

HiGlue Retaining Compound Adhesives

Product Application

Retaining compound is designed for the bonding of cylindrical fitting parts, particularly where bond gaps can approach 0.25mm and where maximum strength at room temperature is required.

The product cures when confined in the absence of air between close fitting metal surfaces and prevents loosening and leakage from shock and vibration. Typical applications include locking bushings and sleeves into housings and on shafts.

It is commonly used in:

- * Install the bearing on the bearing seat or shaft.
- * Install the rotor, gear, sprocket and pulley on the shaft.
- * Hold the cylinder sleeve.
- * Install the engine bowl plug.
- * Cancel the fixing screws or pins.
- * Avoid deformation of precision tools or machines.
- * Install the drill sleeve.
- * Restore the accuracy of worn out machine tools.

603		<p>High strength, low viscosity, good oil solubility, suitable for slightly oily surfaces and inert surfaces. The maximum filling radial clearance is 0.13mm. Typical use: new shaft sleeves, bearings, small motor rotor shafts, bushings, etc. assembly.</p>
609		<p>General purpose, high strength, low viscosity, fast curing, used for transition, interference or clearance fit Repair worn hole-shaft fittings or out-of-tolerance repairing worn hole-shaft fittings or out-of-tolerance parts. Ideal radial filling the gap below 0.13mm Typical use: Assembling of holding key and shaft, bearing, rotor shaft of small motor, bushing, etc.</p>
620		<p>High temperature resistance (200°C), high strength, high viscosity, no flow. Locking and fixing the cylindrical assemblies diameter are 0.4mm clearance. Typical use: used for hole-sleeve fittings holding under high temperature conditions.</p>
638		<p>Ultra-high strength, high viscosity, can hold shaft-hole with large fit clearance. Can be fixing the shaft hole matching that fit clearance is 0.25mm. Used for bonding cylindrical fittings, fast curing. Typical use: used in the case of dynamic load or periodic load, used in the working condition with the highest strength.</p>
641		<p>Medium strength, Easy disassembly, used for fixing cylindrical assemblies, particularly applicable to the regular removal of the occasion, suitable for bearing assembly, Gap filling is less than 0.25mm Ideal for parts that need subsequent dismantling, i.e. retention of bearings on shafts and in housings</p>
648		<p>High strength, low viscosity, fast curing, continuous working temperature up to 175 °C, filling gap ≤0.15mm. Typical use: suitable for occasions where the fit gap is small, the continuous working temperature is high, and fast fixation is required.</p>
660		<p>used to repair, fast curing, high strength, high viscosity, paste, used to fill large gaps. It can be matched with cylindrical fittings such as bushings, keys and bearings. Typical use: repairing severely worn shafts, holes, keyways, bearings, bushings, etc.</p>
680		<p>General purpose, high strength, medium viscosity, suitable for clearance fit or interference fit, and can replace press fit. The maximum radial fill the gap is 0.25mm. Used for bonding cylindrical fittings, repairing hole-shaft fittings and out-of-tolerance parts. Typical use: assembling and holding bearings, bushings, pulleys, sleeves, gears, rotors.</p>