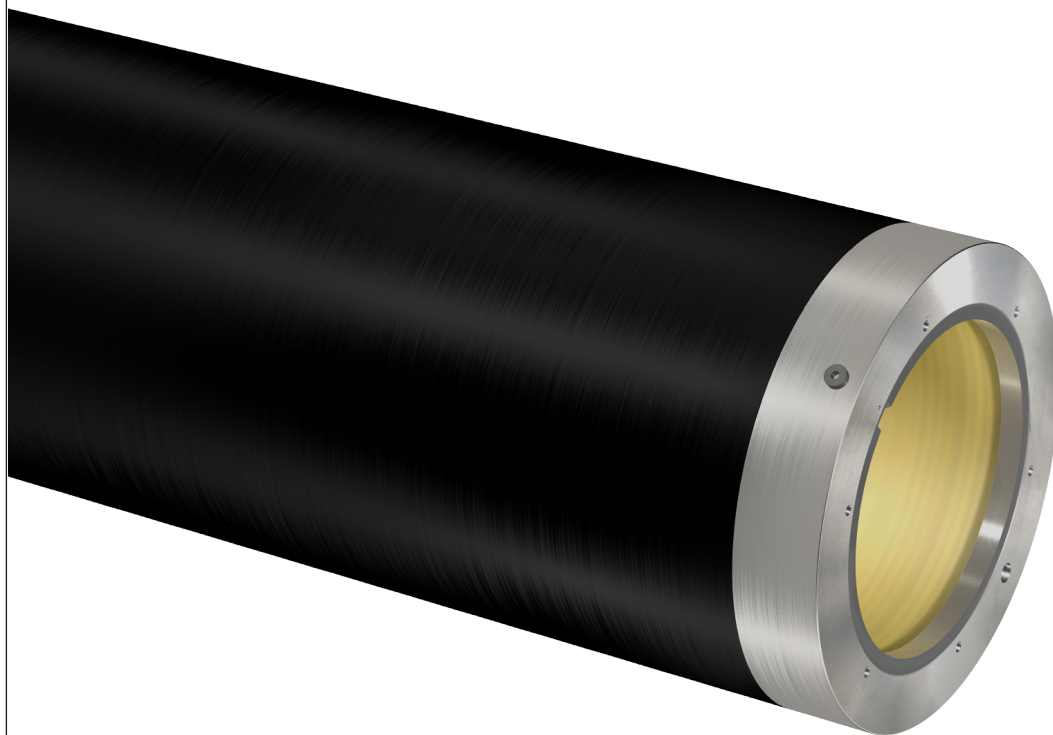


FastBridge[®] HM



Winner of Technical Innovation Award FTA-USA



antistatic
sleeve



hardness 75
ShD



HD print level



humidity
resistant



manual
handling



mechanical
resistance



protection
ring metal



PTB Norm
compliant

Pneumatic adapter engineered to perform a consistent absorption of print vibrations at different production speeds thanks to the application of very high modulus carbon fibers layed at specific angles newly defined by the R&D department of Rossini.
Rossini patent no. 2844476

Comprehensively tested for print speeds up to 800 [m/min], FastBridge adapters provide an average print speed gain of at least 30%, especially on vibration prone print jobs. Outstanding performance, ease of handling and maintenance free operation make it a superior alternative to hydraulic adapters. Metal ends that improve its resistance to impact and wear over time.

It is anti-static and can be used with all Rossini plate sleeves. This special High Modulus Carbon fiber adapter reduces vibration and enhances printing quality, allowing to

achieve considerably higher production speeds. FastBridge is available both Side Air and Flow Through configuration.

structure

Fibreglass base sleeve. Outer tube in high module (HM) carbon fibre. The aluminium side flanges guarantee total resistance against humidity and solvent penetration. Register notch built into the protective steel ring mounted on the flange.

specifications

Colour	Black
Max Diameter	700 [mm] // 27.559"
Min/Max Length - Tolerance UNI:ISO 2768T1m	350 - 2.850 [mm] // 13.78" - 112.205"
Thickness	7,5 - 70 [mm] // 0.295 - 2.756"
Surface hardness - Tolerance +/-5 Shore D	75 Shore D
Electrical resistance	< 1 MOhm
Compressed air for sleeve mounting on the carrier	6 - 10 [bar] // 87 - 145 PSI Minimum capacity: 700 [l/min] with air input having a free passage with D => 8[mm]
Operating temperature	18° - 40 °C // 64,4 - 104 °F
Max printing speed	800 [m/min]
Register notch	Protection steel ring with integrated register notch
Side flanges	Standard: Aluminum - Optional: Carbon fibre
Working tolerance	External finishing with precision grinding (Ra=0.8) with T.I.R. < 0.02 mm] when measured on a mandrel with T.I.R. <= 0.005 [mm]
Cleaning and Storage	Use ethanol with an additional max 20% of ethyl acetate; store vertically

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Rossini World
Italy • France • Spain
Germany • United Kingdom
Romania • Brasil • China
United States • India

Rossini S.p.A. HeadQuarters
Via de Gasperi, 5
20027 Rescaldina - Milano - Italy
Tel. +39 0331 47 27 11 - Fax +39 0331 57 97 46
comm.dept@rossini-spa.it

WWW.ROSSINI-SPA.IT