

# Tapered Ball Nose End Mill for CNC Wood Carving & 3D Relief

Solid carbide tooling for detailed 3D contouring, relief engraving and model making.



UNIFIED SKU

HW-TB-I-001

Imperial specification

TiSiN-coated solid carbide

Request volume, OEM or custom-size pricing from HWAYNCT.

## Technical specification

|                  |               |
|------------------|---------------|
| SKU              | HW-TB-I-001   |
| Unit system      | Imperial      |
| Tool material    | Solid carbide |
| Coating          | TiSiN         |
| Flutes           | 2             |
| Hardness         | HRC 55        |
| Tip radius       | R0.25 mm      |
| Cutting diameter | 0.5 mm        |
| Shank diameter   | 6.35 mm       |
| Flute length     | 3.0 mm        |
| Overall length   | 38.1 mm       |
| Taper angle      | 3°            |

## Applications

CNC wood carving; 3D relief engraving; MDF and engineered wood; acrylic and plastic model work; mould and prototype finishing. Select cutting parameters for the workpiece, machine rigidity, holder and required surface finish.

## Why choose HWAYNCT

|                              |                                     |
|------------------------------|-------------------------------------|
| Solid carbide construction   | Precision-ground cutting edge       |
| Wear-resistant TiSiN coating | 16 years of cutting-tool experience |

## OEM and quotation information

HWAYNCT supports standard products, volume purchasing (20 pieces or more), drawing-based OEM projects and custom sizes. Please provide the target material, machine, dimensions, quantity and delivery requirement so our team can confirm suitability, pricing and freight.

**REQUEST QUOTE**

[https://hwaynct.com/contact/?sku=HW-TB-I-001&product\\_name=Tapered%20Ball%20Nose%20End%20Mill](https://hwaynct.com/contact/?sku=HW-TB-I-001&product_name=Tapered%20Ball%20Nose%20End%20Mill)

This specification is for identification and quotation support. Confirm the final drawing, coating, tolerance, stock and freight with HWAYNCT before production or shipment.