

# Quick Skive Removal Tools

Quick Skive Removal Tools consist of various hand tools and power tools with ergonomically-designed handles that use specially-engineered, non-metallic blades, gap blades, and gap bits specifically designed for removing materials from fragile, scratch-prone surfaces. The blade and bit materials and angles were originally designed for small area removal of stubborn stealth materials and gap fillers from aircraft fuselages and components for on-and off-aircraft repair applications.

*Quick Skive Handle*



Quick Skive Removal Tools have multiple applications for aviation and industry, allowing for outstanding results when a “worker-friendly” heat/skive process is used directing a heat gun or other heat source on the targeted surface, then skiving off the heated materials.

*Quick Skive Deluxe Kit*



**Aviation:** Remove specialty materials, gap fillers, and sealants from fuselages, access panels, and fuel tanks without damaging the underlying primer coating or the substrates. Approved for use on U.S. Air Force (USAF) military aircraft.

**Industrial:** Clean sealants and fillers without scratching steel, aluminum, fiberglass, composite, glass, and other delicate surfaces.

## **Benefits:**

- Enables faster rate of material removal for repairs
- Allows for simple one-person operation
- Avoids damage to base primer, substrate, or metal treatment
- Prevents secondary waste
- Eliminates dust residue

**NOTE:** Quick Skive Removal Tools are only to be used by trained professionals with adequate aviation or industrial experience and in accordance with the safety guidelines.



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**Quick Skive Handle (P/N 08376A01)**

The Quick Skive Handle is made with DuPont™ Rynite® 935 thermoplastic for great durability and has a Neoprene® rubber-padded grip. Designed to comfortably fit in the user's hand, the Quick Skive Handle reduces fatigue and prevents injury. The Quick Skive Handle works exclusively with Quick Skive blades, featuring a quick-disconnect

capability allowing the user to quickly change between blade types. Quick Skive blades are sold separately.



**Quick Skive Impact Tool (P/N 08824A01)**

The Quick Skive Impact Tool is specifically redesigned for gap filler removal. Consisting of a commercial-off-the-shelf (COTS) ergonomic, rubber comfort-grip handle and hardened steel shaft for great impact durability, the plastic cover modification protects the tool head from damaging

the substrate, while the aluminum end cap creates a larger strike area for striking with a rubber or plastic mallet. The Quick Skive Impact Tool works exclusively with the Quick Skive gap bits, featuring a quick-disconnect capability allowing the user to quickly change between bit sizes. Quick Skive gap bits are sold separately

**Quick Skive Pneumatic Removal Tool (P/N 08567A01)**



Save time and labor when removing specialty materials and stubborn gap fillers from aircraft without damaging the substrate by using the Quick Skive Pneumatic Removal Tool. Redesigned for aircraft coating and gap filler removal, the quick

Skive Pneumatic Removal Tool consists of a COTS tool manufactured by Florida Pneumatic, with a modified head specifically designed for use with Quick Skive blades.

The Quick Skive Pneumatic Removal Tool operates at a pressure of 90 pounds per square inch gauge pressure (maximum), and comes with an external air flow valve. Average air consumption is 4.5 cubic feet per minute. Air inlet is 1/4" female pipe thread, and minimum air hose size is 3/8" inner diameter. Quick Skive blades are sold separately.



**Quick Skive Blade Holder (P/N 09108H01)**

The Quick Skive Blade Holder is made from a soft rubber material designed to comfortably fit in the user's hand and prevent injury. The multipurpose blade holder is great for use in tight spaces and hard-to-reach areas, and can also be used as a

blade cover to protect the sharpened blades from damage when not in use. Quick Skive blades are sold separately.



**Quick Skive Blade Sharpening System (P/N 08832A01)**

The Quick Skive Blade Sharpening System, designed specifically for sharpening Quick Skive blades, consists of two blade slots accurately set to sharpen single-sided blades at a 50° angle and double-sided blades at 25°/25° angles. Blade sharpening is accomplished accurately every time in just minutes.

The Quick Skive Blade Sharpening System has a 650 revolutions per minute flat turntable with an 8" diameter abrasive disc encased in a metal cover for added safety. The safety cover can be removed easily for quick-change capability of the abrasive disc.\* The equipment operates at a quiet 60 decibels and weighs only 25 pounds. Certified to meet Canadian Standards Association and Underwriters Laboratories Inc. electrical requirements, the system is compatible for use in Canada and the USA only.



**Quick Skive Kit (P/N 08470A01)**

The Quick Skive Kit contains an assortment of 8 blades and a Quick Skive Handle, as listed below.



**Quick Skive Deluxe Kit (P/N 08470A02)**

The Quick Skive Deluxe Kit contains an assortment of 12 blades, 8 gap bits, Quick Skive Handle, Quick Skive Impact Tool, and Quick Skive Blade Holder.

**Quick Skive Blades and Bits**

Quick Skive blades, gap blades, and gap bits are made of non-metallic materials that will not damage substrates or delicate surfaces when used properly. The special blade and bit materials and angles were explicitly designed for removing tough, elastomeric materials, sealants, and gap fillers from fragile, scratch-prone surfaces on aircraft fuselages and components.

The Quick Skive blades are specifically designed for removal of elastomeric materials and work exclusively with the Quick Skive Handle, Quick Skive Pneumatic Removal Tool, and Quick Skive Blade Holder.

The Quick Skive gap blades and gap bits are specifically designed for removal of gap filler materials. The Quick Skive gap blades work exclusively with the Quick Skive Handle, Quick Skive Pneumatic Removal Tool, and Quick Skive Blade Holder. The Quick Skive gap bits work exclusively with the Quick Skive Impact Tool.



Item	Description	Part #
PEEK blade (1.250")	50° angle – single-sided cut; blade tip width is 1.250"	08463H01
PEEK blade (0.750")	50° angle – single-sided cut; blade tip width is 0.750"	08463H02
Ultem™ blade (1.250")	50° angle – single-sided cut; blade tip width is 1.250"	08464H01
Ultem™ gap blade (0.230")	25°/25° angle – double-sided (asymmetrical 1/3 to 2/3 cut; blade tip width is 0.230"	08464H02
Ultem™ gap blade (0.200")	25°/25° angle – double-sided (asymmetrical 1/3 to 2/3 cut; blade tip width is 0.200"	08464H03
Ultem™ gap blade (0.170")	25°/25° angle – double-sided (asymmetrical 1/3 to 2/3 cut; blade tip width is 0.170"	08464H04
Ultem™ gap blade (0.140")	25°/25° angle – double-sided (asymmetrical 1/3 to 2/3 cut; blade tip width is 0.140"	08464H05
Ultem™ gap blade (0.120")	25°/25° angle – double-sided (asymmetrical 1/3 to 2/3 cut; blade tip width is 0.120"	08464H06
Ultem™ gap bit (0.120")	25°/25° angle – double-sided (asymmetrical 1/3 to 2/3 cut; hexagonal-shaped bit body. Bit tip width is 0.120"	08978H04
Ultem™ gap bit (0.100")	25°/25° angle – double-sided (asymmetrical 1/3 to 2/3 cut; hexagonal-shaped bit body. Bit tip width is 0.100"	08978H03



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