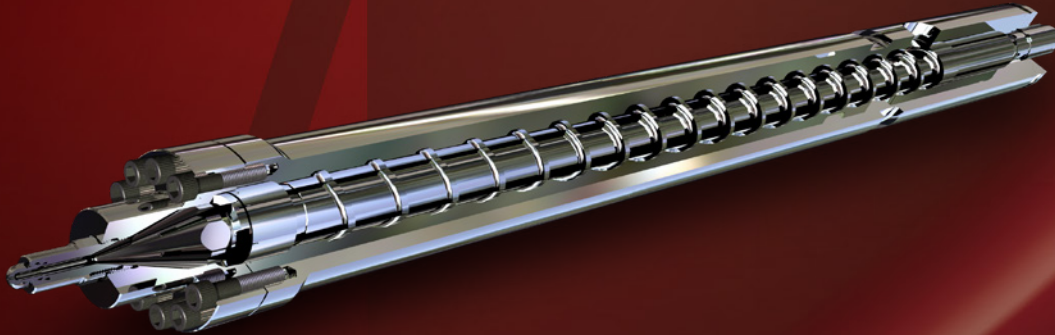




EVERYTHING YOU NEED FROM A TO Z



MALLARD® Z4 VALVES

The **ULTIMATE** in injection molding screw tips, MALLARD® Z4 valves are the gold standard for solving your most demanding injection molding applications.

Utilizing a “building block” design concept, MALLARD® Z4 valves provide numerous advantages for any processing need, including:

- /// Numerous design and material selections
- /// Replaceable wear components
- /// Tough, reusable stainless steel retainer
- /// Self-cleaning full-flow design
- /// 2-year wear-through guarantee on our carbide faced valve option

All valve designs allow use of the same retainer and rear seat, and incorporate a replaceable front seat and check ring concept. That saves you money and allows for easy customization of your valve for any need. The MALLARD® Z4 line of check ring valves provides the latest technology for reliable performance.



GENERAL PURPOSE (GP) TOOL STEEL SCREWS

Can be manufactured to any design and material specification.

ZEIGER PERFORMANCE (ZP™) SCREWS

Recommended for extreme processing conditions and designed to handle the toughest conditions with ease. ZP™ screws are highly effective for shear sensitive applications, or where better melt quality and/or color mixing is a concern.

Zeiger screw materials include, but are not limited to the following steels which include our proprietary ZROC, ZHCW 20 and ZSAR offerings as well as: CPM® S90V/420V, CPM® 9V, AISI D-2/DIN 1.2379, Inconel 625, Hastelloy C276.



EVERYTHING YOU NEED FROM A TO Z



END CAPS FOR EVERY MAKE AND MACHINE MODEL

- /// Halogen-free fire retardant designs and optimization
- /// Custom solutions for clear polycarbonate processing
- /// High-flow designs for technical PVC molding



BEST-IN-CLASS THERMOSET MOLDING COMPONENTS

- /// BMC valves, screws and water-cooled nozzles
- /// Phenolic screws and end caps
- /// Liquid Silicone Rubber (LSR) complete conversion packages



INJECTION MOLDING NOZZLES AND TIPS

- /// Standard or custom End Caps and Nozzles including specialty steels for processing Halogen Free Fire Retardants (HFFR) and Fluoropolymers



MANUFACTURER OF  **MALLARD® PRODUCTS**

Performance Guaranteed to Customer's Satisfaction

4704 WISELAND AVENUE S.E. • CANTON, OHIO 44707 • USA
Phone: 1-330-484-4413 • Fax: 1-330-484-0267
E-mail: sales@zeigerindustries.com • www.zeigerindustries.com

