Drill Grinder
DG 20 1ph 0310-0020

Features:

- Solid cast iron mounting base with high dead weight provides for low-vibration operation.
- Balanced rotor with quality ball bearings ensures long service life with very smooth running.
- Magnetic switch with lockable emergency stop function.
- Wide grinding range of twist drill from 3 to 20mm.
- Exact repeating accuracy thanks to prism-guided feed.
- Continuous speed regulation for different materials.
- Angle adjustment for all twist drill types.
- Prismatic holding fixture for precise centring of the workpiece.

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Specification

<table>
<thead>
<tr>
<th>Specification</th>
<th>DG 20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous Speed</td>
<td>1,400 - 7,600 rpm</td>
</tr>
<tr>
<td>Bit Grinding Angle</td>
<td>90° - 150°</td>
</tr>
<tr>
<td>Grinding Capacity</td>
<td>3 - 20 mm</td>
</tr>
<tr>
<td>Grinding Speed</td>
<td>16m/s</td>
</tr>
<tr>
<td>Grind Wheel O/D.</td>
<td>40 mm</td>
</tr>
<tr>
<td>Cup Wheel Inside</td>
<td>26 mm</td>
</tr>
<tr>
<td>Cup Wheel Thread</td>
<td>M10</td>
</tr>
<tr>
<td>Cup Wheel Embed.</td>
<td>22 mm</td>
</tr>
<tr>
<td>Motor Power</td>
<td>230V/50Hz 500 W</td>
</tr>
<tr>
<td>Dims. LxWxH (cm)</td>
<td>23 x 49 x 24</td>
</tr>
<tr>
<td>Weight</td>
<td>26.7 Kgs</td>
</tr>
</tbody>
</table>

Included as standard:

- Coolant Tray
- Red Cup Grinding Wheel

Optional Attachments:

- Cup Wheel Red
  0310-7120
- Cup Wheel Green
  0310-7121

Large Grinding area
Twist drills from Ø3 to Ø20mm
 Grinding cup
Self dressing
No dressing required

Prism support
Sturdy
Precise centring and secure hold

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Twist drills from Ø3 to Ø20mm
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Prism support
Sturdy
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Drill Grinder
GQ-D13 1ph 0314-0020

The handy drill bit grinding device by quantum.
For easy sharpening of twist drill
bits from Ø 3 mm to Ø 13 mm

Facts that impress in terms of quality, performance and price

**Features:**

- Easy to operate for inexpensive grinding of twist drill bits with two cutting edges
- Drill bit grinding without prior experience - clean, fast and precise
- Easy to transport
- Easy replacement of the grinding disc
- Positively-driven sharpening action, thus easy to operate
- Automatic grinding of the tip geometry thanks to cam
- Robust plastic housing with anti-slip base
- Diamond grinding stone with long service life for the perfect grind

**Specification**

<table>
<thead>
<tr>
<th>Specification</th>
<th>GQ D13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical connection</td>
<td>230V/1ph - 50Hz</td>
</tr>
<tr>
<td>Motor power</td>
<td>80 W</td>
</tr>
<tr>
<td>Speed variable (RPM)</td>
<td>4200</td>
</tr>
<tr>
<td>Grinding Wheel</td>
<td>78 mm</td>
</tr>
<tr>
<td>Grinding capacity drill</td>
<td>3 - 13 mm</td>
</tr>
<tr>
<td>Dims (LxWxH cm)</td>
<td>22 x 20 x 16</td>
</tr>
<tr>
<td>Weight</td>
<td>2.5 Kg</td>
</tr>
</tbody>
</table>

**Included as standard:**

- Diamond Grinding Disc
- Collet Chuck Holder

**Optional Attachments:**

Replacement grinding disc 0314-0021
Crystalline cubic boron nitride
Grain size: 170 - 200
Applications: High-speed steel (HSS)
Drill Grinders

GH 10T 1ph 0310-0110
GH 15T 1ph 0310-0115

The handy drill bit grinding device - ideal for grinding twist drill bits

Facts that impress in terms of quality, performance and price

Features:

- Easy to operate for precise and inexpensive grinding of twist drill bits with two cutting edges
- Drill bit grinding without prior experience - clean, fast and precise
- Easy to transport
- Diamond grinding stone with long service life for the perfect grind
- Fully equipped with ER spring collets in the machine interior

Specifications:

<table>
<thead>
<tr>
<th>GH 10T</th>
<th>GH 15T</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electrical Connection</strong></td>
<td>230 V / 1ph - 50Hz</td>
</tr>
<tr>
<td><strong>Motor power</strong></td>
<td>180 W</td>
</tr>
<tr>
<td><strong>Grinding Wheel</strong></td>
<td>Steel disc, coated with cubic crystalline boron nitride</td>
</tr>
<tr>
<td><strong>Collet chuck holder</strong></td>
<td>ER 20</td>
</tr>
<tr>
<td><strong>Din 6499</strong></td>
<td>DIN 6499</td>
</tr>
<tr>
<td><strong>Speed variable (RPM)</strong></td>
<td>5300</td>
</tr>
<tr>
<td><strong>Tip Angle Sharpening</strong></td>
<td>90 - 135°</td>
</tr>
<tr>
<td><strong>Grinding capacity Drill</strong></td>
<td>3 - 13 mm</td>
</tr>
<tr>
<td><strong>Dims (LxWxH cm)</strong></td>
<td>31 x 18 x 19</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>9.5 Kg</td>
</tr>
</tbody>
</table>

Included as standard:

- Grinding disc
- With blunt cutting edges
- Ground and tip sharpened

GH 10T
- 11 pcs. spring collets ER 20 sizes Ø 2 to Ø 13 mm
- Grinding disc

GH 15T
- 6 pcs. spring collets ER 20 sizes Ø 3 to Ø 8 mm
- 22 pcs. spring collets ER 40
- Grinding disc

Accessories:

GH 10T
- Replacement grinding disc Crystalline cubic boron nitride
  - Grain size: 170 - 200
  - Applications: High-speed steel (HSS)
  - 0310-0126

GH 15T
- Replacement grinding disc Crystalline cubic boron nitride
  - Grain size: 170 - 200
  - Applications: High-speed steel (HSS)
  - 0310-0127

GH 10T
- Replacement grinding disc Diamond
  - Grain size: 150
  - Applications: carbides
  - 0310-0131

GH 15T
- Replacement grinding disc Diamond
  - Grain size: 150
  - Applications: carbides
  - 0310-0132