

# GENERAL DYNAMICS

## Ordnance and Tactical Systems

### Weapons Systems Supplier Quality Requirements Site 21-Quality – Williston VT / Saco ME

Quality Clause	Revision	Phase In Date
Q89	1	07/28/2020

## Q89–Molded Parts

### Requirements

If produced using molds, the following applies. GD-OTS shall be notified of any work on molds / processing tooling which will affect the dimensions of the product. The supplier shall submit a thorough product inspection report of those and all related dimensions and the reason for the change to the attention of GD-OTS SQA.

**Stock:** Product furnished by you shall have stock allowance on any machined surface designated by a finish symbol. Stock is per the drawing note.

**Datum targets / points/lines:** While the note on the drawing may state that these points "may be used" and are non-mandatory manufacturing and inspection data, datum targets / points/lines shall be adhered to on all material supplied to GD-OTS. Unless otherwise specified, a .125 dia. datum target shall be used.

If produced using molds, the following applies:

**Marking:** The mold number and the supplier trademark or symbol will be applied as specified on the drawing. The mold number is found on GD-OTS drawings and consists of the part drawing number suffixed by the letter "h" and the applicable "H number".

**Tooling:** Design approval of inspection gages and/or checking fixtures is required. GD-OTS approval shall be obtained prior to acceptance and payment of any tooling. All gages/fixtures shall locate the parts on the six datum targets/points/lines defined by the drawing.

**Samples:** When samples are specified on the purchase order, perform a complete layout on one (1) piece. Additionally, check two (2) pieces for any non-conformances found on the complete layout and any other characteristics deemed necessary to control the process by the supplier and GD-OTS.