Guide rails for BRECO® ATN timing belts

The ATN system is especially designed for application in transport technology. Use guide rails to ensure the timing belt is reliable guided (see picture below).

BRECO provides guide rails with and without guide channels for ATN timing belts without guide V-groove. Versions G, GC, F and FC can be used (see drawing 1).

For the BRECO $^{\circ}$ timing belts ATN10K6 and ATN12.7K6 guide rails version K6, K6C, ATNK6 and ATNK6 C are available (see drawing 2).

Material

We recommend using a low-friction and abrasion-resistant material such as low-pressure polyethylene. The sliding friction value between standard polyurethane and low-pressure polyethylene is between μ **B**.3 and μ **B**.8, depending on the material specification of the polyethylene used. We recommend always checking that the material is suitable for the intended use with the supplier of the low-pressure polyethylene.

Other possible combinations:

- Steel with bright surface, sanded if necessary, and polyurethane timing belt with polyamide coating (PAZ/PAR): μ. 2.
- Surface-hardened bright aluminium and polyurethane timing belt with polyamide coating (PAZ/PAR): μ 0.3 ... 0.3





