



# A BRAND<sup>®</sup> ADF

Advanced Performance Carbide Flat Drills for Various Applications

**High Performance Flat Bottom Drill!**

## PRIMARY TARGETS

- Counterbores & Non-Flat Surfaces, Angled Drilling, Odd/Unique Drilling Applications

## SOLUTIONS

- A Versatile Drill for All Kinds of Drilling Situations Such as: Cross Holes, Inclined & Curved Surfaces, Thin Plates, Curved Exit, Etc.

## WHAT OUR CUSTOMERS SEE

- A **Highly Versatile Drill** with Minimal Exit Burrs
- Able to Drill **Accurately** in Various Surface Applications

## HOW DOES IT WORK?

### 180° Flat Bottom Point

- Stable Hole Entry and Exit On Any Type of Surface

### Wide Flute Form

- Excellent and Smooth Chip Evacuation

### Coolant-Through Option

- Ideal for Stainless Steel Applications

### Unique End Cut Geometry

- Reduces Cutting Forces to Enable Stable Machining



# A Brand® ADF

## Advanced Performance Carbide Flat Drills for Various Applications

### A Brand® ADF

The A Brand® ADF flat bottom drill enables one-step drilling to simplify machining time and tool management. Now offered in coolant-through and long shank, this drill is suitable for a wide variety of drilling applications including cross holes, inclined surfaces, counter boring in curved surfaces, eccentric holes, thin plates, etc.



### Features & Benefits

- **OSG's proprietary EgiAs coating** suppresses friction with the high wear resistance layer to help prevent breakage.
- **Unique end cut geometry** reduces cutting forces to enable more stable and precise drilling.
- **Wide flute geometry** allows smooth chip evacuation.

### List Numbers

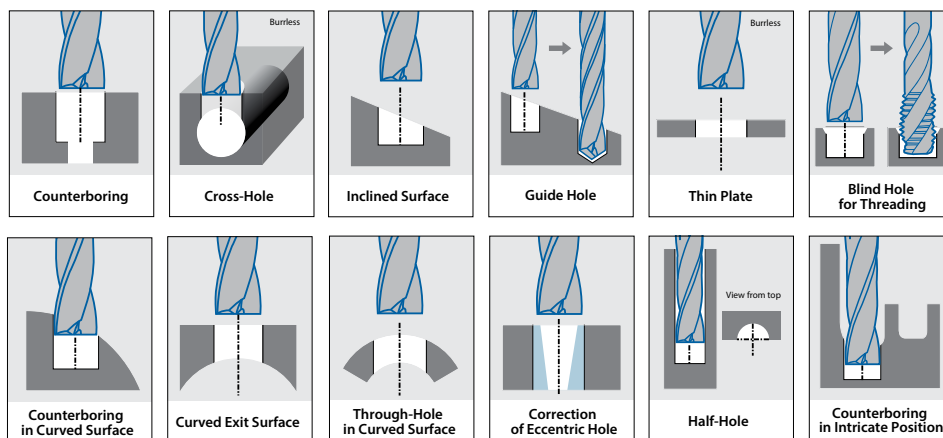
5700 - A Brand® ADF (2D)	0.2mm-20mm, 1/64"-3/4"
5705 - A Brand® ADF-LS (2D, LS)	3mm-20mm, 1/8"-3/4"
5720 - A Brand® ADFO (3D, Coolant)	3mm-20mm, 1/8"-3/4"

### Size Range

### Multi-Purpose Flat Drills

The ADFO and ADF are Suitable for a Wide Variety of Applications

The ADFO & ADF drills are capable of drilling in numerous applications such as inclined surfaces, curved surfaces, flat-bottom holes and more.




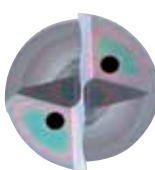
### Application Guide

#### Exceptional Wear Resistance & Toughness

Constructed with extreme toughness, high wear and heat resistance characteristics to ensure stable and consistent tool life. Suppresses friction with the wear resistance layer; prevents breakage with the nano periodical layer.



When machining stainless steel, the ADFO breaks chips into small, manageable pieces

ADF 2D & ADF-LS 2D	ADFO 3D
 <ul style="list-style-type: none"> <li>• General purpose</li> <li>• Suitable up to 2D</li> <li>• Suitable for a wide variety of applications</li> </ul>	 <ul style="list-style-type: none"> <li>• Up to 3D Drilling</li> <li>• Suitable for stainless steel applications</li> </ul>

For more information use your phone to scan the QR code to the right and visit: [osgtool.com/adf](http://osgtool.com/adf)



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