Expert Ball Screw Refurbishment

Keep your machines running smoothly

Thomson has nearly a century of experience in designing and manufacturing ball screws. Our expert engineers and technicians can restore your worn or damaged ball screws.

Our technology expertise enables us to maintain and repair any type of ball screw at short notice – either at our own facility or the customer location. This service is also available for third-party products.

Scope of Service

We will check returned units for:

☑ Straightness
☑ Ball groove form
☑ Lead accuracy
☑ Deflection
☑ Wear, metal fatigue
☑ Preloading
☑ End machining concentricity, damaged V-threads, and worn or damaged bearing and seal journals

Thomson Service Capabilities

<table>
<thead>
<tr>
<th></th>
<th>Single Nut</th>
<th>Double Nut</th>
<th>Screw Diameter 12 - 160 mm</th>
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</thead>
<tbody>
<tr>
<td>Rolled</td>
<td>●</td>
<td>●</td>
<td>●</td>
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<tr>
<td>Whirled</td>
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<tr>
<td>Ground</td>
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Key Benefits:

- Cost savings of 50-90% compared to new ball screws
- Less machine downtime
- Extended service life
- Like-new precision and performance

Process Flow

Incoming goods inspection → Preliminary examination → Diagnosis/Findings

Repair possible?

Yes → Quotation incl. lead time → Customer approval → Maintenance/Repair → Shipping → Quotation for new product and emergency repair

No → Contact us today to receive expert assistance with ball screw repairs: www.thomsonlinear.com/contact.

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