Louver 101

As you know, a louver is a relatively common tool that can be used for a variety of applications – most often in airflow or ventilation applications. But it is not always known that louvers can easily be created in your punch press, versus with a die-set. We receive many requests for samples of different types and sizes of louvers – and the variety is nearly endless. The images here show a grouping of three-sided cut louvers and a grouping of single-sided cut louvers.

Wilson Tool offers a standard louver tool as well as a three-sided lance louver (as seen on page 28 of the Thick Turret Special Tooling Catalog). For lengths longer than a standard louver can provide, we offer our progressive louver tool, which allows you to create louvers of multiple lengths with one tool.

Keep in mind as you order and use three-sided lance louver tools that there are a few things you should avoid:

- Straight sided ends with no draft angles as the form can drag inside the tool keeping the form from bending upward cleanly
- Sharp corners, as this creates weak spots in the tool

Less is more.

A fraction of the size of standard punches, EXP™ punch technology from Wilson Tool International® is more productive, more durable and more affordable than any other punch press tooling.

4x faster setups result in less downtime. Ultima® tool steel makes EXP punches last 2x longer. Standard holders with universal punches make it practical to replace only the punch. Smaller punches mean you can stock more shapes in less space. EXP punches also require significantly less material to produce, resulting in less waste.

Expect more for less. EXP punch technology is simply better tooling for less money.
Flat between forms less than one material, as the sheet will tend to twist and the form can become distorted (specialized tooling can be made to accommodate otherwise)

For the same reason, you should have at least one material thickness between the back-side of one form to the front-side of the next form with single-sided louver tools as well.

**Rising Demand for Multi-hit Louvers**

There is a growing trend from our customers to use multi-hit louvers. This type of tool allows you to create multiple louvers in one hit, saving time and money. A multi-hit louver is essentially a cluster punch, with multiple louvers in one tool.

The downside to this type of tool is that you have less flexibility – you are committed to a set amount of spacing or type of pattern. A multi-hit louver tool may also require maintenance and sharpening to be done by your tooling supplier. Despite certain drawbacks though, this continues to be a popular tool because of its positive ROI.

For more information on louver tools, please call the Wilson Tool punching sales desk at **800-328-9646**.

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**Lead Time Reduced on Form-Down Embosses**

We have more good news on lead-time reductions for punching specials! This month, lead times on orders placed through our White Bear Lake facility for Form-Down Emboss for **Thick, FAB, Thin and Trumpf style tooling** have been greatly reduced.

**Thick, FAB & Thin -**

<table>
<thead>
<tr>
<th>Style</th>
<th>Old Lead Time in Days</th>
<th>New Lead Time in Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>A, B, C, D, E Station Rounds</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>A, B, C, D, E Station Shapes</td>
<td>5</td>
<td>3</td>
</tr>
</tbody>
</table>

**Trumpf -**

<table>
<thead>
<tr>
<th>Style</th>
<th>Old Lead Time in Days</th>
<th>New Lead Time in Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size 1 &amp; 2 Rounds*</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>Size 2 Shapes*</td>
<td>5</td>
<td>3</td>
</tr>
</tbody>
</table>

*With or without stripping*

Overall, our lead times for the form-down embosses were reduced by over 50 percent! For more details on our reduced lead times, please contact the Wilson Tool punch press sales desk at **800-328-9646**.

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**Customer Training:**

**Upcoming Lean Seminars**

- Sept. 12, 2012  Raleigh, NC*
- Oct. 11, 2012  Philadelphia, PA*

*Guest Speaker: Dick Kallage of KDC & Associates, Ltd.

Visit wilsontool.com for more information on our lean seminar schedule.

**Upcoming Wilson Wheel Classes**

- Sept. 18, 2012  White Bear Lake, MN

**Upcoming Trade Shows**

- Oct. 23-27, 2012  EuroBLECH
  Hanover, Germany
- Nov. 12-14, 2012  FABTECH
  Las Vegas, NV
THE FACES OF WILSON TOOL

Jay Stutsman
Sales Desk & Shipping Manager

Years at Wilson Tool: 30

What is your favorite aspect of your job? Lots of things: Serving, teaching, training, mentoring, problem solving, watching others grow in their knowledge, skills and abilities. Helping our customers and those around me become successful.

What do you enjoy doing in your free time? Skiing, hiking, biking, camping, fishing, running, woodworking and remodeling my home.

What is something that people would be surprised to learn about you? I have done nine marathons in the last seven years.

If you had to eat only one food item for the rest of your life, what would it be? Hot fudge malts.

Where is the most interesting place you have been? Why? With all the traveling I have done worldwide I would have to say Israel. The magnificent history, culture and beauty of the land grabbed my fascination.