

Brake Lathes | Accessories

TOOLS FOR THE PROFESSIONAL BRAKE SERVICE SHOP

WWW.ACCUTURN.COM

Accu-turn offers the Simplest, Fastest, Most Versatile, and Most Efficient operation in the marketplace.

- Accu-turn's simplicity of operation ensures that even the most inexperienced operator can always produce a workpiece with a proper finish.
- Accu-turn's arbors and accessories are easily interchangeable, allowing lathes to be readily adapted to a diversity of applications.
- Accu-turn's extra-large, cast-iron, Dovetail Ways are protected by stainless steel telescoping way covers, and are equipped with adjustments for wear.
- Accu-turn Brake Lathes are the most rigid brake lathes available.
- Accu-turn Lathes have oversized alloy spindles, which run on tapered roller bearings with adjustments for wear.



**Shown with optional bench*

8920L Economy High Speed Lathe

- Increased arbor speed provides for machining times as low as 4 minutes.
- Positive rake tooling yields 'one pass' finish cut every time. No need for multiple passes.
- True machine shop design utilizing Dovetail Ways & Adjustable Gibbs.
- Full range of available options to handle virtually any application.

8922L Combination Disc/Drum Lathe

- The Original Accu-turn World Class Single Pass Lathe that changed the industry.
- Positive rake tooling yields 'one pass' finish cut every time.
- True machine shop design utilizing Dovetail Ways & Adjustable Gibbs.
- Tapered roller bearing supported spindle designed for maximum longevity.
- Tested and Approved by General Motors for machining rotors to GM's high standards and specifications.
- Full range of accessories available to handle virtually any application.



**Shown with optional bench*

LEASING PROGRAM AVAILABLE

Model 8910 Drum Lathe & Model 8911 Disc Brake Lathe Available



*Shown with optional bench

8944L Multi-speed Disc/Drum Lathe

- Same World Class design as our model 8922 with the added versatility of infinitely adjustable rotor and drum feed speeds between .001" - .010".
- Three (3) available arbor speeds; 100, 150, 200 provides a whole new level of versatility.
- Increased arbor speed provides for machining times as low as 4 minutes.
- Positive rake tooling yields 'one pass' finish cut every time.
- True machine shop design utilizing Dovetail Ways & Adjustable Gibbs.
- Tapered roller bearing supported spindle designed for maximum longevity.
- Full range of complete accessories to handle virtually any application.

8989 Heavy Duty Combination Disc/Drum Lathe

- Medium and heavy truck lathe with a full 10" drum facing width.
- Shops available with oversized extended arbor and outboard support increasing the lathe capacity to 600 lbs. for rear drum/tire assemblies.
- Two (2) arbor speeds; 52 and 105 for safe truck machining.
- Positive rake tooling yields 'one pass' finish cut every time.
- True machine shop design utilizing Dovetail Ways & Adjustable Gibbs.
- Oversized tapered roller bearing supported spindle designed for maximum longevity.
- Full range of complete Brake Service shop as well as accessories to handle virtually any medium or heavy truck application.
- Bronze adapter group standard

Model 8995 Master Brake Shop Includes:

8989 - Heavy-Duty Combination Brake Lathe, 8939A - Deluxe Bench w/Background, 040100 - Accessory Package, 434060 - Micrometer, Disc Rotor, 436367 - Drum Wear Gauge, 434465 - Heavy-Duty Adapter Set, 434466 - 1 1/2" Arbor w/Outboard Support Assembly, 434469 - Heavy-Duty Boring Bar Assembly, 434472 - Step-Down Adapter Set, 1 1/2" to 1" 434661 - Double Taper Radius Cone Set, 1 1/2".



*Shown with optional bench

| SPECIFICATIONS | 8920L | 8922L | 8944L | 8989 |
|--|--|---|--|---|
| POWER REQUIREMENTS | 115 Volt, 50/60 Hertz *220 Volt, 1 Phase Optional | 115 Volt 50/60 Hertz *220 Volt, 1 Phase Optional | 115 Volt, 50/60 Hertz *220 Volt, 1 Phase Optional | 115 Volts, 50/60 Hertz *220 Volt, 1 Phase Optional |
| ROTOR | | | | |
| Capacity | 4" - 24" (102-610 mm) | 4" - 24" (102-610 mm) | 4" - 24" (102-610 mm) | 4" - 24" (102-610 mm) |
| Maximum Width of Surface | 4 1/2" (114 mm) | 4 1/2" (114 mm) | 4 1/2" (114 mm) | 4 1/2" (114 mm) |
| Maximum Thickness | 2 1/4" (57 mm) | 2 1/4" (57 mm) | 2 1/4" (57 mm) | 2 1/4" (57 mm) |
| DRUM | | | | |
| Capacity | 6" - 28" (152 -711 mm) | 6" - 28" (152 -711 mm) | 6" - 28" (152 -711 mm) | 6" - 28" (152 -711 mm) |
| Depth of Cut | 6" (152 mm) | 6" (152 mm) | 6" (152 mm) | 10" (254 mm) |
| FLYWHEEL (FLAT OR STEPPED) | | | | |
| Capacity | N/A | 6" - 24" (152-610 mm) | 6" - 24" (152-610 mm) | 6" - 24" (152-610 mm) |
| Friction Surface Capacity | N/A | 6" (152 mm) | 6" (152 mm) | 6" (152 mm) |
| DRUM/ROTOR/FLYWHEEL MAX. WEIGHT | | | | |
| On Standard Arbor | 150 lbs. (68 kg) | 150 lbs. (68 kg) | 150 lbs. (68 kg) | 150 lbs. (68 kg) |
| On Heavy Duty Arbor | 300 lbs.(136 kg) | 300 lbs.(136 kg) | 300 lbs.(136 kg) | 300 lbs.(136 kg) |
| On Heavy Duty Arbor w/Outboard Support | N/A | N/A | N/A | 600 lbs. (273 kg) |
| SPINDLE SPEED | 180 RPM | 105 RPM | 100-150-200 RPM | 52-105 RPM |
| FEEDS PER REVOLUTION | | | | |
| Rotor | 0.0046" (0.117 mm) | 0.0030" (0.077 mm) | 0.001" - 0.010" (.026 mm-0.254 mm) | 0.0030" (0.077 mm) |
| Drum | 0.0046" (0.117 mm) | 0.0046" (0.117 mm) | 0.0015"-0.015" (0.039mm-0.381 mm) | 0.0046"/0.0092" (0.117 mm/0.234 mm) |
| MOTOR | 1/2 HP (0.350 kW) | 1 HP (0.700 kW) | 1 HP (0.700 kW) | 1 HP (0.700 kW) |
| WEIGHT | | | | |
| Net 469 lbs. (213 kg) | 469 lbs. (216 kg) | 474 lbs. (215 kg) | 500 lbs. (227 kg) | 525 lbs. |
| Shipping Gross | 560 lbs. (255 kg) | 560 lbs. (255 kg) | 560 lbs. (255 kg) | 560 lbs. (255 kg) |

Gold Adapter Group #8030

for Passenger Cars, Light Through ½ Ton Truck

8011 Automotive Kit Includes:

460572 Flange Plate; 4.80"
460573 Reversible Center Cone; 2.00" – 3.98"
460574 Arbor Spacer; 2.00" - (Qty 2)
460575 Automotive Composite Flange Plate; 5.43"
460579 Automotive Cone; 1.84" – 2.20"
460580 Automotive Cone; 2.12" – 2.47"
460581 Automotive Cone; 2.37" – 2.75"
460582 Automotive Cone; 2.65" – 3.00"
460583 Automotive Cone; 2.92" – 3.30"
460592 Arbor Spring; 1.92" x 1.00"

Silencers Included:

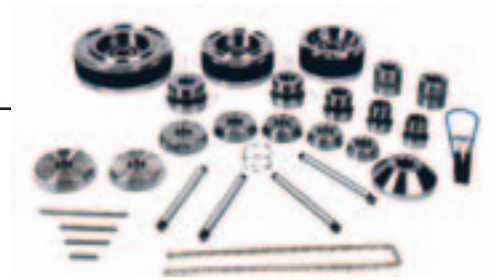
438190 Spring Silencer Band
438195 Chain Silencer Band
434296 Clip On Silencer

Double Taper Adapters Included:

433711 Double Taper; 2.44" - 2.85"
433710 Double Taper; 2.075" - 2.45"
433709 Double Taper; 1.7" – 2.08"
433708 Double Taper; 1.31" – 1.71"
433963 Double Taper; 1.25" – 1.65"

#8012 Light Truck Kit Includes:

460578 Light Truck Composite Plate; 7.25"
460584 Light Truck Centering Cone; 3.20" – 3.57"
460585 Light Truck Centering Cone; 3.47" – 3.85"



Silver Adapter Group #8020

for Passenger Cars, Light Trucks

8011 Automotive Kit Includes:

460572 Flange Plate; 4.80"
460573 Reversible Center Cone; 2.00" – 3.98"
460574 Arbor Spacer; 2.00" - (Qty 2)
460575 Automotive Composite Flange Plate; 5.43"
460579 Automotive Cone; 1.84" – 2.20"
460580 Automotive Cone; 2.12" – 2.47"
460581 Automotive Cone; 2.37" – 2.75"
460582 Automotive Cone; 2.65" – 3.00"
460583 Automotive Cone; 2.92" – 3.30"
460592 Arbor Spring; 1.92" x 1.00"

Silencers Included:

438190 Spring Silencer Band
438195 Chain Silencer Band
434296 Clip On Silencer

Double Taper Adapters Included:

433711 Double Taper; 2.44" - 2.85"
433710 Double Taper; 2.075" - 2.45"
433709 Double Taper; 1.7" – 2.08"
433708 Double Taper; 1.31" – 1.71"
433963 Double Taper; 1.25" – 1.65"



Bronze Adapter Group #8010

for Passenger Cars, Light Trucks

433703 Bell Clamp; 5.56" - (Qty 2)

433704 Bell Clamp; 4.06" - (Qty 2)

433707 Centering Cone; 3" – 4"

433706 Centering Cone; 2.25" – 3.25"

433705 Centering Cone; 1.5" – 2.5"

433712 Spacer; 1"

433716 Spring

433711 Double Taper; 2.44" - 2.85"

433710 Double Taper; 2.075" - 2.45"

433709 Double Taper; 1.7" – 2.08"

433708 Double Taper; 1.31" – 1.71"

433963 Double Taper; 1.25" – 1.65"

433785 Silencer, Rotor Vented, Large

433789 Silencer, Non-vented, Small



Standard Tools [Included with all models]

433701 Arbor 1" (25 mm)

433713 Arbor Nut

433702 Drawbar

436410 Wrench, 1 1/2"

434559 Wrench, 7/8" (22 mm)

434558 Wrench, 3/8" (10 mm)

433750 Twin cutter Assembly with
with Right Hand Tool Holder (433763)
and Straight Tool Holder (433286)

433796 Carbide Inserts, 10 pack

433764 Left Hand Tool Holder

433782 Drum Silencer

433774 Spacer, Twin Cutter

433172 Boring Bar Assembly
with Right Hand Short Tool Holder (433779)

433715 Washers (not pictured)

433633 T-Bolt

484280 Washer - (Qty 2)

433617 Nut - (Qty 2)





Platinum Adapter Group #8040

for Passenger Cars, Composite Rotors, and Light Trucks through 1 Ton Trucks

8011 Automotive Kit Includes:

460572 Flange Plate; 4.80"
 460573 Reversible Center Cone; 2.00" – 3.98"
 460574 Arbor Spacer; 2.00" - (Qty 2)
 460575 Automotive Composite Flange Plate; 5.43"
 460579 Automotive Cone; 1.84" – 2.20"
 460580 Automotive Cone; 2.12" – 2.47"
 460581 Automotive Cone; 2.37" – 2.75"
 460582 Automotive Cone; 2.65" – 3.00"
 460583 Automotive Cone; 2.92" – 3.30"
 460592 Arbor Spring; 1.92" x 1.00"

#8012 Light Truck Kit Includes:

460578 Light Truck Composite Plate; 7.25"
 460584 Light Truck Centering Cone; 3.20" – 3.57"
 460585 Light Truck Centering Cone; 3.47" – 3.85"

#8013 Larger Light Truck Kit Includes:

460576 Large Light Truck Flange Plate; 7.25"
 460577 Large Light Truck Flange Plate; 6.50"
 460586 Light Truck Centering Cone; 3.75" – 4.12"
 460587 Light Truck Centering Cone; 4.03" – 4.40"
 460588 Light Truck Centering Cone; 4.30" – 4.67"
 460589 Light Truck Centering Cone; 4.57" – 4.95"
 460590 Light Truck Centering Cone; 4.85" – 5.22"
 460591 Light Truck Centering Cone; 5.12" – 5.50"

434295 Truck Double Taper Set Includes:

434289 Truck Double Taper; 2.840" – 3.195"
 434290 Truck Double Taper; 3.190" – 3.560"

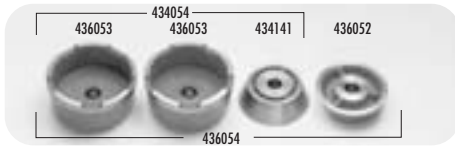
Silencers Included:

438190 Spring Silencer Band
 438195 Chain Silencer Band
 434296 Clip-On Silencer
 434650 Heavy Drum Silencer Band (not pictured)

Double Taper Adapters Included:

433711 Double Taper; 2.44" - 2.85"
 433710 Double Taper; 2.075" - 2.45"
 433709 Double Taper; 1.7" – 2.08"
 433708 Double Taper; 1.31" – 1.71"
 433963 Double Taper; 1.25" – 1.65"

Optional Accessories

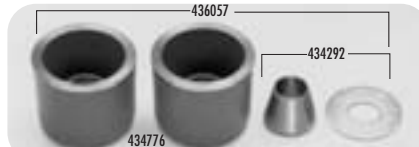


434054 Light and Medium Truck Set

Permits mounting of hubless truck and four-wheel drive drums and rotors through the 350 and 30 series including large bore hubs with center-holes up to 5.55". For use on standard 1" Arbor (433701).

Specifications:

- 436053 Bell Clamp 6.88" OD (175 mm)
434141 Centering Cone 4.000"-5.063" (102-128 mm)
436052 Centering Cone 4.500"-5.563" (115-141 mm)



436057 Small Drum/Flywheel/Hubless Rotor Adapter Set

For mounting flywheels, or hubless rotors or drums requiring a bell clamp smaller than the standard 433704. Will also accommodate 433705 standard centering cone.

Specifications:

- 434292 1-A Centering Cone Set, 1.250"-1.750" (32-44 mm)
434776 Bell Clamp 3.25" OD (83 mm)



434295 Truck Double Taper Radius Cone Set for 1" Arbor and Brush

Designed for mounting larger hubbed drums and rotors standard 1" Arbor (433701). Consists of:

- 434289 Truck Double Taper Adapter #5, 2.840"-3.195" (73-81 mm)
434290 Truck Double Taper Adapter #6, 3.190"-3.560" (81-90 mm)

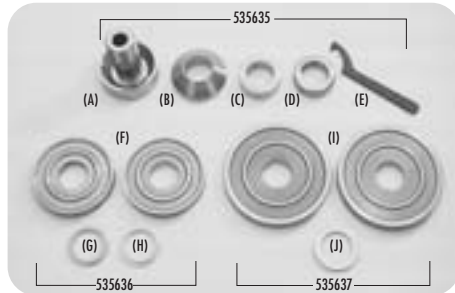


433798 11/16" Arbor Set

Handles rotors and drums with center-holes of less than one inch inside diameter. Also handles splined hubbed rotors and drums. Some applications are: Honda, Datsun, Toyota, many imports, and many domestics. (Use 438028 for model 7700)

Specifications:

- 434652 Arbor, 11/16" (18 mm) (438028 for model 7700)
434476 Spacer, 1" (25 mm)
434477 Spacer, 1/2" (13 mm)
434478 Arbor Nut
434479 Centering Cone
433164 Alignment Washers



535620 Universal Hubless and Composite Rotor Adapter Assembly

Handles all existing composite rotors and most non-composite rotors. Components can be updated inexpensively for future models. Works on all lathes with 1" arbors. Includes:

535635 Universal Hubless Rotor Adapter Set

- Includes: (A) 535622 Hub Base
(B) 535623 Taper Cone
(C) 535624 Spacer
(D) 535625 Nut
(E) 535621 Wrench

535636 Passenger Car Composite Set (Req. 535635)

- Includes: (F) 535626 Small Plate
(G) 535628 Small Centering Plate
(H) 535627 Medium Centering Ring
(Not Shown) 535631 Pontiac/Chevrolet Centering Ring

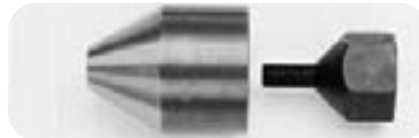
535637 Light Truck Composite Set (Requires 535635)

- Includes: (I) 535629 Large Plate
(J) 535630 Large Centering Ring



434472 Step-Down Adapter Set for 1" Arbor

Bore: 1 7/8"-to 1". Allows for use of 1 7/8" adapters on standard 1" Arbor (433701). Includes 3-#535641



434775 Small Hole Flywheel Adapter

For mounting Hyundai and Honda Flywheels, and any other Flywheels with center-holes too small for the 1" Arbor (433701).



Model 3000 Brake Washer

User-friendly features makes it the most productive brake washer available.

Includes 1 qt. T-N-T Cleaner, 2 filters, 1 disposal bag, 1 demonstration video, and 1 Oil Magnet.

Brake Washer Accessories

7310020 Supply Kit: Includes 2 qts. T-N-T, 8 filters w/disposal bags.

7310030 Deluxe Supply Kit:

Includes 3 qts. T-N-T, 9 filters w/disposal bags and brush

7310018 Filter: Box of 12

7310028 Oil Magnet

7310038 T-N-T Cleaner: Case of 6 one qt. bottles



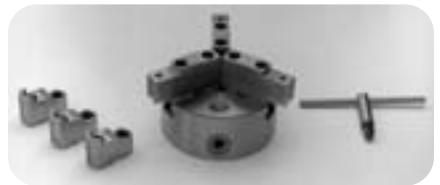
438020 Dust Containment Unit

Keeps the work area and surrounding inventory free from chips and dust particles. Shown with recommended shop vacuum (436365).



436271 Freewheeling Rotor and Drum Drive Dog Assembly

For any type of sealed and/or pressed in bearings such as Ford Probe, Toyota Van, Renault Alliance and others.



434770 3-Jaw Chuck Adapter

Unique versatile adapter which allows mounting to large center-holed flywheels & rotors (5.25" - 7.5") such as VW, Omni, Horizon, etc. Includes two sets of jaws.



433742 F150 Truck Adapter

For mounting 2004 and newer 2 WD rotors with pressed in bearings.

Measuring Devices



436258 Dial Indicator

Vice-grip pliers, flexible-arm dial indicator graduated to 0.001" for measuring runout in rotors and flywheels among other applications. (#433174 Magnetic base dial indicator available)



436056 Lexan Safety Shield

For use on all 8900 series ACCU-TURN bench lathe models. Standard with Model 8944.



433179 Non-Directional Rotor Finisher

"Insurance policy" for brake jobs. Simultaneously provides non-directional finish to both sides of rotor. Will not affect accuracy. Mounts permanently and conveniently to lathe. U.S. Patent Pending.



436272 Twin Cutter Extension Knob

Extends right hand twin cutter adjustment knob for easier adjusting.

*Recommended for all passenger applications



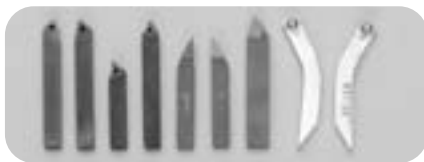
436229 Digital Rotor Gauge

Accurately measures in both inches and metric.



436230 Digital Drum Gauge

Accurately measures in both inches and metric.



STANDARD

- (A) 433764 **Left Hand** For rotors and flywheels.
- (B) 433763 **Right Hand** For rotors, drums, flywheels, and heavy-duty drums.
- (C) 433779 **Right Hand, Short** For passenger car drums.
- (D) 434286 **Straight** Recommended for rotors where hub precludes standard tool holders from cutting to square shoulder.

OPTIONAL BRAZED

- (E) 434283 **Left Hand** For rotors only.
- (F) 434059 **Right Hand** For rotors, drums, flywheels, and heavy-duty drums.
- (G) 434063 **Heavy Duty Right Hand** For heavy duty flywheels and heavy-duty truck drums where heavier tool holder is desired.

OPTIONAL CURVED

For rotors with mounting flanges (i.e. Isuzu Trooper, Toyota Tercel, and Mazda pick-up). Allow for going between mounting flange and machined friction surface.

- (H) 434057 **Left Hand**
- (I) 434056 **Right Hand**



CARBIDE INSERTS

High quality, positive-rake carbide inserts have the unique capability to cut hard spots on rotors, drums, and flywheels. Each insert has three cutting edges.

- 433795 **Package of 5 Carbide Inserts and 5 Screws**
- *433796 **Package of 10 Carbide Inserts and 10 Screws**



Anti-Chatter Silencer for Vented and Non-Vented Rotors

- *434296 **Clip-On Silencer, Optional**



FOR ROTORS

434060 Micrometer, Disc Brake Rotor

Designed to measure wear and thickness variation of disc brake rotors. Also available in metric graduations (434793).



FOR DRUMS

Drum Wear Limit Gauges

Designed to determine whether worn or scored brake drums can be safely machined.

- 434287 **Drum Wear Limit Gauge, Passenger Car, 8"-14"** (204-355 mm).

- 436367 **Drum Wear Limit Gauge, Passenger Cars Through Trucks, 6"-22"** (150-560 mm).



Chain Silencer 438195

Chain Silencer for non-vented rotors.



Spring Silencer 438190

Spring Silencer for vented rotors.



Silencer Bands for Vented Rotors

- 434470 **Rotor Silencer, Vented, Small, Optional**
Necessary for most front wheel drive vented.
- 433785 **Rotor Silencer, Vented, Large, Standard**

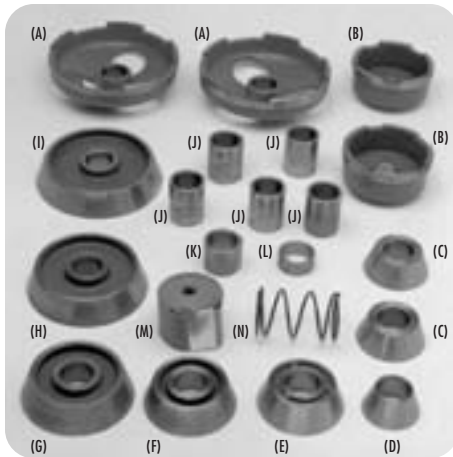
Silencer Bands for Non-Vented Rotors

- 433789 **Rotor Silencer, Non-Vented, Small, Standard**
- 434061 **Rotor and Flywheel Silencer, Non-Vented Large, Optional**

Drum Silencers

- 433782 **Drum Silencer, Passenger Car Width:**
1.500" (38 mm), Standard
- 434650 **Drum Silencer, Heavy-Duty Width:**
2.750" (69 mm), Optional

Heavy Duty Accessories



434465 Heavy-Duty Adapter Set

For use with 1 7/8" Heavy-Duty Arbor Set (434055) or with Elongated 1 7/8" Arbor Set with Outboard Support Assembly (434466). For mounting heavy-duty truck hubbed and hubless drums, rotors, and flywheels.

Consists of:

- (A) 434649 Bell Clamp, Heavy-Duty, Large 9.75" OD (248 mm)
- (E) 434648 Bell Clamp, Heavy-Duty, Medium 6.25" OD (159 mm)
- (C) 434641 Centering Cone, Heavy-Duty, 3.063"-4.250" (78-108 mm)
- (D) 434643 Centering Cone, Heavy-Duty, 2.188"-3.375" (56-85 mm)
- (E) 434640 Centering Cone, Heavy-Duty, 4.188"-5.000" (107-127 mm)
- (F) 434639 Centering Cone, Heavy-Duty, 4.188"-5.375" (107-136 mm)
- (G) 434644 Centering Cone, Heavy-Duty, 5.313"-6.500" (135-165 mm)
- (H) 434638 Centering Cone, Heavy-Duty, 6.438"-7.625" (164-193 mm)
- (I) 434637 Centering Cone, Heavy-Duty, 7.563"-8.750" (193-222 mm)
- (J) 434645 Spacer, 3" (77 mm)
- (K) 434646 Spacer, 2" (51 mm)
- (L) 434647 Spacer, 1" (25 mm)
- (M) 434650 Drum Silencer, Heavy-Duty
- (N) 434651 Arbor Spring



434466 1 7/8" Heavy-Duty Elongated Arbor Set with Outboard Support Assembly

(Pictured on the Model 8989 Heavy-Duty Combination Lathe).

For drums with dual wheel and tire assemblies. For use with Heavy-Duty Adapter Set (434465).

Increases weight capacity to 600 lbs. (272 kg).

Consists of:

- 434468 Elongated Arbor, 1 7/8" (48 mm)
- 434653 Arbor Nut
- 434654 Nut Wrench
- 434467 Outboard Support Assembly



040100—ACCESSORY PACKAGE FOR DOMESTIC & FOREIGN PASSENGER CAR, INCLUDES:

- 433796 Carbide Inserts, Pkg. of 10
- 433764 Tool Holder, Left
- 436057 Small Drum/Flywheel/Hubless Rotor Adapter Set
- 434296 Clip-On Anti-Chatter Silencer
- 434470 Rotor Silencer, Small, Vented



Application for 434466: Mounting of dual wheel and tire assemblies.



434469 2" Boring Bar, and Boring Bar Holder Assembly

Allows for machining of heavy-duty truck drums and flywheels.

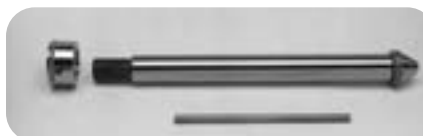
Consists of:

- 434656 Boring Bar, 2" (51 mm)
- 434657 Boring Bar Holder, 2" (51 mm)
- 433763 Right Hand Tool Holder



436280 Heavy-Duty 3-Jaw Chuck

Used for mounting heavy-duty hubless truck drums and rotors and any other items to be machined which have large center holes (7.75" to 13.5"). 1 7/8" arbor and outboard support are required (434466).



434055 1 7/8" Heavy-Duty Arbor Set

Handles both hubbed and hubless truck drums, rotors and flywheels above 350 series Requires Heavy-Duty Adapter Set (434465).

Consists of:

- 434655 Arbor, 1 7/8" (48 mm)
- 434653 Arbor, Nut
- 434654 Nut Wrench



434661 Truck Double Taper Radius Cone Set for Heavy-Duty Arbor

Designed for mounting larger hubbed drums and rotors on optional 1 7/8" heavy-duty Arbor (434055, 434466).

Consists of:

- 434659 Truck Dbl. Taper Adapter, SM, 2.840"- 3.195" (73-81 mm)
- 434660 Truck Dbl. Taper Adapter, LG, 3.190"- 3.560" (81-90 mm)

Product Information www.AccuTurn.com



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