## Collet Chuck

<table>
<thead>
<tr>
<th>Product</th>
<th>Inside Diameter : ød</th>
<th>Fit to</th>
<th>Model</th>
<th>Code No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHC Group</td>
<td>ø1.6</td>
<td>IC-300, KC-300</td>
<td>CHC-1.6</td>
<td>90416</td>
</tr>
<tr>
<td></td>
<td>ø2.35</td>
<td></td>
<td>CHC-2.35</td>
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</tr>
<tr>
<td></td>
<td>ø3.0</td>
<td></td>
<td>CHC-3.0</td>
<td>90430</td>
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<tr>
<td></td>
<td>ø3.175</td>
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<td>CHC-3.175</td>
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<td>CHG Group</td>
<td>ø1.0, ø1.5, ø2.0, ø2.5, ø3.0, ø3.15</td>
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<td>CHG-2.35</td>
<td>91192</td>
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<tr>
<td></td>
<td>ø3.0</td>
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<td>CHG-3.0</td>
<td>91100</td>
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<tr>
<td></td>
<td>ø3.175</td>
<td></td>
<td>CHG-3.175</td>
<td>91193</td>
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<tr>
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<td>ø4.0</td>
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<td>CHG-4.0</td>
<td>91194</td>
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<td></td>
<td>ø5.0</td>
<td></td>
<td>CHG-5.0</td>
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<td>CHH Group</td>
<td>ø1.0, ø1.5, ø2.0, ø2.5, ø3.0, ø3.175</td>
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<td>CHH-2.35</td>
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<tr>
<td></td>
<td>ø2.35</td>
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<td>CHH-3.0</td>
<td>90630</td>
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<tr>
<td></td>
<td>ø3.0</td>
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<td>CHH-3.175</td>
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<td>CHM Group</td>
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<td>BMH-300</td>
<td>CHM-2.35</td>
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<td>ø3.0</td>
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<td>ø3.175</td>
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<td>CHM-3.175</td>
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</tbody>
</table>

## Chuck Nut

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Fit to</th>
<th>Model</th>
<th>Code No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chuck Nut</td>
<td>IG-400 (for NKM6 Group)</td>
<td>CHN-6</td>
<td>2104</td>
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</table>

## Parts

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Fit to</th>
<th>Model</th>
<th>Code No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Straight Cord</td>
<td>1.5 m with Switch</td>
<td>ENK-410S (Standard Type Motor)</td>
<td>ENKC-410S</td>
<td>60886</td>
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<td></td>
<td></td>
<td>ENKCD-410T (Torque Type Motor)</td>
<td>ENKC-410T</td>
<td>60889</td>
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<tr>
<td>Power Supply Cord</td>
<td>Control Unit : Emax EVOlution NE249</td>
<td>K-269</td>
<td>1484</td>
<td></td>
</tr>
<tr>
<td>Foot Control</td>
<td></td>
<td>Control Unit : Emax EVOlution NE249</td>
<td>FC-64</td>
<td>8106</td>
</tr>
<tr>
<td>Handpiece Holder</td>
<td></td>
<td>Control Unit : Emax EVOlution NE249</td>
<td>K-273</td>
<td>8107</td>
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<tr>
<td>Handpiece Stand</td>
<td></td>
<td></td>
<td>K-274</td>
<td>8104</td>
</tr>
</tbody>
</table>

**Note:** Please mention "Code Number" upon your order.
Provides choice of various applications.

2 Types of Motors
- Standard Type Motor: 1,000~40,000 min⁻¹ (ENK-410S)
- Torque Type Motor: 1,000~25,000 min⁻¹ (ENK-250T)

*Exclusive use for Emax EVOlution

NAKANISHI Smart Switch
- The switch provides a click sensation.
- A confirmation tone is reacted by the control unit when the switch is operated. The motor type is distinguishable by the switch color.

**Standard Type Motor: 1,000~40,000 min⁻¹ (ENK-410S)**
- Motor speed: 1,000~40,000 min⁻¹

**Torque Type Motor: 1,000~25,000 min⁻¹ (ENK-250T)**
- Motor speed: 1,000~25,000 min⁻¹

Excellent Durability
- High-performance brushless motor eliminates the need of changing carbon brushes.
- RPM variation is minimal even when load changes. Allowing difficult and stable cutting in stress free motion. Suitable performance for finish grinding.

Provides superior quietness and smoothness from low speed to high speed.
**RING TYPE STANDARD SET**

Capable for wide range of applications. An excellent total balance in motor performance and dimension against required rotational speed.

1,000~40,000 min⁻¹

* New Ring Type IR-310 is the standard attachment for Emax EVOlution standard set EV410-120, EV410-230.

**RING TYPE TORQUE SET**

For heavy duty and larger tools, Torque type promises to extend operation ranges.

1,000~25,000 min⁻¹

* New Ring Type IR-310 is the standard attachment for Emax EVOlution torque set EV250-120, EV250-230.

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**System Chart**

**Attachment**

- Ring Type
- Lever Type
- 50° Angle Type
- 45° Angle Type
- Straight Type
- LUSTER (Reciprocating motion)
- 6 mm Torque Type
- 90° Mini Angle Type (Very Small Head)
- 90° Mini Angle Type (Reciprocating motion)
- 90° Mini Angle Type (Ring Seal/Head)
- FINE BELL SANDER

**Speed Reducer/Extension Joint**

- Extension Joint
- 1/4 Speed Reducer
- 1/15 Speed Reducer
- 1/11 Speed Reducer
- May be connected between the motor and the attachment when required to increase torque.

**Motor**

- Standard Type Motor with Cord
- Torque Type Motor with Cord
- Exclusively use for Emax EVOlution

**Control Unit**

- Built-in Motor
- Built-in Motor
- Built-in Motor

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**Standard** Equipment

- Emax EVOlution Control Unit
- LUSTER (Reciprocating motion)
- Micro Grinder (IR-310+ENK-250T) : 1 pc.
- Collet Chuck ø3.0 mm (CHH-3.0), ø2.35 mm (CHH-2.35) : 1 pc. each
- Control Unit (NE249) : 1 pc.
- Handpiece Holder : 1 pc.
- Handpiece Stand : 1 pc.
- Power Supply Cord : 1 pc.
- Spanner (7 x 5.1) : 1 pc.
- Pin Spanner (K-233) : 1 pc.
- L Shaped Spanner : 1 pc.

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**Maximum Allowable Speed**

- Continuous Use: Depending on material cut and other application variables.
- Intermitent Use: Continuous Use may change depending on the material being cut and other application variables.

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Please mention "Code Number" upon your order.
### Emax Evolution Attachments

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Specifications</th>
</tr>
</thead>
</table>
| **Emax Evolution Control Unit** | Weight: 2.3 kg  
Power Source: AC 120/230V, 50-60Hz  
Dimensions: W130 x D254 x H97 mm |
| **Standard Type Motor with Cord** | Weight: 90 g  
Max. Torque: 4.3 cN·m  
with Straight Cord 1.5 m  
Max. Power: 120W  
Speed: 1,000~30,000 min⁻¹ |
| **Torque Type Motor with Cord** | Max. tool shank diameter ø3.2 mm, Screw clamp type.  
| **Ring Type Attachment** | ø15  
Accessory: Standard Accessories 1 set (Wrench, Allen Wrench 3 mm) |
| **Lever Type Attachment** | ø25 mm (variable)  
Reciprocating Stroke (variable) : 0~7,600 times/min  
Max. Power : 76W  
Speed : 1,000~25,000 min⁻¹ |
| **Straight Type Attachment** | ø24.5 mm (CHH-2.35)  
Pin Spanner (1.5 mm) 1 pc. |
| **6 mm Torque Type Attachment** | ø20 mm (variable)  
Reciprocating Stroke (variable) : 0~7,600 times/min  
Max. Power : 76W  
Speed : 1,000~25,000 min⁻¹ |
| **Long Type Attachment for Deep Hole Drilling ø13 mm** | ø18.9 mm (CHH-2.35)  
Pin Spanner (1.5 mm) 1 pc. |
| **90° MINI ANGLE TYPE Attachment for Chiseling Deep Hole (Very Small Head)** | ø8.5 mm (CHH-2.35)  
Pin Spanner (1.5 mm) 1 pc. |
| **45° ANGLE Attachment** | ø6.8 mm (CHH-2.35)  
Pin Spanner (1.5 mm) 1 pc. |

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### Emax Evolution Attachments

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Specifications</th>
</tr>
</thead>
</table>
| **MINI-LUSTER Attachment (Pen Type Polished, Reciprocating Motor)** | ø150 mm  
Max. tool shank diameter ø3.2 mm, Screw clamp type.  
Stroke range (Fixed): 1.0 mm  
Accessory: Standard Accessories 1 set  
Allen Wrench (2.3 mm) 1 pc.  
Lubrication Nozzle (LUSTER) 1 pc.  
Pin Spanner (K-233) 1 pc. |
| **SWING-LUSTER Attachment (Pen Type Polished, Right Left Motor)** | ø25 mm  
Max. tool shank diameter ø5.0 mm, Screw clamp type.  
Accessory: Standard Accessories 1 set  
Allen Wrench (2.3 mm) 1 pc. |
| **Hammer Attachment for Engineering and Ornament Processing Work** | ø90º MINI  
Max. Torque 4.3 cN·m  
with Straight Cord 1.5 m  
Max. Power : 140W  
Speed : 30,000~150,000 min⁻¹ |
| **FINE BELT SANDER Attachment** | ø90º MINI  
Max. Torque 4.8 cN·m  
with Straight Cord 1.5 m  
Max. Power : 160W  
Speed : 35,000~150,000 min⁻¹ |

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*Maximum Allowable Speed, intermittent use.
1: Maximum Allowable Speed, continuous use.
2: Maximum Allowable Speed, continuous use.
* Please mention "Code Number" upon your order.