

# RULE DIE STEEL

## 1 BE/BD

This is a bevel used for cutting leather, rubber and plastics in the shoe industry. It is a side bevel steel with only a small support bevel on the inside. Without the small inside bevel the knife would collapse when cutting soft materials. You can bend a right angle to give a true right angle corner. BE is single edge. BD is double edge. BD is used when cutting leather. Turning over the knife gives left and right pieces. Also available in 32mm.

## 2. AE/AD

This is a centre bevel used when a centre blade is needed. For example if you wish to make a knife to cut a half circle, then you would make a circle and place the AE or AD steel across the centre giving 2 identical half circle pieces. Once again AE is a single edge, AD is double. Also available in 32mm.

## 3. SEG

This is a bevel used when cutting only hard materials, for example, insole board in the shoe industry, or photo frame backs. The hardness of the material when cutting, stops the knife from collapsing, there is only a very small inside bevel, this is necessary in order to allow the cut piece to be removed from the knife, rather than the cut piece wedge inside against a larger bevel.

SEG would collapse if soft flexible materials were attempted to be cut, only use when cutting hard stiff materials. Only single edge available. If the material to be cut is very thick or hard then 2.8mm would be used.

## 4. TER/TEG

This bevel is designed to cut textile materials. It has a long inside as well as outside bevel for ease of cutting when multiple layers are required to be cut. The "R" denotes a rolled finish bevel on the bevels, whereas the "G" denotes a ground finished bevel. The "G" is used when cutting more difficult textiles such as man-made fabrics. The "R" is ok for cottons etc.

## **RULE DIE STEEL - 2**

### **5. TES**

This is a serrated steel used for some of the more difficult man-made textile fibres. Such as polyesters. It can be supplied in 19mm/32mm and 50mm high. This depends how many layers of cloth are required to be cut.

### **6 TES-G**

This is an even more advanced finish than the TES and is used for some of the new man-made materials which are causing cutting problems. This knife is edge hardened like the TES but is ground again after hardening to give an extremely fine sharp edge in a scallop shape that reduces the cutting pressure requirement.

### **7 GIMP**

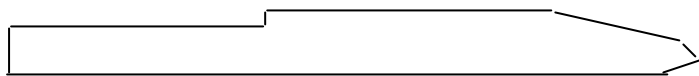
This is supplied in 19mm and 32mm with dimensions as in the brochure. Gimp is used to form a finished shape to the edge of the material.

Rule die steel is supplied in coils and packed in cartons bound with orange or yellow tape to signify that the contents are standard material - "Yellow" or high frequency hardened material - "Orange". Orange has a body that can be bent to intricate shapes and has a hard edge for long life cutting.

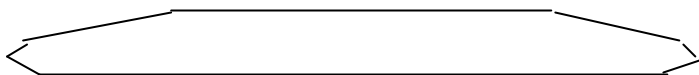
Yellow is required when very tough materials are cut the body is stronger, but intricate shapes are more difficult to produce. It is not edge hardened.

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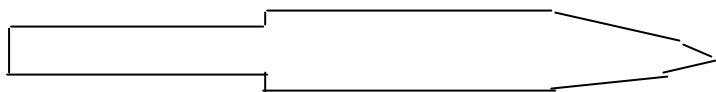
BE



BD



AE



AD



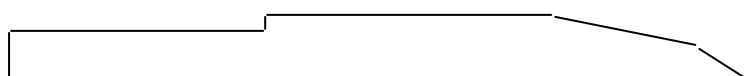
TE-g / TE-W



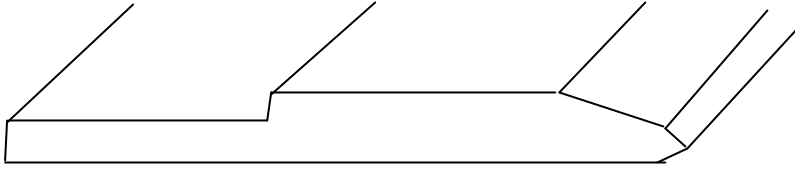
ATE



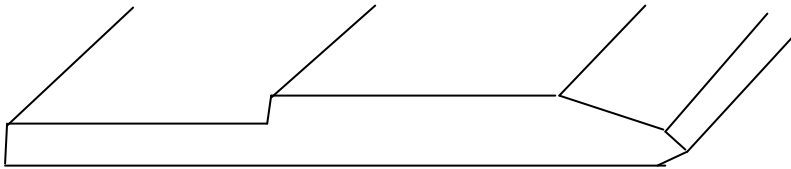
SE-g / SE-W



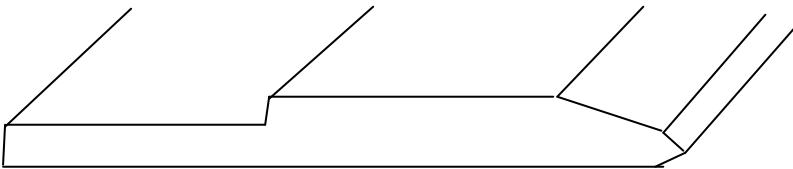
TE-g / TE-W



TE-Ultracut



TES



TES-G

