

INTRODUCTION

Wybur Tools, formerly known as Grobet USA Manufacturing, is a leading manufacturer of tungsten carbide burs renowned for their longer lasting cutting precision and consistency of performance.

With extensive product knowledge and manufacturing expertise our state-of-the-art facility in Cheyenne, Wyoming makes high-quality burs for our customers worldwide. Industries served include, manufacturing, metal fabrication, dental, optical, and shipbuilding.

We partner with customers, delivering competitive deburring and grinding solutions. Our goal is to increase productivity by expanding capacity and throughput while maintaining the high-quality tools you depend on.

IMPORTANT FACTORS TO CONSIDER BEFORE MAKING YOUR BUR SELECTION

Material to be Ground
Grinding Speed
Desired Shape
Required Finish

Wybur Tools burs are precision ground using diamond wheels on automatic grinding machines. The resulting product is a concentric tool with sharp, uniform teeth, built for longer lasting efficient metal removal at high RPM's. Speed recommendations vary according to type of bur, bur diameter, and material being removed or finished, check the maximum recommended speed chart before use. Wear eye protection.

NOTE: Burs (rotary files) must be chucked true and to the full capacity of the collet.

RECOMMENDED RPM FOR:

Malleable Iron, Steel Welds, Cast Iron, Tool Steels, Die Steels, Bronze, Brass, and Aluminum		Stainless Steel	
Bur Head Diameter (inches)	1/16"	50,000	75,000
	3/32"	40,000	60,000
	1/8"	35,000	53,000
	3/16"	25,000	38,000
	1/4"	22,000	33,000
	5/16"	20,000	30,000
	3/8"	18,000	27,000
	7/16"	17,000	26,000
	1/2"	16,000	24,000
	5/8"	15,000	23,000
	3/4"	14,000	21,000
	7/8"	13,000	20,000
1"	12,000	12,000	

NOTES:

1. Speeds recommended may be adjusted for optimum results.
2. Use slower speeds for hard materials.
3. Apply light pressure with constant movement.
4. Speed's below optimum can cause chipping.
5. Do not bury the bur into the work. Use approx. 1/3 of the length.
6. Too high of a speed will wear the teeth.
7. 6" Shanks should be run at 20% - 25% less rpm.

