**400-5C**

**400W-5C**

Coolant/Air Blast model

All standard collet chucks use same air tubes and adapters as Northfield's air chucks and diaphragm chucks.

**Specifications:**
- **Size:** 4 Inch
- **Max. Speed:** 15,000 rpm
- **Repeatability:** (Max. Concentricity): .0001 to .0007*
- **Repeatability:** (Max. End Lengths): 50 millionths (1.27µ)
- **Weight:** 7.5 lb / 3.40 kg
- **Draw Force:** 0 to 650 lb

**Materials:**
- **Body:** Alloy Steel 59/63 RC
- **Other Components:** Alloy Steel 50 RC

*Concentricity depends on quality of collet.

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**400-5C**

**400W-5C**

Coolant/Air Blast model

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- **Size:** 4 Inch
- **Max. Speed:** 15,000 rpm
- **Repeatability:** (Max. Concentricity): .0001 to .0007*
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- **Body:** Alloy Steel 59/63 RC
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- **Other Components:** Alloy Steel 50 RC

*Concentricity depends on quality of collet.
**Specifications:**

- **Size:** 4 Inch
- **Max. Speed:** 15,000 rpm
- **Repeatability:** (Max. Concentricity): .0001 to .0007*
- **Repeatability:** (Max. End Lengths): 50 millionths (1.27µ)
- **Weight:** 7.5 lb / 3.40 kg
- **Draw Force:** 0 to 650 lb

**Materials:**

- **Body:** Alloy Steel 59/63 RC
- **Other Components:** Alloy Steel 50 RC

*Concentricity depends on quality of collet.

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**400S-5C
400SW-5C**

Coolant/Air Blast model

All standard collet chucks use same air tubes and adapters as Northfield's air chucks and diaphragm chucks.
6 Inch Precision Collet Chucks

600-5C 600W-5C 600S-5C 600SW-5C

600-5C 600W-5C
Coolant/Air Blast model

All standard collet chucks use same air tubes and adapters as Northfield’s air chucks and diaphragm chucks.

Specifications:
Size: 6 Inch
Max. Speed: 15,000 rpm
Repeatability: (Max. Concentricity) .0001 to .0007*
Repeatability: (Max. End Lengths) 50 millionths (1.27µ)
Weight: 13 lb / 5.89 kg
Draw Force: 0 to 1750 lb

Materials:
Body: Alloy Steel 59/63 RC
Other Components: Alloy Steel 50 RC

*Concentricity depends on quality of collet.

600-5C

600W-5C
Coolant/Air Blast model

600-5C

600W-5C
**600S-5C 600SW-5C**

**Coolant/Air Blast model**

All standard collet chucks use same air tubes and adapters as Northfield’s air chucks and diaphragm chucks.

### Specifications:

- **Size:** 6 Inch
- **Max. Speed:** 15,000 rpm
- **Repeatability:** (Max. Concentricity): .0001 to .0007*
- **Repeatability:** (Max. End Lengths): 50 millionths (1.27µ)
- **Weight:** 13 lb / 5.89 kg
- **Draw Force:** 0 to 1750 lb

### Materials:

- **Body:** Alloy Steel 59/63 RC
- **Other Components:** Alloy Steel 50 RC

*Concentricity depends on quality of collet.*
6 Inch Precision Collet Chucks

**600-16C  600W-16C  600-3J  600W-3J**

**Specifications:**
- **Size:** 6 inch
- **Max. Speed:** 15,000 rpm
- **Repeatability:** (Max. Concentricity): .0001 to .0007*
- **Repeatability:** (Max. End Lengths): 50 millionths (1.27µ)
- **Weight:** 13 lb / 5.89 kg
- **Draw Force:** 0 to 1750 lb

**Materials:**
- **Body:** Alloy Steel 59/63 RC
- **Other Components:** Alloy Steel 50 RC

*Concentricity depends on quality of collet.

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**600-16C  600W-16C**

Coolant/Air Blast model

All standard collet chucks use same air tubes and adapters as Northfield's air chucks and diaphragm chucks.

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**600-16C**

- **3/4-16 UNF - 2B THRD FOR DEAD STOP**
- **4.275 TO FACE OF DEAD STOP MOUNTING**
- **5.410**
- **.100 STROKE**
- **(5) PLUG SCREWS**

**600W-16C**

Coolant/Air Blast model

- **COOLANT/AIR BLAST THRU CENTER**
- **(6) 10-32 TOOLING HOLES**
- **DRILL Ø .272 THRU CBORE Ø .406 x .270 DP**

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**Draw Force:** 0 to 1750 lb

**Materials:**
- **Body:** Alloy Steel 59/63 RC
- **Other Components:** Alloy Steel 50 RC

*Concentricity depends on quality of collet.
600-3J

600W-3J

Coolant/Air Blast model

All standard collet chucks use same air tubes and adapters as Northfield’s air chucks and diaphragm chucks.

Specifications:
- Size: 6 Inch
- Max. Speed: 15,000 rpm
- Repeatability: (Max. Concentricity): .0001 to .0007*
- Repeatability: (Max. End Lengths): 50 millionths (1.27µ)
- Weight: 13 lb / 5.89 kg
- Draw Force: 0 to 1750 lb

Materials:
- Body: Alloy Steel 59/63 RC
- Other Components: Alloy Steel 50 RC

*Concentricity depends on quality of collet.
NORTHFIELD

Precision Collet Chucks

Applications
• Turning, grinding, boring, milling, measuring, inspection, material handling, robotics, CNC, EDM.
• All machines: rotating, stationary, vertical, horizontal.
• Universal workholding: internal, external, rigid.

Productivity
• Hardened and ground DEAD stop.
• Finger tip control can triple output.
• Automatic self-centering.
• Uniform pre-determined holding pressure.
• Adjustable jaw force for semi-rough or fragile holding.
• Automatic or manual operation.

Reliability
• Rotary joint air bearing eliminates metal-to-metal wear for extremely long life.
• Simple, sophisticated design, all components hardened and ground.
• Balanced to operate at high speeds.
• Built-in, self-contained air cylinder.
• Built-in safety features.

NORTHFIELD—The Precision Workholding Source
• Workholding leadership in accuracy, reliability, repeatability, concentricity and productivity.
• Chuck sizes: 4 in. (103mm) & 6 in. (152mm).
• Coolant/Air Blast models.
• Engineered workholding consultation services.

USES SAME AIR TUBES AND ADAPTERS AS NORTHFIELD AIR CHUCKS.