

INDUSTRIAL KNIVES



VANGUARD STEEL LTD.



This is

VANGUARD STEEL LTD.



at your service

Since 1960, Vanguard Steel Ltd., a sister Company of Ringball Corporation, has been supplying specialty steels and steel products to North American Industries.

By representing some of the most reputable manufacturers around the Globe, Vanguard's various Product Divisions offer a wide range of North American, European and Asian products, many of which are being manufactured to Vanguard's own specifications and often exceed Industry Standards.

Besides office and warehousing facilities throughout Canada, Vanguard Steel relies on a vast network of Canadian and U.S. Distributors to assure local product availability and best possible service.

VANGUARD'S PRODUCT DIVISIONS:

- SPECIALTY STEELS
 - WIRE ROPES, CABLES AND RELATED HARDWARE
 - CHAINS AND ACCESSORIES
 - BUILDERS HARDWARE
 - INDUSTRIAL KNIVES
 - ABRASIVES
 - WELDING CONSUMABLES
- 



WAREHOUSE LOCATIONS

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INDUSTRIAL KNIVES

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INDUSTRIAL KNIVES

CONVERTING KNIVES

Vanguard can offer an extensive range of precision ground industrial machine knives for manufacturing bags and converting film, with coatings formulated to extend wear and provide consistent and precise cuts.

Our product line consists of a range of items, including serrated tooth knives equipped with consistent tooth forms to provide maximum yield and a consistent quality cut for all grades and thickness of films.

Available products Include:

- Bag KnivesCinch
- Circular Perfs
- Cut-off Knives
- Handle Punches
- Pneumatic Air Holders
- Draw Knives
- Core Cutters
- Dished Slitters and Bottom Anvils
- Lemo Knives
- Razor Blades

FLEXIBLE PACKAGING & LAMINATED MATERIAL

Vanguard knives and related parts are amongst the highest quality available for the Flexible Packaging & Laminated Materials industry.

Our Products Include:

- Air Hoses for Holders
- Bearings
- Circular Perfs
- Circular Top Flat & Dished Slitters
- Split Slitters
- Trim Cutters
- Multi Grooved Bottom Anvils
- Razor Blades
- Saw Toothed Core Cutters
- Sheeter knives
- Axles
- Bottom Slitters & Anvils
- Core Cutters
- Inlaid Carbide Knives
- Custom Knives and Holders
- Web Splicers
- Pneumatic air holders
- Rotary & Fixed Cut-off knives
- Score and Crush Cut Slitters
- Solid Carbide Knives





BAG & FILM

Vanguard has an extensive range of precision ground industrial machine knives for manufacturing bags and converting film, with coatings formulated to extend wear and provide consistent and precise cuts.

We bring extensive experience with Alpha Marathon, Amplas, CMD, Gloucester and Lemo machinery and equipment, allowing us to better meet the needs of our diverse customer base.

Our product line consists of a range of items, including serrated tooth knives equipped with consistent tooth forms to provide maximum yield and a consistent quality cut for all grades and thickness of films. Our stock pneumatic air holders come complete with enhanced components to provide our film, tape and textile customers with the most durable air holders available.

Available products include:

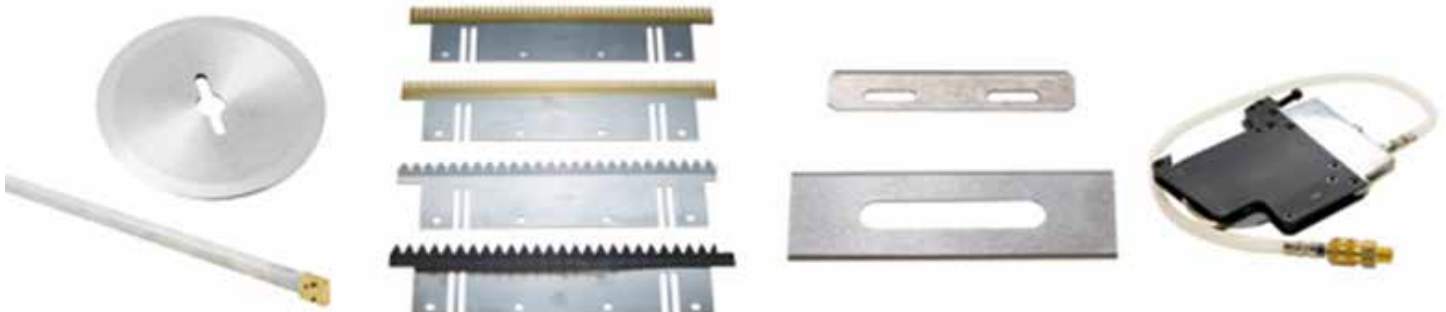
- Bag Knives
- Circular Perfs
- Cut-off Knives
- Handle Punches
- Pneumatic Air Holders
- Cinch Draw Knives
- Core Cutters
- Dished Slitters and Bottom Anvils
- Lemo Knives
- Razor Blades

PLASTIC FILM & SHEET

We offer only the highest quality blades and other related parts available for the Plastic Film & Sheet industry.

Available products include:

- Air Hoses for Holders
- Bearings
- Bottom Slitters & Anvils
- Circular Top Dished Slitters
- Circular Perfs
- Extrusion Cut-off Knives
- Inlaid Carbide Knives
- Lobe Knives
- Pelletizing Knives
- Pulverizing Knives
- Score and Crush Cut Slitters
- Shredding Knives
- Solid Carbide Knives
- Tread Knives
- Axles
- Bias Knives
- Calendar Knives
- Circular Top Flat Slitters
- Custom Knives and Holders
- Granulators
- Knife Holders
- Mill Knives
- Pneumatic Air Holders
- Razor Blades
- Sheeter Knives
- Skiving Knives
- Split Slitters





INDUSTRIAL KNIVES

PACKAGING KNIVES

Vanguard packaging knives are available in straight tooth for vertical form fill seal baggers, pouch applications, horizontal seal wrappers, vacuum packaging and roll stock equipment.

Our serrated tooth forms are capable of cutting a wide variety of films, with the ability to add other profiles, depending on the desired application.

This same precision tooth form is also used on all our cup and tray sealing knives for portion packaging.

Available products Include:

- Bagger knives
- EZ open knives
- Cut-Off knives
- Cup and tray sealing knives
- Wrapper knives
- Cup sealing knives
- Tub Sealing Knives
- Cross cut knives
- Slitters
- Pouch knives
- Perf blades
- Scissor knives
- Tray Sealing knives
- Pod Sealing Knives





HORIZONTAL FORM, FILL, SEAL

Vanguard has an extensive range knives used on flow wrapping equipment. These knives commonly contain straight, diagonal, and zigzag tooth profiles; as well as matching anvils. We can also offer customizes knives with tear notches and offer upgrades in materials and coatings.

Industries where these products are commonly used include:

- Bakery (bread, cookies, pastry and crackers)
- Snack Foods
- Frozen foods
- Cosmetics/Medical
- Candy/Confectionary
- Ice Cream
- Candy/Nutrition bars
- Pet Foods



VERTICAL FORM, FILL, SEAL

These knives commonly contain serrated, scalloped, zigzag, and EZ open tooth profiles. We can also customize your knives with tear notches and offer upgrades in materials and coatings.

Industries where these products are commonly used include:

- Bakery
- Cereal
- Condiments/Sauces
- Medical
- Candy/Confectionary
- Coffee/Tea
- Fruits/Vegetables
- Nutraceutical





INDUSTRIAL KNIVES

SEALING JAWS, CRIMPERS & HEAT SEAL BANDS

We have the capabilities to offer sealing jaws and crimpers used on Vertical and Horizontal Form, Fill, and/or Seal packaging equipment. We can recondition your used sealing jaws and crimpers for your convenience and provide you a huge cost savings. Upgrades in materials and FDA approved non-stick coatings are also available.

Industries where these products are commonly used include:

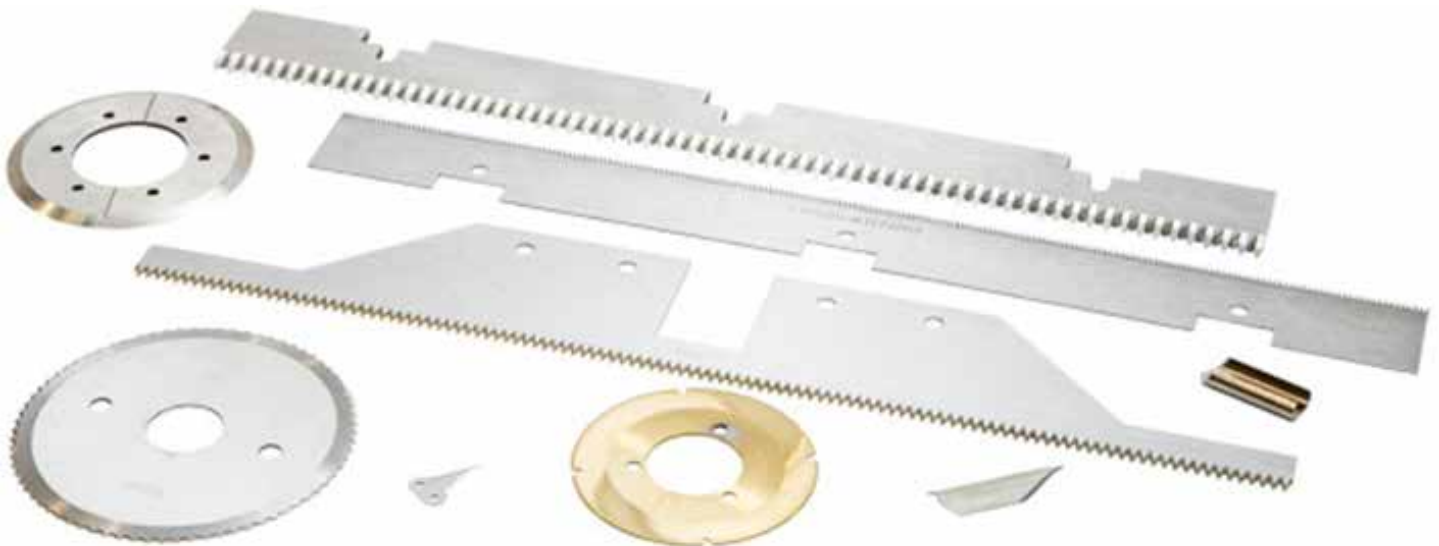
- Bakery
- Cereal
- Condiments/Sauces
- Snack Food
- Nutraceutical
- Personal Care
- Candy/Confectionary
- Coffee/Tea
- Fruits/Vegetables
- Medical
- Pharmaceutical
- Pet Foods

VACUUM PACKAGING

These knives are used on vacuum packaging and roll stock equipment. Available with standard OEM tooth designs including serrated, perforated, and EZ open profiles. Circular slitters with and without notches, punches, and piercing blades are also available. We also offer upgrades in materials and coatings for longer wear.

Industries where these products are commonly used include:

- Cheese
- Meats, Poultry and Seafood
- Pharmaceutical
- Deli Meats
- Medical





PLASTIC EXTRUSION, PELLETIZING & PULVERIZING

Vanguard offer an extensive range of premium quality blades and other related parts available for the Plastic Extrusion, Pelletizing, and Pulverizing industry.

Available products include:

- Extrusion Cut-off Knives
- Granulators
- Pelletizing Knives (Strand, Underwater, Water Ring, and Air Ring)
- Pulverizing Knives (for Plastic, Rubber, Wood, and others)
- Shredders (for Rubber and Plastic)



FOIL & THIN METALS

We also offer a full range of high quality blades and other related parts used in the Foil and Thin Metals industry.

Available products include:

- Bottom Slitters & Anvils
- Score and Crush Cut Slitters
- Split Slitters
- Circular Perfs
- Rotary & Fixed Cut-off knives
- Trim Cutters
- Pneumatic air holder's
- Axles
- Inlaid Carbide Knives
- Burst Cut Slitters
- Razor Blades
- Multi Grooved Bottom Anvils
- Sheeter knives
- Web Splicers
- Custom Knives and Holders
- Bearings
- Air Hoses for Holders
- Solid Carbide Knives





INDUSTRIAL KNIVES

PRINTING KNIVES

Vanguard offers the highest quality knives available for all your Pressroom, Bindery & Mailroom, Finishing, and Tag & Label machinery.

Our knives are available in a wide variety of steels, finishes, and coatings which allow for maximum wear resistance, dust control, and quality. With consistent hardness and burr-free edges, our machine knives provide you with outstanding performance for the rigorous environment of today's high speed printing production needs.

Our printing products include:

- Anti Gusset Cut-Off Knives
- Bottom Slitters & Anvils
- Carbide Shredder Teeth
- Circular Top Flat & Dished Slitters
- Dished Slitters
- Doctor Blades for Gravure and Flexo
- Folder Cross Cut Off Knives
- Inlaid Carbide Straight Knives
- Inline Rotary Cutters
- Perforating Slitters
- Rotary & Fixed Cutoff Knives
- Rotary Trimmer Solid Carbide Anvils
- Serrated Knives
- Slitters
- Solid and Split Top Slitters
- Slitters
- Splicers
- Tension Rollers
- Top Slitters
- Tucker Blades
- Beveled Knives
- Carbide Roughing Inserts
- Circular Perfs
- Creasers
- Herringbone Perfs
- Folder Blades
- Guide Bars
- Inlaid Carbide Circular Knives
- Jaw Blades
- Pneumatic Air Holders
- Rotary Trimmer Carbide Inserts
- Score and Crush Cut Slitters
- Sheeter Knives
- Solid Carbide Knives
- Solid and Split Top Perforating
- Solid Carbide Knives
- Springs and Bushings
- Timed Perfs
- Trimmers





PRESSROOM

Vanguard pressroom products are the highest quality precision ground circular and straight knives for the commercial printing, newspaper, and business forms industries.

Each knife is produced with consistent hardness and burr-free edge qualities to exceed the demands of today's high speed printing industry.

Our pressroom products include:

- Anti-Gusset Cut-Off Knives
- Circular Top Flat & Dished Slitters
- Doctor Blades for Gravure and Flexo
- Folder Cross Cut Off Knives
- Inlaid Carbide Circular Knives
- Pneumatic Air Holders
- Rotary & Fixed Cut-Off Knives
- Score and Crush Cut Slitters
- Timed Perfs
- Beveled Knives
- Circular Perfs
- Folder Blades
- Herringbone Perfs
- Inline Rotary Cutters
- Serrated Knives
- Slitters
- Splicers
- Tucker Blades
- Bottom Slitters & Anvils
- Creasers
- Guide Bars
- Inlaid Carbide Straight Knives
- Jaw Blades
- Sheeter Knives
- Solid Carbide Knives
- Tension Rollers

BINDERY & MAIL ROOM

We offer an extensive stock of superior quality knives to cater to the needs of your full line of bindery department and mailroom production equipment.

Our blades are produced using advanced turning and grinding techniques, employing our unique industry and product knowledge to produce superior knives with exact flatness and bevel dimensions for superior cuts and extended life.

We select our materials specifically for optimum wear qualities, with strictly controlled hardness standards for enhanced product performance. Find our full list of products for the Bindery & Mail Room industry below.

Our bindery and mail room products include:

- Bottom Slitters & Anvils
- Circular Top Flat & Dished Slitters
- Inlaid Carbide Circular Knives
- Inlaid Carbide Straight Knives
- Rotary & Fixed Cut-Off Knives
- Solid and Split Top Perforating Slitters
- Carbide Roughing Inserts
- Creaser Blades
- Perforating Slitters
- Sheeter Knives
- Solid and Split Top Slitters
- Tension Rollers
- Carbide Shredder Teeth
- Dished Slitters
- Pneumatic Air Holders
- Solid Carbide Knives
- Trimmers
- Top Slitters





INDUSTRIAL KNIVES

TAG & LABEL

We offer an extensive range of premium quality knives to cater to the demands of your printing presses, slitting, perforating, and cut-off production equipment. Our materials are selected and hardness standards strictly controlled to prolong the life and enhance the performance of the product.

All blades are consistently manufactured to OEM specifications for all types of label, ticker, pre-cut insert, and card production machines.

Our Products Include But Are Not Limited To:

- Bearings and Axles
- Circular Perfs
- Doctor Blades for Gravure and Flexo
- Inlaid Carbide Circular Knives
- Knife Holders
- Razor Blades
- Slitter Holders
- Rotary & Fixed Cut-Off Knives
- Solid Carbide Knives
- Springs and Bushings
- Bottom Slitters & Anvils
- Circular Top Flat & Dished Slitters
- Pneumatic Air Holders
- Inlaid Carbide Straight Knives
- Perforating Slitters
- Score and Crush Cut Slitters
- Top Slitters
- Sheeter Knives
- Splicers





SAFE-T CUT KNIVES

Standard Features:

- Easily snaps open with twist of a screwdriver for quick blade changing, snaps shut.
- Blades are reversible.
- Use standard “Schick” injector blade

Safe-T Cut #100 Film Knife

Vanguard Code: **4806 1100**

Designed to cut film, shrink overwrap, string and twine - 1/8” opening



Safe-T Cut #250 Film Knife

Vanguard Code: **4806 7000**

Designed to cut packaging foam and bubble wrap 1/4” opening

Safe-T Cut #375 Tube Knife

Vanguard Code: **4806 1101**

Designed to cut cardboard, vinyl, thick foam, soft tubing and bubble wrap 3/8” opening



Replacement Blades

Safe-T Cut Knife	Description	Standard Box Quantity (Pcs)	Vanguard Code
#100	Stainless Steel Industrial Injector Blades #0015	100	4807 0083
#250	Stainless Steel Industrial Injector Blades #0015	100	4807 0083
#375	#375 Replacement Blades	100	4807 1103



INDUSTRIAL KNIVES

UTILITY KNIVES & BLADES

7PT VGD-07 M/PS/L500

Vanguard Code: **4806 8242**

Heavy duty breakaway knife
Metal insert with lockdown screw



7PT HD CYM-730 M/PS

Vanguard Code: **4806 8244**

Heavy duty breakaway knife with rubber grip
Metal insert with lockdown screw

7PT Auto Lock 66-0937

Vanguard Code: **4806 0094**

Heavy duty breakaway knife
Metal insert with lockdown screw
Contoured grip for superior control.



VGD-13

Vanguard Code: **4806 8200**

Heavy duty breakaway knife
Light duty utility knife
Metal construction

Retractable Utility Knife

Vanguard Code: **4806 0005**

Top slide all metal utility knife
3 Replacement blades included (WBG-207)
Designed for quick shallow cuts



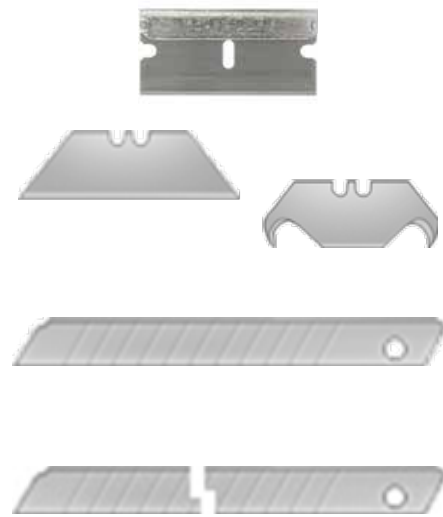


Replacement Blade Suitability Chart

Vanguard Code	Description	Suitable for the following Knives	Sold in Multiples of
4807 8220	7 Point Breakaway Blade	4806 8242 and 4806 0094	10 Pcs
4807 8210	13 Point Breakaway Blade	4806 8200	10 Pcs
4807 0090	13mm Breakaway Blade (#0827)	4806 8200	10 Pcs
4807 0074	9mm Solid Blade	4806 8200	10 Pcs
4807 0075	18mm Solid Blade	4806 8242 and 4806 0094	10 Pcs
4807 0050	WBG-207	4806 0005	100 Pcs
4807 0058	WBG-208 (Hooked Blade)	4806 0005	100 Pcs

Industrial Blades

Vanguard Code	Description	Sold in Multiples of
Single Edge Razor Blades		
48070025	#9 Carbon Steel	100 Pcs
48070036	#9 Stainless Steel	100 Pcs
48070030	#12 Carbon Steel	100 Pcs
Utility Blades		
48070050	WBG-207	100 Pcs
48070058	WBG-208 Hooked	100 Pcs
Snap Off/Breakaway Blades for Utility Knives		
48078220	VGD-07B (7 Point)	10 Pcs
48070073	7 Point – Premium	10 Pcs
48078210	VGD-13B (13 Point)	10 Pcs
48070090	13 Point – Premium	10 Pcs
Solid/Safety Blades for Utility Knives		
48070074	9mm Solid Blade	10 Pcs
48070075	18mm Solid Blade	10 Pcs





INDUSTRIAL KNIVES

Industrial Blades

Vanguard Code	Description	Sold in Multiples of
Schick Injector Blades		
48070055	0086 Carbon Steel	100 Pcs
48070083	0015 Stainless Steel	100 Pcs
48070087	0015TC Stainless Steel TiN Coated	1 Pc
48070082	2 Open Slots Tin Coated	1 Pc
Double Edge Round Corner, Slitter Blades		
48070080	61-0019 Carbon Steel	100 Pcs
48070061	VAN882 Stainless Steel	100 Pcs
48070078	0837TC Stainless Steel TiN Coated	1 Pc
48070070	Type C Ceramic Coated	1 Pc
Double Edge Square Corner, Slitter Blades		
48070067	88-0425 Carbon Steel	100 Pcs
48070065	0847 Carbon Steel (0.017" Thick)	100 Pcs
Single Edge Square Corner, Slitter Blades		
48070088	88-0435 Carbon Steel (0.015" Thick)*	100 Pcs
48070768	0767TC Stainless Steel TiN Coated*	100 Pcs

* Not a standard stock item, minimum order quantities may apply

