

Title (en)  
FRICTION DISC FOR FALSE TWISTING DEVICE

Title (de)  
FRIKTIONSSCHEIBE FÜR EINE FALSCHDRALLVORRICHTUNG

Title (fr)  
DISQUE DE FRICTION POUR UN DISPOSITIF DE FAUSSE TORSION

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Application  
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Abstract (en)  
[origin: CN111945266A] The invention relates to a friction disk (5) for a false twisting device (1), comprising an annular hub (6), on which a circular race (9) made of a PU layer and having a minimum wall thickness required to achieve a reliable form fit can be fastened, the hub (6) having a circumferential support ring (7) and a central bore (8), the friction disc (5) can be fixed on one shaft (4) of the false twisting device (1) through the central hole. In order to ensure better dimensional and shape stability during a long service life of the friction disk (5), the invention provides that the formed race (9) fastened to the hub (6) is ground according to a predetermined profile, the flank (10) of the race (9) has a settable width dimension (BFL) after the grinding process; and/or the hub sleeve (6) has a circumferential shoulder (11) at a distance from the support ring (7) for supporting a fixable PU layer, wherein the cross-sectional width (BA) of the shoulder (11) is smaller than the cross-sectional width (BS) of the support ring (7).

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