

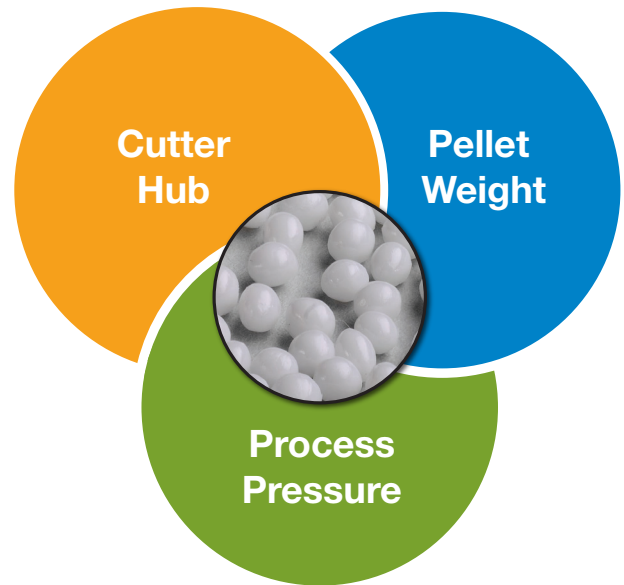
# BKG® HiCut™

## Upgrade your system - the new BKG® HiCut™

Your pelletizing process is influenced by three main factors. First, the process pressure as result of viscosity and throughput. Second, the desired weight of the pellet. And third, the cutter hub's configuration and its rotation speed per minute.

In combination with the right die plate, the cutter hub is the heart of the pelletizing system and determines the output and quality of the pellet more than any other component of the machine.

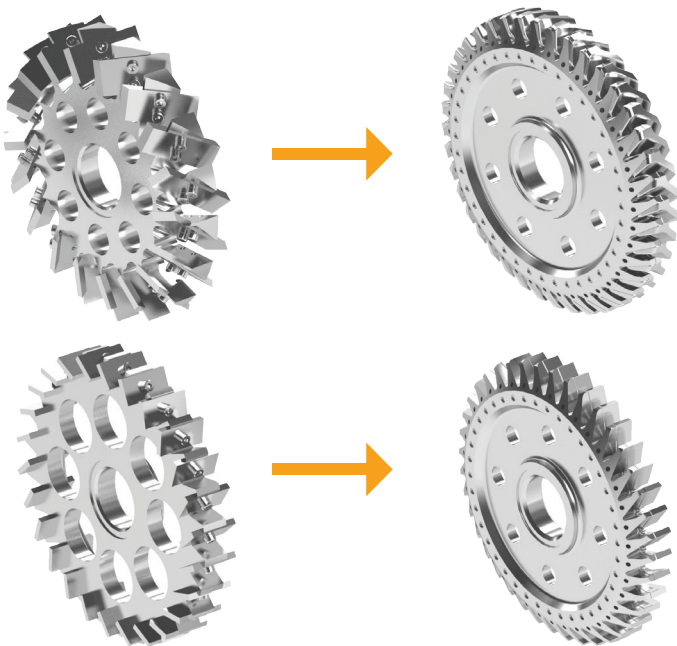
With the new BKG® HiCut™ and its improved blade design, Nordson has developed a cutter hub which will elevate your pelletizing process to a whole new level.



## The more blades, the better

The BKG® HiCut™ is designed to hold significantly more blades while optimizing the blade design. This gives you three advantages to advance your process:

1. Increase your throughput
2. Keep the existing input, but decrease the RPM and extend the working life of blades and die plate
3. Reduce the machine size for new investments and save costs



### Example - Angled blade design

Pelletizer AH4000 - 2 rows of die holes

- **36 blades** now possible instead of **18**  
**100% increase!**

### Example - Straight blade design

Pelletizer AH4000 - 2 rows of die holes

- **40 blades** now possible instead of **26**  
**54% increase!**

*Maximum number of blades depends on the number of hole rows in the die plate, the position of the blades and pelletizer size.*

# BKG® HiCut™

## Keep your pellet on track

For an efficient pelletizing process, a seamless, unimpeded pellet transport is essential. The BKG® HiCut™ keeps your pellets on track. With its round edges and smooth surface it guarantees an optimized flow path and less swirls. The new hub has more space between the blades so the pellets do not accumulate and the pellet takes the direct path.

## Precision blades for precise pellets

The blades for the BKG® HiCut™ are manufactured using a precision casting process and provides:

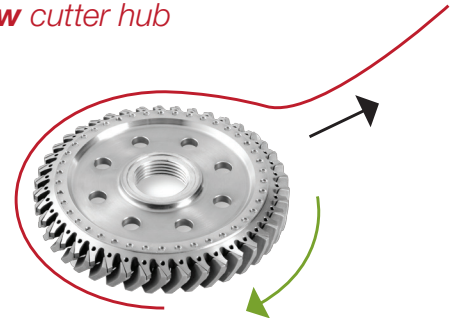
- More stability
- Higher dimensional accuracy
- Improved surface quality

## Keep it simple

With the BKG® HiCut™ you get mature technology in it's simplest and most flexible form. The hub is compatible with all existing systems and you can use the same BKG® HiCut™ cutter hub for both angled and straight blades.

The changing of the blade is easy, eliminating installation errors.

*Path of pellet on  
a **new** cutter hub*

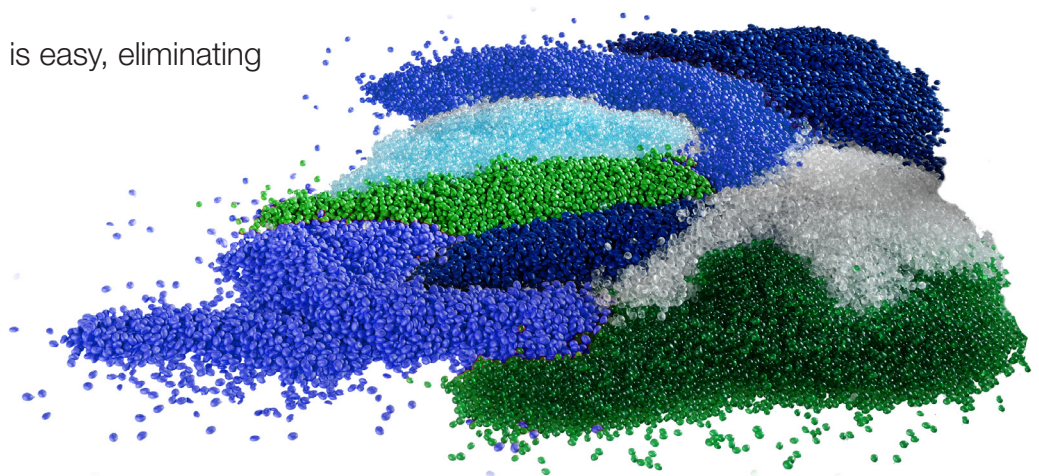


→ *Rotation cutter hub*  
→ *Water outlet water box*

## Make a better pellet

The combination of BKG® HiCut™ and its new blade design improves the cutting process and increases the pellet quality.

Tests have shown that the pellets have less tails, which leads to less fines being generated and reduced material loss. Therefore, much less filtration effort is necessary, reducing maintenance work and overall production costs.



**Nordson BKG GmbH**  
Hessenweg 3  
48157 Münster / Germany  
+49.251.26501.0 **Phone**

**USA**  
+1.828.326.9888 **Phone**

**China**  
+86.21.5785.091.8 **Phone**

[www.nordsonpolymerprocessing.com](http://www.nordsonpolymerprocessing.com) | [info@nordsonpolymerprocessing.com](mailto:info@nordsonpolymerprocessing.com)  
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