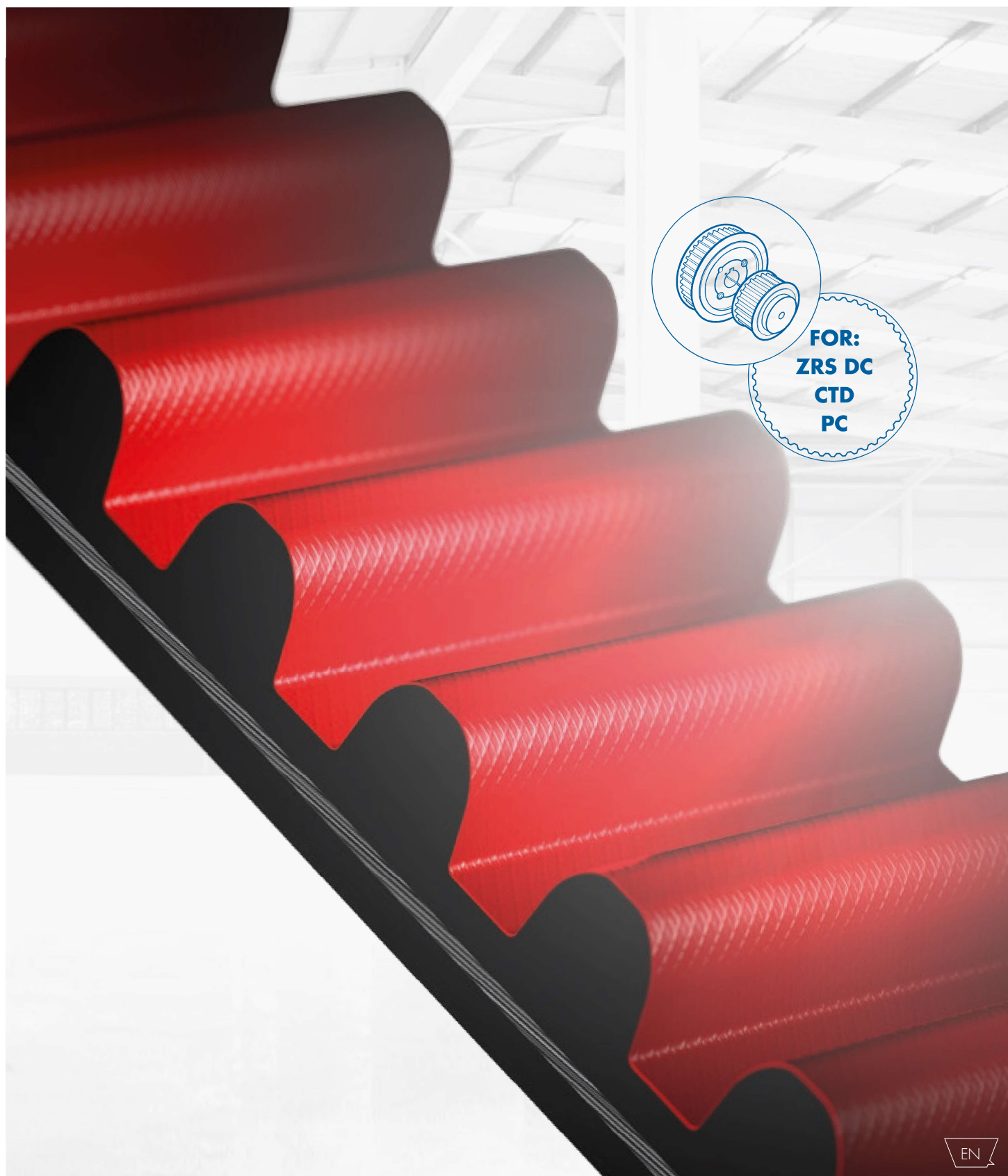




**POWER TRANSMISSION**  
**optibelt DELTA Chain**



# optibelt DELTA Chain

# HIGH PERFORMANCE POLY



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.

## A NEW GENERATION OF MATERIALS

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

## ADVANTAGES AND CHARACTERISTICS

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

## Standard widths (special widths on request)

8MDC	12 mm	21 mm	36 mm	62 mm	
14MDC	20 mm	37 mm	68 mm	90 mm	125 mm

## 8MDC dimensions (other dimensions available on request)

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

## 14MDC dimensions (\*no stock items / other dimensions available on request)

994*	1400	1960*	2520*	3136	4326*
1120*	1414	2100	2590*	3304*	4410*
1190	1568	2240*	2660*	3360*	
1260	1610*	2310*	2730*	3500*	
1302	1750	2380*	2800*	3850*	
1344*	1890*	2450*	2828*	3920*	

**optibelt DELTA Chain**  
in cross section:



## optibelt ZRS DC TIMING BELT PULLEYS

**optibelt DELTA Chain** 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/](http://www.optibelt.com/en/products/metal-products/)



# POLYURETHANE TIMING BELTS

## 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/](http://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/](http://www.optibelt.com/software-cap/)



## SUCCESS STORY

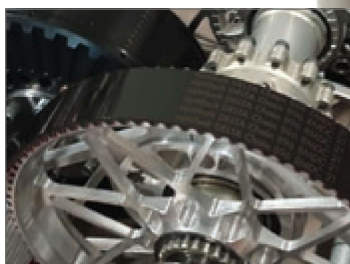
### THE DRIVING FORCE BEHIND CHAMPIONS

The **optibelt DELTA Chain** 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**. 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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