

## RECOMMENDED OPERATING SPEEDS

The following operating speeds are a recommended guide for the usage of tungsten carbide burs, based on the bur head diameter.

Bur Head	Max. Operating Speed	Cast Iron		Unhardened Steel		Unhardened Steel, Stainless Steel	
		Speed Range	Recommended Start Point	Speed Range	Recommended Start Point	Speed Range	Recommended Start Point
6mm	65	22-60	45	45-60	50	30-45	40
8mm	60	20-40	35	30-40	35	20-40	30
10mm	55	15-40	30	30-40	30	19-30	25
12mm	35	11-30	25	22-30	25	15-22	20
16mm	25	9-20	20	18-20	20	12-18	15
20mm	20	8-17	12	15-17	15	10-15	10
25mm	15	6-13	10	10-13	10	7-11	8

Recommended speeds are based on standard overall length of 38mm (1-1/2") maximum overhang of 10mm (3/8"). All speeds in the table above are × 1,000 rpm.

### MATERIAL APPLICATION

The **NEXT GENERATION 6**, along with the coated **ACCELERATOR** option, outperforms all comparable carbide burs on Steel, Stainless Steel, Mild Steel and Cast Iron.



### INDUSTRY APPLICATION

The **NEXT GENERATION 6** is the solution to accelerate manufacturing processes in industry applications where rapid stock removal is required.

Ideal industries include:

- Shipbuilding
- Foundries
- Heavy Metal Fabrication
- Oil & Gas
- Automotive
- Rail

### HIGHLIGHT

**NEXT GENERATION 6** - featuring an innovative, patent pending geometry, a unique combination of profiled fluting with low cross cut and a primary relief. Combined with the very latest in coating technology, never before used with carbide burs, the **NEXT GENERATION 6** delivers:

- Significantly increased metal removal rates
- Shortens operator grinding time
- Aggressive geometry greatly improves cutting performance
- Reduced component machine time

**Resulting in the reduction of overall manufacturing costs.**

