## deburring system

<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>
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</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>
</tr>
<tr>
<td>S BLADES</td>
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<table>
<thead>
<tr>
<th>LIGHT DUTY (ø2.6mm)</th>
<th>8-9</th>
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<tbody>
<tr>
<td>MAGIC BURR 2</td>
<td></td>
</tr>
<tr>
<td>MAGIC BURR 4</td>
<td></td>
</tr>
<tr>
<td>TELE BURR</td>
<td></td>
</tr>
<tr>
<td>TEDDY BURR</td>
<td></td>
</tr>
<tr>
<td>NOGAGRIP 2 HANDLE</td>
<td></td>
</tr>
<tr>
<td>NOGAGRIP 3 HANDLE</td>
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</tr>
<tr>
<td>N HOLDER</td>
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<td>N BLADES</td>
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<table>
<thead>
<tr>
<th>COUNTERSINKS</th>
<th>10-11</th>
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<tbody>
<tr>
<td>COUNTERSINKS</td>
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<tr>
<td>REVERSIBLE COUNTERSINKS</td>
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<tr>
<td>NOGAGRIP 3 HANDLE</td>
<td></td>
</tr>
<tr>
<td>C HOLDER</td>
<td></td>
</tr>
<tr>
<td>BLADES</td>
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<table>
<thead>
<tr>
<th>ROTODRIVE COUNTERSINKS</th>
<th>12-13</th>
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<tbody>
<tr>
<td>10.4 ROTODRIVE</td>
<td></td>
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<tr>
<td>EXTERNAL ROTODRIVE</td>
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</tr>
<tr>
<td>HEAVY DUTY INT. ROTODRIVE</td>
<td></td>
</tr>
<tr>
<td>HEAVY DUTY EXT. ROTODRIVE</td>
<td></td>
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<tr>
<td>NOGAGRIP 1 HANDLE</td>
<td></td>
</tr>
<tr>
<td>NOGAGRIP 3 HANDLE</td>
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<tr>
<td>ROTODRIVE HOLDERS</td>
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<td>BLADES</td>
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<table>
<thead>
<tr>
<th>SCRAPERS</th>
<th>14-15</th>
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<tbody>
<tr>
<td>MINI SCRAPER</td>
<td></td>
</tr>
<tr>
<td>SCRAPER (HEAVY)</td>
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<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>UNI HANDLE</td>
<td></td>
</tr>
<tr>
<td>D HOLDER</td>
<td></td>
</tr>
<tr>
<td>BLADES</td>
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<table>
<thead>
<tr>
<th>YT SCRAPERS</th>
<th>16-17</th>
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<tbody>
<tr>
<td>ADJUSTABLE MINI SCRAPER</td>
<td></td>
</tr>
<tr>
<td>ADJUSTABLE SCRAPER</td>
<td></td>
</tr>
<tr>
<td>YT HANDLE</td>
<td></td>
</tr>
<tr>
<td>DIAMOND NEEDLE FILE SETS</td>
<td></td>
</tr>
<tr>
<td>NEEDLE FILES AND SCRAPERS</td>
<td></td>
</tr>
<tr>
<td>BLADES</td>
<td></td>
</tr>
</tbody>
</table>
## CONTENTS

### 18-19: DOUBLE EDGE CUTTING
- NOGA O-RING
- NOGA V CUT
- KEYWAY BURR
- DOUBLE BURR
- NOGAGRIP 1 HANDLE
- NOGAGRIP 3 HANDLE
- K HOLDER
- L HOLDER
- BLADES

### 20-21: CERAMICS
- CONVEXED CERA-CUT
- CONCAVED CERA-CUT
- CERA-CUT HANDLE BLADES
- NOGA SOFT CUT TOOL **NEW**
- NOGA HARD CUT TOOL **NEW**
- NOGA CUT HANDLE **NEW**
- NOGA CUT BLADES **NEW**

### 22: CONVEXED DISPOSABLE CERA-CUT
- CERAMIC DOUBLE BURR
- CERAMIC DOUBLE BURR BLADE

### 23-27: SETS AND KITS
- PROMO SETS
- ECONOMY SETS
- NOGACUT SET **NEW**
- TELE SETS
- THE SET **NEW**
- PLATINUM BOX
- GOLD BOX
- SILVER UNIKIT
- BRONZE UNIKIT
- PLASTIC EDGE OFF SET
- TROUBLE SHOOTER SET **NEW**
- MAGIC SET **NEW**

### 28-31: SPECIALTY TOOLS AND BLADES
- PV HANDLE **NEW**
- SPECIAL TOOLS
- TRIO SET
- REAMER
- SPECIAL BLADES
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.

HOLDERS

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

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

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.

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

<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>L/R</td>
<td>60</td>
<td>33</td>
<td>brass and cast iron</td>
</tr>
<tr>
<td>S20Tin</td>
<td>BS2012</td>
<td>L/R</td>
<td>60</td>
<td>33</td>
<td>stainless steel</td>
</tr>
<tr>
<td>S30</td>
<td>BS3010</td>
<td>L/R</td>
<td>40</td>
<td>31</td>
<td>both int. and ext. burrs</td>
</tr>
<tr>
<td>S35</td>
<td>BS3510</td>
<td>L/R</td>
<td>55</td>
<td>33</td>
<td>straight edges on most materials</td>
</tr>
<tr>
<td>S60</td>
<td>BS6001</td>
<td>L/R</td>
<td>40</td>
<td>9</td>
<td>cross holes in difficult to reach places</td>
</tr>
<tr>
<td>S100 Cobalt</td>
<td>BS1018</td>
<td>L/R</td>
<td>45</td>
<td>32</td>
<td>plastic and hard materials</td>
</tr>
<tr>
<td>S101</td>
<td>BK1010</td>
<td>L/R</td>
<td>40</td>
<td>29</td>
<td>fine edges on all materials</td>
</tr>
<tr>
<td>S150</td>
<td>BK3010</td>
<td>L/R</td>
<td>45</td>
<td>27</td>
<td>holes as small as 1.5mm Dia.</td>
</tr>
<tr>
<td>S202</td>
<td>BK2010</td>
<td>L/R</td>
<td>55</td>
<td>28</td>
<td>brass and cast iron fine edges</td>
</tr>
</tbody>
</table>

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 two 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 the handle. Designed for maximum comfort in your hand.

NG-3 Handle NG3000
NogaGrip-3 holds all blade holders. Spare blades are kept inside the handle. 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.

<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>N1</td>
<td>BN1010</td>
<td>40</td>
<td>13</td>
<td>10</td>
<td>steel, aluminum and plastic</td>
</tr>
<tr>
<td>N1 Tin</td>
<td>BN1012</td>
<td>40</td>
<td>13</td>
<td>10</td>
<td>abrasive material</td>
</tr>
<tr>
<td>N2</td>
<td>BN2010</td>
<td>80</td>
<td>14</td>
<td>10</td>
<td>brass and cast iron</td>
</tr>
<tr>
<td>N2 Tin</td>
<td>BN2012</td>
<td>80</td>
<td>14</td>
<td>10</td>
<td>stainless steel</td>
</tr>
<tr>
<td>N10 Cobalt</td>
<td>BN1310</td>
<td>45</td>
<td>13</td>
<td>10</td>
<td>plastic and hard materials</td>
</tr>
<tr>
<td>N3</td>
<td>BN3010</td>
<td>50</td>
<td>13</td>
<td>10</td>
<td>both int. and ext. burrs</td>
</tr>
<tr>
<td>N6</td>
<td>BN6001</td>
<td>40</td>
<td>6</td>
<td>1</td>
<td>cross holes in difficult to reach places</td>
</tr>
</tbody>
</table>

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.

TO REPLACE THE BLADE
Pull the aluminum knob out of the handle. At its end there is an hexagonal key. Use this key to replace the blade.

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

<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>
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.

**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.

**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.
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.

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

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

<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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<tbody>
<tr>
<td>RD3.2</td>
<td>BC3201</td>
<td>0-3</td>
<td>90</td>
<td>6</td>
<td>1</td>
</tr>
<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>
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<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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<tr>
<td>RD16.5</td>
<td>BC1651</td>
<td>1-16.5</td>
<td>90</td>
<td>34</td>
<td>1</td>
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<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>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>
MINI SCRAPER NG3700
Ideal for tool and die makers.
Includes: NG-3 handle, D holder, triangular mini scraper D50 blade and hex key.

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

HANDES

UNI Handle UH1000
A unique Handle which can hold Noga T120 scraper blade.

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

SC Handle SC1300
12mm anodized handle. Knurled locking collar to control blade extension.
Holds: D50, D66, D75, D77 and T80 scrapers.
Length: 120mm. Hex. 12mm.

BLADE & HOLDER

T 120 BT1200
Heavy Duty scraping. Double ended.
- Made of CR115.
- Hardness 58-60Rc.
- Blade dimensions 7.4x120mm.
- Included angle 60°.

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.
**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>Width/Length (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>2.5 x 50</td>
<td>60</td>
<td>27</td>
<td>10</td>
</tr>
<tr>
<td>D55 Carbide</td>
<td>BD5501</td>
<td>2.5 x 50</td>
<td>60</td>
<td>9</td>
<td>1</td>
</tr>
<tr>
<td>D66</td>
<td>BD6610</td>
<td>2.7 x 50</td>
<td>50</td>
<td>34</td>
<td>10</td>
</tr>
<tr>
<td>D75</td>
<td>BD7501</td>
<td>2.5 x 75</td>
<td>60</td>
<td>8</td>
<td>1</td>
</tr>
<tr>
<td>D77</td>
<td>BD7701</td>
<td>2.7 x 75</td>
<td>50</td>
<td>9</td>
<td>1</td>
</tr>
<tr>
<td>T80</td>
<td>BT8001</td>
<td>4.2 x 80</td>
<td>60</td>
<td>11</td>
<td>1</td>
</tr>
</tbody>
</table>
Adjustable Mini Scraper YT1100
The best mini scraper for tool and die makers.
Includes:
YT handle (YT1000) and
D75 H.S.S triangular mini scraper (BD7501).
Size: 75x2.5mm.

Adjustable Scraper YT1200
Ideal for scraping, trimming and deburring almost all materials.
Includes:
YT handle (YT1000) and
T80 double ended triangular medium scraper (BT8001).
Size: 80x4.2mm.

YT Handle YT1000
The perfect grip on:
Noga adjustable scrapers
Needle files
Pins
Drills
• Quick change
• Fits every hand
• Flexible collet
Range: 2.2-4.5mm.
D iamond Needle Files

The files are of Swiss made blanks electroplated with ultra high concentration of precisely graded diamond particles. A must for any tool and die shop, extruders, and repairs of hardened alloys and ceramic.

- **Total length** - 140 mm.
- **Coated length** - 70 mm.
- **Shank** - ø 3 mm.
- **Grit size**: D126

**YT 3000** - Includes 5 files as shown below, D75 HSS Triangular Scraper, T80 double ended triangular scraper and YT1000 handle.

**YT 3300** - Includes 5 files and YT1000 handle.

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Shape</th>
<th>Width / Thickness (mm)</th>
<th>Width/Length (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DT1050</td>
<td>Equaling</td>
<td>5.1x1.4</td>
<td></td>
</tr>
<tr>
<td>DT1051</td>
<td>Triangular</td>
<td>3.9</td>
<td></td>
</tr>
<tr>
<td>DT1052</td>
<td>Square</td>
<td>2.5</td>
<td></td>
</tr>
<tr>
<td>DT1053</td>
<td>Half round</td>
<td>5.4x1.9</td>
<td></td>
</tr>
<tr>
<td>DT1054</td>
<td>Round</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>BT8001</td>
<td>Triangular</td>
<td>4.2x80</td>
<td>T80 Blade Double ended triangular scraper.</td>
</tr>
<tr>
<td>BD7501</td>
<td>Triangular</td>
<td>2.5x75</td>
<td>D75 Blade H.S.S. triangular mini scraper.</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.

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.

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.
DOUBLE 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>Range (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>50</td>
<td>6</td>
<td>1</td>
</tr>
<tr>
<td>L4</td>
<td>BL4001</td>
<td>0-2.5</td>
<td>50</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>
deburring system

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.

<table>
<thead>
<tr>
<th>BLADES</th>
<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>1</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>1</td>
<td>Ideal for curved edges and small ridges</td>
</tr>
</tbody>
</table>

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.

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.

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

NOGA SOFT CUT TOOL NC5100
Ideal for deburring soft abrasive plastics

Includes: NogaCut handle NC5000 and NogaCut blade 65° CR6000.

NOGA HARD CUT TOOL NC5200
Ideal for deburring hard abrasive plastics

Includes: NogaCut handle NC5000 and NogaCut blade 75° CR6100.

HANDLE

NOGA-CUT Handle NC5000
Can hold NogaCut blades only CR6000 & CR6100.

BLADES

<table>
<thead>
<tr>
<th>BLADES</th>
<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>Noga soft Cut</td>
<td>CR6000</td>
<td>Ceramic 1250HV</td>
<td>65°</td>
<td>1</td>
<td>1</td>
<td>Ideal for deburring soft abrasive plastics</td>
</tr>
<tr>
<td>Noga hard Cut</td>
<td>CR6100</td>
<td>Ceramic 1250HV</td>
<td>75°</td>
<td>1</td>
<td>1</td>
<td>Ideal for deburring hard abrasive plastics</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.

---

### BLADES

<table>
<thead>
<tr>
<th>BLADES</th>
<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>V Shaped</td>
<td>CR5100</td>
<td>Ceramic 1250HV</td>
<td>90</td>
<td>90</td>
<td>1</td>
<td>Removes burrs from both sides simultaneously</td>
</tr>
</tbody>
</table>
SETS

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

NOGACUT SET CR5500
Includes:
5pcs. NogaCut blades 65° CR6000
5pcs. NogaCut blades 75° CR6100
NogaCut handle NC5000.
Free handle

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

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

B10 SET SG6000
Includes:
NogaGrip 2 handle
20pcs. B10 Blades.

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

N ECONOMY SET NG8050
Includes:
NogaGrip 2 handle
20pcs. N1 blades.
Free handle
**deburring system**

**THESET SP7700**

The 7 most popular deburring tools you need to carry for any deburring application. Packed in one handy box.

Pack dimensions: 270x230x50mm.

Includes:
- Adjustable Scraper SC8000
- Keyway Burr NG3300
- “V” Cut NG3200
- Mini Scraper NG3700
- Countersink NG3100
- Internal Scraper NG3710
- Super Burr NG3003
**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
- 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
deburring system

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

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

PLASTIC EDGE OFF SET EO2100
The most economical set

Includes:
- EO handle + S10 blade, green sleeve (for aluminium)
- 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 TROUBLE SHOOTER SET
SP1010
Deburring, Scraping and countersinking

Includes:
- RB handle
- S20 blade
- S100 blade
- S150 blade
- RD16.5 RotoDrive countersink
- RDE18 External RotoDrive countersink
- D50 Modified Mini Scraper blade

Pack dimensions: 125 x 78 x 48mm

MAGIC SET RB4000

Advantages:
1. The handle can hold both types of blades rotating and fixed.
2. The set includes best moveable/popular blades.

The new MAGIC SET includes Rapid Burr RB1000 and modified D50 Mini Scraper Blade.

S Swivel blade
To insert S blade, push black sleeve down while pushing the blade into handle.

D Scraper blade
Step 1: Insert the Scraper and gently push until it stops by the ball.
Step 2: Rotate Scraper until it slides in under the ball.
Step 3: Push sleeve down while pushing scraper to its final position.
UNIVERSAL HANDY CHUCK HOLDER
PV1000
Aluminum handle with non-slip covering.
A 3 jaw chuck helps with the quick and secure clamping of a wide variety of tools, blades and blade holders such as scrapers, countersinks, files etc.
Hardness 58HRC.

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.

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

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.

THREAD CLEANER NG1600
For cleaning damaged internal threads. Minimum Dia. 9mm. Maximum thread pitch 3mm.
Includes: NG-1 handle and TC blade (See page 19).
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.

PLASTIC REAMER SP8100
Deburr both inside and outside edges of tube. Made of plastic body. Have 3 cutters. Reamer for aluminum, brass and copper tubing. Range: 4-42mm.

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
### 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>BS1500</td>
<td>BS1510</td>
<td>Special blade for deburring rubber and soft materials</td>
</tr>
<tr>
<td>L1</td>
<td>BL1001</td>
<td>steel and aluminum</td>
</tr>
<tr>
<td>L5</td>
<td>BLS5001</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>
</tbody>
</table>

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