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A Division of General Sullivan Group, Inc.

APPLICATION

Ball Bearing Mount in
 a Stamped Housing
 of Engine Cooling
 Fan Motor

USA

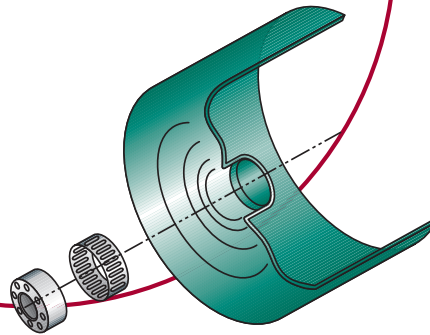
OEM

PROBLEM

Retaining a precision ball bearing in a stamped housing with generous tolerance over life of stamped tool. Traditional interference fit in tighter housing bores may take up internal clearance in bearing.



SOLUTION



Use of a Tolerance Ring yields a predictable assembly force well below that of the traditional interference fit so that bearing is retained axially and radially at the min./max. housing bore.

BENEFITS

Extended life of stamping tool.
 Automated assembly.

STATUS

Production since 1985.

CASE STUDY