

Ball Lock Tooling



IMPAX
TOOLING SOLUTIONS
A Division of Wilson Tool International®

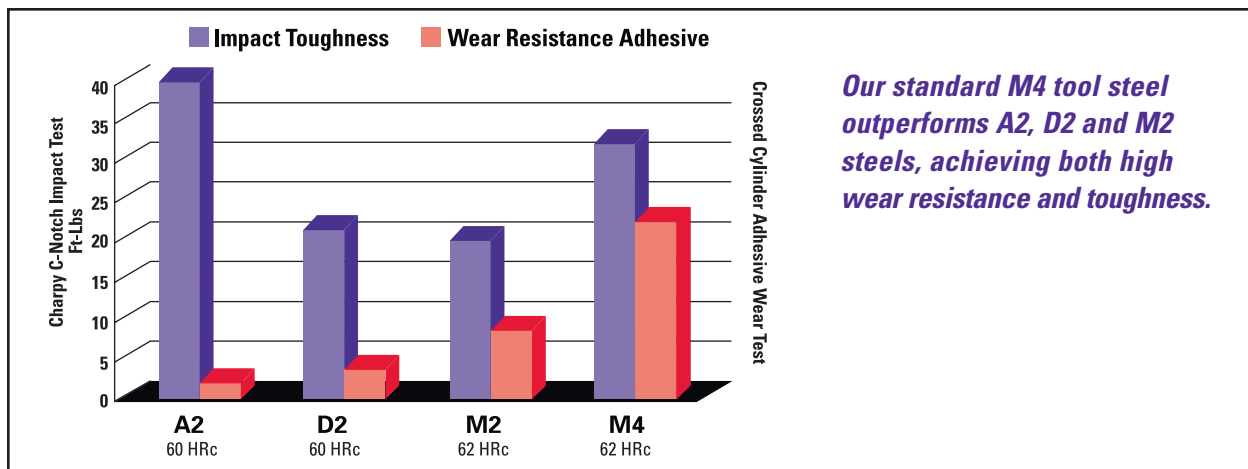
**WILSON
TOOL**
Innovation Engineered
for Performance

The M4 Advantage

Commonly used A2 and M2 tool steels simply can't withstand the most demanding, high volume stamping applications. By offering M4 tool steel as standard on all Wilson HP Ball Lock punches and dies, the HP Ball Lock system provides stampers with a tool that is built to last:

- ▼ Our M4 particle-metallurgy (PM) tool steel performs in demanding applications where high hardness, wear resistance and toughness are critical
- ▼ As a high-speed steel, M4 can handle stamping at a high rate, retaining its hardness even when the tip of the tool is heated to a low red temperature
- ▼ Hardened and triple tempered to HRC: 62-64 for maximum tool life
- ▼ Offered at a price competitive with other ball lock systems using A2 and M2 steels. All standard prices are listed in the Impax Tooling Solutions® HP Ball Lock catalog
- ▼ Breaking, chipping, cracking, tool fatigue and other downtime problems are dramatically reduced with M4, creating long-term gains in productivity and profitability
- ▼ 3V and 10V tool steels are also available for special applications

Wear Resistance and Toughness



Our standard M4 tool steel outperforms A2, D2 and M2 steels, achieving both high wear resistance and toughness.

To discover HP Ball Lock, the new leader in ball lock stamping, contact your Impax Tooling Solutions Sales Engineer today. Get more information by calling the Impax Tooling Solutions division of Wilson Tool International at **(800) 944-4671**, or visiting www.impaxtoolingsolutions.com.



The New Ball Lock Leader

Reach new heights of productivity with the Wilson High Performance™ (HP) Ball Lock system from Impax Tooling Solutions®. Fully loaded with innovative features, HP Ball Lock tooling is engineered to excel in your most demanding, high volume stamping applications.

Upgrade Your Productivity with HP Ball Lock

- ▼ A full line of punches, dies, retainers and special retainers engineered to be the most precise and consistent products in the industry
- ▼ Punches are easily removed and lock into position with precise alignment every time
- ▼ Precision keying increases punch life and produces the highest quality parts
- ▼ Punch tips achieve the highest tolerances in the industry
- ▼ Unsurpassed surface finishes on all punches and dies using state-of-the-art CNC manufacturing, minimizing friction and tool wear
- ▼ Available Optima® coating, our proprietary TiCN coating, which can increase tool life up to 6-10 times, is applied in-house for complete quality control and faster lead-times
- ▼ As with all Impax Tooling Solutions products, the HP Ball Lock system has the fastest lead-times in the industry



"Our goal is to deliver the most reliable, innovative, durable, and consistent tools, such that our customers can be the most successful fabricators in the world."

www.wilsontool.com

The three divisions of Wilson Tool—**Punch Press, Press Brake and Impax Tooling Solutions**[®]—add up to the most comprehensive, innovative and highest quality line of tooling available. Every tool we deliver undergoes rigorous inspection to ensure precision.

Wilson Tool is also committed to delivering the highest standard of customer service in the sheet metal fabricating industry. In addition to the industry's highest quality products, only Wilson Tool customers have access to unique benefits, such as:

- ▼ The industry's largest, best-trained multilingual customer support staff
- ▼ The most knowledgeable and accessible global sales force
- ▼ Unrivaled same-day shipping to help keep you one step ahead of your competition and serve your customers better
- ▼ A comprehensive Web site providing instant access to company news, product specifications and online ordering information
- ▼ Offices in China, Denmark, Germany, the United States and United Kingdom and an extensive distribution network to serve international customers

For the most comprehensive package in the sheet metal fabricating industry, count on the world leader: **WILSON TOOL**.



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