

**The new PowerMax® light:
Low-cost cam has supplemented standard cam series at STRACK**

The requirement of the automobile manufacturers to reduce the tooling costs is completely fulfilled by the newest member of the well-known PowerMax program. Under the motto "The new PowerMax® light – the simple solution" the standard part producer STRACK NORMA introduces its newest standard cam on the market, the low-cost alternative for product series, which are only running in low piece numbers or small series.

This new PowerMax® light series is designed for a service life of 250,000 - 750,000 strokes, which corresponds to the quality class 2. The user saves cash money in the purchase, however has the safety in the production due to sufficiently high forces. Also, the low spare part need by less components speaks for itself.

Already at the introduction of the PowerMax® standard cam in 2008 STRACK NORMA was confronted with the advanced modification of the cam requirements on the market.

On the one side there were the considerably higher number of pieces which were required by platform concepts, on the other side simultaneously the model range of the automobile manufacturers was growing. Therefore, new concepts for the reduction of the processing time in the toolmaking were necessary. In addition, more and more high-strength sheets are used which are leading the tool components to their load limits.

The PowerMax® standard program from the company STRACK completely meets these requirements and gives at the same time with its three unique designs "Basis", "Medium" and "Premium" each designer a high degree of flexibility in the construction. With this standard program piece numbers with far more than 1,000,000 strokes (quality class 3) can be achieved without problems.

Challenges due to very limited spaces resulted in 2015 in the new cam generation 2.0. This supplement to the PowerMax® compact program characterizes by its design which is 30 % shorter and partly leads to the saving of complete tools. But due to the many derivatives of the automobile manufacturers there are also product series which are only running in low piece numbers. Here, for the reduction of the tooling costs, a reliable cam is required, which provides sufficiently high forces, but simultaneously not burdens the purse too much.

The new PowerMax® light program focuses exactly on these application cases.

Greatest emphasis was put on the compatibility of the external dimensions and the screw holes with the existing PowerMax® standard program. Savings could among other things be achieved by a new patented flat guide. A guide directly against the casting, paired with the reduction of components and a simplified machining result here in a considerable price reduction.

The new standard cam is in the dimensions compatible to the PowerMax® standard cam program. After a successful test phase in the VW group, the new PowerMax® light is meanwhile included in the listing of the car manufacturer.