



Navigation



Extrusion 1-0-Wiki Pages

- [Main Page](#)
- [Best Papers](#)
- [Book Reviews](#)
- [Consultants Corner](#)
- [Extruder Software](#)
- [Extrusion Hints](#)
- [Safety](#)
- [Shop Tools](#)
- [Sponsors](#)
- [Technical Articles](#)

Search the Wiki


»

Viewing/Creating

- [Random Page](#)
- [Create a new Page](#)
- [All Pages](#)
- [Categories](#)

Account Management

- [Login/Logout](#)
- [Language Selection](#)
- [Your Profile](#)
- [Create Account](#)

Administration

- [Administration](#)
- [File Management](#)

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Feed Throats

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[\(10\)](#) » [PET Dryer](#) » [Color Feeder Calibration](#) » **[Feed Throats](#)**

Feed Throats
Vol.19 #3, Nov. 1992


Feed throat size and shape can have a significant effect on output and stability in a single screw extruder. In general, the smaller the hole, the more adverse the effect.

Sometimes, smaller feed holes can be compensated for by screw design, but more often, the feed hole geometry must be modified. Output rates have been observed to vary as much as 25% with the only variable being feed throat geometry. Naturally, materials that have poor flow, such as regrind, present the problems.

See also:

- [Extruders](#)
- [Extruder throat cooling](#)
- [Feed throat configuration](#)
- [Feed throat cooling](#)
- [Feed throat temperature](#)

Return to [Extrusion Hints](#)

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