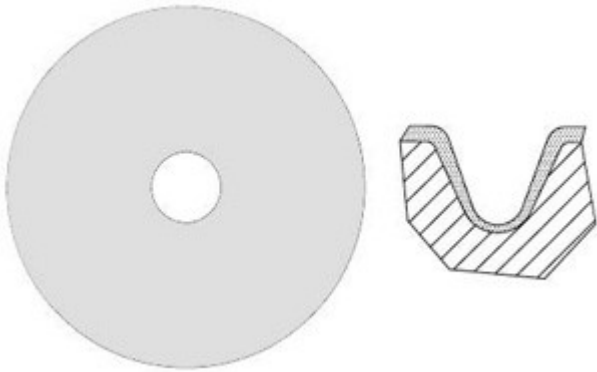


DIAMOND EDGE GRIND WHEELS

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- Our diamond edge grinding wheels are custom designed and manufactured to satisfy the specific needs of our customers.
- We are known for our high diamond concentration which ensures a long lasting product.
- Only 100% natural virgin diamond powder is used in all our production.
- We maximize groove count and can manufacture multiple groove sizes on a single wheel.

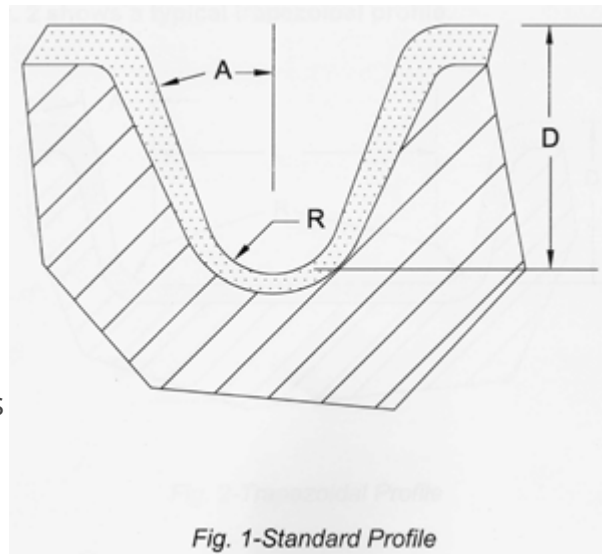


- We offer many diamond mesh sizes for various industries and can manufacture multiple sizes on a single wheel.
- Nifec manufactures all sizes used in the industry, which include:
 - 8" (202mm) O.D. with 1 to 11 grooves
 - 4" (100mm) O.D. with 1 to 9 grooves
 - 2" (50mm) O.D. with 1 groove



Standard Profile:

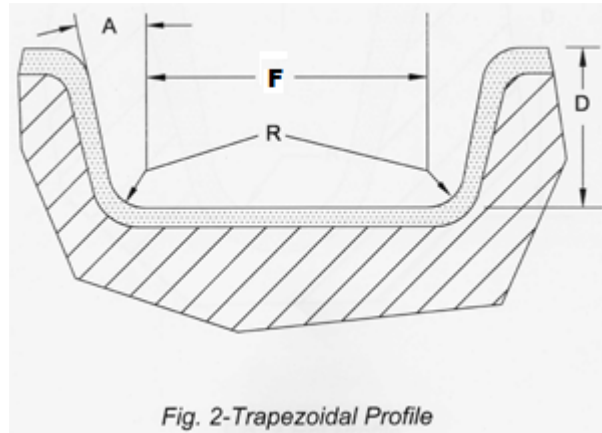
This is a commonly used profile. It has a full radius **R**. The groove depth **D** and bevel angle **A** are usually 1mm and 20° respectively. Bevel angles of 22° and 18° are also common. Nifec manufactures all different values of **R** and **A** that are used in the industry.



Trapezoidal Profile:

This profile has two radii connected by a flat surface. The depth of the groove **D** is usually 1mm. The angle **A** can be 11° or 22°. The values of the two radii **R** and the length of the flat surface **F** connecting the two radii

are custom to customer specifications. Nifec manufactures all values of **R**, **A**, **F**, and **D**, that are used in the industry.



Epi Profile:

This profile is similar to the standard profile except the groove depth **D** is equal to 1.5mm and the angle **A** is equal to 11°. Nifec manufactures all values of **R** that are used in the industry.

