

optibelt DELTA CHAIN Carbon

HIGH PERFORMANCE POLYURETHANE TIMING BELTS



Highly dynamic, tough, tear-resistant, durable, and brand new:

The **optibelt DELTA CHAIN** with carbon cord is the perfect alternative to drives with roller chains. Designed for high torque, it delivers the best performance values even under extreme conditions and high loads.

Our innovation studies showed in extensive tests that a performance increase of up to 100% over comparable high performance synchronous rubber belts is possible.

Advantages and Characteristics

- optimised tooth form
- unmatched shock resistance
- temperature resistance
- double power transmission
- newly developed special fabric
- high reliability

A NEW MATERIAL GENERATION

- tear-resistant for heavy demand
- durable
- for drives with high torque

Dimensions

- 8M DC 640 – 4480 mm
- 14M DC on request

Other sizes available on request

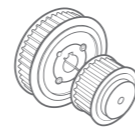


optibelt DELTA CHAIN Carbon in cross section



optibelt ZRS TIMING BELT PULLEYS

optibelt DELTA CHAIN Carbon timing belts run in standard ZRS DC, CTD and PC pulleys



CTD/PC

optibelt ALPHA POWER

HIGH PERFORMANCE POLYURETHANE TIMING BELTS



The powerful **optibelt ALPHA POWER** timing belts are the result of consistent further development. The wide-ranging experience gained with ALPHA standard timing belts is now reflected in this belt generation. Made with a new, more resistant and more durable polyurethane compound, the performance of this generation is up to 30% higher than that of the previous standard belt.

By enabling a more compact drive design, the **optibelt ALPHA POWER** cuts costs, starting with the purchase costs for new belts and pulleys. The optimised interplay of the polyurethane and steel cord components guarantees the **optibelt ALPHA POWER** an extremely economical solution for a wide range of applications.

Advantages and Characteristics

- higher power transfer – up to 30% in comparison with conventional standard polyurethane timing belts
- very accurate pitch and low tolerances
- strong attachment of polyurethane to tension cord
- variable position of the tolerance zone, for fixed centre distances, for example
- tension cords: steel, highly flexible steel, stainless steel

Profiles and Belt Length Ranges

| | |
|------|----------------|
| T2.5 | 107.5 – 950 mm |
| T5 | 165 – 1440 mm |
| T10 | 260 – 2250 mm |
| AT5 | 200 – 1500 mm |
| AT10 | 500 – 1940 mm |
| DT5 | 300 – 1100 mm |
| DT10 | 600 – 1880 mm |

Other dimensions on request

optibelt ALPHA POWER in cross section



optibelt ZRS TIMING BELT PULLEYS

all standard pulleys, special pulleys on request

