MICROMAT Screwdrivers
The basic solution for almost all screwdriving tasks
straight design - torque from 0.02 to 0.7 Nm (3 to 97 in.oz)

- robust
- completely accurate
- ergonomic, long life, quiet

The particular strength of the MICROMAT screwdriver - scarcely larger than a pen - is that it can carry out screw assemblies with torque ranges from 2 Ncm to 70 Ncm. The slim MICROMAT screwdriver is extremely durable. This is ensured by its specific design for heavy industrial use and its extraordinary processing quality. The ergonomic design of the handle guarantees ease of use during continuous operation.

The MICROMAT clutch works with the tried and tested principle of a mechanical disengagement and shut-off clutch. This extremely accurate shut-off clutch allows torque precision of < ±3% standard deviation, which is maintained for millions of screw assemblies. When used under the correct conditions DEPRAG pneumatic screwdrivers with shut-off clutch conform with a Cmk value of ≥1.67 with a tolerance requirement of ±10% in relation to 6 Sigma according to ISO 5393. In other words a Cmk value of 1.67 means that there is a failure rate of 0.6 per million screw assemblies.
### TECHNICAL DATA

<table>
<thead>
<tr>
<th>Screwdriver Style</th>
<th>Type</th>
<th>Motor Size 0</th>
<th>Motor Size 0 with seek-function*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screwdriver right-rotation, right shut-off</td>
<td>Part no.</td>
<td>345-308</td>
<td>345-408</td>
</tr>
<tr>
<td>Push-To-Start</td>
<td>339267A</td>
<td>345763A</td>
<td>385162A</td>
</tr>
<tr>
<td>Screwdriver in combination with feeder</td>
<td>Part no.</td>
<td>345Z-308</td>
<td>345Z-408</td>
</tr>
<tr>
<td></td>
<td>338053A</td>
<td>338053E</td>
<td>338053G</td>
</tr>
</tbody>
</table>

#### Screws
- **Torque** min. Ncm/in.oz: 2/2.84
- **soft pull-up** max. Ncm/in.oz: 50/71
- **hard pull-up** max. Ncm/in.oz: 60/85.2
- **Speed**, idling rpm: 1600
- **Air consumption** m³/min/cfm: 0.1/3.5
- **Main body dia.** mm/in.: 17/11/16
- **Length / length version “Z”** mm/in.: 152/6 / 123/4/16
- **Weight** kg/lbs: 0.15/0.33
- **Noise level** dB(A): 65
- **Air hose dia.** mm/in.: 3/1/8
- **Hose dia. for screw suction** mm/in.: 3/1/8
- **Internal hex. drive DIN ISO 1173** B3 (3 mm/.118”) B3 (3 mm/.118”) B3 (3 mm/.118”) B3 (3 mm/.118”) B3 (3 mm/.118”)
- **Suitable tool inserts and connecting components with a drive as per DIN ISO 1173** A3 (3 mm/.118”) A3 (3 mm/.118”) A3 (3 mm/.118”) A3 (3 mm/.118”) A3 (3 mm/.118”)
- **Quick change chuck, mounted** yes

#### Screwdriver reversible, right shut-off
- **Push-To-Start** Part no. 345-308U | 345-408U | 345-708U | 345-508U | 345-508U2 |
| Part no. | 339269A | 345764A | 385163B | 339270A | 341124B |

- **Screws**
  - up to M3
- **Noise level** dB(A): 65
- **Air consumption** m³/min/cfm: 0.1/3.5
- **Main body dia.** mm/in.: 17/11/16
- **Length** mm/in.: 167/6/16
- **Weight** kg/lbs: 0.17/0.38
- **Quick change chuck, mounted** yes

### Optional Equipment

- **Exhaust hose (1m/3.28ft.)** Part no. 806113
- **Spring sleeve cpl. (in connection with finder, see leaflet: inserting tools D3320E)** Part no. 364670A
- **Foam rubber grip** Part no. 833058

### Included in delivery:
- Hose coupling with nozzle, nipple (mounted)
- Torque adjustment tool
- Assortment of clutch springs

### Performance data relate to an air pressure of 6.3 bar (90 PSI)

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