

# Crankshaft Balance Gears

Automotive | Engine | Transmission

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## Benefits

- Allows for lightweight and more economical solutions
- Allows for more reliable solutions
- Provides higher stiffness and chemical resistance



## Details

Stanyl® PA46 is the first high-temperature polyamide and the only aliphatic polyamide in its class, making it an ideal choice for crankshaft balance gears. The polymers fit in the crystal in multiple ways, giving rise to high crystallization speeds and high crystallinity. This combination makes it ideal for high-temperature applications since it comes with a melting temperature of 295° C.

## Products

Stanyl® TW341  
PA46

Stanyl® TW271F6  
(PA46+PTFE)-GF30

Stanyl® TW278F10  
(PA46+PTFE)-GF50

Stanyl® TW200B6  
PA46-CF30



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