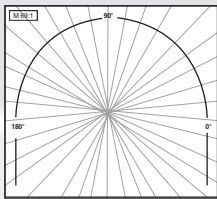


AXIS PRODUCT

B8701_2 Flute Ballnose Endmill



Ball Radius



Close tolerance

*Ball Profile ± 0.002 mm

*On Demand ± 0.001 mm

Product Features

Negative rake to ensure strengthened cutting edges

Controlled edge stabilization

Ultra fine carbide grade

PVD coating

Application

Job Part Name	Die and Mould
Material	62 HRC
Machine details	DMGMORI DMC 650 V
Job Details	Challenges due to hardness of material
Dimensions	$\phi 3.00$ mm

Objectives

Excellent surface finish

High dimensional accuracy

Longer cutting edge retention

Reduction in process time and longer tool life

Performance AXIS vs Competitor

Tool Used	B8701_AXIS	Competitor
Design	Negative rake Controlled edge stabilization	—
Coating	PVD Coated	Coated
Cutting Speed Vc m/min	200	180
Feed mm/min	2200	2000
Radial Depth of Cut mm	0.15	0.15
Axial Depth of Cut	0.15	0.15

Results

