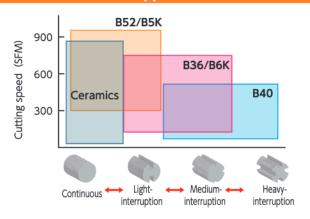


Hardened Material Applications



B40

Features

- Exceptional toughness due to special TiN binders
- Designed for severely interrupted cutting of hardened materials

[Recommended cutting conditions]

Grade	Application	Purpose	Cutting speed (SFM)	Feed (IPR)	Depth of cut (inch)	DRY	WET
B40	Turning (Heavy interruption)	Rough- Finish	100-500	.002008	.004040	•	0

B52/B5K

Features

- Excellent wear resistance due to optimum CBN content with special TiC binders
- Ideal for finishing ductile cast iron and continuous cuts for finishing hardened materials

[Recommended cutting conditions]

Grade	Application	Purpose	Cutting speed (SFM)	Feed (IPR)	Depth of cut (inch)	DRY	WET
B52 B5K	Turning Continuous Light interruption	Rough- Finish	300-1000	.004020	.004040	0	•

B36 / B6K

Features

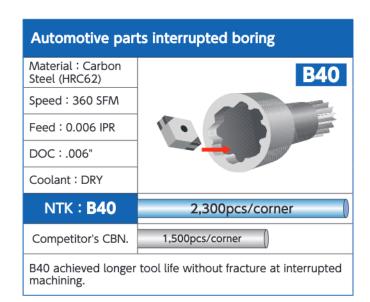
- Excellent combination of wear resistance and toughness due to special TiCN binders
- Best for semi-interrupted cutting of hardened materials

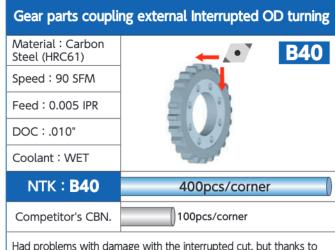
[Recommended cutting conditions]

Grad	de Application	Purpose	Cutting speed (SFM)	Feed (IPR)	Depth of cut (inch)	DRY	WET
B30 B61		Rough- Finish	130-800	.002008	.004040	•	•

CBN Case Studies

Hardened Steel Interrupted Cut





Had problems with damage with the interrupted cut, but thanks to B40 which has excellent toughness, tool life became 4 times longer!