

OPTIMIZE YOUR PUNCHING PERFORMANCE

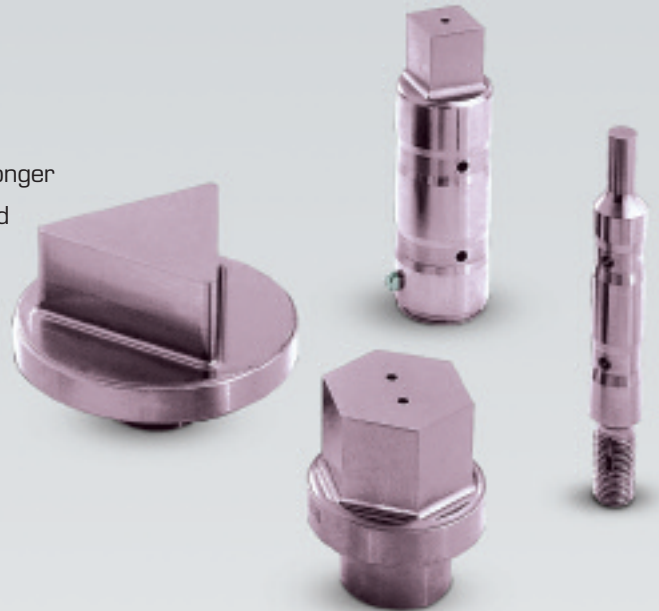
OPTIMA® COATING



Cutting Edge Coating Technology.

Today's high-speed punch presses demand higher performing, longer lasting tooling than ever. Wilson Tool has responded to this need by developing Optima®, a revolutionary coating technology that sets a new benchmark for punch press tooling performance.

Optima coating provides a surface hardness, wear resistance and lubricity unmatched by any other coated or uncoated punch press tooling.

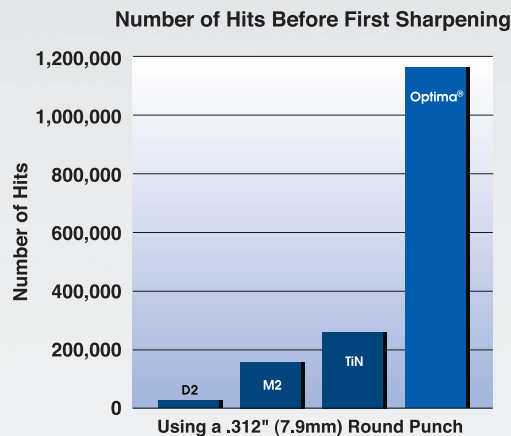
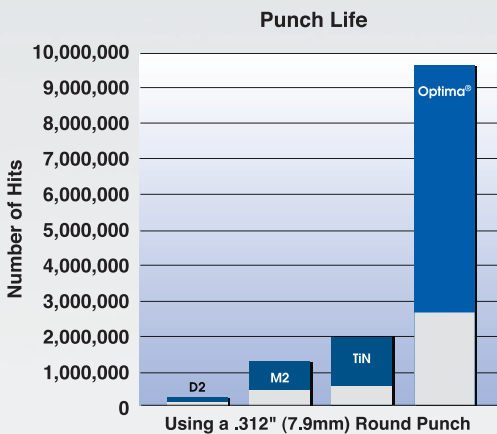


Less Wear and Longer Tool Life.

Optima is a custom-engineered TiCN coating developed by Wilson Tool engineers to significantly enhance punch press tooling performance. With a hardness of 95 Rockwell C, Optima far exceeds the hardness levels that can be achieved with conventional tool steels. It resists galling in aluminum, stainless steel and

galvanized steel and is unaffected by sharpening.

It will outlast untreated tools by as much as 5-7 times. The result is a longer tool life, more hits between sharpenings, reduced galling, better performance and less downtime.



The gray area indicates actual results achieved through three tool sharpenings of .010" (0.25mm) each. The complete graph indicates projected results with a total of .250" (6.3mm) removed for sharpening.



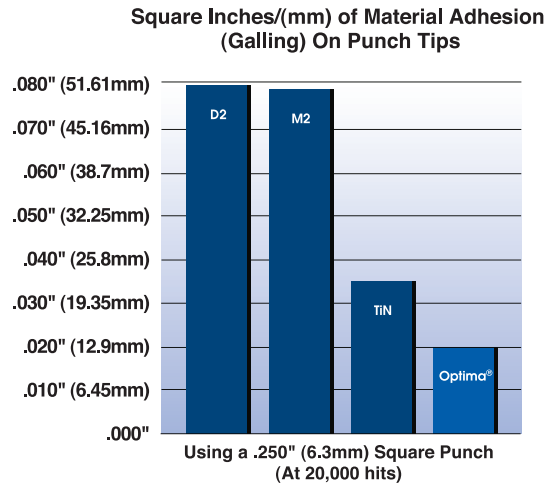
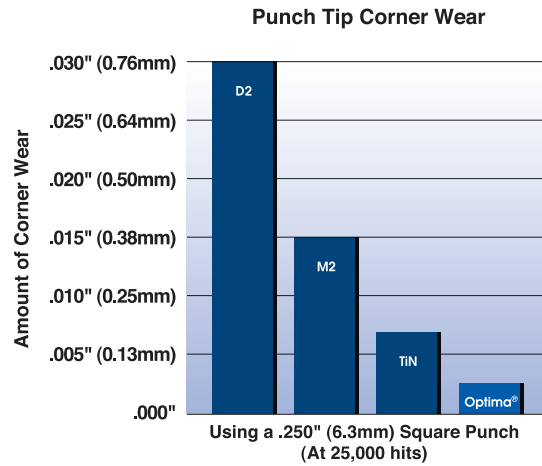
Strength. Performance. Innovation.



Optima Coating Provides:

- Longer tool life
- Increased wear resistance
- More hits between sharpenings
- Reduced adhesion (galling)
- Reduced slug pulling
- Reduced corner breakdown
- Improved special tooling performance
- Lower overall tooling costs
- In-house coating facilities allows us to deliver faster and maintain total quality control

*** Tests were performed under laboratory conditions at Wilson Tool using correct die clearances, with all tools properly sharpened, and all turret stations properly aligned. Actual results may vary depending upon the application.*



For more information on how Optima coating can help improve your punching performance, call 800.328.9646 or visit www.wilsontool.com.

