

# Screw Rebuilding

BMS offers a professional screw rebuilding service that can restore worn or damaged screws back to their original condition. BMS can also accommodate Upsizing and Downsizing of the screw to achieve improved melt quality, reduced resin degradation and better shot control. Also available is a wide choice of coating options, suited to the specific resin you are processing, that will allow the screw to last longer and perform better. Following the procedures on the following page will allow BMS to provide you with a prompt, complete quotation on your specific screw rebuild.

## Benefits of rebuilding your screw:

### Rebuilding your screw will save you money.

Screw rebuilding is often less expensive than the purchase of a new screw.

### Better processing consistency.

Reduced scrap rates.

Reduced down time.

Higher quality parts.

Reduced processing and labor time.



# Screw Rebuilding

**1. Send us your old screw.**

This will allow us to examine the wear or damage first hand and allow us to accurately provide quoting information.

**or**

**Provide us with the following information:**

Nominal Diameter of screw	_____
L/D Ratio	_____
Drive end type (spline, cross hole, ect.)	_____
Screw material	_____
Flight material	_____
Special features (mixing section, 2 stage, ect.)	_____
Plating or other coatings	_____
Material being processed	_____
Specific problem with screw	_____

**2. Inspection Procedure and Initial Evaluation.**

Our procedure compares your screw to the OEM dimensions of the specific manufacturer.

**3. Quotation and Recommendations.**

Based on the evaluation process, BMS will make recommendations to you as to best option(s) for rebuilding, based on your needs, cost constraints, and any other factors.

**4. Rebuilding and Expedient Delivery.**

Upon acceptance of the quotation, BMS will perform the quoted rebuild.