

CENTERLESS-RESIN

NanoWin®



A new benchmark in Centerless Grinding

- lower grinding costs
- higher material removal rates
- shorter grinding times
- longer dressing cycles
- increased wheel life
- reduced metal loading

Technical features

- applicable for a wide range of materials
- excellent coolant resistance
- high grinding performance
- available for all brands of Centerless Grinders

Case History

Work

Ø 5 - 20 mm
Length 3000 - 4500 mm

Material

DIN 2.4631, DIN 1.4871,
DIN 1.4944 LW, DIN 1.4057

Grinding machine

Wedalko Centerless Grinder

P = 58 KW

$V_s = 50$ m/s

$V_t = 9 - 12$ m/min

Coolant: Emulsion 4%

Dressing: singlepointed diamond, subsequent
to mounting and balancing

Grinding wheel

T1 - 660 x 227 x 304,8
33N70 Q7 B23S

Result

G-Ratio: + 30% (compared with standard)

Austria

Rappold Winterthur
Technologie GmbH
St.-Magdalener Straße 85
P.O.B. 52
A-9500 Villach
Telephone +43 (0)4242/41 811-0
Facsimile Inland +43 (0)4242/41 811-700
Facsimile Export +43 (0)4242/41 811-701
E-Mail office@rappold-winterthur.at

Germany

Winterthur Schleiftechnik GmbH
Hundsschleestraße 10
D-72766 Reutlingen
Telephone +49 (0)7121/93 24-0
Facsimile +49 (0)7121/93 24-24
E-Mail info@rappold-winterthur.de

Switzerland

Winterthur Schleiftechnik AG
Oberer Deutweg 4
P.O.B. 56
CH-8411 Winterthur
Telephone +41 (0)52/234 41 41
Facsimile +41 (0)52/232 51 01
E-Mail wst@rappold-winterthur.com

USA

Winterthur Corporation
10 Viking Roades Street
Webster, MA 01570
Telephone +1 508/949 10 61
Facsimile +1 508/949 20 86
E-Mail winterthurusa-cs@att.net

Finland

Rapoflex Oy
Vitikka 1D
PL 122
SF-02631 ESPOO
Telephone +358 (0)9/549 98 700
Facsimile +358 (0)9/549 98 710
E-Mail rapoflex@rapoflex.fi
website www.rapoflex.fi

Sweden

SlipNaxos AB
SE-593 83 Västervik
Telephone +46 (0)490/843 00
Facsimile +46 (0)490/146 00
E-Mail support@slipnaxos.se
website www.slipnaxos.se

Czech republic

Rappold Brno s.r.o.
Mařikova 1
CZ-621 00 Brno
Telephone +420 (0)5/41 229 071
Facsimile +420 (0)5/41 229 070
E-Mail info@rappold-winterthur.cz
website www.rappold-brno.cz

France

Winterthur Technologie
France Sarl
31, Rue des Jardins
F-68000 Colmar
Telephone +33 (0)3 89 24 01 31
Facsimile +33 (0)3 89 24 07 26
E-Mail france@winterthur-tech.fr
website www.winterthur-tech.fr

Slovenia

Rappold Winterthur
brusilna tehnika d.o.o.
Ulica Mirka Vadnova 19
SI-4000 Kranj
Telephone +386 (0)4/23 40 679
Facsimile +386 (0)4/23 40 678
E-Mail office@rappold-winterthur.si
website www.rappold-winterthur.si

Poland

Rappold Winterthur
Technika Szlifierska
ul. Borowa 1
PL 41-250 Czeladz
Telephone +48 32 763 45 00
Facsimile +48 32 763 45 01
E-Mail info@rappold-winterthur.pl

The information contained in this brochure is subject to change without prior notice. The information and recommendations set forth herein are taken from sources believed to be correct as of the date of printing. Rappold Winterthur, however, makes no warranty with respect to the accuracy of the information or the suitability of said recommendations and assumes no liability to any user thereof.