**Fiberglass Duct Tools**

**Original Flex Duct Cutter**

U.S. Patent No. 5,226,237

Built-in wire cutter lets you finish the job you started with just one tool! Double edged blade cleanly pierces through outer skin and insulation. Cuts from either direction around entire circumference of duct. Fine honed blade is long lasting stainless steel. Wire cutter cuts hardened wire rib coil. Compound leverage, for easy wire cutting. Comfortable, non-slip vinyl gripped handles.

**FDC1**

**FDC2**

Smooth Scissor Action

Cuts insulated flexible round duct and also cuts the duct liner’s wire rib coil. Pointed bottom blade easily pierces duct to start cut. Heavy duty wire cutter is located away from scissor blades. Thumb operated latch ensures that sharpened blade edges stay closed when not in use.

**FDC3**

**Tools Specification**

<table>
<thead>
<tr>
<th>Blade / Wire Cutter</th>
<th>Variable Leverage Ratio</th>
<th>High/Low Throughout Stroke</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Carbon Steel</td>
<td>10.4 to 1.0 - 11.9 to 1.0 (Wire Cutter)</td>
<td></td>
</tr>
</tbody>
</table>

**Catlog Description Length Net Wt.**

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
<th>in. (mm)</th>
<th>oz. (g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDC1</td>
<td>Flex Duct Cutter</td>
<td>11-7/8 (302)</td>
<td>11 (312)</td>
</tr>
<tr>
<td>FDC2</td>
<td>4-3/8 (111)</td>
<td>12-1/4 (311)</td>
<td>13 (369)</td>
</tr>
<tr>
<td>FDC3</td>
<td>11-7/8 (302)</td>
<td>14 (597)</td>
<td></td>
</tr>
</tbody>
</table>

**Use wire cutter to trim excess tie strap**

**Trim flex duct and tighten nylon ties with one tool!**

The versatile, new FDC3 Flex Duct Tool from Malco is actually three tools in one! The finely honed double-edged knife blade cleanly pierces through the outer skin, insulation and liner construction of flexible round duct and cuts in either direction. A thumb-operated latch opens the tool’s compound-leverage handles and the jaws of a built-in wire cutter to easily sever the exposed wire rib coil of duct liner. Use the tool’s tie-tensioning mechanism to install a nylon tie strap and secure the flex duct take-off collar. With the handles of the FDC3 in the open position, a nylon tie can be threaded through the mechanism and then tightened by gently pumping the tool’s handles. Use the wire cutter to trim excess tie strap tail. Trimming and installing flexible round duct is now as easy as one-two-three with Malco’s new FDC3 multi-purpose Flex Duct Tool.

**RELATED ITEMS**

**Flex Duct Tool Sheath**

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Tailor made for the FDC1 and FDC2. The TP601 is constructed of top grain saddle leather, double stitched and rivet reinforced.

**TOOL SPECIFICATIONS**

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<tbody>
<tr>
<td>FDC3</td>
<td>11-7/8 (302)</td>
<td>14 (597)</td>
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Adjustable, High Leverage Tensioning Tool with Auto-Cut-Off

For continuous use on-the-job. The TY6 Tensioning Tool is designed for a heavy user of nylon ties. An adjustment knob allows installer to set desired tension for securing flex duct to a take-off collar. When the tie is tight, a breakaway spring mechanism releases the tool’s lower handle, causing the blade to engage and automatically flush cut off the excess tail of the nylon tie. No extra operation for manual trimming is required. Nylon tie installation is fast and easy with the TY6. Works on all ties including thin designs.

Operating the TY6 is easy on the installer too! Contoured handles, with stops, are easier to grasp. Also, smooth lever action and vinyl cushion grips minimize hand and arm fatigue on big jobs.

The TY6 features a hardened steel body, long wearing parts, and a weather resistant nickel chrome finish to assure many years of dependable service.

Turn knob clockwise to increase tension and counterclockwise to decrease tension. Do not overtighten. Adjust knob only with fingers to avoid breaking ties before cut-off occurs.

Vinyl cushion grips with hand stops

Adjustable, High Leverage Tensioning Tool with Auto-Cut-Off

VINYL CUSHION GRIPS WITH HAND STOPS

Turn knob clockwise to increase tension and counterclockwise to decrease tension. Do not overtighten. Adjust knob only with fingers to avoid breaking ties before cut-off occurs.

Hardened steel stampings with weather resistant nickel chrome finish.

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These rugged lever action tie tools feature a unique notched gripper. A clean black baked on enamel wrinkle finish will also weather the elements and stand up to abuse on-the-job. Comfortable handles reduce the pinch point area, and gray vinyl cushion grips are available on the model TY4G. Works on all ties including thin designs.

All Malco Tie Tools are designed to work on standard 175 lb. ties as well as thinner 125 lb. ties.

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Adjustable Nylon Ties

Use Malco Nylon Ties to install flexible duct to take-offs, or secure bundles, up to 15” (3.81 cm) diameter. Made of 100% nylon, Malco ties offer a minimal tensile strength of 175 pounds.

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Fiberglass Duct Tools

Duct Knife
for Flex and Ductboard
with Hardened Stainless Steel!

Ergonomic Cushioned Handle
offers comfortable, sure grip.

Puncture Resistant Nylon Sheath
included with DK6S Cushion Gripped Knife.

Serrated Edge
aids cutting “Flex” fiberglass wool duct.

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Blade Length</th>
<th>Net Wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>DK6S</td>
<td>Cushioned-Gripped Duct Knife (Serrated)</td>
<td>6 (152)</td>
<td>7 (199)</td>
</tr>
</tbody>
</table>
Fiberglass Duct Hole Cutter

Makes precise holes in ductboard for flex duct take-offs.

Supplied with standard double point utility knife blade for cutting 1 inch (25.4 mm) board. USE SPECIAL No. KBHC BLADE FOR 1-1/2 (38.1 mm) INCH DUCTBOARD. Cuts 4” to 20” (102 to 508 mm) diameter holes in fiberglass ductboard. Operation is fast and easy. Cutter rotates counter clockwise on a center pivot punch. Durable extruded aluminum frame and engineering grade molded plastic and nylon components. Blade holder stores in body for safety and to protect blade from damage when not in use.

1-1/2” (38.1 mm) Ductboard Blade for FG1

KBHC

1-1/2” (38 mm) Ductboard Blade for FG1 Hole Cutter. Also works on 1” (25 mm) ductboard.

Replacement Parts for FG1

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>12761</td>
<td>Blade Holder</td>
</tr>
<tr>
<td>12045</td>
<td>Blade Clamp</td>
</tr>
<tr>
<td>12047</td>
<td>Blade Knob</td>
</tr>
</tbody>
</table>

Replacement blade KBHC

Fiberglass Ductboard Washers

REINFORCEMENT WASHER

Use with #8 screw for fastening sheet metal components to fiberglass duct.

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RW732</td>
<td>2-1/2” x 2-1/2” x 0.030” (64 x 64 x 0.76 mm) galvanized reinforced volcano washer with 7/32” (5.56 mm) diameter hole.</td>
</tr>
<tr>
<td>FLW</td>
<td>2-1/2” x 2-1/2” x 0.030” (64 x 64 x 0.76 mm) galvanized reinforced volcano washer with 1/8” (3.18 mm) diameter hole.</td>
</tr>
</tbody>
</table>