TOOLS

dressing and grinding tools

KAPP NILES
precision for motion
KAPP manufactures non-dressable, electroplated CBN and diamond grinding tools for hard and soft finishing of gears and profiles. In addition, there are dressing tools for dressing of ceramic or CBN tools in the product line. KAPP grinding tools have the best reputation since more than 30 years worldwide guaranteeing highest quality, efficiency and economic grinding.

dressing tools

profile grinding
diamond form rolls
sintered design for dressing of vitrified profile grinding wheels

Either as an economic version with natural diamond or as a long life tool with handset CVD diamond. These tools can be reground several times and exhibit high tool life.

gear honing
diamond dressing gears
for profile dressing of vitrified honing rings

Also available as a set with DDG and integrated tip dressing roll.

generating grinding
diamond profile rolls and -form rolls
for flexible or topological dressing of vitrified or dressable CBN worms for the continuous generating grinding of external gears.

For serial production an integrated tip dresser is used for defined grinding of the gear root area.

multi-ribbed diamond profile rolls
for high efficiency dressing of vitrified grinding worms in large batch production.

grinding tools

CBN profile grinding wheels
single or multi-ribbed roughing and finishing wheels suitable for:
- grinding of external and internal gears
  for automotive and aircraft industry
- radial, screw, rotor and
  worm profile wheels
- high speed grinding of profiles and gears
- lunge grinding, abrasive cutting, cylindrical grinding

CBN grinding worms
roughing and finishing worms in cylindrical form for high efficient grinding of gears and other profiles as well as in globoidal form for grinding external gears with interfering contours.

Grinding worms and profile wheels are often used in combination.

diamond coroning rings and -gears
suitable for coroning of external and internal gears as well as shoulder gears, even with small crossed axes angle.
KAPP NILES

E-Mail: info@kapp-niles.com
Internet: www.kapp-niles.com

KAPP Werkzeugmaschinen GmbH
Callenberger Straße 52
96450 Coburg
Germany
Phone: +49 9561 866-0
Fax: +49 9561 866-1003

NILES Werkzeugmaschinen GmbH
Nordring 20
12681 Berlin
Germany
Phone: +49 30 93033-0
Fax: +49 30 93033-4003

KAPP Technologie GmbH
Gärtnersleite 2
96450 Coburg
Germany
Phone: +49 9561 866-0
Fax: +49 9561 866-2003

KAPP NILES Metrology GmbH
Nordring 52
63762 Großostheim
Germany
Phone: +49 9561 866-3600
Fax: +49 9561 866-3699

KAPP TECHNOLOGIES L.P.
2870 Wilderness Place
Boulder, CO 80301
USA
Phone: +1 303 447-1130
Fax: +1 303 447-1131

KAPPTEC INDÚSTRIA E COMÉRCIO DE MÁQUINAS E FERRAMENTAS LTDA.
Rua Solimoes, 60
09930-570 Diadema S.P.
Brazil
Phone: +55 11 4091-5355
Fax: +55 11 4091-5355

KAPP ASIA TECHNOLOGIES (JIASHAN) CO., LTD.
Kapp Road 8
DaYun Industry Zone
JiaShan 314113 ZheJiang
P.R. China
Phone: +86 573 8466-3888
Fax: +86 573 8466-3666

KAPP NILES Russland LLC
Warschavskoye Chaussee 42
Office 2320/1
115230 Moscow
Russia
Phone: +7 495 150-31-78