Our bed (counter) knives are through hardened for maximum wear and heat treated for extreme toughness.

- Premium tool steel
- Heat treated for extreme toughness
- Sizes from 25mm – 120mm with holders
- Shredder blocks for all makes and models
- Straight, Crown, Nips, Concave, and Standard designs are available
- Screens and grates for all makes and models



Granulator Knives

We offer application specific material selection, as well as knives and screens for all models.

- Manufactured to OEM specs for easy installation
- Heat treated for extreme toughness
- Same day shipments on most In Stock inventory
- Custom made knives to your print specifications



Screens

In addition to our extensive inventory of screens, custom screens are also available to meet your specific application needs.

- Standard and extended wear coating options
- Heat treated for extreme toughness
- Over 100 different screens for all granulators and shredders



Pelletizers

Process plastic effectively and efficiently with Zenith Cutter High Speed Steel: (HSS) M-2 steel.

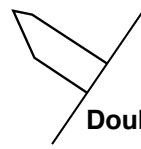
- Material options: powdered metal, carbide coated, stainless steel, other custom variations of material and heat treat
- Several options of heat treat hardness on mating die face

Fly Knife Bevel Options



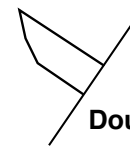
Single-angle

(One side of cutting edge)
Most popular bevel, for plastic wall thickness up to .250"



Double-angle

Strongest bevel option, for plastic wall thickness over .250". Need to maintain centerline throughout regrind process.



Double-angle

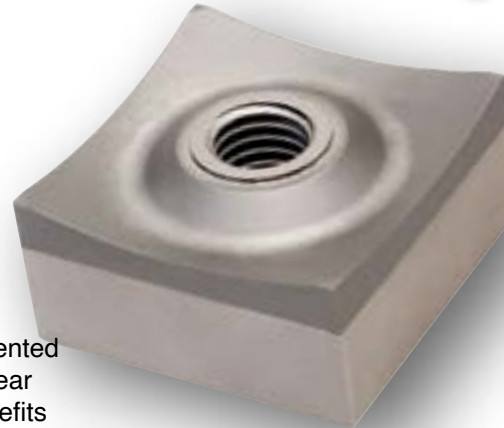
(Angle on one side of cutting edge) Primary and secondary bevel angles on same side of cutting edge, general purpose.



Hook Fly

Typical bevel for bottle grinding, for specific grinders that incorporate this type of "hook technology".

EXTREME, HIGH WEAR SHREDDING APPLICATIONS



Zenith Cutter is excited to introduce Shredzilla®, an innovative designed carbide-capped shredder block for use in most 40mm shredders. Our patented Shredzilla® was engineered due to customer demand for extreme, high wear shredding applications. This new patented product obtains numerous benefits over solid carbide cutters, solid steel knives, and carbide insert knives.

Advantages over solid carbide cutters

- Similar life at a nearly 30% lower overall cost
- Increased cutter efficiency from positive geometry with no drag or interference
- Lower maintenance expenses from the brazed structure and the elimination of equipment damage in the event of a failure

Advantages over solid steel knives

- Based upon customer feedback, they usually experience a 2 to 5 times increase in life and up to 50% - 60% less downtime due to less frequent blade changes required

Advantages over carbide insert knives

- Improved cutter efficiency and reduced wear for increased material throughput because of the continuous carbide surface and built in positive cutter geometry
- Four cutting edges for maximum life
- No special hardware requirements

Quality and ISO Certification

Using lean manufacturing, Zenith Cutter constantly evaluates processes, equipment and facilities to ensure we are producing the best products at the best prices. Our multi-step quality process ensures products are produced perfectly each and every time. With in-process inspections and a quality assurance program, there are steps all along the production line to verify products meet all specifications. In addition, our unique lot tracking system also monitors the progress from raw material to finished product. And, because customers rely on us to consistently deliver products on time, we have established a stringent internal protocol to verify that you are never disappointed.

Companies can count on Zenith Cutter to produce high-quality products and deliver them on time, every time. As leaders in metallurgy and innovation, we are an ISO 9001:2015 With Design certified facility that values product optimization. Our experienced engineering and product development team focus on providing you the best products at the best prices.



A DIVISION OF FISHER BARTON

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