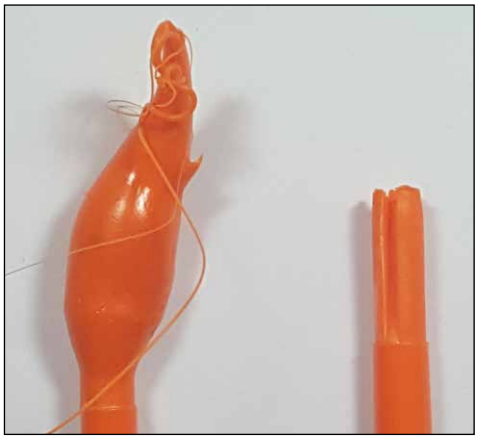
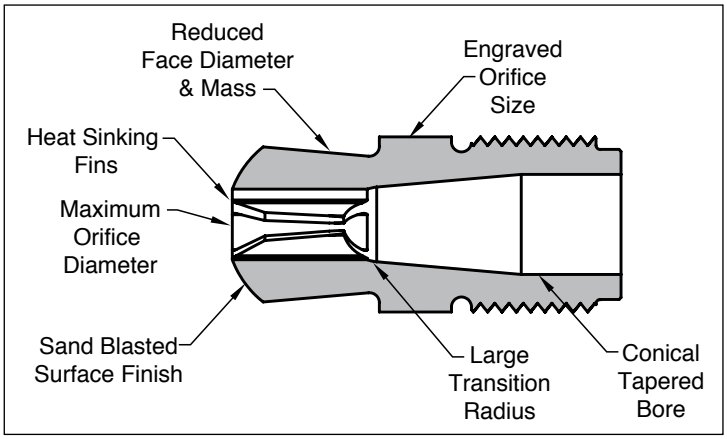
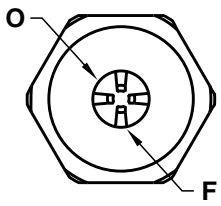
NOZZLES
FIN TIP

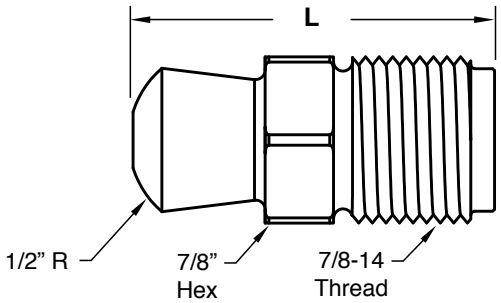
The Fin Tip Nozzles provide the best solution to prevent mold-damaging strings. This patented new design dramatically reduces the solidification time, the root cause of string formation.

- No need to increase cycle times, use smaller orifice sizes, or nozzle tips with restrictive internal bores in order to stop nozzle stringing.
- Proven successful with commodity and engineering grade materials, both filled and unfilled.









M 420 Stainless Steel **H** 48-50 HRC

CATALOG NUMBER	O NOMINAL	O ACTUAL	F QTY FINS	L
NZFT156	5/32	.148	3	1.794
NZFT187	3/16	.178	3	1.817
NZFT219	7/32	.207	4	1.839
NZFT250	1/4	.236	4	1.886
NZFT281	9/32	.265	4	1.881
NZFT312	5/16	.295	4	1.903
NZFT344	11/32	.324	4	1.923
NZFT375	3/8	.353	4	1.943

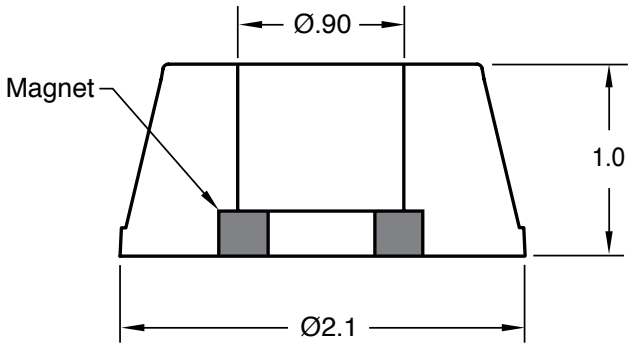
APPLICATION GUIDELINES

- Heat-conducting thermal fins extend 75% into the melt stream, for rapid solidification.
- Reduced tip mass provides faster thermal equilibrium and shorter cycle times.
- Flow area equivalent to Full Flow style tips, for minimal increase in shear and pressure.
- Orifice sizes are slightly smaller than nominal. There is no need to use a 1/32" smaller tip.
- Hardened 420 stainless steel for corrosion resistance and long life.
- Large internal transition radius virtually eliminates "dead spots" where material can stagnate.
- Reduced face diameter increases machine's nozzle touch force, reduces blowback, and eliminates the need for nozzle insulators.
- The 1/2" nozzle radius is actually 0.496". Together with the sand blasted surface finish, it ensures a proper seal with the sprue bushing, which prevents material leaks and air infiltration.
- Land lengths vary with the orifice size. The larger the orifice, the longer the land length, for increased thermal conductivity.
- Engraved orifice size helps reduce mold set-up time.

U.S. Patent No. 10,821,642

NOZZLE CADDIE

Progressive offers a caddie to keep the Fin Tip and other machine Nozzles on the press, close to the tools.



CATALOG NUMBER	DESCRIPTION
NZLCAD1	Machine Nozzle Caddie (Blue)

NOZZLE WRENCH

M Steel **S** Zinc Phosphate

CATALOG NUMBER	DESCRIPTION
NZLWR1	7/8” Hex Offset Wrench