High Speed Machined Guide Rails

ISO 9002 certified since 1995
Monteferro America
Monteferro’s High Speed guide rails offer enhanced tolerances through precision manufacturing, desirable in high speed applications. These guide rails are manufactured in lengths of 16’ and 5m. Custom lengths are also available.

Guide rails are manufactured in accordance with the ISO 7465: 1997 (E) specification.

Blade finish:
- longitudinal: $Ra \leq 63µm$
- transverse: $Ra \leq 98µm$

Twisting: $\gamma = 4.6$/ft

Perpendicularity: $\alpha = 5^\circ \pm 15^\circ$

Parallelism: $p = 0.002$ in

Tongue and groove centering: $c = 0.002$ in

### Sectional properties

<table>
<thead>
<tr>
<th>Monteferro Code</th>
<th>ISO Code</th>
<th>$q_1$</th>
<th>$q_2$</th>
<th>$q_3$</th>
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</tbody>
</table>

### Tolerances

- Blade finish:
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