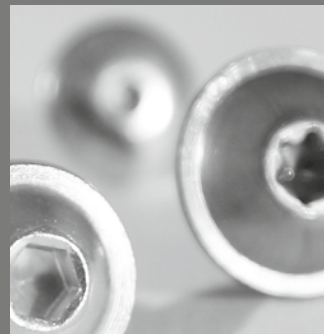
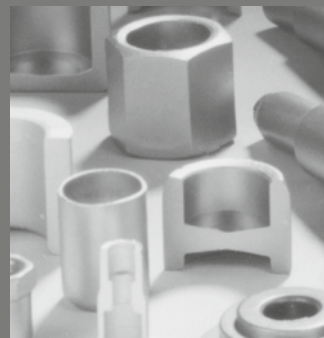


Hilgeland
Kieserling
MRP
Nutap

Precision Parts Forming Machinery



Cold Formers

HD
HE



HD
HE



Cold Former HD HE

- Type HILGELAND
- (1-die-1-blow)
- (1-die-2-blow)
- Typical application:
bolts, screws, rivets, cold formed parts
- Wire range \varnothing 1 – 7 mm

ND



ND



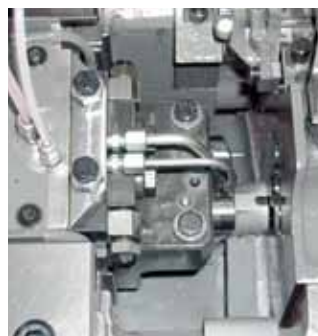
Cold Former ND

- Type WAFIOS
- Simultaneous pre and finish heading operation at both sides of blank
- High volume production of screw blanks and similar products
- Wire range \varnothing 2.2 – 5.2 mm

HC



HC



Cold Former HC

- Type HILGELAND
- (1- die-2-blow)
with 3 dies in a rotating block
- For super efficient production of screw, bolt and rivet blanks
- Wire range \varnothing 1 – 6 mm

CF2N



CF2N



Cold Former HCF / CF2N

- Type HILGELAND
- (2-die-3-blow)
- For the production of short length, difficult parts to form and transfer
HCF with rotating die-block
CF2N with a wide range of applications
- Wire range \varnothing 2 – 10 mm

Cold Formers



BR



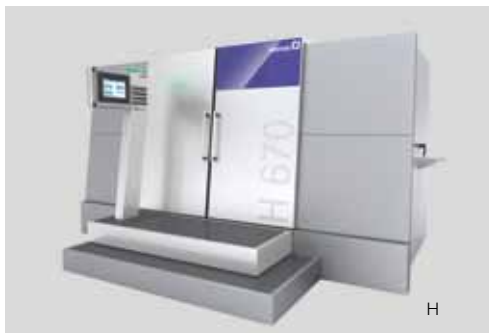
BR



Cold Former BR

- Type KIESERLING
- 1-die-1-blow or with 3 forming stations
- Typical application: high precision bearing components such as balls and rollers or other short stroke parts
- Balls \varnothing 16 – 33 mm,
- Rollers \varnothing 12 – 32 mm

H
K



H



Cold Former H K

- Type KIESERLING
- 5 or 6 forming stations
- Typical application: high precision complex shapes in small to medium diameters
- Wire range \varnothing 3 – 16 mm

MSF
10



MSF10



Cold Former MSF 10

- Type WAFIOS
- 6 forming stations
- Typical application: High precision complex shapes in small diameters
- Wire range \varnothing 1.0 – 4.0 mm

SMR



SMR



Heading Center SMR

- Type WAFIOS
- Rotary table machining center combining cold heading, milling and thread rolling functions
- Typical application: high precision miniature screws or micro parts
- Wire range \varnothing 1.5 – 2.6 mm

Machines for Secondary Operations

FN
FW
GW



Thread Roller (flat die)

FN FW GW

- Type HILGELAND/WAFIOS
- Typical application: threading, knurling, formrolling
- Shaft size M4 – M12

SKM



Automatic Pointer SKM

- Type HILGELAND
- Shaft size Ø 2 – 12 mm
- Shaft length 10 – 220 mm

UNT



**Nut Tapper UNT
(one spindle)**

- Type NUTAP
- Typical application: tapping, drilling and countersinking of special nuts
- Thread range M3 – M20

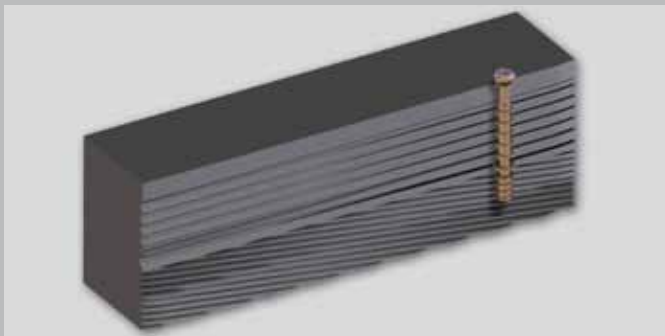
MAS



**Nut Tapper MAS F
(two spindle)**

- Type NUTAP
- Typical application: tapping and drilling of nuts
- Thread range M3 – M24

Thread Rolling Dies Tool-Engineering



Thread Rolling Dies

WAFIOS Umformtechnik manufactures a wide variety of quality dies for cold flat die rolling of threads and special profiles. Special dies can be manufactured to your specifications or developed in cooperation with you to meet your specific requirements.

Tool-Engineering

WAFIOS Umformtechnik is among the leading manufacturers of innovative machine technology and tools for cold and warm forming. Our experience in tool-engineering is for your advantage. Tools designed from WAFIOS are optimized for your products and production process and convince with high performance, precision and economic efficiency.

The Result: Using Tool-Engineering from WAFIOS Umformtechnik you expand your advantage of productivity and quality regarding your competition.



Tool-Engineering

Service



Knowledge beats guesswork

As the manufacturer of your machines, our service experts at WAFIOS Umformtechnik know them inside out. This knowledge, the latest know-how and decades of process experience are the foundations of our services. You will benefit from our sustainable knowledge as producers. Take advantage of our nearly 100 years of expertise in machine and plant construction and from 50 years of international service experience.

Overview of our services for you

- Worldwide service from qualified technicians
- Repairation of machine elements
- 1000 hours service after start-up
- Retrofit or modernization of safety equipment
- Change over of complete electronic control panel (example Siemens S5 to S7)
- Inspection and maintenance contracts at fixed prices
- Spare parts service for all types of constructed machines delivered by courier and parcel service, or available for pick up
- Spare parts for current machines available from stock
- Extensive spare parts stock for older generations of machines
- Components and parts made from original drawings for all series
- Development of plans and implementation stages in tooling drawings
- Optimization of existing processes
- Training of your operators and maintenance employees
- Teleservice
- Online support for electronic problems
- Installation of software updates
- 24 hours availability / 7 days a week
- Remanufacturing and upgrading

Hilgeland
Kieserling
MRP
Nutap



WAFIOS
Umformtechnik GmbH

Im Rehsiepen 35, 42369 Wuppertal
Phone +49 (202) 46 68-0
Fax +49 (202) 46 68-225

sales@wafios-umformtechnik.de
www.wafios-umformtechnik.de
Germany

The specifications are not binding as these could vary on account of technical developments.

03.2012