

# The Art of Bending: Press Brake Tooling Solutions for Every Challenge

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**B**ending metal can be a complex endeavor. Add to the task itself the pressures of finding new ways to minimize downtime, reducing tooling costs and simplifying complex bends, and press brake fabricators are faced with a real challenge. This is when you need a partner that can offer a broad range of solutions.

Beyond a complete selection of press brake tooling and clamping solutions, Wilson Tool International® offers a depth and breadth of knowledge that is virtually unmatched in the industry. Wilson's tooling engineers understand the challenges faced by press brake fabricators better than most and are continually developing creative solutions designed to improve performance and reduce costs.

## Replaceable Large Radius Tips

One such solution designed to reduce setup time is Wilson Tool's new radius tool holder with replaceable tips. This new fastening system makes it easy to remove the tip from the holder simply by loosening the hardware one turn, then inserting a new tip and retightening. The hardware will automatically seat the tips into the holder when tightened.

The punch holders and replaceable radius tips are built for long-lasting durability. Each radius punch holder is hardened to 52-60 HRC at the V-contact points and given a black oxide finish to protect against rust. And all of the replaceable radius tips are hardened with our Nitrex® surface enhancement to 70 HRC for maximum strength.



All holders are 19.68 in. (500 mm) in length. Radius tips are interchangeable with Wilson's American, European and WT style holders. A wide variety of sizes are kept in stock and available for quick delivery.

## V-Series™ Press Brake Dies

Wilson V-Series™ press brake dies with rolling inserts decrease friction and improve performance on certain tough-to-bend applications, such as small flanges, small-bend radii and bends closer to holes.

These uniquely versatile dies also help reduce setup time and minimize the amount of tooling required by making it possible to bend a wide range of materials using the same die.



V-Series dies include built-in blades that rotate to minimize lateral movement between the sheet and the die. This decreases the friction between the die and the sheet to minimize sheet marking.

The rotating blades are available in either metal or composite material. Metal blades are the most durable, while composite blades are ideal for minimizing sheet marking. Both blade types are interchangeable within the same die base.

Wilson V-Series dies are available for virtually all styles of press brake tooling.

## One Source. Total Solutions.

In a competitive industry in which every advantage counts, having a partner who understands your challenges and provides total solutions is invaluable. Whether you're looking to shrink setup times, solve a complex application or simply reduce costs, Wilson Tool will work with you to find the right solution.

Wilson Tool offers a complete selection of precision, staged and conventional press brake tooling and manual and hydraulic clamping solutions, as well as custom tooling for challenging applications.

Wilson Tool can help you spend less and bend more with new radius tool holders with replaceable tips. Or make hard-to-bend applications easier to produce with Wilson V-Series press brake dies.

Whatever you need, Wilson Tool can provide a solution.