

**BLOW DIRT, CHIPS, SCRAP OUT OF DEEP BLIND HOLES IN ONE EASY STEP THAT REALLY WORKS!! IDEAL FOR CLEANING DRILLED HOLES AND DEEP CAVITIES. CAN CLEAN HOLES AS BIG AS 1" (25 mm) DIAMETER AND AS DEEP AS 27inches (685 mm).**

**WHAT ARE THEY - REASONS TO USE**



Unlike make shift vacuum type systems that are cumbersome and do not always work well, the **X-STREAM® BLIND HOLE CLEANING SYSTEM** actually works and is specifically designed to remove dirt, debris, chips and scrap from drilled holes, deep containers, and grooves -1" diameter to 27" deep!. Only uses 11 SCFM at 80 PSIG for more shallow holes and only 20 SCFM for very deep holes! The **X-STREAM® BLIND HOLE CLEANING SYSTEM** is ideal for blowing out and collecting chips, contaminants and debris from deep containers, drilled holes and grooves whereas blow guns can create a potentially hazardous situation with flying debris. The **X-STREAM® BLIND HOLE CLEANING SYSTEM** creates the ideal blow-off force once the hole adaptor is flush with the hole directing the unit in such a way to dislodge and direct all the debris into the collection bag. All dirt and debris are contained within the unit as it is passed into the reusable collection bag, protecting the operator from any contaminants.

**X-STREAM® BLIND HOLE CLEANING SYSTEM FEATURES**

- No moving parts
- Driven by air and not electricity
- Aluminum cast construction
- Lightweight and portable
- Various packages available depending on hole diameter & depth
- Custom designs available

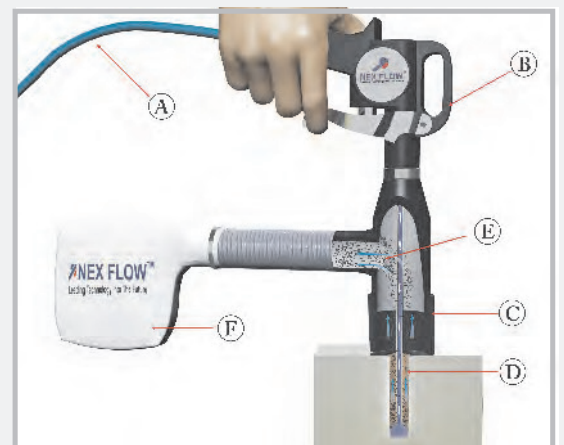
**X-STREAM® BLIND HOLE CLEANING SYSTEM BENEFITS**

- Maintenance Free
- Safe when used as directed
- Long Life
- Durable
- Ergonomic
- No Electricity so no shock hazard
- Low Air consumption



**X-STREAM® BLIND HOLE CLEANING SYSTEM HOW IT WORKS**

The **X-STREAM® BLIND HOLE CLEANING SYSTEM** comes complete with hose clamp and material collection bag (F), connected to the Cleaning Gun (B) using a plastic hose connection. Compressed air is supplied into the unit via the customer's air hose (A). The replaceable hole adaptor (E) is connected to the Cleaning Gun. Simply place the hole adaptor (C) over the slot, or hole or container to completely cover the hole. Press the handle on the Cleaning Gun to blow compressed air into the slot, hole or container via the nozzle (D) to remove the debris. Once the bag is filled, remove the bag with the hose clamp, clean and replace



**BLIND HOLE CLEANING SYSTEM** — comes complete with Cleaning Gun, Aluminum cast Hole adaptor, nozzle, collection bag c/w hose clamp and plastic hose connection

PART NO.	DESCRIPTION
48104-63-02	Blind Hole Cleaning System for Maximum Hole Diameter of 0.63" and hole depth of 2".
48104-63-03	Blind Hole Cleaning System for Maximum Hole Diameter of 0.63" and hole depth of 1-3".
48104-81-03	Blind Hole Cleaning System for Maximum Hole Diameter of 0.81" and hole depth of 1-3".
48104-100-03	Blind Hole Cleaning System for Maximum Hole Diameter of 1" and hole depth of 1-3".
48104-63-06	Blind Hole Cleaning System for Maximum Hole Diameter of 0.63" and hole depth of 3-6".
48104-81-06	Blind Hole Cleaning System for Maximum Hole Diameter of 0.81" and hole depth of 3-6".
48104-100-06	Blind Hole Cleaning System for Maximum Hole Diameter of 1" and hole depth of 3-6".
48104-63-09	Blind Hole Cleaning System for Maximum Hole Diameter of 0.63" and hole depth of 6-9".
48104-81-09	Blind Hole Cleaning System for Maximum Hole Diameter of 0.81" and hole depth of 6-9".
48104-100-09	Blind Hole Cleaning System for Maximum Hole Diameter of 1" and hole depth of 6-9".
48104-63-12	Blind Hole Cleaning System for Maximum Hole Diameter of 0.63" and hole depth of 9-12".
48104-81-12	Blind Hole Cleaning System for Maximum Hole Diameter of 0.81" and hole depth of 9-12".
48104-100-12	Blind Hole Cleaning System for Maximum Hole Diameter of 1" and hole depth of 9-12".
48104-63-15	Blind Hole Cleaning System for Maximum Hole Diameter of 0.63" and hole depth of 12-15".
48104-81-15	Blind Hole Cleaning System for Maximum Hole Diameter of 0.81" and hole depth of 12-15".
48104-100-15	Blind Hole Cleaning System for Maximum Hole Diameter of 1" and hole depth of 12-15".
48104-63-18	Blind Hole Cleaning System for Maximum Hole Diameter of 0.63" and hole depth of 15-18".
48104-81-18	Blind Hole Cleaning System for Maximum Hole Diameter of 0.81" and hole depth of 15-18".
48104-100-18	Blind Hole Cleaning System for Maximum Hole Diameter of 1" and hole depth of 15-18".
48104-63-21	Blind Hole Cleaning System for Maximum Hole Diameter of 0.63" and hole depth of 18-21".
48104-81-21	Blind Hole Cleaning System for Maximum Hole Diameter of 0.81" and hole depth of 18-21".
48104-100-21	Blind Hole Cleaning System for Maximum Hole Diameter of 1" and hole depth of 18-21".
48104-63-24	Blind Hole Cleaning System for Maximum Hole Diameter of 0.63" and hole depth of 21-24".
48104-81-24	Blind Hole Cleaning System for Maximum Hole Diameter of 0.81" and hole depth of 21-24".
48104-100-24	Blind Hole Cleaning System for Maximum Hole Diameter of 1" and hole depth of 21-24".
48104-63-27	Blind Hole Cleaning System for Maximum Hole Diameter of 0.63" and hole depth of 24-27".
48104-81-27	Blind Hole Cleaning System for Maximum Hole Diameter of 0.81" and hole depth of 24-27".
48104-100-27	Blind Hole Cleaning System for Maximum Hole Diameter of 1" and hole depth of 24-27".

MODEL	DESCRIPTION
48104K	Complete Kit with all hole adaptors and all nozzles plus water removal filter c/w auto drain

**ACCESSORIES**

MODEL	DESCRIPTION
90004	Water Removal Filter c/w Auto Drain
90005	Oil Removal Filter c/w Auto Drain



**BLIND HOLE CLEANING COMPONENTS**

48102-63	Blind Hole Gun c/w Adaptor for Maximum Hole Diameter of 5/8" (16 mm)
48102-81	Blind Hole Gun c/w Adaptor for Maximum Hole Diameter of 13/16" (20 mm)
48102-100	Blind Hole Gun c/w Adaptor for Maximum Hole Diameter of 1" (25 mm)
48100-63	Adaptor Only for Maximum Hole Diameter of 5/8" (16 mm)
48100-81	Adaptor Only for Maximum Hole Diameter of 13/16" (20 mm)
48100-100	Adaptor Only for Maximum Hole Diameter of 1" (25 mm)

**NOTE:** All Standard nozzles below are for minimum inside diameter holes of 7 mm. Special small nozzles for smaller holes and other non-standard cavities available on request.

48103-02	Recessed nozzle for very small holes to 2" depth
48103-03	Nozzle Length - For holes 1" to 3" in depth
48103-06	Nozzle Length - For holes 3" to 6" in depth
48103-09	Nozzle Length - For holes 6" to 9" in depth
48103-12	Nozzle Length - For holes 9" to 12" in depth
48103-15	Nozzle Length - For holes 12" to 15" in depth
48103-18	Nozzle Length - For holes 15" to 18" in depth
48103-21	Nozzle Length - For holes 18" to 21" in depth
48103-24	Nozzle Length - For holes 21" to 24" in depth
48103-27	Nozzle Length - For holes 24" to 27" in depth
48104-0	Bag with plastic hose and Stainless Steel hose clamp

**Blind Hole Cleaning System for Automated Systems (non-manual)**

**Blind Hole Automated Cleaning System** is used on machine everywhere an automated cleaning device is preferred over manual operation for cleaning a blind hole. Instead of using the air supply gun in manual cleaning operations, these systems utilize the main attachment with the appropriate adapter for the holediameter. The same nozzles as used in the manual systems areutilized. Compressed air is supplied directly tothe unit and turned on/off as the customer desires in their design using appropriate times, sensors and solenoidvalves. Nex Flow® can assist in this area with accessories and design for a nominal additional cost should the customer require assistance.



Blind Hole Cleaning System for Automated Systems (non-manual)

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48105-63-06	Blind Hole Cleaning System for Maximum Hole Diameter of 0.63" and hole depth of 3-6".
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48105-100-27	Blind Hole Cleaning System for Maximum Hole Diameter of 1" and hole depth of 24-27".
PART NO.	DESCRIPTION
48105K	Complete Kit with all hole adaptors and all nozzles plus water removal filter c/w auto drain