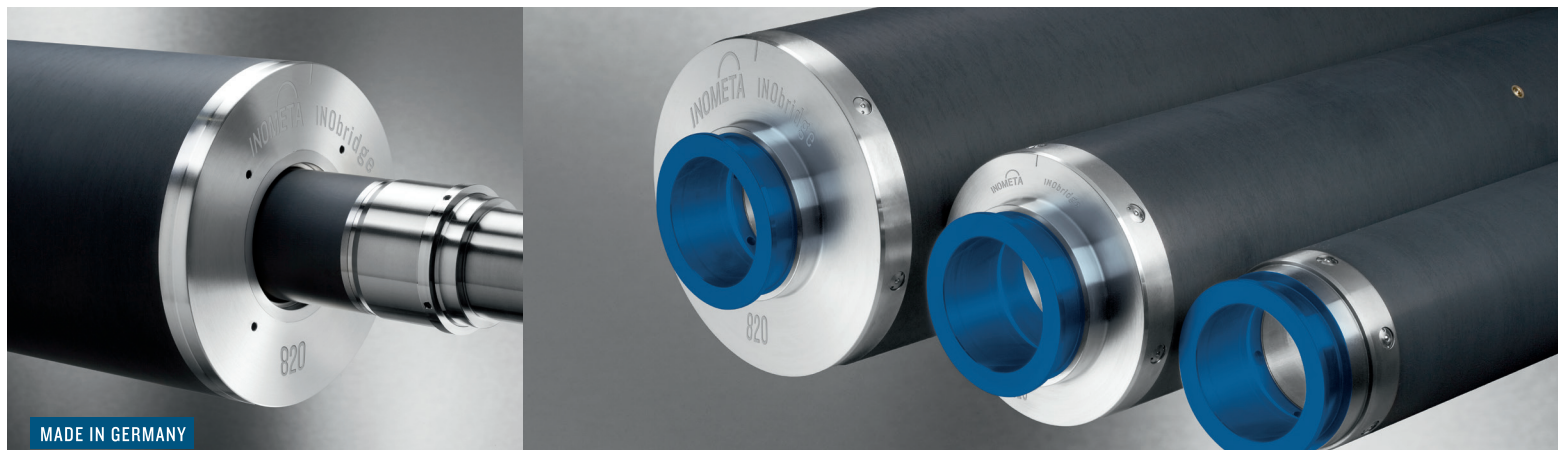


# INOflex<sup>®</sup> INObriDge<sup>®</sup> CH Proline

The hydraulically clamped CFRP Proline adapter with wear resistant PROTEK<sup>®</sup> coating is the entry into the high-end range of flexographic printing. The CFRP base core comprises optimized rigidity, a great extent of coupling stiffness a wide range of equipment options. A CFRP bridge adapter with original equipment manufacturer quality, which guarantees high speeds and optimum print quality. Due to its excellent handling, the on/off sleeving process is considerably alleviated and set-up times are optimised.



MADE IN GERMANY

## ASSEMBLY

- On hydraulic shafts
- Min. 6 bar/ max. 8 bar compressed air
- Min. air volume: 12 litres/sec.

## MINIMUM POSSIBLE FORMAT JUMPS

- 10 format jumps as standard

## POSSIBLE CLAMPING POINTS DIAMETERS

- Min. 85 mm
- Max. 245 mm

## LENGTH\*

- Min. 650 mm
- Max. 2000 mm
- From 2000 mm, refer to INObriDge<sup>®</sup> MAX range

## DIAMETER TOLERANCES

- $\leq$  Format 700 ( $\emptyset$  216,567 mm) +0,015 mm / +0,000
- Optional: +0,030 mm / +0,000
- $>$  Format 700 ( $\emptyset$  216,567 mm) +0,018 mm / +0,000
- Optional: +0,035 mm / +0,000

## POSSIBLE OUTER FORMATS\*

- Min. outer
 

Stork:	350 ( $\emptyset$ 105,158 mm)
Pitch Gear:	13,875 ( $\emptyset$ 105,830 mm)
- Max. outer
 

Stork:	1400 ( $\emptyset$ 439,134 mm)
Pitch Gear:	55,125 ( $\emptyset$ 439,340 mm)
- From 1400 Stork ( $\emptyset$  439,134 mm), refer to INObriDge<sup>®</sup> MAX range

## PULL RING

- Aluminium (blue anodized)

## CHARACTERISTICS AT A GLANCE

- Significant weight reduction with maximum rigidity
- Excellent damping properties and reduction of vibrations
- Easier handling thanks to its light weight
- Precise print results, particularly at high speeds
- The stable hydraulic clamping minimises the points of contact between the adapter and shaft
- The adapter design is based on the bridge principle, which enables a significantly shorter force transmission to the shaft. In conjunction with optimised CFRP laminate structure, this provides the minimal degree of total deformation.

\*Further dimensions on request

Last updated: 01/2024

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## COATING

- Electrically conductive in accordance with ATEX 2014/34/EU
- Wear resistant PROTEK<sup>®</sup> 3340 (Hardness 90 Shore D)
- Optional dirt-repellant surface sealing PROTEK<sup>®</sup> 9003
- Rz 4-10 µm

## TEMPERATURES

- Areas of application up to 60°C

## SERVICE

In addition to the new production in original equipment manufacturer quality, INOMETA offers an overhauling and repair service for your used hydraulic CFRP bridge adapters.

## INSERT MATERIAL

- Aluminium/stainless steel
- Choice of material is dependent on the format

## BUSHING/HUB MATERIAL

- Steel unhardened
- Optionally hardened

## AIR OUTLET (OPERATOR SIDE/ROLLER BODY)

- Drilled plastic insert
- Optional ball valves

## RUN OUT

- 0,010 mm

## INOFLEX<sup>®</sup> REGISTRATION

- INOpin steel reinforced
- Optional parallel key
- Optional stop angle

## CLEANING

- For cleaning, we recommend BioClean 2000 from our INOcare<sup>®</sup> range
- Resistant against conventional solvents used in flexographic printing
- Also observe our operating and cleaning instructions

## INOflex<sup>®</sup>

With our INOflex<sup>®</sup> product range – a comprehensive solution for flexographic printing – INOMETA offers a full portfolio of lightweight products for use in printing units and other areas of flexographic printing machines. As a specialist in rotating printing unit components, INOMETA develops and produces components that are designed to work perfectly together, including anilox rollers and anilox sleeves, CFRP bridge adapters with hydraulic or pneumatic clamping systems and CFRP shafts. INOMETA is also the leading specialist of web-guiding rollers and winding cores.