

December 9<sup>th</sup>, 2024

## Notification of New Air Turbine Spindle: HTS1500ZZ-M2040

Dear Valued Customers:

We are pleased to announce that we have launched new air turbine spindle: HTS1500ZZ-M2040. Accordingly, we have decided to discontinue HTS1501S. Please see below for details.

### ■ New spindle

#7919 HTS1500ZZ-M2040 Spindle

Air turbine spindle for machining centers: HTS series

### ■ Spindles to be discontinued

#8279 HTS1501S-HSK E40 Air turbine spindle

#8280 HTS1501S-HSK E50 Air turbine spindle

#8281 HTS1501S-BT50 Air turbine spindle

#8282 HTS1501S-HSK F63 Air turbine spindle

#8283 HTS1501S-HSK E32 Air turbine spindle

#8296 HTS1501S-BT30 Air turbine spindle

#8297 HTS1501S-BT40 Air turbine spindle

#8298 HTS1501S-HSK A63 Air turbine spindle

#8299 HTS1501S-M2040 Air turbine spindle

#8300 HTS1501S-HSK E25 Air turbine spindle

- **Order:** PO received by December 24<sup>th</sup>, 2024
- **Repair Service:** Product received by December 24<sup>th</sup>, 2031

### ■ Comparison of both spindles

Please see page 2.

Please feel free to contact us if you have any questions.

We appreciate your continued patronage of our products.

It is always our pleasure to serve you for your successful business.

Sincerely yours,



Akio Matsugi  
General Manager  
NAKANISHI INC.

■ Comparison

New: HTS1500ZZ-M2040 (Code No. 7919)	
Outside view	<p>*Collet φ4.0 mm (CHA-4.0) is attached.</p>
Max. rotation speed	150,000 min <sup>-1</sup>
Max. power	54 W
Net weight	860 g
Air consumption	175 NL/min
Features	<ul style="list-style-type: none"> <li>• Static torque, radial rigidity, and axial rigidity have been improved compared to the previous model HTS1501S.</li> <li>• The high-speed rotation enables outstanding performance in ball end milling of R0.5 mm or less, where a high peripheral speed is required.</li> <li>• Low heat generation due to air-driven cooling effect, which stabilizes Z-axis displacement (axial expansion) in 1 minute.</li> </ul>

To be discontinued: HTS1501S-M2040 (Code No. 8299)	
Outside view	<p>*Collet φ4.0 mm (CHA-4.0) is attached.</p>
Max. rotation speed	150,000 min <sup>-1</sup>
Max. power	25 W
Net weight	720 g
Air consumption	90 NL/min