## NEW PRODUCTS

<table>
<thead>
<tr>
<th>HEAVY DUTY (ø3.2mm)</th>
<th>6-7</th>
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<tbody>
<tr>
<td>Noga Burr 3</td>
<td></td>
</tr>
<tr>
<td>Noga Burr 5</td>
<td></td>
</tr>
<tr>
<td>Super Burr</td>
<td></td>
</tr>
<tr>
<td>Edge Off</td>
<td></td>
</tr>
<tr>
<td>Rapid Burr</td>
<td></td>
</tr>
<tr>
<td>Nogagrip 1 Handle</td>
<td></td>
</tr>
<tr>
<td>Nogagrip 3 Handle</td>
<td></td>
</tr>
<tr>
<td>S Holder</td>
<td></td>
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<tr>
<td>N Blades</td>
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<table>
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<tr>
<th>LIGHT DUTY (ø2.6mm)</th>
<th>8-9</th>
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<tbody>
<tr>
<td>Magic Burr 2</td>
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<tr>
<td>Magic Burr 4</td>
<td></td>
</tr>
<tr>
<td>Tele Burr</td>
<td></td>
</tr>
<tr>
<td>TeddyBurr</td>
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<tr>
<td>Nogagrip 2 Handle</td>
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<tr>
<td>Nogagrip 3 Handle</td>
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<tr>
<td>N Holder</td>
<td></td>
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<tr>
<td>N Blades</td>
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<thead>
<tr>
<th>COUNTERSINKS</th>
<th>10-11</th>
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<tbody>
<tr>
<td>Countersinks</td>
<td></td>
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<tr>
<td>Reversible</td>
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<tr>
<td>Nogagrip 3 Handle</td>
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<tr>
<td>C Holder</td>
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<td>N Blades</td>
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<thead>
<tr>
<th>ROTODRIVE COUNTERSINKS</th>
<th>12-13</th>
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<tr>
<td>10.4 Rotodrive</td>
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<tr>
<td>External Rotodrive</td>
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<tr>
<td>Heavy Duty Int. Rotodrive</td>
<td></td>
</tr>
<tr>
<td>Heavy Duty Ext. Rotodrive</td>
<td></td>
</tr>
<tr>
<td>Nogagrip 1 Handle</td>
<td></td>
</tr>
<tr>
<td>Nogagrip 3 Handle</td>
<td></td>
</tr>
<tr>
<td>Rotodrive Holders</td>
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<td>Blades</td>
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<thead>
<tr>
<th>SCRAPERS</th>
<th>14-15</th>
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<tbody>
<tr>
<td>Triangular Scraper</td>
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<tr>
<td>Mini Scraper</td>
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</tr>
<tr>
<td>Internal Scraper</td>
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<tr>
<td>Adjustable Scraper</td>
<td></td>
</tr>
<tr>
<td>Nogagrip 3 Handle</td>
<td></td>
</tr>
<tr>
<td>SC Handle</td>
<td></td>
</tr>
<tr>
<td>T Holder</td>
<td></td>
</tr>
<tr>
<td>D Holder</td>
<td></td>
</tr>
<tr>
<td>Blades</td>
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<table>
<thead>
<tr>
<th>Surface Scraping</th>
<th>16-17</th>
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<tbody>
<tr>
<td>Straight Edge</td>
<td></td>
</tr>
<tr>
<td>Notch Line Flush</td>
<td></td>
</tr>
<tr>
<td>Surface Scrapping</td>
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<table>
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<th>Page</th>
<th>Items</th>
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</table>
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NOGA V CUT  
KEYWAY BURR  
DOUBLE BURR  
NOGAGRIP 1 HANDLE  
NOGAGRIP 3 HANDLE  
K HOLDER  
L HOLDER  
BLADES |

## CERAMICS

<table>
<thead>
<tr>
<th>Page</th>
<th>Items</th>
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</table>
| 20-21 | CONVEXED CERA-CUT  
CONCAVED CERA-CUT  
CONVEXED DISPOSABLE CERA-CUT  
CERAMIC DOUBLE BURR  
CERA-CUT HANDLE  
BLADES |

## SETS AND KITS

<table>
<thead>
<tr>
<th>Page</th>
<th>Items</th>
</tr>
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</table>
| 22-23 | PROMO SETS  
ECONOMY SETS  
COBALT SETS  
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PLASTIC EDGE OFF  
NOGA TRIO  
NOGA MINI SET |

## SPECIALITY TOOLS AND BLADES

<table>
<thead>
<tr>
<th>Page</th>
<th>Items</th>
</tr>
</thead>
</table>
| 28-31 | BLADES  
HANDLES  
HOLDERS |
NOGA, the acknowledged world leader in hand deburring tools, constantly invest in quality product innovations. Our stated aim is to offer our customers the most competitive, and best solutions for their deburring applications.

NOGAGRIP HANDLE

3 MODELS:
- NG-1 ø3.2mm
- NG-2 ø2.6mm
- NG-3 ø7.0mm

- Ergonomic — fits your hand like no other handle.
- Two Components — soft and hard for maximum hand comfort.
- Lightweight strong construction.
- Easy and fast replacement of blades and blade holders.
- Spare blades are held in back cap.
- Lifetime guarantee.

BLADE HOLDERS

All new blade holders fit into the NG-3 handle. Ten different blade holders are available to hold the different types of blades. Holders are held by a steel ball pressed into indentation along the holder. (see drawing)
NEW PRODUCTS

CERAMIC BLADES
Noga ceramic blades are the best solution for many applications on plastics and soft metals.

CERA-CUT
Convexed CERA-CUT
Convexed blade. 250mm radius.

Concaved CERA-CUT
Concaved blade. 15mm radius.

V Shaped
V shaped 90° blade.

SCRAPER BLADES
T50
I.D. 3.5 x 51mm H.S.S. triangular scraper used with T holder.

T70
I.D. 4.2 x 57mm H.S.S. triangular scraper used with T holder.

H.D. EXTERNAL ROTODRIVE
H.D. EX28 Countersink - Chamfers the O.D. from bars and tubes. Range: 8-28mm.
H.D. Holder - Cranked holder to accept 28mm external countersink. Countersink snaps on holder.
**NOGA BURR 3 NG1003**
Will do almost all of your deburring jobs.
Includes: NG-1 handle, S10, S20 and S35 blades.

**NOGA BURR 5 NG1005**
Same as NG1003 but with 2 extra blades.
Suitable for coarse to extra fine deburring operations.
Includes: NG-1 handle, S10, S20, S35, S101 and S202 blades.

**SUPER BURR NG3003**
For heavy duty jobs.
Includes: NG-3 handle, S holder, S100, S20 and S30 blades.

**HANDLES**

**NG-1 Handle NG1000**
NogaGrip 1 holds all S blades (3.2mm). Spare blades are kept inside back cap. Designed for maximum comfort in your hand.

**NG-3 Handle NG3000**
NogaGrip-3 holds all blade holders. Spare blades are kept inside back cap. Designed for maximum comfort in your hand.

**HOLDER**

**S Holder EL02003**
Holds S blades (3.2mm). S holder telescopes from 30-115mm. Length: 131mm.
HEAVY DUTY ø3.2mm

EDGE OFF EO1000
Disposable tool. A handy pocket clip is a standard feature of this tool. Includes: S10 blade mounted in an 8mm painted hexagonal aluminum handle.

RAPID BURR RB1000
Steel housing for long life of handle. Blade is replaceable. Holds 3.2mm blades. Includes: 12mm hexagonal aluminum painted handle and S10 blade.

<table>
<thead>
<tr>
<th>BLADES</th>
<th>Order No.</th>
<th>Incl. angle (degrees)</th>
<th>Pkg. weight (grams)</th>
<th>Package quantity</th>
<th>Works best on</th>
</tr>
</thead>
<tbody>
<tr>
<td>S10</td>
<td>BS1010</td>
<td>40</td>
<td>31</td>
<td>10</td>
<td>steel, aluminum and plastic</td>
</tr>
<tr>
<td>S10Tin</td>
<td>BS1012</td>
<td>40</td>
<td>31</td>
<td>10</td>
<td>abrasive material</td>
</tr>
<tr>
<td>S20</td>
<td>BS2010</td>
<td>60</td>
<td>33</td>
<td>10</td>
<td>brass and cast iron</td>
</tr>
<tr>
<td>S20Tin</td>
<td>BS2012</td>
<td>60</td>
<td>33</td>
<td>10</td>
<td>stainless steel</td>
</tr>
<tr>
<td>S30</td>
<td>BS3010</td>
<td>40</td>
<td>31</td>
<td>10</td>
<td>both int. and ext. burrs</td>
</tr>
<tr>
<td>S35</td>
<td>BS3510</td>
<td>55</td>
<td>33</td>
<td>10</td>
<td>straight edges on most materials</td>
</tr>
<tr>
<td>S60</td>
<td>BS6001</td>
<td>40</td>
<td>9</td>
<td>1</td>
<td>cross holes in difficult to reach places</td>
</tr>
<tr>
<td>S100 Cobalt</td>
<td>BS1018</td>
<td>45</td>
<td>32</td>
<td>10</td>
<td>plastic and hard materials</td>
</tr>
<tr>
<td>S101</td>
<td>BK1010</td>
<td>40</td>
<td>29</td>
<td>10</td>
<td>fine edges on all materials</td>
</tr>
<tr>
<td>S150</td>
<td>BK3010</td>
<td>45</td>
<td>27</td>
<td>10</td>
<td>holes as small as 1.5mm Dia.</td>
</tr>
<tr>
<td>S202</td>
<td>BK2010</td>
<td>55</td>
<td>28</td>
<td>10</td>
<td>brass and cast iron fine edges</td>
</tr>
</tbody>
</table>

All blades below are made of H.S.S. Hardness 62-64Rc except S100 Cobalt 65-67Rc

L/R - for left and right hand users.
MAGIC BURR 2 NG2002
Will do almost all of your deburring jobs.
Includes: NG-2 handle, N1 and N2 blades.

MAGIC BURR 4 NG2004
Same as NG2002 with extra blades for cross holes in difficult to reach places.
Includes: NG-2 handle, N1, N2, N3, and N6 blades.

TELE BURR NG3002
Holds 2.6mm N blades.
Highly popular tool.
Includes: NG-3 handle, N holder, N1, and N2 blades.

HANDLES

NG-2 Handle NG2000
NogaGrip-2 holds N blades (2.6mm).
Spare blades are kept inside back cap. Designed for maximum comfort in your hand.

NG-3 Handle NG3000
NogaGrip-3 holds all blade holders.
Spare blades are kept inside back cap. Designed for maximum comfort in your hand.

HOLDER

N Holder EL01033
Holds 2.6mm blades.
N holder telescopes from 25-115mm.
Length: 131mm.
LIGHT DUTY ø2.6mm

TEDDYBURR TB1000

Design for hard to reach locations. Blade is replaceable. Steel housing for long life of handle. Includes: 8mm painted hexagonal aluminum handle and N1 blade.

BLADES | Order No. | Incl. angle (degrees) | Pkg. weight (grams) | Package quantity | Works best on
--- | --- | --- | --- | --- | ---
N1 | BN1010 | 40 | 13 | 10 | steel, aluminum and plastic
N1 Tin | BN1012 | 40 | 13 | 10 | abrasive material
N2 | BN2010 | 80 | 14 | 10 | brass and cast iron
N2 Tin | BN2012 | 80 | 14 | 10 | stainless steel
N10 Cobalt | BN1310 | 45 | 13 | 10 | plastic and hard materials
N3 | BN3010 | 50 | 13 | 10 | both int. and ext. burrs
N6 | BN6001 | 40 | 6 | 1 | cross holes in difficult to reach places

L/R - for left and right hand users.

All blades below are made of H.S.S. Hardness 62-64Rc except N10 Cobalt 65-67Rc
**COUNTERSINK NG3100**
The standard tool for countersinking. Useful for chamfering deep holes. Includes: NG-3 handle, C holder and C20 countersink (20mm).

**HANDLE**
NG-3 Handle NG3000
NogaGrip-3 holds all blade holders. Designed for maximum comfort in your hand.

**HOLDER**
C Holder CH3000
Holds C12, C20 and C30 countersinks. M7 external thread. Has an hexagonal cross section to prevent rotating inside handle. Length: 131mm.
COUNTERSINKS

MINI REVERSIBLE RC1000
Very fine tool for deburring both back and front sides of holes.
Range: 3-5.5mm.
Includes: steel handle and R1 blade.

MEDIUM REVERSIBLE RC2000
Range: 5-10mm.
Includes: steel handle and R2 blade.

LARGE REVERSIBLE RC2200
Range: 10-22mm.
Includes: steel handle and R3 blade.

<table>
<thead>
<tr>
<th>BLADES</th>
<th>Order No.</th>
<th>Range (mm)</th>
<th>Countersinking angle (degrees)</th>
<th>Weight (grams)</th>
<th>Package quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>C12</td>
<td>BC1211</td>
<td>1-12</td>
<td>90</td>
<td>25</td>
<td>1</td>
</tr>
<tr>
<td>C20</td>
<td>BC2011</td>
<td>3-20</td>
<td>90</td>
<td>28</td>
<td>1</td>
</tr>
<tr>
<td>C30</td>
<td>BC3011</td>
<td>3-30</td>
<td>90</td>
<td>58</td>
<td>1</td>
</tr>
<tr>
<td>R1</td>
<td>BR1001</td>
<td>3-5.5</td>
<td>90</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td>R2</td>
<td>BR2001</td>
<td>5-10</td>
<td>90</td>
<td>7</td>
<td>1</td>
</tr>
<tr>
<td>R3</td>
<td>BR3001</td>
<td>10-22</td>
<td>90</td>
<td>8</td>
<td>1</td>
</tr>
</tbody>
</table>

All blades below are made of H.S.S. Hardness 62-64Rc.
deburring system

H.D. EXT. ROTODRIVE
NG3500
Chamfers the O.D. on bars and tubes.
Range: 8-28mm.
Includes: NG-3 handle, H.D. external
RotoDrive holder, and EX28 countersink.

H.D. ROTODRIVE NG3400
40mm displacement allows for heavy
duty burrs to be removed. Continuous
rotation of countersink enables very fast
chamfering.
Includes: NG-3 handle, H.D. cranked
RotoDrive holder and C20 countersink.

HOLDERS

H.D. RotoDrive Holder
EL0802
Heavy duty cranked
holder. External M7 thread
to hold C12, C20 and C30
countersinks. h 40mm.

H.D. Ext. RotoDrive
Holder EL0902
Heavy duty cranked
holder. Accepts EX28
external countersink.
h 40mm.

HANDLES

NG-1 Handle NG1000
NogaGrip-1 holds all S blades
(3.2mm). Designed for maximum
comfort in your hand.

NG-3 Handle NG3000
NogaGrip-3 holds all blade holders.
Designed for maximum comfort in
your hand.

PATENTED
## COUNTERSINKS

**EXT. ROTODRIVE NG1700**
Chamfers the O.D. on bars and tubes. Quickest way to chamfer O.D. on almost all materials. Range: 4-18mm. Includes: NG-1 handle and external RotoDrive EX18 countersink.

**ROTDRIIVE NG1200**
The quickest way to chamfer by hand. Single flute countersink provides a smoother cut. Includes: NG-1 handle and RD10.4 RotoDrive countersink.

---

<table>
<thead>
<tr>
<th>BLADES</th>
<th>Order No.</th>
<th>Range (mm)</th>
<th>Countersinking angle (degrees)</th>
<th>Weight (grams)</th>
<th>Package quantity</th>
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<tr>
<td>RD3.2</td>
<td>BC3201</td>
<td>0-3</td>
<td>90</td>
<td>6</td>
<td>1</td>
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<tr>
<td>RD6.3</td>
<td>BC6301</td>
<td>1-6.3</td>
<td>90</td>
<td>10</td>
<td>1</td>
</tr>
<tr>
<td>RD8.3</td>
<td>BC8301</td>
<td>1-8.3</td>
<td>90</td>
<td>12</td>
<td>1</td>
</tr>
<tr>
<td>RD10.4</td>
<td>BC1041</td>
<td>1-10.4</td>
<td>90</td>
<td>15</td>
<td>1</td>
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<td>RD16.5</td>
<td>BC1651</td>
<td>1-16.5</td>
<td>90</td>
<td>34</td>
<td>1</td>
</tr>
<tr>
<td>C12</td>
<td>BC1211</td>
<td>1-12</td>
<td>90</td>
<td>25</td>
<td>1</td>
</tr>
<tr>
<td>C20</td>
<td>BC2011</td>
<td>3-20</td>
<td>90</td>
<td>28</td>
<td>1</td>
</tr>
<tr>
<td>C30</td>
<td>BC3011</td>
<td>3-30</td>
<td>90</td>
<td>58</td>
<td>1</td>
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<tr>
<td>EX18</td>
<td>EX2001</td>
<td>4-18</td>
<td>90</td>
<td>16</td>
<td>1</td>
</tr>
<tr>
<td>EX28</td>
<td>EX3001</td>
<td>8-28</td>
<td>90</td>
<td>40</td>
<td>1</td>
</tr>
</tbody>
</table>

All blades below are made of H.S.S. Hardness 62-64Rc.
MINI SCRAPER NG3700
Ideal for tool and die makers.
Includes: NG-3 handle, D holder, (an M3 setscrew is holding the blade) triangular mini scraper D50 blade and hex key.

TRIANGULAR SCRAPER NG3600
Used for standard scraping.
Includes: NG-3 handle, T holder (with M5 internal threads) and I.D.4.2x57mm triangular scraper T70 (with M5 external thread).

HANDLEs

NG-3 Handle NG3000
NogaGrip-3 holds all blade holders. Designed for maximum comfort in your hand.

D Holder EL05003
D holder is designed to hold D50 and D66 blades. A 3mm setscrew is holding the blade. Hex key included. Length: 131mm.

HOLDERS

T Holder EL06023
T holder is designed to hold T50 and T70 new scrapers. Has M5 internal thread. Length: 113mm.
INTERNAL SCRAPER NG3710
Ideal for cross-holes deburring. Includes: NG-3 handle, D holder and Internal scraper D66 blade.

ADJUSTABLE SCRAPER SC8000
Ideal for scraping, trimming and deburring almost all materials. Includes: 12mm anodized handle and T80 double ended triangular scraper.

All blades below have hardness 62-64Rc, except D55 Carbide 1400-1700 HV, and T80 CR115 58-60Rc.

<table>
<thead>
<tr>
<th>BLADES</th>
<th>Order No.</th>
<th>Dimensions (mm)</th>
<th>Included angle (degrees)</th>
<th>Weight (grams)</th>
<th>Package quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>D50</td>
<td>BD5010</td>
<td>3.2 x 50</td>
<td>60</td>
<td>27</td>
<td>10</td>
</tr>
<tr>
<td>D55 Carbide</td>
<td>BD5501</td>
<td>3.2 x 50</td>
<td>60</td>
<td>9</td>
<td>1</td>
</tr>
<tr>
<td>D66</td>
<td>BD6610</td>
<td>3.2 x 48</td>
<td>50</td>
<td>34</td>
<td>10</td>
</tr>
<tr>
<td>D75</td>
<td>BD7501</td>
<td>3.2 x 75</td>
<td>60</td>
<td>8</td>
<td>1</td>
</tr>
<tr>
<td>D77</td>
<td>BD7701</td>
<td>3.2 x 73</td>
<td>50</td>
<td>9</td>
<td>1</td>
</tr>
<tr>
<td>T50</td>
<td>BT5000</td>
<td>I.D.3.5 x 51</td>
<td>60</td>
<td>8</td>
<td>1</td>
</tr>
<tr>
<td>T70</td>
<td>BT7000</td>
<td>I.D.4.2 x 57</td>
<td>60</td>
<td>11</td>
<td>1</td>
</tr>
<tr>
<td>T80</td>
<td>BT8001</td>
<td>I.C.2.5 X 80</td>
<td>60</td>
<td>11</td>
<td>1</td>
</tr>
</tbody>
</table>
deburring
system

NOGA O-RING BURR
NG1100
Removes burrs from internal O-ring grooves. Range: 0-3mm (groove width). Includes: NG-1 handle and O-ring blade.

NOGA V CUT NG3200
For deburring sheet metal 1-8mm. Includes: NG-3 handle, L holder and L3 blade.

HOLDERS

K Holder EL04003
Holds K blades with M3 screw. Length: 135mm.

L Holder EL07013
Holds L blades. Blades are held in a 3mm square hole and tightened with 4mm setscrew. Length: 131mm.

HOLDERS

K Holder EL04003
Holds K blades with M3 screw. Length: 135mm.

L Holder EL07013
Holds L blades. Blades are held in a 3mm square hole and tightened with 4mm setscrew. Length: 131mm.

HOLDERS

K Holder EL04003
Holds K blades with M3 screw. Length: 135mm.

L Holder EL07013
Holds L blades. Blades are held in a 3mm square hole and tightened with 4mm setscrew. Length: 131mm.

HOLDERS

K Holder EL04003
Holds K blades with M3 screw. Length: 135mm.

L Holder EL07013
Holds L blades. Blades are held in a 3mm square hole and tightened with 4mm setscrew. Length: 131mm.

HOLDERS

K Holder EL04003
Holds K blades with M3 screw. Length: 135mm.

L Holder EL07013
Holds L blades. Blades are held in a 3mm square hole and tightened with 4mm setscrew. Length: 131mm.
DOUBCLE EDGE CUTTING

KEYWAY-BURR NG3300
Effectively removes burrs from internal and external keyways.
Range: 2.4-11mm.
Includes: NG-3 handle, K holder and N80K blade.

DOUBLE BURR DB1000
Simultaneously removes burrs from both sides of sheet metal.
DB handle with safety guard to protect your hand.
Unique round cutting blades can be rotated and reversed for long life. For corners, use one blade only.
Range: 0-12mm.
Includes: DB handle, hand guard and two N80 blades.

<table>
<thead>
<tr>
<th>BLADES</th>
<th>Order No.</th>
<th>Dimensions (mm)</th>
<th>Included angle (degrees)</th>
<th>Package weight (grams)</th>
<th>Package quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>N80</td>
<td>BN8010</td>
<td>0-12</td>
<td>55</td>
<td>35</td>
<td>10</td>
</tr>
<tr>
<td>N80M42</td>
<td>BN8043</td>
<td>0-12</td>
<td>55</td>
<td>33</td>
<td>10</td>
</tr>
<tr>
<td>N70K</td>
<td>BN7001</td>
<td>1.2-8</td>
<td>55</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td>N80K</td>
<td>BN8110</td>
<td>2.4-11</td>
<td>55</td>
<td>30</td>
<td>10</td>
</tr>
<tr>
<td>N80KM42</td>
<td>BN8143</td>
<td>2.4-11</td>
<td>55</td>
<td>29</td>
<td>10</td>
</tr>
<tr>
<td>N90K</td>
<td>BN9009</td>
<td>3-15</td>
<td>55</td>
<td>9</td>
<td>1</td>
</tr>
<tr>
<td>L3</td>
<td>BL3001</td>
<td>1-8</td>
<td>55</td>
<td>6</td>
<td>1</td>
</tr>
<tr>
<td>L4</td>
<td>BL4001</td>
<td>0-2.5</td>
<td>55</td>
<td>6</td>
<td>1</td>
</tr>
<tr>
<td>O-Ring</td>
<td>BO1001</td>
<td>1-3</td>
<td>40</td>
<td>9</td>
<td>1</td>
</tr>
<tr>
<td>TC</td>
<td>BC1001</td>
<td>Max. 3</td>
<td>90</td>
<td>8</td>
<td>1</td>
</tr>
</tbody>
</table>

All blades are made of H.S.S., Hardness 62-64Rc except N80M42 and N80KM42, 65-67Rc.
deburring system

CONVEXED CERA-CUT
CR2000
Ideal for all plastic materials and soft metals. Ideal for surface scraping and parting line deflashing. Blade can be replaced. Includes: Cera-Cut handle and 250mm convexed radius blade.

CONCAVED CERA-CUT
CR2300
Ideal for all plastic materials and soft metals. Ideal for curved edges and small ridges. Blade can be replaced. Includes: Cera-Cut handle and 15mm concaved radius blade.

To Remove blade
1. Remove the cap from the rear of the tool.
2. Insert the cap in the round hole and turn 90°.
3. Pull the blade out.

To insert blade
1. Insert the blade into the groove.
2. To secure the blade in place, hold the blade and lightly tap the handle against a solid surface.

HANDLE

CERA-CUT Handle
CR2100
A unique plastic handle that holds the blade by its self gripping taper. Storage space for spare blades. Length: 135mm.
**BLADES**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Material</th>
<th>Incl. angle (degrees)</th>
<th>Weight (grams)</th>
<th>Package quantity</th>
<th>Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Convexed</td>
<td>CR2200</td>
<td>Ceramic 1250HV</td>
<td>90</td>
<td>9</td>
<td>Ideal for surface cleaning and parting line deflashing</td>
</tr>
<tr>
<td>Concaved</td>
<td>CR2500</td>
<td>Ceramic 1250HV</td>
<td>90</td>
<td>9</td>
<td>Ideal for curved edges and small ridges</td>
</tr>
<tr>
<td>V Shaped</td>
<td>CR5100</td>
<td>Ceramic 1250HV</td>
<td>90</td>
<td>90</td>
<td>Removes burrs from both sides simultaneously</td>
</tr>
</tbody>
</table>

**CERA-CUT CR1100**
Ideal for deburring plastics and other soft materials. Extremely long life. Disposable tool.
Includes: 250mm convexed radius ceramic blade, mounted in ergonomically held handle with soft grip.

**CERAMIC DOUBLE BURR DB5000**
Ideal for deburring both sides of a workpiece simultaneously.
Blade can be replaced.
Range: 1-11 mm.
Includes: V-shaped ceramic blade mounted in ergonomically designed DB handle with safety guard to protect your hand.
PROMO SETS
Deburr: Steel, aluminum and plastic.

S PROMO SET NG8150
Includes:
NogaGrip 1 handle
10pcs. S10 blades.

N PROMO SET NG8000
Includes:
NogaGrip 2 handle
10pcs. N1 blades.

ECONOMY SETS
Deburr: Steel, aluminum and plastic.

S ECONOMY SET NG8200
Includes:
NogaGrip 1 handle
20pcs. S10 blades.

N ECONOMY SET NG8050
Includes:
NogaGrip 2 handle
20pcs. N1 blades.

Best seller

Pack dimensions: 169 x 117 x 26mm
SETS AND KITS

COBALT SETS
Deburs: Plastic and hard materials

S COBALT SET NG8250
Includes:
NogaGrip 1 handle
20pcs. S100 cobalt blades.

N COBALT SET NG8100
Includes:
NogaGrip 2 handle
20pcs. N10 cobalt blades.

TELE SETS
Deburs: Steel, aluminum, plastic, brass and cast iron

S TELE SET NG8350
Includes:
NogaGrip 3 handle
S holder
5pcs. S10 blades
5pcs. S20 blades.

N TELE SET NG8300
Includes:
NogaGrip 3 handle
N holder
5pcs. N1 blades
5pcs. N2 blades.

Free handle

Free handle

NG8250
NG8350

Pack dimensions: 169 x 117 x 26mm
PLATINUM BOX NG9500
Collected to meet the total requirements of tool and die makers and for deburring specialists

Includes:
- Double Burr
- NogaGrip 1 handle
- NogaGrip 3 handle
- Teddy Burr handle
- S holder
- N holder
- K holder + N80K
- D holder + D50
- D holder + D66
- C holder + C20
- T holder + T70
- 18mm external RotoDrive blade
- 10.4mm countersink RotoDrive.
- Blades: N1, N2, S10, S20, S30 and S150.
- Hex key (1.5mm).

Pack dimensions: 270 x 230 x 50mm

GOLD BOX NG9400
The most complete box for professional machinists

Includes:
- NogaGrip 3 handle
- Adjustable scraper
- Plastic Edge Off handle.
- S holder
- N holder
- C holder + C20
- D holder + D50
- K holder + N80K
- Blades: N1, N2, S10, S20, S30, S150, D66 and 10.4
- Countersink RotoDrive.
- Hex key (1.5mm).

Pack dimensions: 270 x 230 x 50mm
SETS AND KITS

**SILVER UNIKIT NG9300**
*Most suitable for MRO*

Includes:
- NogaGrip 3 handle
- S holder
- Medium reversible countersink
- Plastic Edge Off handle
- 3.2mm RotoDrive countersink
- 10.4mm RotoDrive countersink
- 16.5mm RotoDrive countersink
- 18mm External RotoDrive

Blades: S10, S20 and S30.

Pack dimensions: 215 x 120 x 40mm

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**BRONZE UNIKIT NG9200**
*Most economical deburring kit for all machinists*

Includes:
- NogaGrip 3 handle
- N holder
- S holder
- C holder + C20
- D holder + D50

Blades: N1, N2, S10, S20, S30 and S150

Pack dimensions: 215 x 120 x 40mm
deburring
system

NOGA 007 SP1007
Deburring, cleaning, finishing and countersinking

Includes:
RB handle
O-Ring blade
RD16.5 RotoDrive countersink
RDE18 External RotoDrive countersink
Thread cleaner blade
S100 blade
S150 blade

Pack dimensions: 125 x 78 x 48mm

PLASTIC EDGE OFF SET EO2100
The most economical set

Includes:
EO handle + S10 blade, green sleeve (for aluminum)
EO handle + S20 blade, red sleeve (for brass & cast iron)
EO handle + S100 blade, blue sleeve (for steel)
EO handle + S150 blade, yellow sleeve (for plastic)

Pack dimensions: 222 x 78 x 22mm
NOGA TRIO RB3000
Standard set

Includes:
RB handle + S20 blade, red sleeve (brass & cast iron)
RB handle + S100 blade, blue sleeve (steel & aluminium)
RB handle + S150 extra fine blade, yellow sleeve (plastic)

Pack dimensions: 175 x 50 x 20mm

NOGA MINI SET NG9100
Universal set

Includes:
NogaGrip 3 handle.
N holder - holds all N blades.
S holder - holds all S blades.
Blades: N1, N2, S10, S20, S30 and S150

Pack dimensions: 175 x 30 x 30mm
**SOFT GRIP SG1000**
Ergonomically held handle. Two holes accepts both S and N blades.
Includes: SG handle, S100 and N10 cobalt blades.

**LIZA BURR LB1000**
Double end blade holder to utilize both N and S blades. Telescopes from 20-110mm with N blades. 20-94mm with S blades.
Includes: Uni-handle, SN holder, N1 and N2 blades.

**SCRAPER SC1000**
Double end scraper for longer tool life. Can be locked in required position.
Includes: Uni-handle and double ended T120 triangular scraper.

**MEDIUM TRIANGULAR SCAPER SC4000**
For scraping, trimming and deburring almost all materials. 5x40 mm medium size triangular scraper. Disposable tool.

**MINI TRIANGULAR SCAPER SC5100**
For scraping, trimming and deburring fine jobs. 3.2x40 mm mini triangular scraper. Disposable tool.
NOGA SLOT CLEANER NG3210
Used to relieve corners of narrow slots from 3.5mm. Includes: NG-3 handle, L holder and L5 blade. (L7 double end blade for cutting in two directions is also available)

NOGA MINI CUT NG3220
Used for deburring small ridges in difficult to reach places. Range: 0-2.5mm. Includes: NG-3 handle, L holder and L4 blade.

NOGA CORNER CLEANER NG3230
Effective corner relief. Wide range of applications. Includes: NG-3 handle, L holder and L6 blade.

LEADER NG3800
Chamfering straight or curved edges. Ensures 45° chamfering. Includes: NG-3, LD holder and L1 blade.

THREAD CLEANER NG1600
For cleaning damaged internal threads. Minimum Dia. 9mm. Maximum thread pitch 3mm. Includes: NG-1 handle and TC blade.
PLASTIC RAPID BURR RB1400
Holds all S blades (3.2mm). The blade is replaceable. Includes: plastic handle and S100 blade.

PLASTIC EDGE OFF EO2000
Most competitive tool. Holds all S blades (3.2mm). The blade is replaceable. Includes: plastic handle and S10 blade.

INNER-OUTER REAMER SP8000
Deburr both inside and outside edges of tube. Made of die cast body. Have 3 cutters. Reamer for aluminum, brass and copper tubing. Range: 4-42mm.

PLASTIC REAMER SP8100
Same as SP8000 but made of plastic. Deburr both inside and outside edges of tubes. Have 3 cutters. Reamer for aluminum, brass and copper tubing. Range: 4-42mm.
**SPECIALTY BLADES**

<table>
<thead>
<tr>
<th>Blades</th>
<th>Order No.</th>
<th>Works best on</th>
</tr>
</thead>
<tbody>
<tr>
<td>N1 Carbide</td>
<td>BN1029</td>
<td>hardened steel &amp; special plastics</td>
</tr>
<tr>
<td>N1 Diamond</td>
<td>BN1028</td>
<td>glass &amp; ceramics</td>
</tr>
<tr>
<td>N2 Carbide</td>
<td>BN2031</td>
<td>hardened steel &amp; hard plastics</td>
</tr>
<tr>
<td>N1 LH</td>
<td>BN1026</td>
<td>steel, aluminum &amp; plastic</td>
</tr>
<tr>
<td>N1 LH TiN</td>
<td>BN1027</td>
<td>steel, aluminum &amp; plastic. For long life.</td>
</tr>
<tr>
<td>S10 Carbide</td>
<td>BS1016</td>
<td>hardened steel &amp; plastic</td>
</tr>
<tr>
<td>S10 Diamond</td>
<td>BS1014</td>
<td>glass &amp; ceramics</td>
</tr>
<tr>
<td>S10 LH</td>
<td>BS1011</td>
<td>steel, aluminum &amp; plastic</td>
</tr>
<tr>
<td>S10 LH TiN</td>
<td>BS1013</td>
<td>steel, aluminum &amp; plastic. For long life.</td>
</tr>
<tr>
<td>S100 TiN</td>
<td>BS1019</td>
<td>stainless steel &amp; plastic. For long life.</td>
</tr>
<tr>
<td>S20 Carbide</td>
<td>BS2015</td>
<td>hardened materials &amp; plastic</td>
</tr>
<tr>
<td>S101 LH</td>
<td>BK1011</td>
<td>H.D. shank for steel, aluminum &amp; plastic</td>
</tr>
<tr>
<td>S101 TiN</td>
<td>BK1012</td>
<td>H.D. shank for steel, aluminum &amp; plastic. For long life.</td>
</tr>
<tr>
<td>S150 TiN</td>
<td>BK3103</td>
<td>holes as small as 1.5mm Dia. For long life.</td>
</tr>
<tr>
<td>S30 TiN</td>
<td>BS3003</td>
<td>both int. &amp; ext. burrs. For long life.</td>
</tr>
<tr>
<td>S60 TiN</td>
<td>BS6003</td>
<td>cross holes in difficult to reach places. For long life.</td>
</tr>
<tr>
<td>S80</td>
<td>BS8001</td>
<td>shallow steps</td>
</tr>
<tr>
<td>S80 TiN</td>
<td>BS8003</td>
<td>shallow steps. For long life.</td>
</tr>
<tr>
<td>S70</td>
<td>BS7001</td>
<td>straight edges</td>
</tr>
<tr>
<td>L1</td>
<td>BL1001</td>
<td>steel and aluminum</td>
</tr>
<tr>
<td>L5</td>
<td>BL5001</td>
<td>slots from 3.5mm</td>
</tr>
<tr>
<td>L6</td>
<td>BL6001</td>
<td>sharp corners</td>
</tr>
<tr>
<td>L7</td>
<td>BL7001</td>
<td>slots from 3.5mm. Double end.</td>
</tr>
<tr>
<td>T120</td>
<td>BT1200</td>
<td>H.D. scraping. Double end.</td>
</tr>
</tbody>
</table>

LH - for left hand users only.  L/R - for left and right hand users.