

# GlassTech

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## Factory Tooling List

1. Bridge Saw Blade, 14" continuous rim, porcelain type  
Diarex Terminator or equivalent
2. Hand Saw Blade, 4" up to 8", continuous rim  
Diarex Pro Series or equivalent
3. Grinding (cup) Wheel with aluminum backing - 4", medium diamond grit  
Diarex Legend or equivalent
4. Drill Bit, diameter as per job requirements, continuous rim, medium diamond grit  
Diarex Pro Series Thin Wall or equivalent
5. Rotor Bit (Hand Held or CNC)  
Consolidated #2 or equivalent
6. Polishing Pads, high quality as if using on granite - 4", #50 - #3000  
Pearl Abrasive or equivalent
7. Silicone, water clear  
C R Laurence
8. Epoxy or polyester resin, flowing clear  
Touchstone (epoxy) or Akemi Platinum (polyester)

### Notes

- **GlassTech** has developed its own proprietary brand of bridge saw blades, small hand cutting saw blades for both circular saws and grinders, cup wheels, drill bits, router bits, and polishing pads. These are used exclusively at the **GlassTech** factory for all cut-to-size projects. These items are proven to cut, grind, drill, and polish **GlassTech** not only without adverse effect but performs to the highest level of fabrication perfection. These items are available upon request and usually fast less expensive than those similar items available on the open U.S. market.

### American Brand Tool list:

The Alpha Vetro Blade is designed for high-speed web cutting of glass. Equipped with a smooth continuous diamond rim and bond hardness best suited for glass and hard vitreous materials to provide cuts with minimal chipping. The Alpha Vetro is an excellent choice for plunge cutting, trimming near the edges of glass, and for cutting an internal radius.

The Alpha Vetro must be used wet and when the 4-3/8" size is used on the AWS-110 Wet Stone Cutter it provides a portable dust-free solution to cutting thick glass. Since the quality of the cut is high, providing straight and true cuts with minimal chipping even near the edges of glass, waste is kept to a minimum creating a cutting solution that is quite cost-effective.

PART NO.	SIZE	MAXIMUM RPM	ARBOR
WG0438	4-3/8"	13,200	7/8", 20mm
WG0700	7"	8,400	5/8"
WG0800	8"	7,400	5/8"
WG1000	10"	5,900	5/8"

### Akemi Platinum EA - Epoxy-Acrylate

The new Akemi Platinum adhesive has been reformulated as an Epoxy-Acrylate. This new formulation provides several advantages over polyester adhesives such as, a 50% increase in bond strength, greater clarity, faster cure time, and consistent working time. This adhesive has the same bond strength as most quick set epoxies and can be used in outdoor applications as well. The new Akemi Platinum will outperform any premium polyester, polyepoxy, and all paste hardener adhesive systems.

