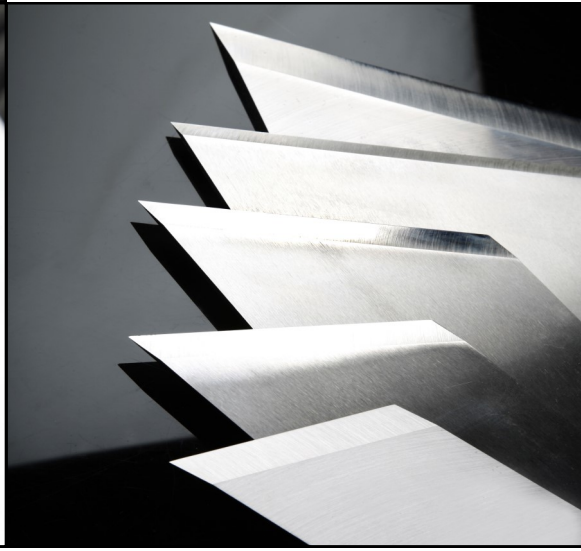
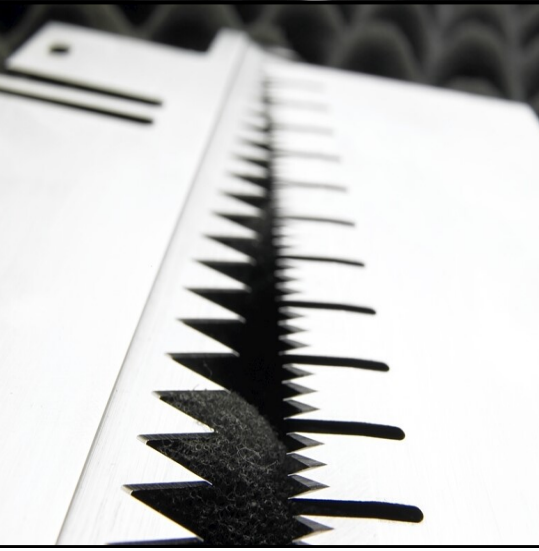


**SHEFFIELD
MACHINE KNIFE**

**Manufacturing
Capability Index**



History of Sheffield Machine Knife

Sheffield Machine Knife Co Ltd is an old Sheffield Company with the Skull and Crossed bones as its registered Mark since 1862. The 1953 Register of Trade Marks of the Cutlers' Company shows the Mark was registered for the following "class and description of goods" :

- *Steel,*
- *Machinery and Parts thereof,*
- *Agricultural and Horticultural Machinery and parts thereof,*
- *Cutlery and Edge Tools,*
- *Metal goods not included in other classes and*
- *Goods of precious metals and imitations thereof.*



Sheffield Machine Knife Ltd (SMK) was acquired by Edward Turner and Son Ltd in 2008 in order to preserve and use this historic name for the manufacture of "Machine Knives Made in Sheffield". For, as John Ruskin's said, "In Cutlers Iron Works we have in Sheffield the best of its kind done by English hands, unsurpassable when the workman chooses to do all he knows by that of any nation." (Engraved on The Cutlers Hall in 1867 and still true today).



Made in Sheffield is one of the worlds great brands made famous as a guarantee of quality products from a distinct geographical location.

For further details visit: www.madeinsheffield.org

Sheffield Machine Knife are very proud to be "Made in Sheffield".



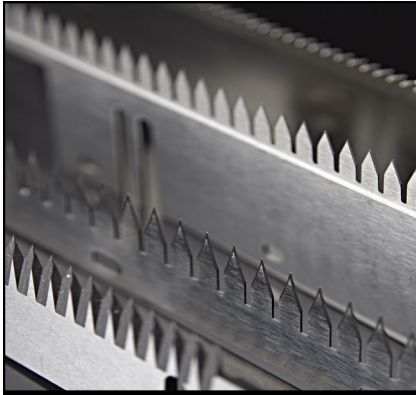
Welcome to the Sheffield Machine Knife capability index.

www.sheffieldmachineknife.com

Sheffield Machine Knife (SMK) is part of a Sheffield based engineering company specialising in the manufacture of machine knives and industrial blades for all sectors of business and industry, particularly the packaging, food processing, plastics and recycling industries. Manufacturing in Sheffield, England the Company is proud to be “Made in Sheffield” and equally proud of the skills of its work force. SMK has a wide range of capabilities and this brochure is designed to highlight what the company has to offer:

- ◆ Section 1 Toothed Knives
- ◆ Section 2 Straight Knives
- ◆ Section 3 Zigzags, Knives, Punches and Anvils
- ◆ Section 4 Circular Knives
- ◆ Section 5 Food Processing Blades
- ◆ Section 6 Recycling and Waste Management
- ◆ Section 7 Industrial Blades and Safety Knives
- ◆ Section 8 Working with SMK
- ◆ Back Cover Contact details





Toothed Packaging Knives

Sheffield Machine Knife (SMK) has a full toothed knife manufacturing capacity in our Sheffield Factories. Our highly skilled engineers are proficient at all tothing types and the machinery mix allows us to make in coil up to 100m, bar to 1.5m and hold accuracy down to 0.05mm. We hold many items on inventory and can also manufacture blades on short delivery times, including:

- ◆ Vertical Form Fill blades
- ◆ Tray seal knives
- ◆ Case Sealer/taper blades
- ◆ Vacuum Cut off knives
- ◆ Bagger blades
- ◆ Tiger tooth knives
- ◆ Scalloped knives
- ◆ Toothed coil
- ◆ Apex toothed blades
- ◆ Tear Notched knives

Contact Sheffield Machine Knife for more information using the details on the back cover.



Straight Knives

Sheffield Machine Knife (SMK) has extensive experience in making straight blades for many uses. Our highly specialised machinery allows high tolerances to be held across longer blades to maximise the cutting ability and life. We hold many items on inventory and can also manufacture blades on short delivery times, including:

- ◆ Scrapers
- ◆ Guillotines
- ◆ Bagging knives
- ◆ De-seamer blades
- ◆ Food blades
- ◆ Confectionery blades
- ◆ Overwrap blades
- ◆ Flow wrap knives
- ◆ Pelletisers
- ◆ Cut off knives
- ◆ Extruder blades

Contact Sheffield Machine Knife for more information using the details on the back cover.

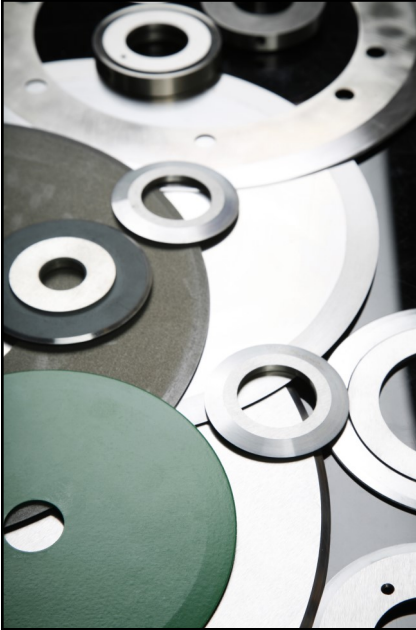
Zigzags, Knives, Punches and Anvils

Sheffield Machine Knife (SMK) has a cell dedicated to the manufacture of flow-wrap knives and anvils including zigzag blades and tear-notch knives. These can be manufactured to any length and our experience as an OEM manufacturer ensures that the key tolerances ensure a seamless and reliable seal. We hold inventory of regular moving items but also manufacture “bespoke” parts to meet customers requirements based on their product and packaging materials. Products include:

- ◆ Zigzag knives & anvils
- ◆ Euro slot punches
- ◆ Crimp jaws
- ◆ Punch and Die
- ◆ Flow wrap knives
- ◆ Over wrap knives
- ◆ End of Line
- ◆ Vacuum punches

Contact Sheffield Machine Knife for more information using the details on the back cover



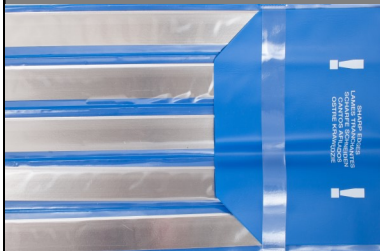


Circulars Blades

Sheffield Machine Knife (SMK) makes circular knives for use in many industries and in many materials depending on the customer's requirement. The use of highly trained smiths to ensure flatness prior to bevelling means that the product gives excellent service when in use. We understand the geometric complexities involved with slitting and can advise on angles and steel to optimize blade performance. We hold many parts on inventory and can make products on short lead times including:

- ◆ Metal slitting blades
- ◆ Food processing blades
- ◆ Core cutting blades
- ◆ Crush cutting blades
- ◆ Pleating blades
- ◆ Printing Industry blades
- ◆ Fibre cutting blades
- ◆ Textile Industry blades

Contact Sheffield Machine Knife for more information using the details on the back cover.

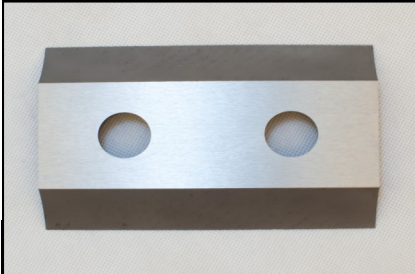
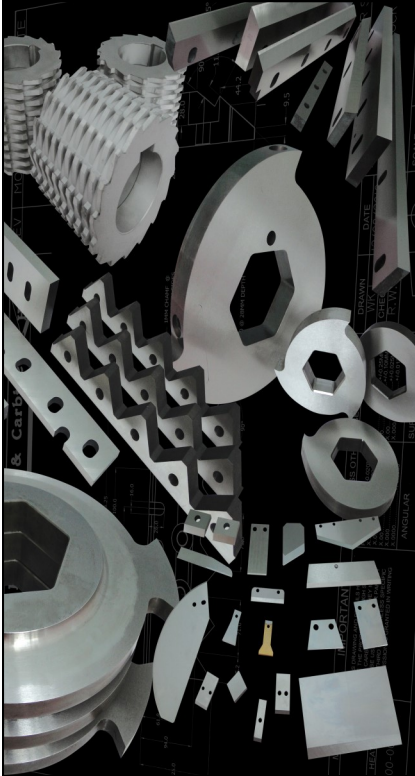


Food Processing Blades

Sheffield Machine Knife (SMK) has a wide range of food processing knives available for companies requiring longevity and reliability from their blades. SMK holds European food grade stainless steel in stock and can also finish products with food safe PVD coatings to ensure that parts do not degrade during wash down. SMK can manufacture the following blades:

- ◆ Slicing blades
- ◆ Food blades
- ◆ Bowl choppers
- ◆ Mincing blades and plates
- ◆ Skinner blades
- ◆ Crisp blades
- ◆ Extruding blades
- ◆ Poultry processing blades
- ◆ Bakery scrapers
- ◆ Confectionary blades
- ◆ Toffee cutters

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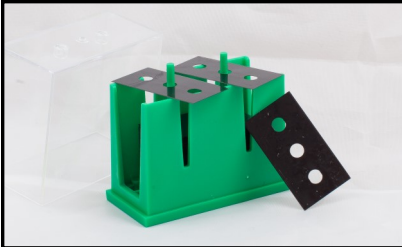


Recycling and Waste Management

Sheffield Machine Knife (SMK) are machine knife specialists with particular experience in making knives for the Recycling and Waste Management (RWM) industry sector. Blades include:

- ◆ Shredders
- ◆ Shredder teeth
- ◆ Single and twin shaft shredder blades
- ◆ Chipper blades
- ◆ Biomass blades
- ◆ Hooked shredders and spacers
- ◆ Shear blades
- ◆ Granulator blades
- ◆ Wood chipper blades
- ◆ Pelletiser blades
- ◆ Die face cutter blades
- ◆ Wear parts

Contact Sheffield Machine Knife for more information using the details on the back cover.



Industrial Blades and Safety Knives

Sheffield Machine Knife (SMK) also supply the industrial blades, hand knives and safety knives required to keep production flowing. Being based in Sheffield means that SMK knows hand knives and can assist you in providing all your cutting requirements including:

- ◆ Safety hand knives
- ◆ Metal detectable knives
- ◆ Slitting blades
- ◆ Utility blades
- ◆ Fibre blades
- ◆ Knife handles
- ◆ Hand scrapers
- ◆ Butchers knives
- ◆ Roofing blades
- ◆ De-seamer blades
- ◆ Scalpels
- ◆ Craft blades

Contact Sheffield Machine Knife for more information using the details on the back cover.



SHEFFIELD MACHINE KNIFE

www.sheffieldmachineknife.com

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