**SPINDLE ADAPTER SELECTION GUIDE**

**DETERMINING SPINDLE TYPE & SIZE**

Spindle Type A1 and A2

Chucks with A2 mounts can be installed on either A1 or A2 spindle nose.

**Camlock Spindle Type D1**

**Spindle Type L**

Long Taper Key Drive

**Threaded Spindle**

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Call Us Today For All Of Your Machine Tool Needs!

2019-20 MASTER CATALOG
**SET-TRU Chuck Features and Benefits:**
- Fine adjustment, 3 pinion design
- Forged steel body
- 4 micro-adjustment screws provide .0004" T.I.R. repeatability
- Two pieces top and master jaws are American Standard tongue and groove
- Scrolls are forged and fully hardened, thread flanges ground on both sides.
- Each chuck is balanced within .001 for longer life and higher accuracy
- Each scroll is precisely balanced
- Jaw teeth and guides on both sides are fully hardened and ground
- Each chuck is balanced within .001 for longer life and higher accuracy
- Full metric size for universal scroll chucks require tighter tolerances. Outstanding accuracy, versatility and long life makes Bison SET-TRU chucks invaluable in the workshop and indispensable in the classroom.

**BACKPLATES FOR SET-TRU® CHUCKS**
- Forged Steel Body, Two-Piece Top Reversible Jaws
- With Fine Adjustment, 0.0004" T.I.R.

**3 JAW SET-TRU® SCROLL CHUCKS**

<table>
<thead>
<tr>
<th>Size</th>
<th>Part Number</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>3&quot;</td>
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**4 JAW SET-TRU® SCROLL CHUCKS**

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**6 JAW SET-TRU® SCROLL CHUCKS**

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**REPLACEMENT PARTS FOR SET-TRU® CHUCKS**

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**3 JAW SCROLL CHUCKS**

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**4 JAW SCROLL CHUCKS**

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**6 JAW SCROLL CHUCKS**

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**Master Jaw Set**

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**Set Tru Chucks**

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**Call Us Or Visit Our Website For Our Complete Selection!**

**2019-20 MASTER CATALOG**
BUCK CHUCK is continuously striving to make its products better so that your production can be more efficient. Buck has engineered and built some of the finest chucks in the world for over 75 years. Replacement parts and accessories also available.

FULL LINE AVAILABLE! Please call for more information.

BUCK CHUCK

FORGED STEEL BODY SCROLL CHUCKS

Model ATSC- Hardened Reversible Top Jaws

FEATURES:
- Adjust-To-the-original, renowned adjustment mechanism
- Hardened and ground scroll and jaws
- 3 Jaw Model recommended for general O.D. or I.D. workholding. These chucks remain accurate throughout the life of the toolholder.
- 4 Jaw Model is ideal for thin walls and austen operation machining.

Eliminates the need for collets as a 0° chuck can handle the work of more than 100 separate collets.
- Chucks supplied with jaws, wrench and mounting screws

Please call for more information.

Call Us Today For All Of Your Machine Tool Needs!

2019-20 MASTER CATALOG
TMX™ SET-TRU SCROLL CHUCKS

SET-TRU SCROLL CHUCKS
With Fine Adjustment, 0.0006" T.I.R.
Forged Steel Body, Two-Piece Top Reversible Jaws

TMX SET-TRU Scroll Chucks can be used for all machining operations where universal chucks are used, along with applications where universal scroll chucks require tighter tolerances.

SET-TRU Chuck Features and Benefits:
- Fine adjustment, 0.0006" T.I.R.
- Forged steel body
- 3-piece design
- 4-micro adjustment screws provide .0024" T.I.R. repeatability
- Two-piece top and master jaws are American Standard tongue and groove
- Scrolls are forged and fully hardened with thread flanks ground on both sides, then precisely balanced for longer life and higher accuracy
- Jaw teeth and guides on both sides are fully hardened and ground
- Plain back chuck—mounting plates required.

CHUCK KEYS
- Crafted from high-quality tool steel
- Available in standard and self-ejecting models
- Self-ejecting models have a 3/4" x 14 thread
- Plain back chuck—mounting plates required.

LATHE CHUCK SAFETY WRENCHES
- Spring-lead sleeve keeps the wrench from the chuck after each use
- Chamfered end for easy entry
- Designed to provide proper loads for additional of the wrench weight
- Helps prevent accidents

BACKPLATES FOR SET-TRU® CHUCKS
- Fully machined steel backplates for precision accuracy TMX Set-Tru® Chucks

BI-3868-0600P  $1,202.48
BI-3868-0500P  $1,000.88
BI-3868-0800P  $1,475.90
BI-3868-1000P  $1,670.72
BI-3868-1200P  $2,285.21
BI-3868-1600P  $4,414.35

Backplates

BI-3874-065P $219.82
BI-3874-085P  $232.88
BI-3874-086P  $232.88
BI-3874-105P  $276.26
BI-3874-106P  $276.26
BI-3874-108P  $276.26
BI-3874-126P  $431.41
BI-3874-128P  $431.41
BI-3874-168P  $688.01

SAFETY WRENCHES
- Helps prevent accidents
- High visibility yellow handle
- Chamfered end for easy entry
- Spring-loaded sleeve ejects the wrench

BI-3874-065P $219.82
BI-3874-085P  $232.88
BI-3874-086P  $232.88
BI-3874-105P  $276.26
BI-3874-106P  $276.26
BI-3874-108P  $276.26
BI-3874-126P  $431.41
BI-3874-128P  $431.41
BI-3874-168P  $688.01

BI-3875-063P  $340.82
BI-3875-064P  $340.82
BI-3875-084P  $372.77
BI-3875-085P  $372.77
BI-3875-086P  $385.73
BI-3875-106P  $538.68
BI-3875-108P  $566.02
BI-3875-126P  $755.30
BI-3875-128P  $755.30
BI-3875-168P  $912.65

FXB-15473 $114.37
FXB-15470 $114.37
FXB-15471 $114.37
FXB-15474 $114.37
FXB-15472 $114.37
FXB-15478 $126.44
FXB-15477 $126.44
### ZERO-SET MANUAL CHUCKS

With Top Reversible Jaws

**FEATURES:**
- High precision - .004" TIR repeatability on duplicated parts
- Forged steel body or cast iron body
- 3-piece reversible jaws for OD and ID work
- Scroll and jaws hardened and ground for increased life and gripping force
- Must be used with "Zero-Set" backplates from BTC

<table>
<thead>
<tr>
<th>Chuck Size</th>
<th>Max RPM</th>
<th>Price (in USD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 1.535&quot;</td>
<td>3,400</td>
<td>$391.00</td>
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<tr>
<td>8&quot; 2.384&quot;</td>
<td>3,100</td>
<td>$684.25</td>
</tr>
<tr>
<td>10&quot; 3.352&quot;</td>
<td>2,700</td>
<td>$963.05</td>
</tr>
<tr>
<td>12&quot; 4.232&quot;</td>
<td>2,200</td>
<td>$2,228.70</td>
</tr>
</tbody>
</table>

### D-MOUNT BACKPLATES

- **BT-CD266** $836.00
- **BT-CD267** $836.00
- **BT-CD212** $497.80
- **BT-CD211** $371.45
- **BT-CD210** $371.45
- **BT-CD207** $454.10
- **BT-CD209** $339.15
- **BT-CD208** $323.00
- **BT-CD207** $454.10
- **BT-CD202** $267.90
- **BT-CD201** $267.90
- **BT-CD203** $267.90

### A-MOUNT BACKPLATES

- **BT-AS349** $760.00
- **BT-AS313** $415.15
- **BT-AS312** $342.00
- **BT-AS311** $342.00
- **BT-AS308** $339.15
- **BT-AS307** $358.15
- **BT-AS303** $323.00
- **BT-AS302** $267.90

### L-MOUNT BACKPLATES

- **BT-LT-108** $323.00
- **BT-LT-177** $869.25
- **BT-LT-176** $869.25
- **BT-LT-116** $633.65
- **BT-LT-115** $633.65
- **BT-LT-113** $420.85
- **BT-LT-112** $382.85
- **BT-LT-109** $349.60
- **BT-LT-101** $257.45

### THREADED MOUNT BACKPLATES

- **BT-TH-958** $257.45
- **BT-TH-951** $257.45
- **BT-TH-999** $633.65
- **BT-TH-997** $633.65
- **BT-TH-995** $382.85
- **BT-TH-950** $257.45

### REPLACEMENT PARTS FOR ZERO SET CHUCKS

<table>
<thead>
<tr>
<th>Replacement Parts</th>
<th>Price (in USD)</th>
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</thead>
<tbody>
<tr>
<td>Master Jaws</td>
<td></td>
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<tr>
<td>Top Jaws</td>
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<tr>
<td>Chuck Body (2 Pcs)</td>
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<tr>
<td>Chuck Screw</td>
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<tr>
<td>Set Screw</td>
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<tr>
<td>Chuck Wrench</td>
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</table>

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<th>Replacement Parts</th>
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<td>Master Jaws</td>
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<td>Top Jaws</td>
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<td>Chuck Body (2 Pcs)</td>
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<tr>
<td>Chuck Screw</td>
<td></td>
</tr>
</tbody>
</table>

**Call Us Today For All Of Your Machine Tool Needs!**

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**ZERO SET MOUNTING PLATES**

**FEATURES:**
- Designed for easy installation
- Minimizes overhang by virtue of recessed design
- Fully finished mounting plates

<table>
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**TOOLHOLDERS & MACHINES**

**INDEXABLE DRILLS & TOOLS**

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<tr>
<th>Drill Size</th>
<th>Price (in USD)</th>
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</table>
BISON™ MANUAL CHUCKS

3 JAW SELF-CENTERING SCROLL CHUCKS
Forged Steel & Semi-Steel Body
Plain Back Chuck-Backplate Required

Exremely accurate and guaranteed to maintain exceptional accuracy for an extended period of time, these chucks have a modern and compact design. For use wherever high precision machining is needed.

- Forged or semi-steel body
- All bearing surfaces are carefully hardened and precisely machined
- Scroll is made of fine quality alloy steel and carefully case hardened
- Thread flanks are ground on both sides
- Each scroll is balanced
- Teats and guides are hardened and fully ground on both sides
- 3 pinion design
- Hardened and ground pinions

Two-Piece Reversible Jaw Chucks are provided with:
- 2 sets of adjuster washer pins
- 2 sets of mounting bolts
- 2 sets of hard solid OD jaws
- Thru holes for chuck 15" & larger

Semi Steel Body

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Solid Jaw Style Chucks are provided with:
- 1 set of standard solid OD jaws
- 1 set of mounting bolts
- 5 pin key
- Eye bolts for chuck 15" & larger

Forged Steel Body

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Two-Piece Jaw Style

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Full Machined D1 Backplates

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Full Machined Type L Backplates

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<th>Size</th>
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<td>819.00</td>
<td>$2,386.40</td>
</tr>
</tbody>
</table>

Back View

Call Us Or Visit Our Website For Our Complete Selection!

2019-20 MASTER CATALOG 79
**3 JAW SELF-CENTERING SCROLL CHUCKS**

Type A1 And A2 Direct Mount
With Two-Piece Hard Reversible Jaws

- **Type 3215**
- **Type A1 & A2 direct mount chucks**
- **Two piece “master jaw” style jaws**
- **Semi-steel body**
- **Type A1 spindles have a 2 bolt hole pattern, inside and outside the taper. Either an A1 or A2 chuck will fit**
- **Type A2 spindles have a 1 bolt hole pattern outside the taper-only an A2 chuck will fit**
- **Hardened and ground pinions**

**Type A2 Mount**
Threaded Direct Mount, With Two-Piece Hard Reversible Jaws

- **Type A1 Mount**
- **Threaded Direct Mount, With Two-Piece Hard Reversible Jaws**
- **3 JAW SELF-CENTERING SCROLL CHUCKS**
- **Type A1 Direct Mount Chucks-Type 3215**

<table>
<thead>
<tr>
<th>Size</th>
<th>Spindle</th>
<th>Thru Hole</th>
<th>Part Number</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>A1-1</td>
<td>1.55</td>
<td>BI-7801-0615</td>
<td>$893.20</td>
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<td>6&quot;</td>
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<tr>
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<td>10&quot;</td>
<td>A1-6</td>
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<td>BI-7801-0616</td>
<td>$898.10</td>
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<tr>
<td>12&quot;</td>
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**Type A1 Mount**
Threaded Direct Mount Chucks-Type 3245

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<tr>
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<td>D1-1</td>
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<td>BI-7803-0643</td>
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<td>15-3/4&quot;</td>
<td>D1-2</td>
<td>2.992</td>
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<td>20&quot;</td>
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<td>4.055</td>
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<td>D1-3</td>
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<td>32&quot;</td>
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<td>5.354</td>
<td>BI-7803-2038</td>
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**Type A2 Mount**
Threaded Direct Mount Chucks-Type 3285/3284

<table>
<thead>
<tr>
<th>Size</th>
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<th>Part Number</th>
<th>Price</th>
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<tr>
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<td>$742.50</td>
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</table>

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**Call Us Today For All Of Your Machine Tool Needs!**

**2019-20 MASTER CATALOG**
3 JAW SCROLL CHUCKS

3-JAW UNIVERSAL SCROLL CHUCKS
Plain Back • Forged Steel Body • 2-Piece Reversible Jaws

- Designed to handle precision or heavy duty machining demands.
- Two piece, master jaw style top jaws.
- Each scroll chuck is statically balanced for longer life and higher accuracy.
- All bearing surfaces carefully machined and hardened.
- Chuck bodies are drop forged and hardened to 28 HRc.
- Chuck bodies are drop forged and hardened to 28 HRc.
- Designed to handle precision or heavy duty machining demands.
- Each scroll chuck is statically balanced for longer life and higher accuracy.
- All bearing surfaces carefully machined for longer life and higher accuracy.
- Two piece, master jaw style top jaws.
- Designed to handle precision or heavy duty machining demands.
- Chuck bodies are drop forged and hardened.

FEATURES:
- 2-piece master jaw style jaws with top reversible jaws for ID and OD workholding.
- Semi-steel body.
- Scroll and jaws hardened and ground.
- Chuck bodies are drop forged and hardened to 28 HRc.

Check Dia Hole Dia Max RPM Ht Dia Part Number Price
6" 1.850 4000 29 BI-3020-060P $718.59
6" 2.100 4000 35 BI-3020-060P $964.53
12" 2.992 2000 111 BI-3020-120P $1,699.83
16" 3.554 2000 140 BI-3020-160P $2,248.82
20" 4.960 1000 243 BI-3020-200P $7,042.81
25" 9.921 1000 326 BI-3020-250P $16,112.51

3-JAW SCROLL CHUCKS
D-1 Direct Mount Type • 2-Piece Reversible Jaws

Direct mount camlock type D-1 no backplates required.
- Designed to handle precision or heavy duty machining demands.
- Each scroll chuck is statically balanced for longer life and higher accuracy.
- Chuck bodies are drop forged and hardened.

FEATURES:
- 2-piece master jaw style jaws with top reversible jaws for ID and OD workholding.
- Semi-steel body.
- Scroll and jaws hardened and ground.
- Chuck bodies are drop forged and hardened to 28 HRc.

Check Dia Spindle Dia Hole Dia Max RPM Ht Dia Part Number Price
6" D1-6 2.183 4000 52 BI-3023-060P $1,109.46
10" D1-8 2.866 2800 111 BI-3023-100P $1,507.88
12" D1-8 2.866 2800 115 BI-3023-120P $1,507.88
16" D1-8 2.866 2800 140 BI-3023-160P $2,248.82
20" D1-11 3.564 2000 161 BI-3023-200P $3,592.82
25" D1-11 3.564 2000 164 BI-3023-250P $3,592.82

3 JAW SCROLL CHUCKS
D-1 Direct Mount Type • 2-Piece Reversible Jaws

Plain Back • Forged Steel Body • 2-Piece Reversible Jaws

- Designed to handle precision or heavy duty machining demands.
- Each scroll chuck is statically balanced for longer life and higher accuracy.
- All bearing surfaces carefully machined and hardened.

PACKAGE INCLUDES:
- Chuck, Master Jaws, Top Jaws, T-Wrench & Mounting Screws

BI-3820-0836P $1,109.46
BI-3820-1036P $1,527.89
BI-3820-1236P $2,061.59
BI-3820-1238P $3,592.82
BI-3820-1638P $3,592.82
BI-3820-2038P $7,622.87
BI-3820-2500P $9,188.35
BI-3823-0836P $1,109.46
BI-3823-1036P $1,527.89
BI-3823-1038P $2,061.59
BI-3823-1238P $3,592.82
BI-3823-1638P $3,592.82
BI-3823-2039P $7,622.87
BI-3823-2539P $9,720.89
BI-3820-0800P $718.59
BI-3820-1000P $964.53
BI-3820-1200P $1,699.83
BI-3820-1600P $2,248.82
BI-3823-0800P $718.59
BI-3823-1000P $964.53
BI-3823-1200P $1,699.83
BI-3823-1600P $2,248.82

CHUCK/COLLET STOP
STOP-LOC Adjustable Stop

- Made in the USA.
- Dimensions: 0.125 "L x 0.244 "W x 0.100 "H.
- Made in the USA.

Stop-Loc Adjustable Stop

- Made in the USA.
- Dimensions: 0.125 "L x 0.244 "W x 0.100 "H.
- Made in the USA.

Stop-Loc Guide

- Made in the USA.
- Dimensions: 0.125 "L x 0.244 "W x 0.100 "H.
- Made in the USA.
FRONT MOUNTING/LOW PROFILE CHUCKS

2 & 4 JAW FRONT MOUNTING SELF-CENTERING SCROLL CHUCKS
With Top Reversible Jaws

BASE PLATES FOR FRONT MOUNTING CHUCKS

- Designed for use with BISON 3 and 4 jaw front mounting self-centering chuck
- For use on milling and drilling machines as well as on rotary tables with 3/8 and 4/8 safety
- Base plates are supplied with four mounting bolts with nuts and one MT pin

2-JAW SCROLL CHUCKS
With Soft Top Reversible Jaws

- Type 3105
- Semi-steel body
- Self-centering
- Plain back chuck
- Includes 1 set of hard master jaws, 1 set of soft top jaws, chuck wrench, 1 set of mounting bolts, 2 hex keys

LATHEGUARDS

- Clear Lexan Semi-Circular wrap-around guards
- Heavy duty Chrome-plated extension tube and hardware
- Ready to mount; simply affix mounting bracket using 3 screws
- Back of shield is ventilated with wire-form housing to allow air-exit... Functional posiiton
- Includes mounting bracket

TOOLHOLDERS & DRILL PRESSES

- 3, 4 & 6 jaw indexable drills
- Taps & Forming Reamers
- Quality tools & parts are BEARINGS & Accessories

LATHEGUARDS

- Prevent Accidents in The Workplace!

LATHEGUARDS

With Top Reversible Jaws

- 2-Jaw Scroll Chucks
- Semi-steel body
- Type 3105
- For use with BISON 3 and 4 jaw front mounting self-centering chuck
- Includes 1 set of hard master jaws, 1 set of soft top jaws, chuck wrench, 1 set of mounting bolts, 2 hex keys

LATHEGUARDS

- Forged steel body
- Tilt jaw chuck with two-piece hard reversible jaws
- Plain back-adapter plate sold separately
- Made in Poland

LATHEGUARDS

- Made in Poland

LATHEGUARDS

- Prevent Accidents in The Workplace!

LATHEGUARDS

- Made in Poland

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- Made in Police
**BISON™ 4 JAW MANUAL CHUCKS**

**4 JAW SELF-CENTERING SCROLL CHUCKS**

Semi-Steel Body Plain Back Chuck-Backplates Required Two-Piece or Solid Jaw Style

- Semi-steel body
- All bearing surfaces are carefully hardened and precisely machined
- Scroll is made of fine quality alloy steel and carefully case hardened
- Thread flanks are ground on both sides
- Teeth and guides are hardened and fully ground on both sides
- 3 point design
- See page 87 for backplates

<table>
<thead>
<tr>
<th>Type 4314</th>
<th>Spindle Thru Hole Max Dia Wt Part Number Price</th>
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<td>2 1-1/2 1.188 29 BI-7851-0501 $549.80</td>
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</tr>
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<td>3 1-1/2 1.188 30 BI-7851-1001 $899.70</td>
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</tr>
<tr>
<td>4 1-1/2 1.188 31 BI-7851-1501 $1,249.60</td>
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</tr>
<tr>
<td>5 1-1/2 1.188 32 BI-7851-2001 $1,599.50</td>
<td></td>
</tr>
</tbody>
</table>

**4 JAW INDEPENDENT CHUCKS**

Semi-Steel Body, Type A1/A2 Direct Mount With Hard Solid jaws

- Semi-steel body
- Solid jaws are made of high quality carbon steel and hardened
- Designed to grip round or odd shaped work
- Type A1 spindle has 2 bolt hole pattern, inside and outside the taper. Either an A1 or A2 chuck will fit
- Type A2 spindles have 1 bolt pattern outside the taper—only an A2 chuck will fit

<table>
<thead>
<tr>
<th>Solid Jaw Style Chucks are provided with:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• 1 set of hard solid ID jaws</td>
</tr>
<tr>
<td>• 2 eye bolts for chuck's 15&quot; &amp; larger</td>
</tr>
</tbody>
</table>

**4 JAW INDEPENDENT CHUCKS**

Semi-Steel Body, Type D1 Direct Mount With Hard Solid Jaws

- Semi-steel body
- Type D1 direct mount
- Solid jaws are made of high quality carbon steel and hardened
- Designed to grip round or odd shaped work

<table>
<thead>
<tr>
<th>Type 4344</th>
<th>Spindle Thru Hole Max Dia Wt Part Number Price</th>
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<tbody>
<tr>
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<td>7&quot; D1-6 1.3955 33 BI-7841-0701 $749.90</td>
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<tr>
<td>4&quot; D1-1 0.905 18 BI-7845-0401 $459.90</td>
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<tr>
<td>4&quot; D1-2 0.905 18 BI-7845-0402 $459.90</td>
<td></td>
</tr>
</tbody>
</table>

**4 JAW CHUCKS**

Forged Steel Body With 2 Piece Jaws

- 2 Piece "master jaw" style jaws
- Forged steel body
- Plain back
- Designed to grip round or odd shaped work
- 1 set of hard solid ID jaws
- 1 set of hard solid OD jaws
- 1 chuck wrench
- 2 hex keys
- 1 set of hard solid OD jaws
- 1 set of hard solid reversable ID jaw
- 1 set of hard solid reversable OD jaws
- 1 set of hard solid ID jaws
- 1 set of hard solid OD jaws
- 1 set of hard solid reversable ID jaw
- 1 set of hard solid reversable OD jaws
- 2 hex keys

<table>
<thead>
<tr>
<th>Solid Jaw Chucks are provided with:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• 1 set of hard solid ID jaws</td>
</tr>
<tr>
<td>• 1 set of hard solid OD jaws</td>
</tr>
<tr>
<td>• 1 set of hard solid OD jaws</td>
</tr>
<tr>
<td>• 1 set of hard solid ID jaws</td>
</tr>
</tbody>
</table>

Call Us Or Visit Our Website For Our Complete Selection! 2019-20 MASTER CATALOG!
FOUR JAW INDEPENDENT CHUCKS
SOLID JAWS OR TOP REVERSIBLE JAWS
DIRECT MOUNT TYPE D

**Package Includes:** Chuck, Master Jaws, Top Jaws, T-Wrench & Mounting Screws

<table>
<thead>
<tr>
<th>Chuck Size</th>
<th>Spindle Dia.</th>
<th>Thru-Hole</th>
<th>Weight (lbs)</th>
<th>Part Number</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot;</td>
<td>4-7/8&quot;</td>
<td>2.00&quot;</td>
<td>26.00</td>
<td>BTA-1204</td>
<td>$1,150.00</td>
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<tr>
<td>14&quot;</td>
<td>5-1/8&quot;</td>
<td>2.30&quot;</td>
<td>29.00</td>
<td>BTA-1405</td>
<td>$1,475.00</td>
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<tr>
<td>16&quot;</td>
<td>5-3/16&quot;</td>
<td>2.60&quot;</td>
<td>32.00</td>
<td>BTA-1606</td>
<td>$1,790.00</td>
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</tbody>
</table>

**Package Includes:** Chuck, Master Jaws, Top Jaws, T-Wrench & Mounting Screws

<table>
<thead>
<tr>
<th>Chuck Size</th>
<th>Spindle Dia.</th>
<th>Thru-Hole</th>
<th>Weight (lbs)</th>
<th>Part Number</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot;</td>
<td>4-7/8&quot;</td>
<td>2.00&quot;</td>
<td>26.00</td>
<td>BTA-1204</td>
<td>$1,150.00</td>
</tr>
<tr>
<td>14&quot;</td>
<td>5-1/8&quot;</td>
<td>2.30&quot;</td>
<td>29.00</td>
<td>BTA-1405</td>
<td>$1,475.00</td>
</tr>
<tr>
<td>16&quot;</td>
<td>5-3/16&quot;</td>
<td>2.60&quot;</td>
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<td>$1,790.00</td>
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**Clamping Range**

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<tr>
<th>Size</th>
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<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>M/P</th>
<th>S</th>
<th>L</th>
<th>O</th>
<th>D1</th>
<th>D2</th>
<th>Price</th>
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<td>4.74</td>
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<td>4.74</td>
<td>BT-1606</td>
<td>$1,790.00</td>
<td></td>
</tr>
</tbody>
</table>

**Low Profile, Self-Centering Forged Steel Body**

- Tailstock body is constructed from 4340 steel.
- Ideal for all types of milling, grinding, drilling, and tapping operations on vertical and horizontal CNC machines as well as conventional milling and grinding machines.
- Rigid and balanced for accurate chip evacuation.
- Body is designed for long service life and precision ground, square and parallel to an accuracy of 0.001".
- Repeatability, within ±0.0003" ±.
- Ideal for heavy-duty applications.
- Comes with 1 set of two-piece reversible jaws.

<table>
<thead>
<tr>
<th>Low Profile, Super Thin</th>
<th>Part Number</th>
<th>Price</th>
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<tbody>
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<td>8&quot; (dia)</td>
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<td>10&quot; (dia)</td>
<td>2.30&quot;</td>
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**Clamping Range**

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<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
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<th>M/P</th>
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<th>L</th>
<th>O</th>
<th>D1</th>
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<td>8&quot;</td>
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<td>12&quot;</td>
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<td>4.74</td>
<td>BT-1606</td>
<td>$1,790.00</td>
<td></td>
</tr>
</tbody>
</table>

**Call Us Today For All Of Your Machine Tool Needs!**

84 2019-20 MASTER CATALOG
# BISON™ REPLACEMENT PARTS

## REPLACEMENT PARTS FOR BISON CHUCKS

### HARD TOP JAWS-OEM STYLE

American Standard Tongue & Groove Jaws

**Semi-Steel Body Only**

For Bison Chucks With

- **SPARE PARTS FOR 2, 3 & 4-JAW SCROLL CHUCKS**
- **FOR 3 & 4-JAW SELF-CENTERING SCROLL CHUCKS**

## ID & OD HARD SOLID JAWS

FOR 3 & 4-JAW SCROLL CHUCKS

### ID Jaws

<table>
<thead>
<tr>
<th>Jaws Style</th>
<th>2-Jaw Chucks (Price)</th>
<th>3-Jaw Chucks (Price)</th>
<th>4-Jaw Chucks (Price)</th>
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<tbody>
<tr>
<td>ID Jaws</td>
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### OD Jaws

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<tr>
<th>Jaws Style</th>
<th>2-Jaw Chucks (Price)</th>
<th>3-Jaw Chucks (Price)</th>
<th>4-Jaw Chucks (Price)</th>
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<td>OD Jaws</td>
<td></td>
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## SPARE PARTS FOR 2, 3 & 4-JAW CHUCKS

For Bison Chucks With

- Semi-Steel Body Only

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
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## BISON™ REPLACEMENT PARTS

### HARD MASTER JAWS

FOR 2, 3 & 4-JAW SELF-CENTERING SCROLL CHUCKS

American Standard Tongue & Groove Jaws

**Hard Master Jaws**

For 2, 3 & 4-Jaw Self-Centering Scroll Chucks

**ID & OD Hard Solid Jaws**

For 3 & 4-Jaw Scroll Chucks

**Spare Parts for 2, 3 & 4-Jaw Chucks**

For Bison Chucks With

- Semi-Steel Body Only

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
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<td>BI-7889-016</td>
<td>4-Jaw Chucks (Price)</td>
<td>$85.00</td>
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</tbody>
</table>

## CALL US OR VISIT OUR WEBSITE FOR OUR COMPLETE SELECTION!

2019-20 MASTER CATALOG

85
CHUCK JAWS
LATHE WORKHOLDING
MACHINE VISES
TOOLHOLDERS
TAP HOLDERS
INDEXABLE DRILLS
Boring & Boring Tools
ABRASIVES
MEASURING TOOLS
MRO & SAFETY
FLAT STOCK/DRILL ROD

OIL COUNTRY CHUCKS

4 JAW INDEPENDENT CHUCKS
Extra Heavy Duty-Forged Steel Body
Extra Large Thru-Hole

<table>
<thead>
<tr>
<th>Chuck Size</th>
<th>Mount</th>
<th>Thru Hole</th>
<th>Spindle</th>
<th>Weight (lbs)</th>
<th>Part Number</th>
<th>Price</th>
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<tbody>
<tr>
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<td>450</td>
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<tr>
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3-JAW OIL COUNTRY CHUCKS
Self-Centering, Extra Heavy Duty

<table>
<thead>
<tr>
<th>Chuck Size</th>
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<th>Spindle</th>
<th>Weight (lbs)</th>
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<th>Price</th>
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<tbody>
<tr>
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<td>A2-15</td>
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<td>1200</td>
<td>BT-25A15R</td>
<td>$17,838.00</td>
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<tr>
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<td>A2-20</td>
<td>12.00</td>
<td>1200</td>
<td>BT-25A20R</td>
<td>$17,838.00</td>
</tr>
</tbody>
</table>

4 Jaw Chucks |
| 25"        | A2-11     | 8.00    | 1200         | BT-25A11ER  | $17,838.00 |
|            | A2-15     | 10.00   | 1200         | BT-25A15ER  | $17,838.00 |
|            | A2-20     | 12.50   | 1200         | BT-25A20ER  | $17,838.00 |

LARGE BORE OIL COUNTRY CHUCKS
25" Diameter, 3 & 4 Reversible Jaws
Extra Large Thru-hole

<table>
<thead>
<tr>
<th>Chuck Size</th>
<th>Thru Hole</th>
<th>Spindle</th>
<th>Weight (lbs)</th>
<th>Part Number</th>
<th>Price</th>
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<tbody>
<tr>
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<td>12.50</td>
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<td>BT-25A15R</td>
<td>$15,363.00</td>
</tr>
</tbody>
</table>

COMPLETE WORKHOLDING SOLUTIONS!

PLEASE CALL FOR MORE INFORMATION!

Call Us Today For All Of Your Machine Tool Needs!