

Select the right cutting rule for the job

Sandvik 'Applications Spider'

DATASHEET S-5633 - ENG. May 2004.

The majority of substrates can be cut with a standard shaved edge cutting rule. Sandvik's recommended product for this standard rule is Sandvik Dieflex, 2pt thick, centre bevel with shaved edge and a 52° edge angle. This rule, which was the world's first edge-hardened rule, can be used for nearly 80% of all cutting applications.

It is when cutting something special, either in material, thickness, number of layers, etc. that problems can occur. These problems can be solved and an optimum die cutting process achieved by using combinations of the various parameters of the steel cutting rules

such as thickness, grade, edge bevel, edge angle and edge configuration.

By selecting various combinations of these parameters, Sandvik has created the widest range of rules available today. Whatever the cutting application, there will be a Sandvik rule to handle it.

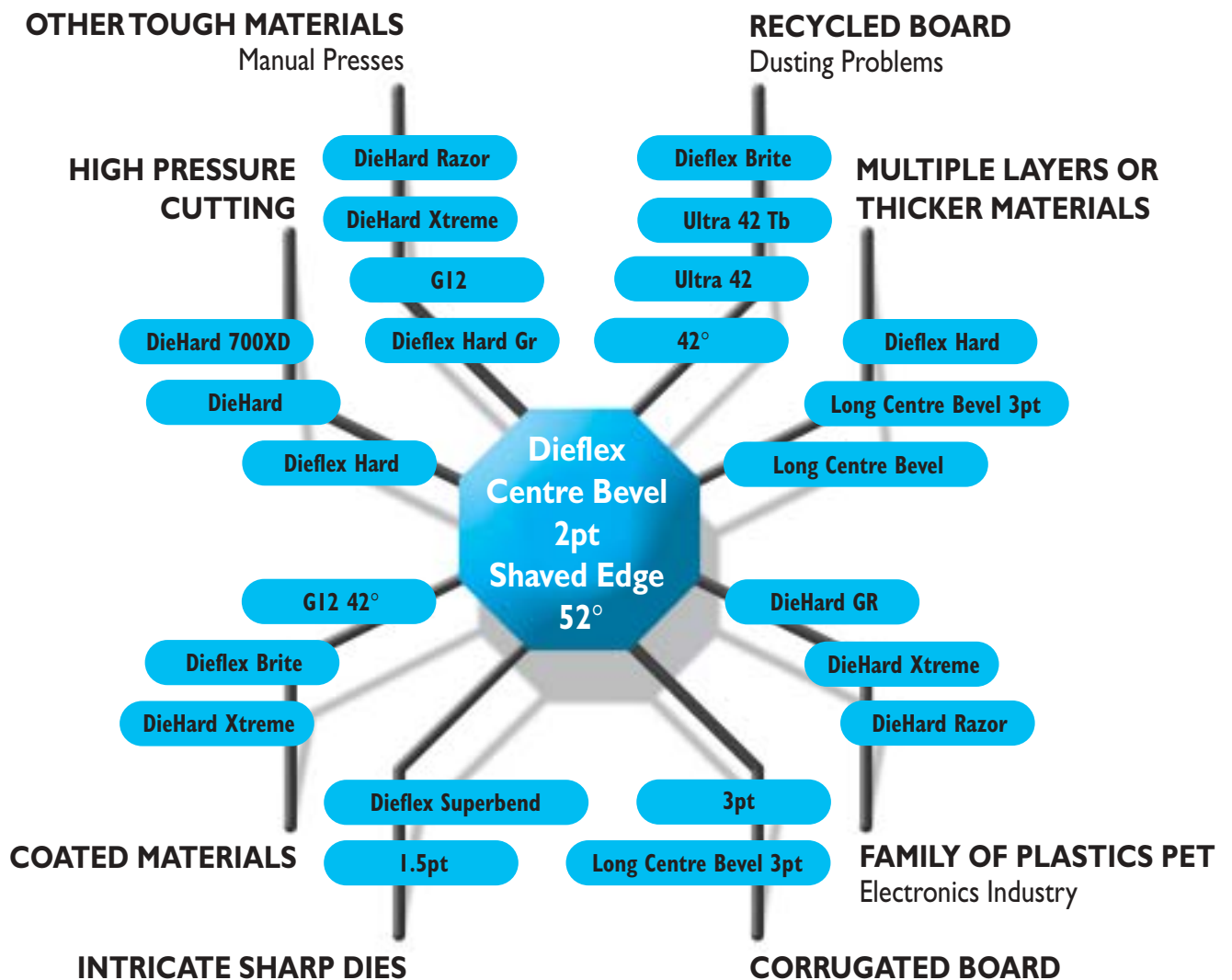
The Sandvik 'Applications Spider' will guide you through this "web" of information and help you arrive at the best product for your job.

INSTRUCTIONS

As stated above, DC-23.80-2 is the standard Sandvik rule at the heart of the 'Applications Spider'. Travelling along each of the eight legs will take you to the variations encountered in the diecutting industry. The nodes along these legs suggest additions/modifications

to the rule parameters. If the first node does not entirely solve your problem, move on along the leg and the subsequent suggestions will help you arrive at the right cutting rule for the job.

THE SANDVIK 'APPLICATIONS SPIDER'



FURTHER INFORMATION

Further information relevant to Sandvik DieCutting products is available on request:

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|------------------------------|--|
| S-501-ENG May 2004. | Sandvik Flat Bed Rotary Diemaking Rules - International Product Programme brochure. |
| S-5618-ENG May 2004. | Sandvik Dieflex datasheet. |
| SDCP-PKG-ENG August 2002. | Sandvik packaging information for Flat Bed Cutting and Creasing Diemaking Rules. |
| SDCP-PC-ENG June 2003. | Sandvik product codes for Flat Bed Diemaking Rules - a guide to the product markings on all rules. |

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Recommendations are for guidance only, and the suitability of a material for a specific application can be confirmed only when we know the actual service conditions. Continuous development may necessitate changes in technical data without notice.

This data sheet is only valid for Sandvik material. Other material, covering the same international specifications, does not necessarily comply with the mechanical and corrosion properties in this datasheet.

