

# Case Study

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## Fiber Optic Spool

### Who

Optical fiber producer



### Problem

High pressure on fiber price, increasing production speed of winding machines for optical fiber and high quality demand in spool dimension increases the demand on the spool specification in these various areas.

### Solution

Based on the requests, we have designed a spool which meets all needed aspects with the major focus on form stability, low tolerances, and winding / off-winding performance.

The sensitive fiber will be not squeezed during the winding process and not stretched during off-winding.

### Result

The spool gives the fiber sufficient protection during production and transport which enables the customer to produce the optical fiber in the most economical way.

The significant cost saving are visible in a high success rate in customer's production and quality department. The reduced view of total cost is significantly underlined by reduced waste percentage of the optical fiber.