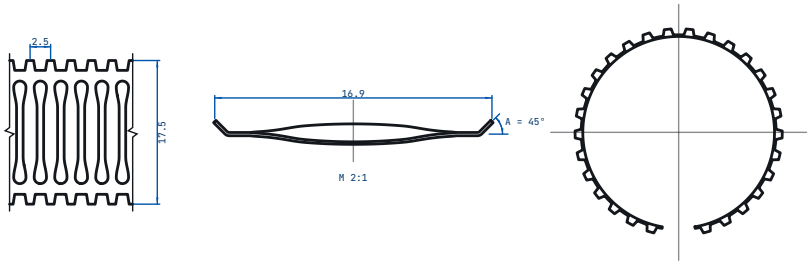
INSTALLATION DRAWING · CONTACT LAMELLAE

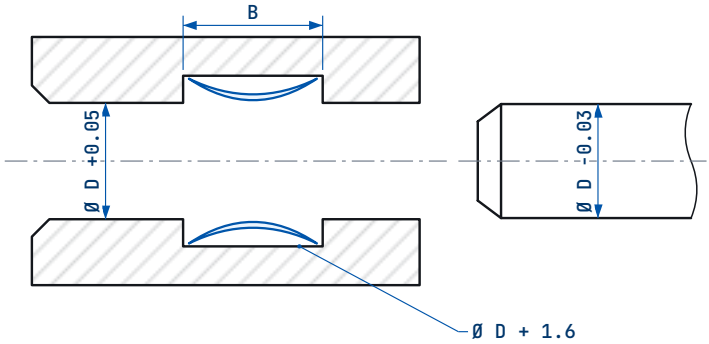
Torsion spring contact band 17.5 mm, socket version

Installation and mating dimensions of the 17.5 mm torsion spring contact band in the socket. The pre-rounded band is laid into the turned groove of the socket and held there by its own preload.

SCHEMATIC, DIMENSIONS IN MM



Band: flat pattern with 2.5 mm pitch, cross-section with leg angle A (shown for A = 45°, scale 2:1) and band rolled into a ring with N louvers.



Installation in the socket
B = 17.9 (A = 0°/15°), 17.3 (A = 45°)

Installation in section, schematic and not to scale. B = groove width, see table.

INSTALLATION AND MATING DIMENSIONS

Socket bore	D +0.05	mm
Pin diameter	D −0.03	mm
Groove Ø in the socket	D + 1.6	mm
Groove width B	17.9 (A = 0°/15°), 17.3 (A = 45°)	mm
General tolerance	ISO 2768-m	

BAND

Width over the legs	17.5 ± 0.3 (A = 0°/15°), 16.9 ± 0.3 (A = 45°)	mm
Louver pitch	2.5	mm
Louvers N	band length ÷ 2.5 mm	
Finish	silver-plated, bare as an option	

DRAWING

Dimensions in mm. D = mating diameter. English edition of the German installation drawing of ACA Atlas Contacte (2014), drawn with the same dimensions, schematic and not to scale. German original (PDF) · Product page and configurator

Note: Subject to technical change. Only the drawings and specifications agreed with you are binding. © ACA Atlas Contacte GmbH, 2026-11.

ACA Atlas Contacte GmbH · Wallbacher Straße 5 · 79664 Wehr · Germany
Phone +49 7761 4420 · info@atlas-contacte.de · www.atlas-contacte.de