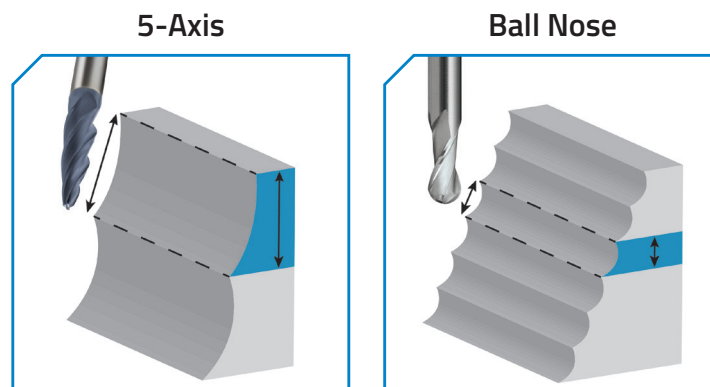




## Optimise your 5-Axis Machining

- Up to 90% cycle time savings over Ball Nose Endmills
- Ideal for finishing of 3D surfaces and Hybrid CNC-3D printing application
- Less than 10µm profile deviation for high workpiece accuracy
- Customised solutions available

## Machining Example:



### Workpiece Material:

P20 Tool Steel  
(M238 32HRC)

**Tool Diameter:** 16mm

**Operation:** Finishing  
of curved surface

**Coolant:** Air

		Harmony 5-Axis Endmill	Ball Nose Endmill
Tool Radius		60	8
No' of flutes	z	5	4
Cutting Speed	Vc m/min	175	175
Feed	f mm/z	0.11	0.11
Depth of cut	ap mm	7	0.2
Width of cut (approx.)	ae mm	0.11	0.11
Cutting time	min	0.5	5

For further details please contact [specsales@sutton.com.au](mailto:specsales@sutton.com.au)