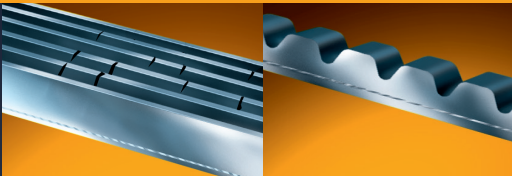
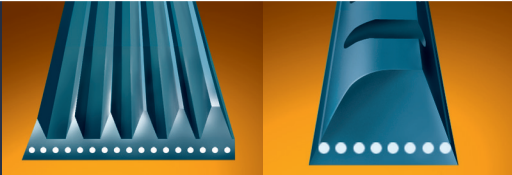

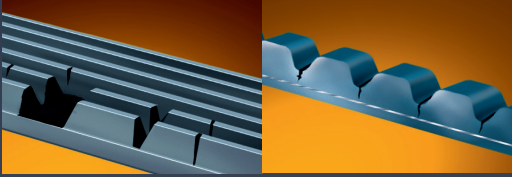
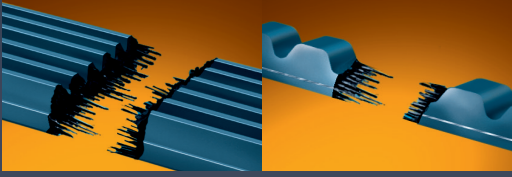
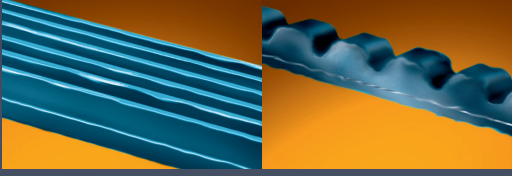
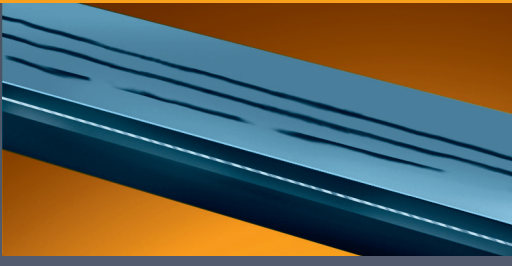

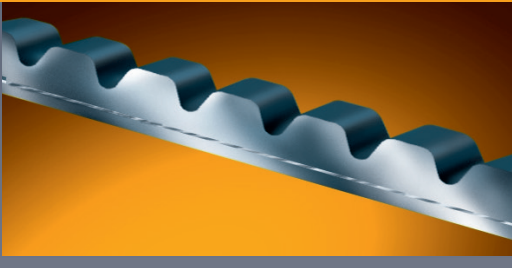



Problem – Diagnosis – Solution

Multi-V Belts / V-Belts

Problem and cause		Solution
Multi-V Belts / V-Belts		
Hardened, polished flanks ① Incorrect tensioning ② Tension member of belt damaged by incorrect fitting		① Change the belt, adjust tension correctly ② Change the belt, fit properly
Uneven wear on ribs ① Pulleys are not aligned ② Substantial belt vibrations		① Examine the drive. Line up or, if necessary, replace any non-aligned pulleys, change the belt ② Check the tension. If necessary, tighten or change the belt
Running noises from belt ① Insufficient tension ② Belt past its useful life		① Tighten or change the belt ② Change the belt
Cracks/separations in belt body/ribs ① Belt tension is too high/low ② Belt past its useful life ③ Foreign matter		① Change the belt, adjust tension correctly ② ③ Change the belt
Crack in the belt after a short running time ① Tension members damaged as a result of incorrect fitting ② Belt excessively tensioned		① Change the belt, fitting it correctly ② Change the belt, adjust tension correctly
Dirt accumulation on the belt ① Leaks in the engine or engine compartment (e.g. escape of oil, antifreeze etc.)		① Repair leak(s), change the belt
Multi-V Belts		
Damage to the back of the belt ① Back idler pulley defective (sluggish, surface damaged, e.g. by foreign matter)		① Change the belt, replace the back idler pulleys
Unacceptable wear of belt ribs ① Pulleys/idlers/assemblies defective (sluggish) ② Pulleys not aligned		① Replace pulleys/idlers/assemblies, change the belt ② Align or replace pulleys, change the belt
V-Belts		
Hardened, polished flanks (different tension values for belts of sets) ① Pulleys not aligned ② Tension member of belt damaged by incorrect fitting ③ Mismatching of belts		① Examine the drive, line up non-aligned pulleys and fit a new set of belts ② Change the belt, fitting it correctly ③ Always replace a complete set of belts
Excessive wear on flanks/flanks brittle ① Excessive slip ② Pulleys not aligned ③ Pulley grooves with uneven wear		① Change the belt, adjust the tension correctly ② Examine the drive, line up or, if necessary, replace any non-aligned pulleys ③ Line up or, if necessary, replace any non-aligned pulleys

