



# FRICTION SHAFTS

## FRICTION RINGS WITH EXPANDING ROLLS



- ✓ Ideal solution for multiple reels rewinding
- ✓ Reel cores of 3" and 6"
- ✓ No damage of the reel core
- ✓ Wider grip surface, greater core stability
- ✓ Friction ring 7,5mm
- ✓ Ideal solution both for cardboard and plastic cores

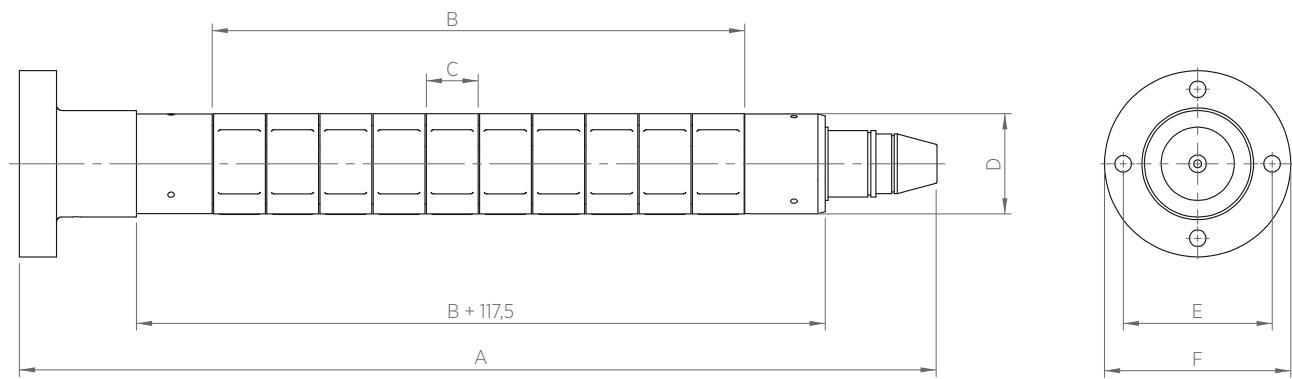
Re friction shafts are the ideal solution for multiple and independent rolls rewinding on the same shaft, as each one needs a proper web tension.

During the rewinding process of multiple rolls, obtained after the cutting process of a plastic film or paper or any other material, is it common to have important differences of thickness and, consequently, differences of the web tension. To solve this issue, the friction shafts ensure a different management of the rolls locking onto one or multiple friction rings the core of each roll to obtain a precise rewinding and a uniform web tension of each roll.

Re friction shafts are equipped with patented friction rings made of nickel-plated steel with wide supporting surface thanks to the expanding rolls which, compared to the balls guarantee a wider gripping area. This new technology for friction shafts ensures an higher grip without any slipping of the cores and moreover without any damage of the roll cores; furthermore, thanks to the wider surface, they can be used both with carton and plastic core reels without any loss of performance.

The central shaft is made of chromed steel, while the three listels are made of felt to ensure the right slip of the friction rings.

# TECHNICAL DRAWING



A, B, E, F: on customer's request

# APPLICATION



Thanks to the high experience in the design of tension controllers, we can provide a wide range of solution for the control of the speed and the pressure of the friction axis.

For these features, Re friction shafts are the ideal solution to be used on slitting rewinding machines.

# TECHNICAL DATA

Friction ring dimension (width)*	standard 7,5mm - 19mm - 39mm (plus spacer)	
Reel diameter	3" - 6"	
Max expansion of the roll on the shaft ø	expanding roll ø 3mm expanding roll ø 5mm	1,5 ÷ 1,6 mm on ø 3,5 mm on ø
Diameter shaft*	standard 3" - 6"	
Listels*	standard 3 felt listels	

\*other dimension on request  
\*\*Data are subject to technical change without notice



Re S.p.A.  
via Firenze 3  
20060 Bussero (MI) Italy

T +39 02 9524301  
F +39 02 95038986  
E info@re-spa.com

Assistenza tecnica  
Technical support  
T +39 02 952430.300  
E support@re-spa.com

Assistenza commerciale  
Sales support  
T +39 02 952430.200  
E sales@re-spa.com