

High technology
for constructive ideas


optibelt
Power Transmission



ALPHA ATC

***Polyurethane timing belts
with flexible cleat system***

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- ✓ customised positioning of the cleats onsite
- ✓ quick and easy installation
- ✓ use of present cleats is possible

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optibelt ALPHA ATC

Users of the ATC system are able to install screw-on cleats quickly and easily via any tooth on-site. Using the ATC system, ATC inserts are placed in the applicable cut-out in the tooth in order to screw the screw-on cleat in place. These cut-outs are standard features for all teeth of the Optibelt ALPHA V timing belt in profile ATC10.

ATC inserts allow for the direct screwing-on of e.g. high-precision metal workpiece carriers without welded, specially manufactured cleats with inserts. Screw-on cleats are able to transmit more power than permanent cleats. Furthermore, the minimum pulley diameter is smaller despite the same connection size. Screw-on cleats for the ATC system are available on request.

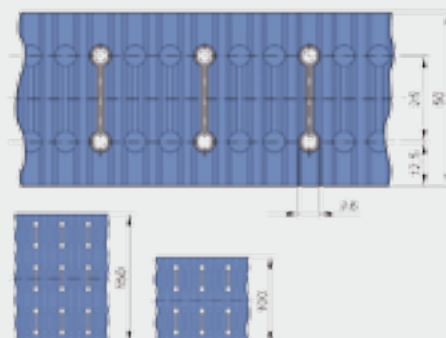
Advantages and standard characteristics

- customised positioning of the cleats on-site
- can be positioned via any tooth
- detachable connection, removable for the exchange of worn cleats, change of cleat shape
- twist-proof bar/cleat connection
- high stability via bar/clip mechanism
- quick and easy installation
- compatible connection size clip/cleats
- use of present cleats is possible
- quick punching of the belt top surface with the ATC punching tool or the ATC punch pliers

Examples of Applications

Customised screw-on cleats for machines such as:

- die carriers
- parallel or synchronous conveyors
- inclined conveyors
- indexing conveyors
- cleats made of materials other than polyurethane
- for frequently changing goods to be conveyed (shape, size)



Profile:

ATC10

Dimensions:

widths: 50/100/150 mm

Further dimensions on demand

Timing belt pulleys:

all standard timing belt pulleys
special pulleys on request