



**THE
CLEAR
CHOICE** FOR THE
**MEDICAL
COMPONENT
INDUSTRY**



We develop
innovative cutting oils
for the high-pressure
delivery systems

EXTREMELY easy to clean

Due to the absolute purity necessitated by the Medical Implant Industry, the Hangsterfer's Hard Cut Series, NG Series, PC Series and CC Series are made with severely hydrogen treated naphthenic base oils; Poly Alpha Olefins and vegetable oils. The purity of these oils ensures low part adhesion, which translates into low particle count (LPC) and limited nonvolatile residue.

EXTENDED tool life

Hangsterfer's is best known for quality and precise design for the Swiss-Style Screw machine industry. Our products reflect the synchronization of industry demands and metalworking lubricant technology. The selection of the proper cutting oil to match the application will have a significant impact on the tool life. Matching extreme pressure additive demands to applications and viscosity is the science behind the formulation of neat cutting oils.

SUPERIOR surface finish

Superior surface finishes are a result of adequate heat and pressure reacting additives and polar components in the cutting oil. Hangsterfer's understands how the energy displacing capabilities of the additives and the interaction with the materials will ensure great finishes.

HEALTH, safety & environmental impact

Hangsterfer's commitment to high performance is equaled only by our commitment to health, safety and environmental responsibility. The environmental and human impact is the most important aspect related to the boundaries of our research and development.

HIGH pressure fluid delivery

As the world leader of cuttings oils for the Swiss-Style Screw machine industry, we invented the cutting oils for high-pressure systems. Selecting the right lubricant to match the needs of your equipment is as important as any other aspect.



Our products will exceed your expectations without compromise to **health, safety or environmental concerns.**



HARD-CUT SERIES

The world's most recognized and industry approved cutting oils for the Swiss-Style screw machine industry.



HARD-CUT NG SERIES

The Next Generation of performance for the most critical and demanding applications presented to the medical industry today.



PC SERIES

Carbon neutral and completely renewable vegetable oil, without compromise to performance or safety.



CC SERIES

Value engineered for the less critical or demanding application.

02
03

The selection of the proper cutting oil to match the application will have a significant impact on the entire process.

INNOVATIVE TECHNOLOGY PROVES ITSELF WITHIN THE MEDICAL COMMUNITY

Since 1937, Hangsterfer's has specialized in the development of the highest quality, high performance and non-hazardous metalworking lubricants.

Hangsterfer's is well recognized for quality and performance of lubricants in the Swiss-style screw machine industry. Our technology guarantees vital lubrication to the tool-work piece interface, improving tool life and process stability that excels on materials used in the medical industry.



We are at home throughout the world – and near you.
We speak your language. Take our word.



● Stock & Sales Location
● Sales Location

HANGSTERFERS®
Research, Development & Manufacturing of Metalworking Lubricants

Our service locations in all major countries and a network of more than 100 distributors worldwide makes sure we are near you - wherever that may be. For you this translates into fast response times, on-site support and competent staff familiar with your location.

Hangsterfer

Hangsterfer GmbH

Adlerstraße 14 | 90403 Nürnberg | Germany

Tel.: +49 (0) 911 37 85 73 70

Fax: +49 (0) 911 37 85 73 71

E-Mail: info@hangsterfer.de

www.hangsterfer.de

HANGSTERFERS.com

Follow us!

