Reasons for choosing a shut-off nozzle

Materials:
- For low-viscosity materials such as PA, PPS, PE, POM, PP
- Expensive materials such as PEEK, LCP etc.
- Silicones

Methods:
- Filament formation
- Droplet formation
- Metering with injection unit raised
  (High-speed unit, very short cycle times, mould/nozzle heat exchange)
- Multi-component injections
- Vertical injection processes
- Air inclusions due to screw return → quality deterioration on the injection molding
- Sprue-less injection for the manufacture of containers, pots and other items
- Special applications (GIT, MuCell and others)
- Filter, thermal conduction and mixer applications

Industries / Applications
- Packaging industry
- Automobile industry
- Medical technology
- Electrical engineering
- Engineering Plastics
- Sports equipment, outdoor

Productivity factors
- Material saving by eliminating dripping
- Reduction in scrap
- Reduction in cycle times
- Process, environmental and work safety aspects
- Disposal of waste material
- Preventing breakdowns in hot-channel application while using filters
- Homogenizing the mould material when mixers are used

What are the Herzog advantages?

- Nozzle design, engineering and manufacture as the main business
- Many years presence on the market
- Product development and design to meet current demand profiles
- Construction and material selection designed for optimum processing parameters
- Development of special applications
- Short reaction times (delivery from stock in some cases)
- Services provided