Okuma Australia - Melbourne - Head Office
3 Tampe Road
Rowville Victoria

1 300 1 OKUMA

Variable Spindle Speed Threading



Brand: Okuma Australia
Product Code: VSST#1
Availability: In Stock
Weight: 0.00kg
Dimensions: 0.00cm x 0.00cm x 0.00cm

Short Description
Variable Spindle Speed Threading function (VSST) is intended to eliminate chattering generated during threading by using the spindle speed override.

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Click here for more information.

Product Gallery

OKUMA

Technical Sheet

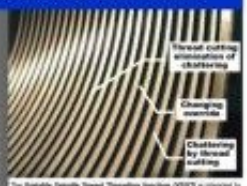
Variable Spindle Speed Threading (VSST)

The OKUMA OSP controller makes the difference.

Features

- Vibration Elimination
- Variable Spindle Speed Threading
- Maintains correct thread pitches
- Auto feed cycle follows spindle revolution perfectly
- VSST functions at Okuma's patented technology

OKUMA Corporation



The **Variable Spindle Speed Threading function (VSST)** is intended to eliminate chattering generated during threading by using the spindle speed override. This function also enables finish threading at an override rate which is different from the override selected for rough threading.

In general, changing the spindle speed override is prohibited. If changed in the middle of threading operation, the spindle speed changes and accordingly the axis feedrate changes. Therefore, the feed axis cannot follow the change in the spindle speed, resulting in inaccurate thread pitches.

The **VSST** function makes it possible to change the spindle override by changing the feedrate in synchronization with the spindle speed change while it maintains the correct thread pitches.



Chattering at the bottom of thread
WITHOUT VSST

Machined threads after changing the condition bottom of thread
WITH VSST