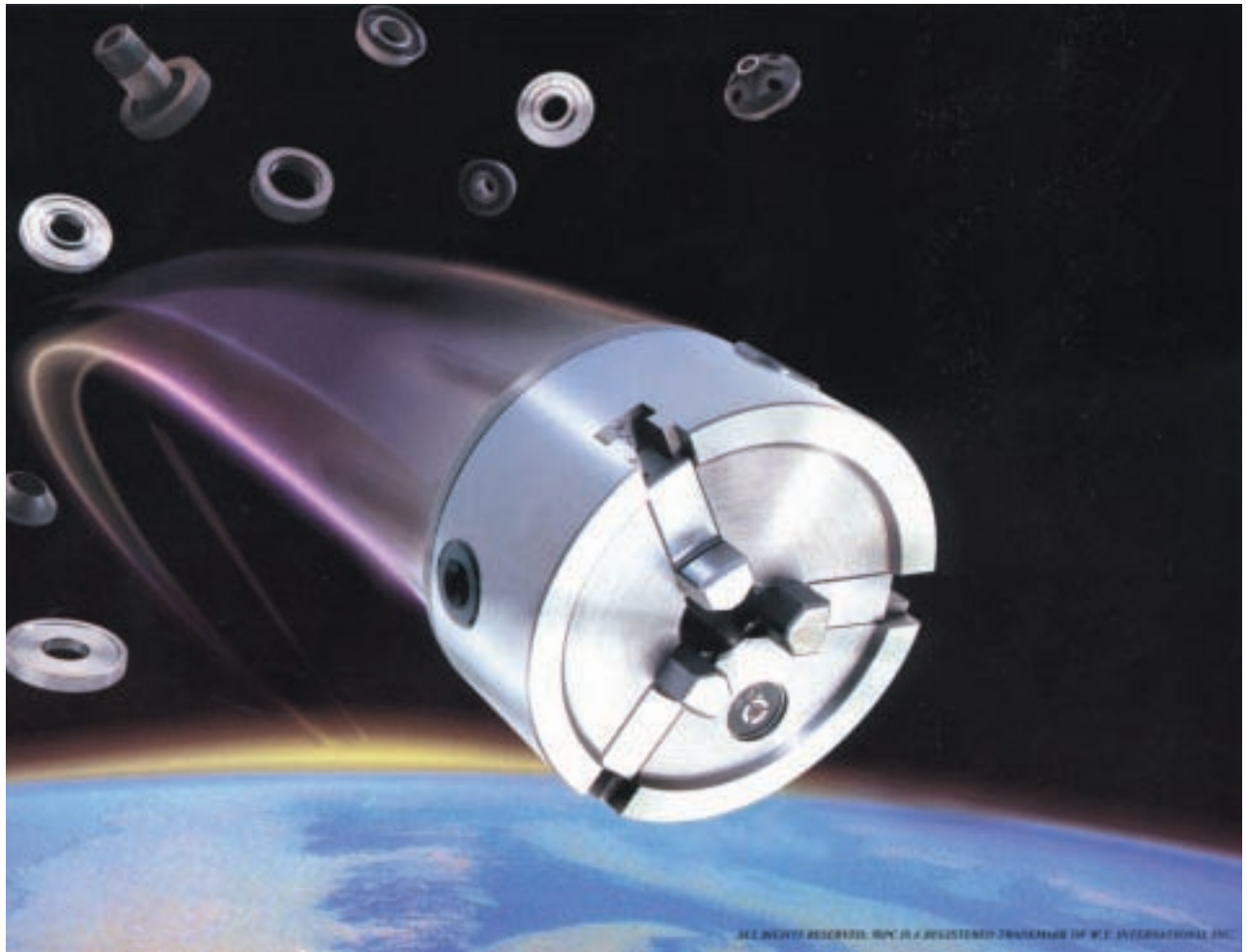




Quick Chuck Adapter.com

Precision brake lathe adapters and accessories...



U.S. PAT. No. 6,601,485

The Last Brake Lathe Adapter you'll need to buy!



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Limited Warranty

All  Quick Chuck Adapters are warranted to be free of defects in materials and workmanship to a period of one year from date of purchase. W.Y. International Inc. will repair or replace the products at our option. This Warranty is voided where the products has been modified, misapplied, or improperly maintained.



Adapters and Accessories that provide real solutions and make completing the job a snap!

Today's vehicles and their high-tech braking systems require precision rotor re-surfacing with minimal run-out. It's not the brake lathe machines that can't keep up with today's technology, it's the adapters. Rotors and Drums were being re-surfaced using 50-year-old technology such as cones and clamping cups. These types of adapters are difficult to set up and the numerous cones and cups it takes to adapt up to 1-ton vehicles can reach well over 25 pieces. We felt there had to be a better way.

In 1993, we developed the Quick Chuck Adapter. This unique idea revolutionized the machining process of hubless and composite brake rotors and drums. The Quick Chuck provides quick error free set-up on all hubless rotors and drums up to 1-ton vehicles, with precision mounting and accuracy that is proven and patented. (U.S. patent no. 5,224,307)

This innovation and technology has allowed us to develop other unique products for Hennessey Industries. Hennessey is the manufacturer of Ammco brake lathes and Coats tire changers and balancers. Inside you'll find the Ammco Double Chuck (U.S. patent no. 6,601,485) and Balancer Chucks provide the solutions to get the job done.

WY International has a complete line of products that will expand your capabilities and keep you productive as you grow. Visit our website at www.wyintl.com and www.quickchuckadapter.com you can download product information and literature and learn more about us.



Quick Chuck Adapter

Universal Brake Lathe Adapter

The simplest, quickest and most precision brake lathe adapter on the market today. Its unique self-centering design adapts hubless Drums, Rotors and Composite Rotors to any 1" arbor brake lathe while eliminating run-out and set-up problems. The weight and mass of the Quick Chuck with Backing Plate virtually stops Chatter and Vibration in its tracks.

One simple kit is all you need.



Quick Chuck Adapter

(With standard backing plate and wrench)

Part # 70040

Quick Chuck (3 Jaw Chuck, 5" diameter)

Part # 70042

Standard Backing Plate (5" diameter)

Part # 70043

Wrench

Part # 70044

(Fits drums and rotors with holes from 2-1/8" to 3-3/4")

The Quick Chuck, with all optional, Accessories allows machining of Drums and Rotors with centering holes from 2-1/8" to 5-3/4" from compact cars up to 1-ton trucks.

Optional Accessories Available (see accessories page for details)

Large Jaw Set Part # 70041

Large Backing Plate Part # 70046

Small Backing Plate Part # 70047

Toyota Truck Backing Plate Part # 70054

Features:

- Eliminates run-out and set-up problems with its self-centering feature.
- The weight and mass of the Quick Chuck with Backing Plate virtually eliminates chatter and vibration from all hubless applications, including composite drums and rotors.
- Fits all popular 1" arbor brake lathes.
- Eliminates centering cones, clamping cups and composite adapter systems.
- Fits drums and rotors with centering holes from 2-1/8" to 5-3/4" from compact cars up to 1-ton trucks (with all optional accessories).
- 75% fewer pieces means less maintenance and minimal replacement costs.
- 5 year limited warranty.



Quick Chuck Adapter

As easy as **1-2-3**

1. Mount Quick Chuck on top side of the Rotor or Drum
2. Slide Backing Plate and Quick Chuck assembly onto Arbor
3. Add spacers, Arbor nut and tighten

Rotors



1



2



3

Drums*



1



2



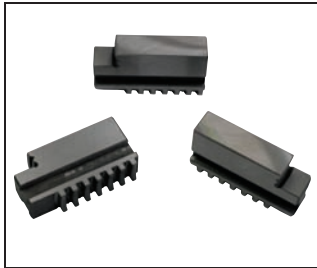
3

* Drum pictured requires optional Large Jaw Set and Large Backing Plate



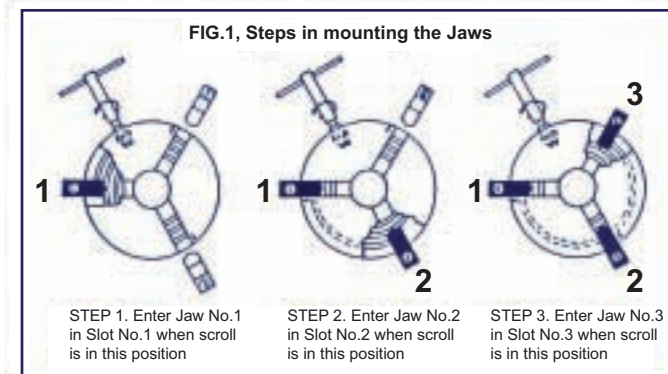
Quick Chuck Adapter

Optional Accessories



Part # 70041 (for use with 70046 and/or 70054)

Large Jaw Set fits hub-less rotors & drums with centering holes from 3-3/4" to 5-3/4"



Part # 70046

Large Backing Plate (7.250" - OD) for use with large hub-less rotors and drums



Part # 70047

Small Backing Plate (4.250" - OD) for use with small hub-less rotors and drums



Part # 70054

Toyota Truck Backing Plate (6.250" -OD) for use with Toyota trucks (Tundra)



Heavy Duty Truck / Bus Three Jaw Chuck Adapter



Part # 60040BK

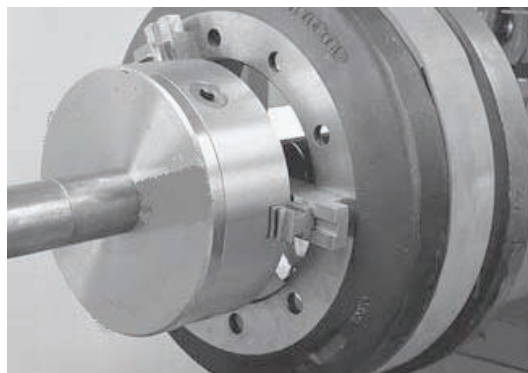
Fits any 1-7/8" Arbor Brake Lathe

Our exclusive Heavy Duty Brake Lathe Adapter provides quick error free set-up on heavy duty hub-less drums & rotors, with precision mounting and machining accuracy that is proven and patented.

The complete kit eliminates the need for various centering cones and clamping cups with three massive expanding jaws and heavy duty backing plate.

Three pieces do the work of many with a range that covers hub-less drums & rotors with large center hole diameters of 5.275" to 10.2"

Kit includes: 3 Jaw Chuck # 60040, 12" backing plate #60042, and chuck key #60044

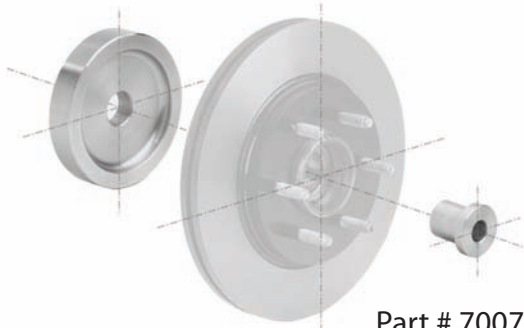




EZ ADAPTERS

Ford F-150 ½ Ton Front Rotor, 2004-Present, Part # 70070

Part # 70047 Backing Plate



Part # 70077 Bushing

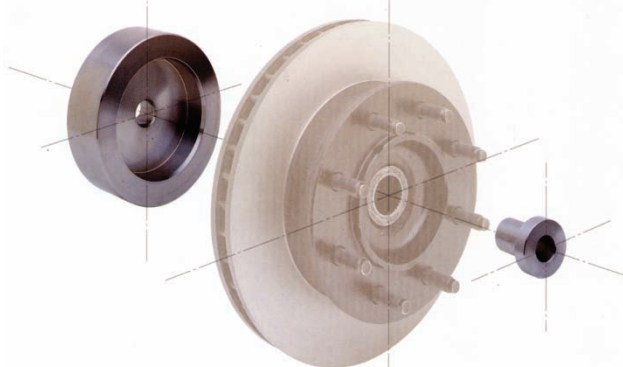


Part # 70070

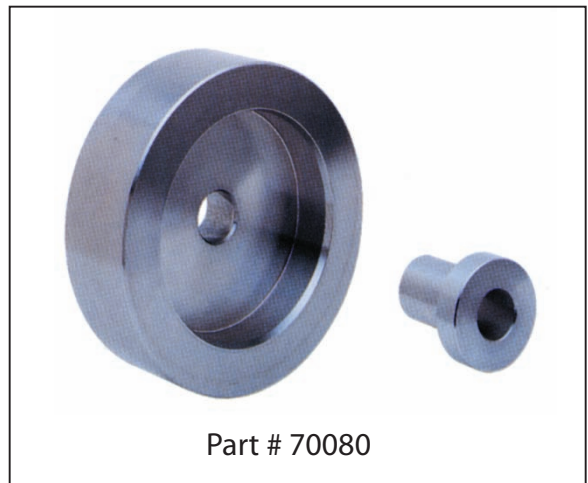
This innovated 1/2 Ton 4 x 2 truck rotor adapter is the mounting solution for the Ford pick-up model F-150 front rotors with pressed bearings. Fits any 1" arbor brake lathe.

Dodge/ Chevy 4x4 Front Rotor, ¾ and 1 Ton, Part # 70080

Part # 70079 Backing Plate



Part # 70078 Bushing



Part # 70080

This specialized adapter was developed for Dodge and Chevy splined front rotors on late model 4x4 trucks. The heavy-duty backing plate and bushing takes all the guesswork and frustration out of mounting this rotor to your 1" arbor brake lathe.



Double Taper Adapter Sets

For machining hub style Drums and Rotors on any 1" arbor Brake Lathe

5 piece passenger cars set Part # 109000



2 piece light truck set, up to 1 ton trucks Part # 109100



7 Piece Kit also available Part #109002 (Includes Part # 109000 and 109100)

For machining hub style Drums and Rotors on any 1" arbor Brake Lathe



Disc Silencer Bands

Heavy-duty Silencer Bands (*For vented rotors up to 1-ton trucks*)



Part # 80001 (*passenger*)

Stops Chatter Cold (*Heavy weights stop vibration*)

Hooks on in seconds (*Spring loaded hooks fasten quickly and securely*)

Weights self-center between rotor vent (*No adjusting of weights, hook it on and go!*)

Superior dampening power

Out lasts rubber-bands (*Strong elastic band protected by rubber & heavy weights*)

Two sizes available (*Passenger cars & trucks*)



Part # 80002 (*Truck*)

Disc Silencer (*part # 80001*) shown above left on vented rotor, used with the Quick Chuck Adapter (*part # 70040*)



Quick Cutters®



Round Lathe Bits

- Machine rotors in one quick cut
- No slow cut
- Fast feed, finish cut results

Part # 70090

Go for the Gold... Round Cutting Inserts for your brake lathe, re-surfaces rotors in one Quick Cut! No slow cut saves time and money. Get Fast Finished cut results with Quick Cutters.

One fast feed cut is all you need!

- Gold Titanium coated (*longer carbide life*)
- Positive rake tool (*cuts deeper and runs cooler*)
- Case-hardened holders (*resists gouges from hold down screw*)
- 5 times more cutting tool surface (*simply rotate bit to new cutting edge*)
- Heavy-duty hold down & screw (*secures bit, eliminating chatter & vibration*)

Works on these popular Brake Lathes:



- Ammco
- Kwikway
- Hunter
- Rels
- Performance
- Van Norman
- All Tool
- Hoffman
- Star

no. 70091 Cutting Bit Holder (Right)

no. 70092 Cutting Bit Holder (Left)

no. 70093 Cutting Insert Hold-Down

no. 70094 Cutting Bit Holder Screw

no. 70095 Cutting Insert

no. 70096 (Six Pack) Cutting Inserts



Brake Service Solutions

Problem: The growing number of adapters required to mount hubless rotors and drums through 1 ton vehicles.

- Because of the large range of center-hole sizes on rotors and drums, adapter sets must contain numerous centering cones.
- It takes time for technician to select the proper cone and clamping cup combinations.
- Centering cone sets require a significant amount of storage space.

Solution: Double Chuck Adapter

U.S. Patent No. 6,601,485



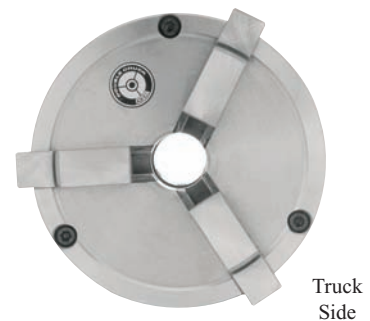
Part # 80040 (Ammco Part # 940921)



3/4 View



Passenger Side



Truck Side

Ammco's exclusive Double Chuck has an "Auto" side and a "Truck" side. Now if you want to machine up to 1-ton Truck Drums and Rotors, there are no jaws to change or pieces to lose, just flip the chuck over to the "Truck" side and you're ready to go. One simple kit is all you need.

U.S. Patent No. 6,601,485

One simple kit is all you need . . .

Part # 80040K (Ammco Part # 940921)



Kit Includes:

- Double Chuck Adapter # 80042 (5" diameter double sided chuck)
- Small Backing Plate # 70047 (4-3/4" diameter)
- Medium Backing Plate # 70043 (5" diameter)
- Large Backing Plate # 70046 (7-1/4" diameter)
- Toyota Truck Backing Plate # 70054 (6-1/4" diameter)
- Wrench (3/8" drive) # 70044

Features:

- Ammco's exclusive Double Chuck Kit has 2 sets of concentric, expanding jaws to grip the center-hole and **eliminate the need for cones.**
- Passenger car jaws are permanently mounted on one side and truck jaws on the other side **No need to change jaws out.**
- Fits all popular 1" arbor brake lathes.
- Handles virtually all hubless drums and rotors (including composite) through 1 ton vehicles (Range: 2.125" - 5.75").
- **Only 6 pieces** to choose, store and maintain.
- The weight and mass of the Double Chuck with Backing Plate virtually eliminates chatter and vibration from all hubless applications, including composite drums and rotors.
- 75% fewer pieces means less maintenance and minimal replacement costs.



Drums



U.S. Patent No. 6,601,485



Balancer Chuck® Adapters

Truck Wheel Balancing Kits

Medium Duty Balancer Chuck (For Hub- Centric Truck Wheels)

Tire Service Solutions for 19.5" and 22.5" Hub Centric Truck Wheels

The simplest, fastest and most efficient way of adapting truck wheels to your balancer. The 3-Jaw Chuck design offers dead-on centering accuracy along with quick and easy set-up. Fits most Hub-centric wheels with flat faced mounting pads with a wide range, 3.13" to 7.13", makes the 3-jaw chuck a versatile tool.

Part # 90040BK Chuck Kit: 40mm Shaft

Part # 90028BK Chuck Kit: 28mm Shaft

Kit Includes:

- 3-Jaw Chuck Adapter
- Clamping Cup with Protector Ring
- Ratchet Key (For use w/ Ratchet)



Option: Extended Jaw Set for Balancer Chuck increases center hole size range up to 9.125"



- Part# 90041 Extended Jaw Set

Heavy Duty Balancer Chuck (For Hub- Centric Truck Wheels)

Tire Service Solutions for Semi Truck and Bus Hub Centric Wheels

Part # HD 90040BK Chuck Kit: 40mm Shaft

Part # HD 90050BK Chuck Kit: 2.0" Shaft

Kit Features:

- Exclusive Heavy Duty Three Jaw Chuck eliminates the need for cones with three expanding jaws.
- Three pieces do the work of many with a range that covers center hole diameters of 8"-12"
- The Balancer Chuck centers itself in the wheel, so an accurate mounting is achieved compared to a steep cone setup, making it easier for the technician to assure a balanced wheel.
- The Balancer Chucks centering accuracy as well as vertical stability supports wheel while clamping and unclamping.
- Kit includes: 3 Jaw Balancer Chuck, 12" backing plate, and wrench key.





Balancer Chuck® Adapters

Truck Wheel Balancing Kits



Mount chuck onto inside of wheel. Secure the Chuck by tightening with Ratchet Key. Verify you have full contact on the wheel surface of all 3 jaws. Lift wheel and tire and mount the Chuck onto balancer shaft. Push the tire all the way back. Place the clamping cup over balancer shaft, and secure with wing nut.



Balancer Chuck Adapters Exclusive Features

- The Balancer Chuck centers itself in the wheel, off the balancer, so weight is not a factor when mounting the assembly onto the balancer shaft.
- An accurate mounting is achieved compared to a steep cone set-up, making it easier for the technician to assure a balanced wheel.
- The Balancer Chucks centering accuracy as well as vertical stability supports wheel while clamping and unclamping.
- No more cones, the 3-jaws cover a wide range of center hole sizes
- In most clamping applications there are no additional spacers required.
- Fits most brands of wheel balancers*

*Additional Kits available for other brands of wheels balancers

- Part# 90038BK Medium Duty Balancer Chuck Kit: Balancer with 38mm shaft.
- Part# 90036BK Medium Duty Balancer Chuck Kit: Balancer with 36mm shaft.
- Part# 90030BK Medium Duty Balancer Chuck Kit: Balancer with 30mm shaft.

U.S. Patent No. 5,224,303 - No.6,601,485

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