

BKG® Die Plate Inspection & Grinding Services

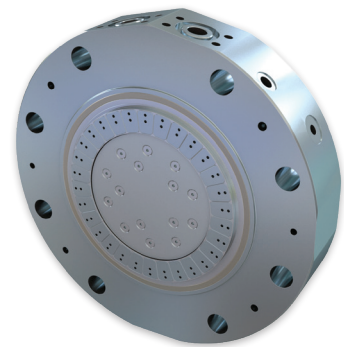
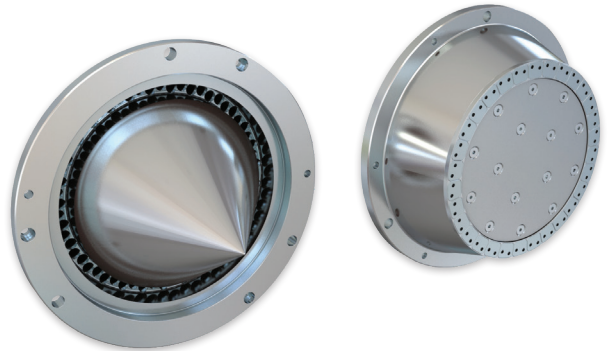
Looking for a well-cut pellet?

The die plate is an integral part of the process and helps deliver high-quality pellets.

All BKG® die plates are custom designed to your specific process requirements. We will choose the material for the different components, the number of die holes, heating options, and insulation that perfectly suit the polymer you are processing.

Nordson offers BKG® electrically and oil heated die plates for all polymers and compounds, including pressure reduced models.

Nordson leaves nothing to chance regarding the die plate design but relies on the latest technology, which is scientifically state-of-the-art. Simulation of pressure build-up, flow dynamics, and temperature distribution are key to defining the optimal geometry of the die plate borings, and thus producing well-cut pellets.



Regrinding made easy

In order to have optimal production conditions, BKG® die plates can be ground several times before you will need a replacement part.

With the special BKG® grinding tool, you can realize considerable time savings. The tool is simply screwed on the pelletizer, instead of the cutter hub. Once coupled to the water box, the regrinding mechanism regrinds your die plate in just a couple of minutes. Thus, the complete dismounting and mounting of the die plate is no longer necessary.



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The die plate is the heart of each pelletizing system. Wear of the die plate can result in pellet defects, such as tails on the pellets. Having your die plate inspected regularly helps you keep your process up and running without product defects.

The inspection includes demounting, cleaning, optical assessment, grinding, and mounting of the die plate. Grinding of the die plate is key to be able to clarify if it can still be used or needs to be replaced in order to maintain a perfect pellet quality.

Our dedicated inspection area for BKG® die plates reduces the lead times for inspection significantly.



Looking for a fast and efficient inspection of your die plate?

Here is what you need to do to take advantage of our service:

1. Before you send us your die plate, we kindly ask you to request a CMA number. This number helps us working on your order as quickly and efficiently as possible. You can contact us easily via e-mail aftermarket-pps@nordson.com. You will receive our quotation for the inspection together with the CMA data sheet. If you do not request a CMA number, your die plate inspection will be handled through our normal process, which takes up to approx. 3 weeks.
2. Please indicate the CMA number, when you send in your die plate for inspection. Please note that by sending in your die plate you automatically agree that the inspection is carried out at your expense. Please still send us your order anyway, so that the allocation can be done in house according to our order number. We will not specifically contact you at this point in the process.
3. If your die plate is eligible for repair, we will automatically send you a quotation. You will need to reply within 4 weeks after receiving the quotation. If we do not receive a reaction to our quotation, we will either return the die plate or if you wish, start the scrapping process.
4. If we do not have your clearance for scrapping, all die plates, which cannot be reused, will be sent back to you.

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