



POWERCUT TOOLING INSTRUCTIONS

ProMAXX® Platinum PPM188™ bits are precision machine grade tooling formed from industrial high-quality micro-grain carbide. These bits are used in specialized machining operations where precision boring through extreme hard material is required, such as titanium fasteners, a broken screw extractor, drill bit, or even a tap. With increased hardness capability, comes increased brittleness, so respecting their capability and handling them delicately is recommended.

Moreover, following these specific instructions will yield the best results and provide the means of making a difficult repair without the unnecessary step of removing a cylinder head and sourcing it to a machine shop for repair. ProMAXX recommends an air powered drill as they are most forgiving and will stall if pushed beyond torque specs when encountering an obstacle. Corded or cordless tools deliver far more torque and can break the bit in use without warning. Moreover, check your surrounding area to ensure there are no obstructions that will encumber your ability to machine straight and perpendicular to the head.

Tooling bit breakage is most often due to the tooling bit or air supply line hitting an obstruction. ProMAXX® highly recommends the PPD350 ProDial™ and super flexible PFX375 ProFlex™ hose with swivel to control drilling speed, reduce tooling breakage and frustration making this repair.

The PowerCut package includes an additional PPB2188 ProBushing as a sacrificial item when used with the PPM188. ProMAXX Recommends the use of this package when encountering an extremely hard drilling surface as mentioned above.

Frequent use will wear the bushing and require a replacement.

Replacement bushings and tooling can be purchased at **www.promaxxtool.com**

USE ONLY GENUINE PROMAXX® PARTS

Tooling cutting speeds (Under load):

PLT125 @ **600 RPM**

PLT188 @ **300 RPM**

PLT270 @ **200 RPM**

www.promaxxtool.com

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