



POWER TRANSMISSION

optibelt **DELTA CHAIN** Carbon



FOR:
ZRS DC
CTD
PC



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. Intensive testing in our innovation studies showed it can achieve up to 100% improvement in performance over comparable high performance rubber timing belts.

Advantages and characteristics

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

A new generation of materials

- tear resistant for heaviest demands
- durable
- for drives with high torque

Standard widths

12 mm

21 mm

36 mm

62 mm

Special widths on request

8MDC dimensions (14MDC dimensions under development)

640	1000	1280	2000	2600	3280
720	1040	1440	2200	2800	3600
800	1120	1600	2240	2840	4000
896	1200	1760	2400	3048	4400
960	1224	1792	2520	3200	4480

Other sizes available on request

optibelt **DELTA CHAIN Carbon**
in cross section:



optibelt **ZRS DC TIMING BELT PULLEYS**
optibelt **DELTA CHAIN Carbon** timing belts run in standard ZRS DC, CTD and PC pulleys.



For our standard and special pulley range, visit:
www.optibelt.com/en/products/metal-products/

SERVICE

DATA SHEET SELECTOR

The data sheet selector gives you quick and easy access to online data sheets for the Optibelt product groups V-belts, rubber timing belts, PU timing belts and PU round belts.

Each data sheet can then be downloaded free of charge as a PDF file:
www.optibelt.com/data-sheet-selector/



DRIVE DESIGN

CAP 6.5

With this software, the user can design simple 2-pulley drives or calculate the correct timing belt for complicated multi-pulley drives.

Those who do not yet own CAP software can register using the following link:
www.optibelt.com/software-cap/



SUCCESS STORY

THE DRIVING FORCE BEHIND CHAMPIONS

The **optibelt DELTA CHAIN Carbon** is ideal for racing conditions. In the Formula Student racing car built by the **Mainfranken Racing team**, the high performance timing belt replaces conventional chain drives.

The racing car is driven by our strongest timing belt on the market: the **optibelt DELTA CHAIN Carbon**. The belt is made of high quality polyurethane with a wear-resistant fabric coating and an extremely resilient and low-stretch carbon tension cord.

The belt drive is slightly lighter than a chain drive and provides an extremely compact drive solution thanks to its high power density.



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TECHNICAL MANUAL

For more information on **optibelt DELTA CHAIN Carbon**, visit:

www.optibelt.com/en/products/pu-timing-belts/optibelt-delta-chain-carbon/

