Machine Control Gage Measuring Heads

PULCOM Series

PULCOM (E-DT-175A)

Universal Measuring Head

Usage Examples

Bi-directional Workpiece Detector
The head is mounted to the cutter stand on a comb-type NC lathe and brought into contact with the workpiece after machining. Dimension control is performed by calculating the detected value on the NC unit.

Three-Direction Cutting Edge Detector
The head detects the cutting edge position in three directions (X, -X and Z). Feedback of accurate position and wear data to the NC unit facilitates consistently high-quality NC machining.

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>E-DT-175A</th>
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<tbody>
<tr>
<td>Name</td>
<td>Bi-directional workpiece detector</td>
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<tr>
<td>Stroke</td>
<td>±2.0mm or more</td>
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<tr>
<td>Measuring force</td>
<td>0.98 - 1.96 N</td>
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<tr>
<td>Repeatability</td>
<td>1 μm or less/25 times</td>
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Product Code | Product Name
---|---
0951071 | Detector (E-DT-175A-S30)
0951081 | Detector (E-DT-175A-S60)
0074982 | 2-way feeler (A004982)
0074895 | 3-way feeler (A004985)

Outer Appearance/Dimension Diagram