

**ULTRA-FAST**

# **NEW STANDARD** **PNEUMATIC TOOL HOLDERS**



# NEW STANDARD<sup>®</sup> PNEUMATIC TOOL HOLDERS

WILA's core activities are aimed at a single mission: To achieve the highest level of productivity for the press brake users. To achieve this, WILA continuously strives to develop the latest bending technologies and innovations, resulting in high quality products. These pneumatically operated New Standard<sup>®</sup> Clamping Systems are the latest additions to these WILA innovations.

WILA introduces New Standard<sup>®</sup> Premium Tool Holders for top and bottom Tooling, based upon a unique -patented- Self-Locking clamping mechanism. Tools are clamped using air pressure. The main advantage of this approach is that tools can be clamped and unclamped extremely fast. Tool segments are clamped and positioned individually using clamping pins, which are, in turn, controlled via special plungers. This unique system further increases the speed of tool changes and results in significant increases in productivity. These Self-Locking New Standard<sup>®</sup> Premium Clamping Systems (NSCL-II-SL/UPB) as well as the New Standard<sup>®</sup> Premium Bottom Tool Holders (OB-II-SL/UPB) are especially well suited for smaller -often electrical- press brakes and press brakes with automatic tools change (ATC).



## SELF-LOCKING

Tools are clamped using a pneumatically-controlled pair of self-adjusting wedges. When the wedges are engaged (clamped), they become an integral part of the tool. This means tools always remain clamped, even if there is a loss of air pressure. Clamping is also released pneumatically.

The Self-Locking principle is suitable for clamping WILA's New Standard<sup>®</sup> top and bottom tools (BIU and OZU). The OB-II-SL/UPB is able to clamp bottom tools (OZU) with and without the V-Lock<sup>®</sup> system\*.

*\*V-Lock<sup>®</sup> = A groove at the back of the tool tang is used to automatically align bottom tools along X and Y axis, and to firmly clamp them in place.*

## VERSIONS

WILA offers New Standard® Premium Clamping Systems and New Standard® Premium Bottom Tool Holders with its unique Self-Locking principle. These new systems can be mounted using the Universal Press Brake (UPB) concept; other mounting options are also available. The pressure and reference surfaces of these Self-Locking Clamping Systems are CNC-Dee-phardened® and are thereby extremely durable. This guarantees long term performance and accuracy. Another major advantage is the universal air connection, which can be placed on the left or right-hand side. In addition, these Tool Holders feature a Cover strip and hardened metal End Guards as standard equipment, helping prevent damage to the Tool Holders as well as the tools.

## THE ADVANTAGES

- Extremely fast clamping and unclamping speed
- Self-Locking; tool continues to be clamped, even if air pressure is lost
- Pneumatic operation; suitable for normal shop air pressure
- Universal air connection
- Compatible with tools featuring V-Lock®
- Pneumatically controlled clamping and unclamping
- No oil (pressure) necessary
- Compatible with tools featuring E2M®
- Available with Smart Tool Locator® and/or TIPS

	NSCL-II-SL/UPB	OB-II-SL/UPB
Height 80 mm	●	●
Cover strip	●	●
Pressure and reference surfaces CNC-Dee-phardened®	●	●
Left or right-hand side air connection	●	●
Max. load 200 Ton/m	●	●
Max. tool weight 150 kg/m (Asymmetric tooling up to 70 kg/m)	●	●
Hardened metal End Guards	●	●
E2M® Guards	○	○
TIPS	○	○
Smart Tool Locator®	○	○
UPB mounting	●	●
Tx-adjustment	●	●
B2 mounting	-	○
B3 mounting	-	○

- *standard*
- *optional*



NSCL-II-SL/UPB



OB-II-SL/UPB

## **WILA. THE PRESS BRAKE PRODUCTIVITY PEOPLE.**

WILA is totally focused on providing a line of products and support systems to maximize the productivity of your press brakes. For over 80 years, WILA has specialized in Clamping Systems, Crowning Systems and Tooling and Accessories to reduce set-up time and improve accuracy of the press brake. Through strong partnerships with the world's leading press brake manufacturers, an extensive and trained dealer network, long experienced regional managers, dedicated application support and engineering staff, WILA is always close at hand to support your needs.

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### **PRESS BRAKE PRODUCTIVITY CATALOG**

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