

WE CO-CREATE YOUR LIVING SPACE



DIA polycrystalline diamond tools

Spiral arrangement of PCD tips used in router bits ensures better cutting conditions and a perfect quality of surface in machined materials and guarantees quiet operation and a very low workload of CNC cutting centres.

Router bits are manufactured in accordance to up-to-date design which incorporates the PCD helix in at least three spirals. The main advantage of these tools is an increased efficiency and a better surface quality of machined materials.

The amount, arrangement and size of PCD tips provide a continuous contact of router bits with material and ensure the best quality of the edges in a machined part. A wide range of router bits with PCD tips is supplemented by a variety of profiled tools manu-

red at the customer's request, in accordance with a drawing or a tool's specimen as well as main circular saws and scoring saws (scorers).

Creating such an extensive range of diamond tools for our customers, we aim at catering for the needs of users of cutting products with a mixture of quality, price and high efficiency and durability. Outstanding features and design of our tools are confirmed by their use on many production lines in Poland and Europe. All tools are additionally provided with a microcut on PCD tips. The microcut is an additional sharpening of a tip in the PCD layer which aims at the best possible smoothness of the cutting edge. All tools offered by our company are covered with a special layer of technical chromium and permanently laser marked.



ROUTER BITS DIA UNO TOP 3 ECO

- ☑ Router bits used for machining of hard materials such as chipboards, MDF and HDF boards, hard domestic and exotic wood.
- ☑ Shape of the cutting edges guarantees the best results in machining of homogeneous and coated materials (permanently bound).
- ☑ Can be used for drilling in material, tenoning and hobbing.
- ☑ Tools for machining with a mechanical feed.



» DO YOU KNOW THAT?

- Additionally, the direction of chips' ejection from the router bit can be selected. The chips are precisely ejected in a desired direction so they would not interrupt further manufacturing operations, especially in CNC cutters with a direct veneering of the short lengths.

INDEX	INFO	Price
DI010-1012-0001	DIA-"UNO TOP 3 eco" 10x25/d=12/H=75/1+1	71,35
DI010-1212-0001	DIA-"UNO TOP 3 eco" 12x25/d=12/H=80/1+1	71,35
DI010-1212-0002	DIA-"UNO TOP 3 eco" 12x35/d=12/H=85/1+1	94,95
DI010-1212-0003	DIA-"UNO TOP 3 eco" 12x43/d=12/H=85/1+1	118,50
DI010-1616-0001	DIA-"UNO TOP 3 eco" 16x25/d=16/H=80/1+1	71,35
DI010-1616-0002	DIA-"UNO TOP 3 eco" 16x35/d=16/H=85/1+1	94,95
DI010-2020-0002	DIA-"UNO TOP 3 eco" 20x35/d=20/H=95/1+1	94,95
DI010-2020-0003	DIA-"UNO TOP 3 eco" 20x43/d=20/H=100/1+1	118,50
DI020-2020-0006	DIA-"UNO TOP 3" 20x27/d=20/85/1+1	127,05

ROUTER BITS DIA TOP 1

- ☑ Router bits used for machining of wood derivatives (laminated and raw chipboard, MDF and others).
- ☑ Modern manufacturing technology of the body ensures improved operation and efficiency and a proper discharge of chips.
- ☑ Tools for making grooves, rabbets, slots, for example when milling for shutters.



INDEX	INFO	Price
DI090-0808-0001	DIA-"TOP 1" 8x10/d=8/H=80/1 HM	103,75
DI090-0808-0003	DIA-"TOP 1" 8x10/d=8/H=80/1 steel	45,60

ROUTER BITS DIA DUO TOP 4 ECO



- ☑ Router bits used for machining of hard materials such as chipboards, MDF and HDF boards, hard domestic and exotic wood.
- ☑ Shape of the cutting edges guarantees the best results in machining of homogeneous and coated materials (permanently bound).
- ☑ Can be used for drilling in material, tenoning and hobbing.
- ☑ Tools for machining with a mechanical feed.

» DO YOU KNOW THAT?

- Working with DUO TOP 4 router bits can be done with a mechanical feed up to 10 m/min and the lifetime of tools calculated in running meters exceeds that of competitors.
- Not only do the DUO TOP 4 series router bits work more efficiently but they also increase manufacturing capacity through a faster feed up to 20% in comparison to similar solutions.
- Due to the implemented design, the router bits are less prone to mechanical damage of the cutting edges caused by impurities in the machined materials, especially in chipboard.

INDEX	INFO	Price
DI030-1212-0001	DIA-"DUO TOP 4 eco" 12x25/d=12/H=80/2+1	147,10
DI030-1616-0001	DIA-"DUO TOP 4 eco" 16x25/d=16/H=80/2+1	147,10
DI030-1616-0002	DIA-"DUO TOP 4 eco" 16x34/d=16/H=85/2+1	196,15
DI030-1616-0003	DIA-"DUO TOP 4 eco" 16x42/d=16/H=90/2+1	245,15
DI030-1820-0002	DIA-"DUO TOP 4 eco" 18x34/d=20/H=95/2+1	196,15
DI030-2020-0002	DIA-"DUO TOP 4 eco" 20x34/d=20/H=95/2+1	196,15
DI030-2020-0009	DIA-"DUO TOP 4 eco" 20x26/d=20/H=85/2+1 (WEN)	134,65



ROUTER BITS DIA TOP 4 TURBO



- ☑ Router bits used for machining of hard materials such as chipboards, MDF and HDF boards, hard domestic and exotic wood.
- ☑ Shape of the cutting edges guarantees the best results in machining of homogeneous and coated materials (permanently bound).
- ☑ Can be used for drilling in material, tenoning and hobbing.
- ☑ Recommended for heavy-duty operations and high values of feed.
- ☑ Tools for machining with a mechanical feed.

INDEX	INFO	Price
DI080-2525-0002	DIA-"TOP 4 TURBO" 25x36/d=25/H=100/4+1	480,50

ROUTER BITS DIA DUO TOP 3 ECO

- ☑ Router bits used for machining of hard materials such as chipboards, MDF and HDF boards, hard domestic and exotic wood.
- ☑ Shape of the cutting edges guarantees the best results in machining of homogeneous and coated materials (permanently bound).
- ☑ Can be used for drilling in material, tenoning and hobbing.
- ☑ Tools for machining with a mechanical feed.



DO YOU KNOW THAT?

- Working with DUO TOP 3 router bits can be done with a mechanical feed up to 10 m/min and the lifetime of tools calculated in running meters exceeds that of competitors.
- Not only do the DUO TOP 3 series router bits work more efficiently but they also increase manufacturing capacity through a faster feed up to 20% in comparison to similar solutions offered by competitors.
- Due to the implemented design, the router bits are less prone to mechanical damage of the cutting edges caused by impurities in the machined materials, especially in chipboard.

INDEX	INFO	Price
DI050-1212-0002	DIA- "DUO TOP 3 eco" 12x34/d=12/H=95/2+1	172,90
DI050-1616-0001	DIA- "DUO TOP 3 eco" 16x26/d=16/H=80/2+1	172,90
DI050-1616-0002	DIA- "DUO TOP 3 eco" 16x43/d=16/H=100/2+1	284,15
DI050-1616-0003	DIA- "DUO TOP 3 eco" 16x34/d=16/H=95/2+1	213,75
DI050-1620-0004	DIA- "DUO TOP 3 eco" 16x34/d=20/H=95/3+1	213,75
DI050-1820-0001	DIA- "DUO TOP 3 eco" 18x26/d=20/H=80/2+1	172,90
DI050-1820-0002	DIA- "DUO TOP 3 eco" 18x34/d=20/H=95/2+1	213,75
DI050-2020-0002	DIA- "DUO TOP 3 eco" 20x34/d=20/H=100/2+1	213,75
DI050-2020-0002	DIA- „DUO TOP 3 eco" 20x34/d=20/H=100/2+1	213,75

DIA CIRCULAR SAW

- ☑ Saws for cutting and tenoning of wood derivatives (laminated and raw chipboard, MDF and others) on vertical, horizontal sawing machines and panel tenoners.



INDEX	INFO	Price
DI300-0180-0001	PCD 180x50x3,2/2,2/32z GM10 holes 3x22/80	318,80
DI300-0200-0002	PCD 200x80x4,0/3,0/36z GM5 holes 3x22/110	392,90

ROUTER BITS DIA QUATTRO TOP 4 SPECIAL



DO YOU KNOW THAT?

- Additionally, the direction of chips' ejection from the router bits can be selected. The chips are precisely ejected in a desired direction so they would not interrupt further manufacturing operations, especially in CNC cutters with a direct veneering of the short lengths.

INDEX	INFO	Price
DI084-2520-0001	DIA- "QUATTRO TOP 4" special 25x25/d=20/4+4	453,85

- ☑ Router bits for machining of veneered and laminated boards which ensure a perfect quality of the top and bottom edges. In case of hard domestic or exotic wood, a high quality of the machined surface is obtained.
- ☑ Recommended for heavy-duty operations and high values of feed and materials such as chipboards, MDF and HDF boards.
- ☑ Shape of the cutting edges guarantees the best results in machining of homogeneous and coated materials (permanently bound).
- ☑ Can be used for drilling in material, tenoning and hobbing.
- ☑ Tools for machining with a mechanical feed.



PROFILING ROUTER BITS DIA



INDEX	INFO	Price
DI120-3012-0001	Shaped DIA 30x8/d=12/8 with a grooving saw	104,40
DI120-3425-0001	Shaped DIA 34x16-35/d=25/90/2	256,10
DI120-5020-0001	Shaped DIA 50x25/d=20/90/2	199,00

- ☑ Router bits used for shape machining of hard materials such as chipboards, MDF and HDF boards, hard domestic and exotic wood.
- ☑ Shape of the cutting edges guarantees the best results in machining of homogeneous and coated materials (permanently bound).
- ☑ Tools for machining with a mechanical feed.



CONICAL SCORING SAW BLADES DIA

- ☑ Scoring saw blades used for machining of wood derivatives (laminated and raw chipboard, MDF and others).
- ☑ Conical scoring saw blades can be used in horizontal and panel tenoners with adjustable height of the undercutting spindle.



INDEX	INFO	Price
DI311-0125-0003	Conical scoring saw blade DIA 125x22x3,0÷4,0/2,5/24z GR10 H=4	302,20
DI311-0125-0004	Conical scoring saw blade DIA 125x20x3,1÷4,0/2,5/24z GR10 H=4	302,20
DI311-0125-0005	Conical scoring saw blade DIA 125x22x3,1÷4,0/2,5/24z GR10 H=4	302,20

SEGMENTAL SCORING SAW BLADES DIA

- ☑ Scoring saw blades used for machining of wood derivatives (laminated and raw chipboard, MDF and others).



INDEX	INFO	Price
DI316-0125-0001	Segmental scoring saw blade DIA 125x20x2,8÷3,6/2x12z GS H=4	263,40
DI316-0125-0002	Segmental scoring saw blade DIA 125x22x2,8÷3,6/2x12z GS H=4	263,40

COMPACT HEADS DIA PROGRESSIVE



INFO	INDEC	Price
DI410-0250-0001	DIA PROGRESIVE 250x80x14/(24+24)	947,10

- ☑ Heads for use in one- or two sided tenoners, for concurrent operation with a production line.
- ☑ Tools can be used for machining of a wide array of materials for thicknesses over 6 mm.
- ☑ Intended for machining of laminated, raw or veneered chipboard or MDF board for a very high quality of the machined boards.
- ☑ Can be used in the following set-up: double head or scoring saw blade-head.

CYLINDER BORING BITS DIA / THROUGH BORING BITS DIA



INDEX	INFO	Price
DI500-3510-0002	Cylinder boring bits DIA 35x70/S=10/2+2	281,30
DI510-1010-0002	DIA through boring bits DIA 10x70/S=10/1 right-sided	69,00

- ☑ DIA boring bits for multi spindle or stationary drilling machines or CNC machining centres - intended for machining of laminated, raw or veneered chipboard or MDF board.



HEADS FOR EDGEBANDERS DIA TOP-CUT 1 ECO



INDEX	INFO	Price
DI210-0100-0002	DIA-"TOP-CUT 1 eco" 100x30/B=32/3+3 right	380,30
DI210-0100-0005	DIA-"TOP-CUT 1 eco" 100x30/B=48/3+3 left	328,75

- ☑ Heads for machining of wood derivatives (laminated and raw chipboard, MDF and similar) in specialized one- and two-spindle edgebanders.



CLAMPS FOR CNC HOLDERS / CNC HOLDERS



INDEX	INFO	Price
DI990-0000-0003	Accessories - clamp R32 d=12mm	12,30
DI990-0000-0004	Accessories - clamp ER40 d=20mm	18,25
DI990-0000-0005	Accessories - clamp ER40 d=16mm	18,25
DI990-0000-0006	Accessories - clamp ER40 d=12mm	18,25
DI990-0000-0008	Accessories - clamp EOC25 d=25mm	23,30
DI990-0000-0012	HYDRO grip for DI410-0250-0001	457,60
DI990-0000-0016	Accessories - clamp ISO30 EOC25 H=70	55,70
DI990-0000-0021	Accessories - clamp ER32 d=8mm	8,80
DI990-0000-0024	Accessories - screw for M4x8 router bit DI110	1,15



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бул. Акад. Иван Гешов 2Е,
сграда 3, ет.2 офис 206-А
тел./факс: 02/973 21 72
e-mail: clients@koelner.bg

CZECH REPUBLIC
Koelner CZ s.r.o
Komerční Park Tulipan
Palackého 1154/76a (hala T3)
702 00 Ostrava-Privoz
ph: +420 596 636 397
fax: +420 596 636 398
e-mail: ИИФО@koelner.cz
www.koelner.cz

FRANCE
RAWL France
ZI Mitry-Compans
12-14 Rue Marc Seguin
77290 Mitry-Mory
ph: +33(0)1 60 21 50 20
fax: +33(0)1 64 67 19 84
e-mail: rawl@rawl.fr
www.rawl.fr

GERMANY
Koelner Deutschland GmbH
Lutherstr. 54
73614 Schorndorf
ph: +49(0) 71 81 97 77 20
fax: +49(0) 71 81 97 77 222

HUNGARY
Koelner Hungária Kft.
Jedlik Ányos u. 34
2330 Dunaharaszti
ph: +36 24 520 400
fax: +36 24 520 401
e-mail: ИИФО@koelner.hu
www.koelner.hu

HUNGARY
Fairtool Ltd. Trading and Service Company
1101 Budapest, Kőbányai út 47/b
1476 Budapest, Pf. 237
Ph. +36 1 260 80 25
ext. 114/115/120/126/130
Fax: +36 1 261 9561
www.fairtool.hu

IRELAND
Rawlplug Ireland Limited
Unit 10 Donore Business Park
Donore Road, Drogheda
Co Louth
ph: +353 01 625 19 50
fax: +353 01 625 19 48
e-mail: custserv@rawlplug.ie
www.rawlplug.ie

KAZAKHSTAN
KOELNER KAZAKHSTAN LTD
Suyunbaya 50
tel: +7 7272 3821749
факс: +7 7272 3821884

LITHUANIA
UAB Koelner Vilnius
Žarijų g. 2
LT-02300, Vilnius
tel: +370 5 2324862
факс: +370 5 2324933
www.koelner.lt

REPUBLIC OF SOUTH AFRICA
T&I Chalmers Engineering (PTY) LTD.
20 Wynberg Road, Kew 2192
ph: 011 887 85 33
fax: 011 887 42 56
e-mail: ИИФО@tichalmers.co.za
www.tichalmers.co.za

ROMANIA
Koelner Romania SRL
Str. Drumul intre Tarlale nr: 160-174, sec. 3,
Logistic Apollo Center
032982 Bucuresti
ph: 031 225 20 94
e-mail: comanda@koelner.ro

RUSSIA
OOO „Koelner Trading KLD“
4-ya Bolshaya Okruzhnaya 1A
236009 Kaliningrad
tel: +7 4012 573 834
тел.: +7 4012 573 826
факс: +7 4012 573 880
e-mail: koelnerkld@mail.ru
www.koelner-trading.ru

RUSSIA
ООО Глобус Северо-Восток
141004 Московская область,
г. Мытищи
ул. Силикатная дом 36-А
Тел./факс: (495) 988-50-73
e-mail: globus-sv2007@yandex.ru
www.globus-sv.ru

SLOVAKIA
KOELNER Slovakia, s.r.o.
Dlhá 95
010 09 Žilina
ph/fax: +421 41/5003 900
Objednávky: +421 948 704 901
objednavky@koelnersk.sk
ИИФО@koelnersk.sk
www.koelnersk.sk

SWEDEN
Rawl Scandinavia AB
Baumsgatan 4
S-593 32 Västervik
mob. +46(0)702 311 176
e-mail: karol.janowicz@koelner.pl

UKRAINE
Koelner Ukraine
vul. Naukova 3a
79060 Lviv
www.koelner.ua

UNITED ARAB EMIRATES
Koelner-Rawlplug Middle East FZE
P.O. Box 261024
Jebel Ali Free Zone, Dubai
ph: +971 4 8839501
fax: +971 4 8839502
e-mail: dubai@rawlplug.co.uk

UNITED KINGDOM
Rawlplug Ltd
Skibo Drive
Thornliebank Industrial Estate
Glasgow G46 8JR
ph: +44(0) 141 638 79 61
fax: +44(0) 141 638 73 97
e-mail: rawl@rawlplug.co.uk
www.rawlplug.co.uk