

16NR/ER-11/14W-HM

ZANHO Cutting Tools



16ER/NR-W-HM

Threading Inserts

Feature

ZANHO **Whitworth-HM series**: High-precision **3D chipbreaker** threading inserts for Whitworth 55° (BS84) profiles. Featuring the **HM chipbreaker** for mandatory breaking of long continuous chips,

preventing entanglement and surface scratching. Optimized for small space internal/external threading with reinforced edge strength and superior chip evacuation.

Descriptions

Technical Features

- **HM 3D Chipbreaker:** Mandatory chip breaking prevents entanglement and workpiece scratching.
- **Whitworth 55° Profile:** Designed per BS84 standards for high-precision threading.
- **Variable-Depth Design:** Balances edge strength with high-volume chip evacuation space.
- **Impact Resistance:** Honed edges with micro-negative land enhance durability under high loads.

Whitworth-HM Specification (mm)

Model Designation	TPI	Pitch P (mm)	Height h (mm)	Radius r? (mm)
16ER-11W-HM	11	2.309	1.478	0.317
16NR-11W-HM				
16ER-14W-HM	14	1.814	1.162	0.249
16NR-14W-HM				

Insert Physical Parameters

- I.C (???): 9.525mm
- S (????): 3.97mm
- d (?????): 4.40mm
- ? (???): 55° (Whitworth)