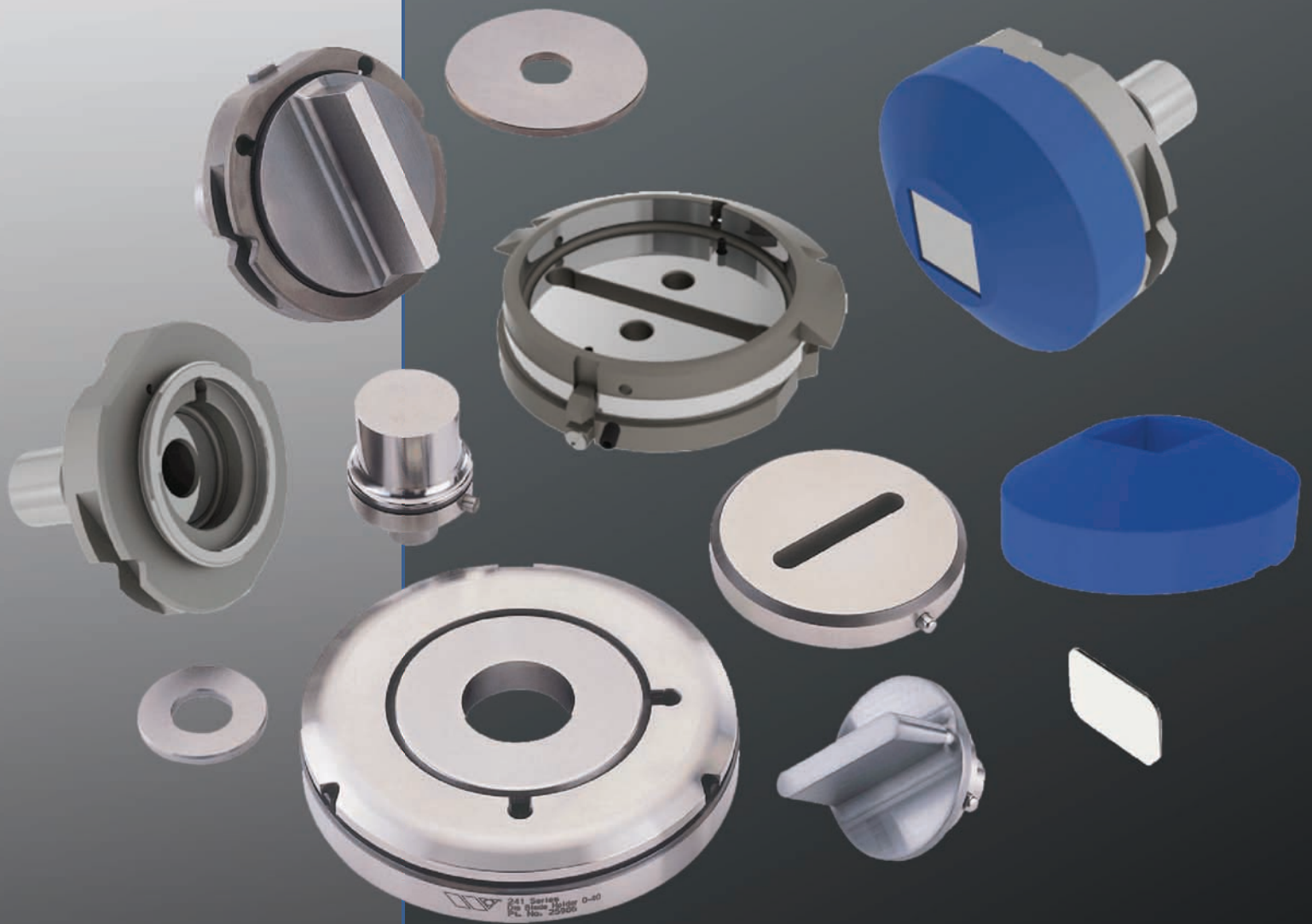




# WILSON 2-4-1 SYSTEM

TWICE THE LIFE  
TWICE THE VALUE



# WILSON 2-4-1 SYSTEM

Extending tool life in  
Trumpf-style tooling!

Developed for users of Trumpf, Pullmax, Boschert and Euromac machines, the Wilson 2-4-1 System of punches and dies is designed to extend tool life and reduce set-up times. Following their introduction in 2005, 2-4-1 punches and dies have become the new standard for many Trumpf-style tooling users.

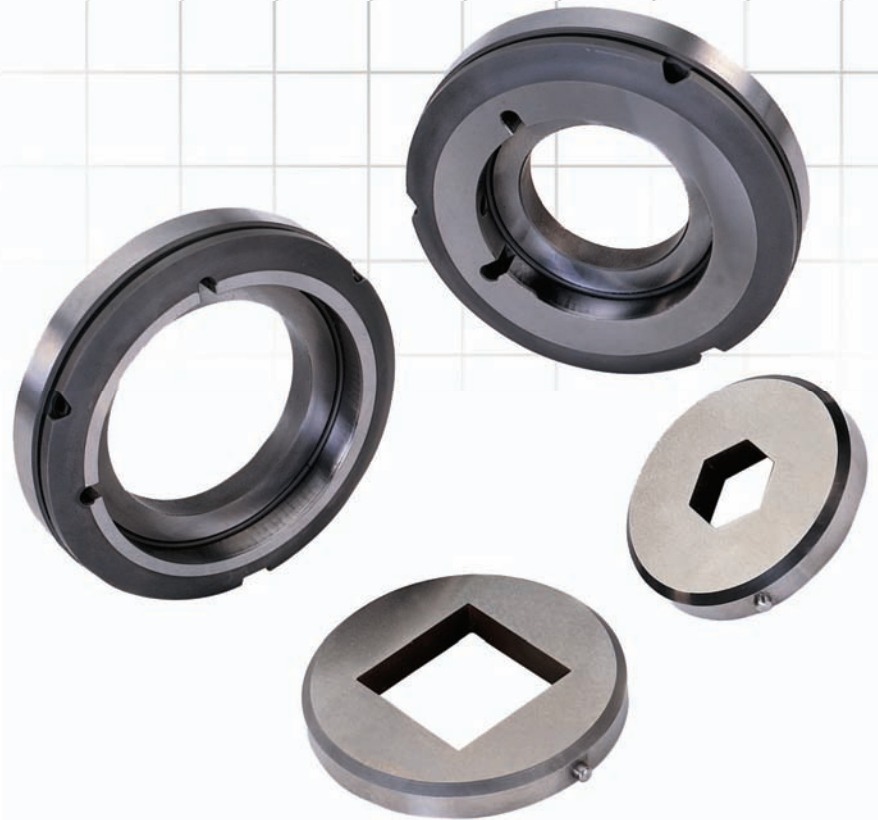
Wilson 2-4-1 punches incorporate a high-precision spacer to increase tool life to an unprecedented 6mm and a keyed punch for accurate, repeatable tool set-up. Now available, the Wilson 2-4-1 Plus Punch System upgrades this original concept with push-on urethane strippers for reduced sheet marking and a dry-wipe insert to easily record your tool size.

With a unique design that incorporates a die holder, die blade and precision spacer, the Wilson 2-4-1 Die System has 2mm of regrind life – twice the life of a standard Trumpf-style die. Introduced in 2009, the Wilson 2-4-1 Slitting Die System extends these principles to slitting dies. With a tough integrated die shoe-die holder design and Ultima™ steel die blades, this new system can increase tool life by up to four times in slitting applications.

There is no greater value than the Wilson 2-4-1 System. With punches and dies that offer twice the amount of grind life, Wilson 2-4-1 tooling delivers maximum value along with the assurance of quality and accuracy offered by Wilson Tool. Wilson 2-4-1 is like getting two tools for the price of one.

One more way Wilson Tool International strives to make its customers

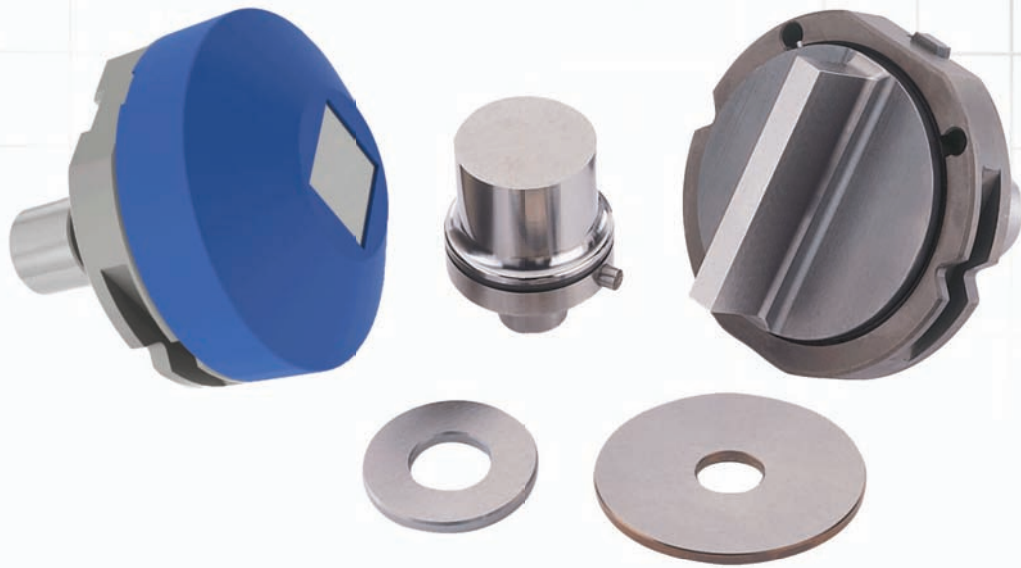
“the most successful  
fabricators in the world.”



## Wilson 2-4-1 Die System

### Benefits/Specifications:

- Die assemblies include precision shims for 2mm of grind life, twice the life of a standard Trumpf-style die.
- Two-piece die design with die holder manufactured from shock-resistant steel and die blade manufactured from high speed steel for long life.
- Die blades can be replaced rather than a complete solid-style die for maximum value.



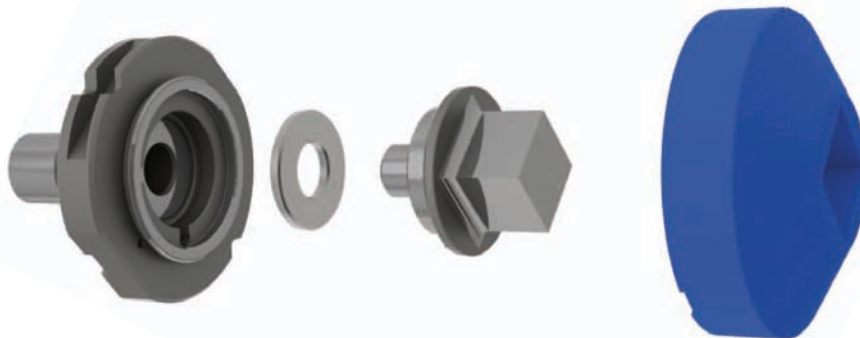
## Wilson 2-4-1 Plus Punch System

### Benefits/Specifications:

- Punch assemblies include a precision spacer for 6mm of grind life.
- Punches are available in Ultima™ tool steel and with Optima coating for extended tool life.
- A built-in collar and keyed punch ensure accurate, repeatable tool set-up without the need for an alignment fixture.
- Fixed angular setting eliminates the chance of setting errors to reduce scrap.
- Punches are unable to move in the collar while under a heavy load.
- Two punch holders available: 0 to 40mm and 40 to 76.2mm.
- Push-on urethane stripper available for the 0 to 40mm assembly for reduced sheet marking.
- Includes a magnetic ID pad to easily record tool size.



Size 40mm - 76.2mm



Size 0mm - 40mm

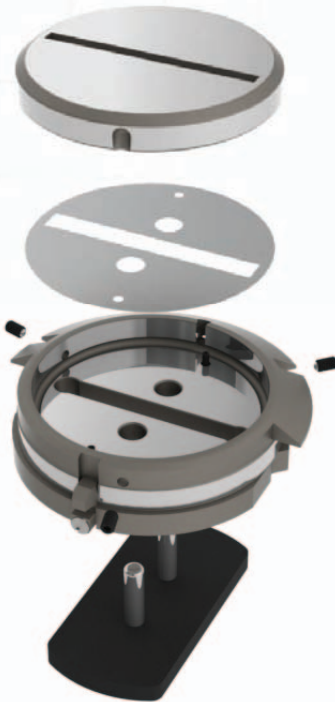
## Wilson 2-4-1 Slitting Die System

### Benefits/Specifications:

- Designed specifically for slitting operations.
- Die assemblies include precision shims for 2mm of grind life, twice the life of a standard Trumpf-style die.
- Die holders are manufactured from shock-resistant steel for long life.
- Die blades can be replaced rather than a complete solid-style die for maximum value.
- Two assembly sizes available: 0 to 56mm and 56 to 76.2mm
- 56 to 76.2mm die holder and die shoe are integrated in a single component for increased strength and toughness.
- 56 to 76.2mm die blades are manufactured from Ultima™ tool steel for more hits between regrinds and reduced down-time.



For slitting sizes up to 56mm long



For slitting sizes up to 76.2mm long

## Wilson 2-4-1 Heavy Duty Die

### Benefits/Specifications:

- A special 2-4-1 die holder assembly, designed for complex two-dimensional shapes and cluster tools with small webs between holes.
- An aperture is cut into the die holder to fully support the die blade. Note: special shims are provided.
- Die assemblies include precision shims for 2mm of grind life, twice the life of a standard Trumpf-style die.
- Die holders are manufactured from shock-resistant steel for long life.
- Die blades can be replaced rather than a complete solid-style die for maximum value.





# Wilson 2-4-1 System

## Example Cost Justifications

### Wilson 2-4-1 Punch System (Standard Length Tooling)

With 6mm of grind life, Wilson 2-4-1 punches last twice as long as conventional Trumpf-style punches.

- ⇒ *The cost of a 2-4-1 punch holder and rectangle slitting punch insert = £211.00*
- ⇒ *The cost of three conventional Trumpf-style slitting punches = £228.00*

After payback has been made and with twice the life of conventional punches, you will then see ongoing savings of £66.00 every time you purchase a replacement 2-4-1 punch.

### Wilson 2-4-1 Punch System (Long Tooling)

With 9mm of grind life, Wilson 2-4-1 punches last 1.5 times as long as conventional Trumpf style punches.

- ⇒ *The cost of a 2-4-1 punch holder and rectangle slitting punch insert = £211.00*
- ⇒ *The cost of three conventional Trumpf-style slitting punches = £228.00*

After payback has been made and with 1.5 times the life of conventional punches, you will then see ongoing savings of £28.00 every time you purchase a replacement 2-4-1 punch.

### Wilson 2-4-1 Slitting Die System

With 2mm of grind life and Ultima™ Steel die blades, Wilson 2-4-1 slitting die blades last at least four times as long as conventional Trumpf-style slitting dies.

- ⇒ *The cost of a 2-4-1 tool holder and die Blade = £298.49*
- ⇒ *The cost of four conventional Trumpf-style slitting dies = £288.00*

After payback has been made and with four times the life of conventional dies, you will then see ongoing savings of £189.00 every time you purchase a replacement die blade.

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