Title (en)

SPRING MOUNTING CONE FOR A TORSION SPRING HAVING A TORQUE-TRANSMITTING LEG BENT INWARD OR OUTWARD

Title (de)

FEDERAUFNAHMEKONUS FÜR EINE TORSIONSFEDER MIT EINEM NACH INNEN ODER AUSSEN ABGEBOGENEN DREHMOMENTÜBERTRAGUNGSSCHENKEL

Title (fr)

CÔNE DE LOGEMENT POUR UN RESSORT DE TORSION AVEC UNE BRANCHE DE TRANSMISSION DE COUPLE COURBÉE VERS L'INTÉRIEUR OU L'EXTÉRIEUR

Publication

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Application

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Abstract (en)

[origin: WO2013050614A1] The invention relates to a spring mounting cone (1) for a spring end (25) of a spiral torsion spring (24), having a bent torque-transmitting leg (26) and comprising a circumferential surface (8) for radially supporting the torsion spring at the internal circumference of the torsion spring, at least one flank (9, 10) protruding from the circumferential surface (8) and extended in the circumferential direction for engaging between spring windings (27) of the torsion spring (24), an opening (11) in the circumferential surface (8), bounded by a torque-transmitting edge (12), for accommodating and supporting a torque-transmitting leg (26) of the torsion spring (24) bent inward, and a projection (16) that points radially outward and that is axially adjacent to the circumferential surface (8). The projection (16) has a hole (15) at a radial distance from the adjacent circumferential surface (8), which hole is designed to anchor a stop (19) in the circumferential direction for a torque-transmitting leg (26) of the torsion spring (24) bent outward.

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