

UNIVERSAL SHROUDS & SHROUDED TOOLS

Grinding • Cutting • Drilling • Routing



Announcing Tool Independence!

The Clayton Universal Shroud is a paradigm shift in shroud design. Historically, a dust control shroud was attached to the tool body and designed to fit a single make or model tool.

Our Universal Shrouds float on a bearing mounted to a 1/4" mandrel. This means that a single Clayton Universal Shroud will fit ANY make or model tool with a 1/4" collet. Use an existing tool you already have in your crib, or choose from any of the grinders that Clayton has to offer.

The Universal Shrouds dramatically decrease your Total Cost of Ownership (TCO) because they can be easily moved from one tool to another. Straight or right angle, Dotco or Dynabrade, etc. As your preferred tool manufacturer changes, Clayton Universal Shrouds can continue to provide the same outstanding performance year after year.

1", 2" & 3" Right Angle Sander Shrouds (sold with or without grinder)



Made of crystal clear Lexan, this is the future of shroud design. Built from the same material as aerospace cockpits, NASCAR windshields, and space helmets, it's virtually indestructible and guaranteed for life. This shroud does not obscure the working edges of the abrasive discs, so users can easily see the work surface.

Every shroud includes: mandrel, disc pad, 2' x 1" hose whip, and swivel adapter for connection to 1" vacuum hoses. Refer to hose and fitting section for other hose adapters.

Features

- Virtually indestructible Lexan is guaranteed for life
- Shroud does not obscure visibility
- Shroud swivels freely around mandrel, so the hose can be repositioned with ease
- Works with the grinders you already own - NO MODIFICATIONS REQUIRED
- Built-in Positive Lock swivel hose fitting – hoses won't pull free
- Recommended tool speed: 12,000 RPM – Max tool speed: 20,000 RPM
- Patented design maximizes dust capture



Fits straight or right angle grinders with collets



Clear Revolution Shroud
1 Inch



Clear Revolution Shroud
2 Inch



Clear Revolution Shroud
3 Inch

Lexan polycarbonate shroud is virtually indestructible



Crystal clear window for 225° of visibility



High flow 1" swivel hose connection for maximum dust extraction



1", 2" & 3" Right Angle Sander Shrouds (sold with or without grinder)**Clear Revolution 1" Right Angle Grinder Shroud (25mm)**

Model	NSN	Pad	Abrasive Style	Weight lbs (kg)	Price
674-A1216TR		TR		-	
674-A1216TS		TS		-	
674-A1216TP		TP		-	

**Clear Revolution 2" Right Angle Grinder Shroud (50mm)**

Model	NSN	Pad	Abrasive Style	Weight lbs (kg)	Price
674-A1232TR	4130-01-460-4048	TR		-	
674-A1232TS		TS		-	
674-A1232TP	4130-01-459-8280	TP		-	

**Clear Revolution 3" Right Angle Grinder Shroud (76mm)**

Model	NSN	Pad	Abrasive Style	Weight lbs (kg)	Price
674-A1248TR		TR		-	
674-A1248TS		TS		-	
674-A1248TP	4130-01-459-8287	TP		-	

**Clear Revolution Shroud Parts**

Model	NSN	Desc	Price
672-004R		Mandrel	
672-1016TR		1" Pad TR Style	
672-1016TS		1" Pad TS Style	
672-1016TP		1" Pad TP Style	
672-1032TR-09		2" Pad TR Style	
672-1032TS-09		2" Pad TS Style	
672-1032TP-06	4130-01-459-5177	2" Pad TP Style	
672-1048TR-12		3" Pad TR Style	
672-1048TS-12		3" Pad TS Style	
672-1048TP-06	4130-01-459-5212	3" Pad TP Style	
674-A1216B		Bearing Replacement 1"	
674-A1232B		Bearing Replacement 2"	
674-A1248B		Bearing Replacement 3"	

*Bearing Replacement requires return to factory



Please call for other Tool & Shroud combinations that may be available.

For optimum dust extraction use Clayton ventilated abrasive discs or surface prep discs. All have holes for improved dust removal. Available in both TR and TS connection types.

MANDREL OPTIONS

- Shrouds with a 674- prefix have a 1/4in mandrel
- For Metric Size Mandrels Replace 674- with 774- and append suffix below

MODEL SUFFIX	MANDREL SIZE	COLLET SIZE
-48S	4.8MM SHORT	4.8MM
-48L	4.8MM LONG	4.8MM
-49S	4.95MM SHORT	4.95MM
-49L	4.95MM LONG	4.95MM
-60S	6MM SHORT	6MM
-60L	6MM LONG	6MM

⚠ Never exceed the maximum operating speed of your abrasive.
 ★ Available on GSA Advantage website @ www.GSAadvantage.gov

1", 2" & 3" Right Angle Sander Shrouds (sold with or without grinder)



Made of machined aluminum, and guaranteed for life. This shroud does not obscure the working edges of the abrasive discs, so users can easily see the work surface.

Every shroud includes: mandrel, disc pad, 2' x 1" hose whip, and cuff for connection to 1" vacuum hoses. Refer to hose and fitting section for other hose adapters.

Features

- Shroud does not obscure visibility
- Shroud swivels freely around mandrel, so the hose can be repositioned with ease
- Works with the grinders you already own - NO MODIFICATIONS REQUIRED
- Recommended tool speed: 12,000 RPM – Max tool speed: 20,000 RPM
- Patented design maximizes dust capture



Fits straight or right angle grinders with collets



Aluminum Revolution 2" Shroud



Aluminum Revolution 3" Shroud



Machined aluminum body



Replaceable bearings





2" & 3" Right Angle Sander Shrouds (sold with or without grinder)

Aluminum Revolution 2" Right Angle Grinder Shroud (50mm)

Model	NSN	Pad	Abrasive Style	Weight lbs (kg)	Price
674-A1032TR		TR		-	
674-A1032TS		TS		-	
674-A1032TP	4130-01-459-8270	TP		-	



Aluminum Revolution 3" Right Angle Grinder Shroud (75mm)

Model	NSN	Pad	Abrasive Style	Weight lbs (kg)	Price
674-A1048TR		TR		-	
674-A1048TS		TS		-	
674-A1048TP	4130-01-459-8274	TP		-	



Clear Revolution Shroud Parts

Model	NSN	Desc	Price
672-004S		Mandrel	
672-1016TR		1" Pad TR Style	
672-1016TS		1" Pad TS Style	
672-1016TP		1" Pad TP Style	
672-1032TR-09		2" Pad TR Style	
672-1032TS-09		2" Pad TS Style	
672-1032TP-06	4130-01-459-5177	2" Pad TP Style	
672-1048TR-12		3" Pad TR Style	
672-1048TS-12		3" Pad TS Style	
672-1048TP-06	4130-01-459-5212	3" Pad TP Style	
674-A1216B		Bearing Replacement 1"	
674-A1232B		Bearing Replacement 2"	
674-A1248B		Bearing Replacement 3"	

*Bearing Replacement requires return to factory



Please call for other Tool & Shroud combinations that may be available.

For optimum dust extraction use Clayton ventilated abrasive discs or surface prep discs. All have holes for improved dust removal. Available in both TR and TS connection types.

MANDREL OPTIONS

- Shrouds with a 674- prefix have a 1/4in mandrel
- For Metric Size Mandrels Replace 674- with 774- and append suffix below

MODEL SUFFIX	MANDREL SIZE	COLLET SIZE
-48S	4.8MM SHORT	4.8MM
-48L	4.8MM LONG	4.8MM
-49S	4.95MM SHORT	4.95MM
-49L	4.95MM LONG	4.95MM
-60S	6MM SHORT	6MM
-60L	6MM LONG	6MM

Cartridge Roll Shroud (sold with or without grinder)



Cartridge rolls are ideal for getting into small, hard to reach areas. As they wear, the wrapped layers of the cartridge roll continuously expose fresh abrasive layers for continual cutting action.

Every shroud includes: mandrel, 2' x 1" hose whip, and swivel adapter for connection to 1" vacuum hoses. Refer to hose and fitting section for other hose adapters.

Features

- Mandrel Pilot 1" x 1/8" – Tapers from 1/8" to 1/4" over 3/4"
- Supports cartridge rolls < 1" D x 1 1/2" L x 1/8" ID
- Fits ANY tool with a 1/4" collet – Straight or right angle sanders, grinders, routers, etc.
- Virtually indestructible Lexan is guaranteed for life
- Shroud does not obscure visibility
- Shroud swivels freely around mandrel, so the hose can be repositioned with ease
- Works with the grinders you already own - NO MODIFICATIONS REQUIRED
- Built-in Positive Lock swivel hose fitting – hoses won't pull free



Fits straight or right angle grinders with collets



Please call for other Tool & Shroud combinations that may be available.

Cartridge Roll Shroud

Model	NSN	Grinder	Orientation	Motor RPM	Motor HP (W)	Air Inlet ID inch (mm)	Weight lbs (kg)	Price
674-A1216CR		Not Included	-	-	-	-	-	
674-A1216CR-02R		Dotco 12L1280-36	Right Angle	12,000	0.3 (220)	1/4"	1.1 (0.5)	
672-A015		Replacement Cartridge Roll Mandrel with Clips						

⚠ Never exceed the maximum operating speed of your abrasive.

★ Available on GSA Advantage website @ www.GSAadvantage.gov



Seat Track Cleaning Shroud

Aircraft seat tracks are notoriously difficult to clean and typically consume large numbers of small abrasive discs.

The Clayton Clear Revolution shroud for seat track cleaning and corrosion removal allows users to quickly change abrasives without wrenches or other tools.

Every shroud includes: mandrel, 2' x 1" hose whip, and swivel adapter for connection to 1" vacuum hoses. Refer to hose and fitting section for other hose adapters.

Features

- Works with either Clayton $\frac{3}{4}$ " cotton fiber abrasives.
- Fits ANY tool with a $\frac{1}{4}$ " collet – Straight or right angle sanders, grinders, routers, etc.
- Virtually indestructible Lexan is guaranteed for life
- Shroud does not obscure visibility
- Shroud swivels freely around mandrel, so the hose can be repositioned with ease
- Works with the grinders you already own - NO MODIFICATIONS REQUIRED
- Built-in Positive Lock swivel hose fitting – hoses won't pull free



Mounted point on 1" shroud



Seat track shroud for cotton fiber abrasives includes one abrasive.



Fits straight or right angle grinders with collets



Please call for other Tool & Shroud combinations that may be available.

Clear Revolution Seat Track Shrouds

Model	NSN	Desc	Weight lbs (kg)	Price
674-A1216CF	1680-01-641-7585	1" Seat Track Shroud for Cotton Fiber Abrasive		
800-12054C-50	5130-01-641-7594	Cotton Fiber Seat Track Disc 50 Pack		

Clear Revolution Seat Track Shrouds with Grinder

Model	NSN	Grinder	Pad	Abrasive Style	Orientation	Motor RPM	Motor HP (W)	Air Inlet ID inch (mm)	Weight lbs (kg)	Price
674-A1216CF-02R		Dotco 12LF280-36	1/4-20	CF	Right Angle	12000	0.4 (298)	1/4"	1.1 (0.5)	

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★ Available on GSA Advantage website @ www.GSAadvantage.gov



Call 732-363-2100 / 800 248-8650 or Order 24 hours a day from our website @ www.JClayton.com



Edge Finishing & Deburring Shroud (sold with or without grinder)



When finishing and deburring panel edges, the abrasive and shroud are typically perpendicular to the panel surface. This makes it difficult to collect the debris.

Our Edge Finishing Shroud has a skirt that surrounds the abrasive to physically contain the debris and effectively capture it.

Every shroud includes: mandrel, disc pad, 2' x 1" hose whip and swivel adapter for connection to 1" vacuum hoses. Refer to hose and fitting section for other hose adapters.

Features

- Fits ANY tool with a 1/4" collet – straight or right angle sanders, grinders, routers, etc.
- Virtually indestructible Lexan is guaranteed for life
- Shroud does not obscure visibility
- Shroud swivels freely around shaft, so the hose can be repositioned with ease
- Works with the grinders you already own - NO MODIFICATIONS REQUIRED
- Positive Lock hose fitting – hoses won't pull free
- Recommended tool speed: 12,000 - 20,000 RPM
 - Max tool speed: 25,000 RPM

Center Slot Shroud has a notch to accommodate inside corners



Uses 2" TR/TS abrasive discs



Side Slot Shroud



Center Slot Shroud



Fits straight or right angle grinders with collets

Available in:



TR

TS/TSM

TP

Edge Trimmer and Deburring Shroud

Model	NSN	Description	Weight lbs (kg)	Price
674-A1248ETR		Edge Trimmer Shroud Kit TR Center & Side Slot		
674-A1248ETS		Edge Trimmer Shroud Kit TS Center & Side Slot		
674-A1248ETP		Edge Trimmer Shroud Kit TP Center & Side Slot		



MANDREL OPTIONS

- Shrouds with a 674- prefix have a 1/4in mandrel
- For Metric Size Mandrels Replace 674- with 774- and append suffix below

MODEL SUFFIX	MANDREL SIZE	COLLET SIZE
-60L	6MM LONG	6MM

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 ★ Available on GSA Advantage website @ www.GSAadvantage.gov



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Universal Cutoff Saw Shrouds (sold with or without grinder)

A grip on the top of the shroud aids in precise cuts. This puts your control above and in line with the cutting edge, making the tool much easier to control and more ergonomic. In addition, the grinder and shroud pivot independently, keeping the shroud flat on the work surface while the grinder pivots with your hand.

Every shroud includes: mandrel, 2' x 1" hose whip, and swivel adapter for connection to 1" vacuum hose. Refer to hose and fitting section for other hose adapters.

Features

- Fits ANY tool with a 1/4" collet – straight or right angle sanders, grinders, etc.
- Accepts discs with 1/4" arbor hole
- Precision finished anodized aluminum housing
- Positive Lock hose fitting – hoses won't pull free
- Built in depth control with graduation marks, provides precise adjustment
- Ergonomic comfort grip molded into shroud
- Works with the grinders you already own - NO MODIFICATIONS REQUIRED
- Recommended tool speed: 20,000 - 23,000 RPM – Max tool speed: 25,000 RPM



2" Universal Cutoff Saw Shroud (50mm)

Model	NSN	Grinder	Orientation	Motor RPM	Motor HP (W)	Air Inlet ID inch (mm)	Weight lbs (kg)	Price
674-A2032		Not Included	-	-	-	-	-	
690-72032-01R		Dotco 12L1281-36	Right Angle	20,000	0.3	1/4"		
690-72032-01S		Dotco 12L2580-01	Straight	23,000	0.9	1/4"		

3" Universal Cutoff Saw Shroud (75mm)

Model	NSN	Grinder	Orientation	Motor RPM	Motor HP (W)	Air Inlet ID inch (mm)	Weight lbs (kg)	Price
674-A2048		Not Included	-	-	-	-	-	
690-72048-01R		Dotco 12L1281-36	Right Angle	20,000	0.3	1/4"		
690-72048-01S		Dotco 12L2580-01	Straight	23,000	0.9	1/4"		



Please call for other
Tool & Shroud
combinations that
may be available.

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Universal Radial Shrouds (sold with or without grinder)



Designed for 3M Bristle Discs or cut off wheels, this shroud does not obscure the working edge of the abrasive, so users can easily see the work surface.

Every shroud includes: mandrel, 2' x 1" hose whip and swivel adapter for connection to 1" vacuum hoses. Refer to hose and fitting section for other hose adapters.

Features

- Fits ANY tool with a 1/4" collet – straight or right angle sanders, grinders, routers, etc.
- Shroud does not obscure visibility
- Shroud swivels freely around shaft, so the hose can be repositioned with ease
- Works with the grinders you already own, up to 25,000 rpm - NO MODIFICATIONS REQUIRED
- Positive Lock hose fitting – hoses won't pull free
- Accepts up to 4 bristle discs with 3/8" center hole



3" Radial Shroud Narrow (1-2 bristle discs or 1 cutoff wheel 75mm)

Model	NSN	Grinder	Orientation	Motor RPM	Motor HP (W)	Air Inlet ID inch (mm)	Weight lbs (kg)	Price
674-A1648		Not Included	-	-	-	-	-	
674-A1648-02R		Dotco 12L1280-36	Right Angle	12,000	0.3 (220)	1/4"	1.1 (0.5)	
674-A1648-03S		Dotco 12L2082-01	Straight	18,000	0.6 (448)	1/4"	1.4 (0.6)	

3" Radial Shroud Wide (2-4 bristle discs 75mm)

Model	NSN	Grinder	Orientation	Motor RPM	Motor HP (W)	Air Inlet ID inch (mm)	Weight lbs (kg)	Price
674-A2148		Not Included	-	-	-	-	-	
674-A2148-02R		Dotco 12L1280-36	Right Angle	12,000	0.3 (220)	1/4"	1.1 (0.5)	
674-A2148-03S		Dotco 12L2082-01	Straight	18,000	0.6 (448)	1/4"	1.4 (0.6)	



4" Radial Shroud Narrow (1 cutoff wheel 100mm)

Model	NSN	Grinder	Orientation	Motor RPM	Motor HP (W)	Air Inlet ID inch (mm)	Weight lbs (kg)	Price
674-A1664		Not Included	-	-	-	-	-	
674-A1664-02R		Dotco 12L1280-36	Right Angle	12,000	0.3 (220)	1/4"	1.1 (0.5)	
674-A1664-03S		Dotco 12L2082-01	Straight	18,000	0.6 (448)	1/4"	1.4 (0.6)	

⚠ Never exceed the maximum operating speed of your abrasive.
 ★ Available on GSA Advantage website @ www.GSAadvantage.gov

Drum Sander Shroud (sold with or without grinder)



Every shroud includes: mandrel, drum 2' x 1" hose whip, and swivel adapter for connection to 1" vacuum hoses. Refer to hose and fitting section for other hose adapters.

Features

- Fits ANY tool with a 1/4" collet – straight or right angle sanders, grinders, routers, etc.
- Virtually indestructible Lexan is guaranteed for life
- Shroud does not obscure visibility
- Shroud swivels freely around shaft, so the hose can be repositioned with ease
- Works with the grinders you already own - NO MODIFICATIONS REQUIRED
- Positive Lock hose fitting – hoses won't pull free
- Recommended tool speed: 12,000 RPM



1/2" to 1"

Front View



2"

Front View

Drum Sander Shrouds

Model	NSN	Description	Weight lbs (kg)	Price
674-A6016D08		Drum Sander Shroud 1in x 1/2	-	
674-A6016D10		Drum Sander Shroud 1in x 5/8		
674-A6016D12		Drum Sander Shroud 1in x 3/4		
674-A6016D16		Drum Sander Shroud 1in x 1in		

Radial Sander Shrouds

Model	NSN	Description	Weight lbs (kg)	Price
674-A6016D20		Drum Sander Shroud 1in x 1 1/4	-	
674-A6016D24		Drum Sander Shroud 1in x 1 1/2		
674-A6016D32		Drum Sander Shroud 1in x 2		

⚠ Never exceed the maximum operating speed of your abrasive.
 ★ Available on GSA Advantage website @ www.GSAadvantage.gov

MANDREL OPTIONS

- Shrouds with a 674- prefix have a 1/4in mandrel
- For Metric Size Mandrels Replace 674- with 774- and append suffix below

MODEL SUFFIX	MANDREL SIZE	COLLET SIZE
-60L	6MM LONG	6MM

Piloted Bonding Brush Shrouds - One Piece Metal Brush



Pilot Bonding Brushes are recommended for cleaning paint, primer, and corrosion around rivet holes. This ensures a positive electrical contact to eliminate static electricity. The brushes feature tightly spaced metal bristles which remove material at a consistent rate and still maintain a long life. Brushes are available in various pilot diameters and overall diameters to meet the needs of just about any application.

Tight Access shroud includes: mandrel, 2' x 3/4" hose whip and swivel adapter for connection to 1" vacuum hoses.

Clear Revolution shroud includes: mandrel, 2' x 1" hose whip and swivel adapter for connection to 1" vacuum hoses. Refer to hose and fitting section for other hose adapters.

Features

- Fits ANY tool that accepts the mandrel options listed below
- Straight or right angle sanders, grinders, routers, etc.
- Shroud swivels freely around mandrel
- Works with the tools you already own
- Built-in Positive Lock swivel hose fitting



Fits straight or right angle grinders with collets



Tight Access Notched Shroud
1/8in Mandrel
Brushes up to 5/8" OD

Front View



Tight Access Shroud
1/8in Mandrel
Brushes up to 5/8" OD

Front View



1" Clear Revolution Shroud
Brushes up to 3/4" OD

Front View



2" Clear Revolution Shroud
Brushes up to 1-1/4" OD

Front View

MANDREL OPTIONS

- Not applicable to Tight Access Shroud
- Clear Revolution Shrouds with a 674- prefix have a 1/4in mandrel
- For Metric Size Mandrels Replace 674- with 774- and append suffix below

Piloted Bonding Brush Shroud ONLY

Model	NSN	Description	Price
674-A1113PT		Tight Access Notched Piloted Bonding Shroud 1/8in Mandrel	
674-A1114PT		Tight Access Piloted Bonding Shroud 1/8in Mandrel	
674-A1216PT		Clear Rev Piloted Bonding Shroud	
674-A1232PT		Clear Rev Piloted Bonding Shroud 2in	

Please call for a complete list of available brush diameters and pilot tip diameters.

MODEL SUFFIX	MANDREL SIZE	COLLET SIZE
-48S	4.8MM SHORT	4.8MM
-48L	4.8MM LONG	4.8MM
-60S	6MM SHORT	6MM
-60L	6MM LONG	6MM



Piloted Bonding Abrasive Shrouds - 4 Piece System

Pilot Bonding Abrasives are recommended for cleaning paint, primer, and corrosion around rivet holes. This ensures a positive electrical contact to eliminate static electricity. Abrasives are available in various pilot diameters and overall diameters to meet the needs of just about any application.

Shrouds includes: mandrel, hose whip, and swivel adapter for connection to vacuum hoses. Pilot Tip, Friction Pad, and Abrasives sold separately.

Features

- Fits ANY tool that accepts the mandrel options listed below
- Straight or right angle sanders, grinders, routers, etc.
- Shroud swivels freely around mandrel
- Works with the tools you already own
- Built-in Positive Lock swivel hose fitting



4-Piece System



Step 1 – Select the Shroud

Select the Shroud based on the Abrasive OD Size.



MANDREL OPTIONS

- Not applicable to Tight Access Shroud
- Shrouds with a 674- prefix have a 1/4in mandrel
- For Metric Size Mandrels Replace 674- with 774- and append suffix below

Piloted Bonding Abrasive Shroud ONLY

Model	NSN	Description	Price
674-A1113PT		Tight Access Notched Piloted Bonding Shroud 1/8in Mandrel	
674-A1114PT		Tight Access Piloted Bonding Shroud 1/8in Mandrel	
674-A1216PT		Clear Rev Piloted Bonding Shroud	

MODEL SUFFIX	MANDREL SIZE	COLLET SIZE
-48S	4.8MM SHORT	4.8MM
-48L	4.8MM LONG	4.8MM
-60S	6MM SHORT	6MM
-60L	6MM LONG	6MM

Please call for a complete list of available brush diameters and pilot tip diameters.

Step 2 – Select the Pilot

Select the Pilot Tip based on the Abrasive OD and Hole Size.



Pilot Tips for 1/2in OD Abrasive



Item No	Desc	Pilot Diameter
672-08PE083-098	Hole Size #40 (.0980in) (2.49mm)	0.0830
672-08PE110-125	Hole Size 1/8in (.1250in) (3.175mm)	0.1100
672-08PE113-128	Hole Size #30 (.1285in) (3.26mm)	0.1135
672-08PE141-156	Hole Size 5/32 in (.1563in) (3.97 mm)	0.1413
672-08PE144-159	Hole Size #21 (.1590in) (4.04mm)	0.1440
672-08PE172-187	Hole Size 3/16in (.1875in) (4.76mm)	0.1725
672-08PE178-193	Hole Size #10 (.1935in) (4.91mm)	0.1785
672-08PE203-218	Hole Size 7/32 (.2188in) (5.56mm)	0.2038
672-08PE235-250	Hole Size 1/4in (.2500in) (6.35mm)	0.2350

Pilot Tips for 5/8in & 3/4in OD Abrasive



Item No	Desc	Pilot Diameter
672-12PE083-098	hole size #40 (.0980in) (2.49mm)	0.0830
672-12PE110-125	hole size 1/8in (.1250in) (3.175mm)	0.1100
672-12PE113-128	hole size #30 (.1285in) (3.26mm)	0.1135
672-12PE141-156	hole size 5/32 in (.1563in) (3.97 mm)	0.1413
672-12PE144-159	hole size #21 (.1590in) (4.04mm)	0.1440
672-12PE172-187	hole size 3/16in (.1875in) (4.76mm)	0.1725
672-12PE178-193	hole size #10 (.1935in) (4.91mm)	0.1785
672-12PE203-218	hole size 7/32 (.2188in) (5.56mm)	0.2038
672-12PE235-250	hole size 1/4in (.2500in) (6.35mm)	0.2350
672-12PE297-312	hole size 5/16in (.3125in) (7.94mm)	0.2975
672-12PE360-375	hole size 3/8in (.3750in) (9.52mm)	0.3600

Step 3 – Select the Friction Pad

Select the Friction Pad based on the Abrasive OD and Hole Diameter.

Friction Pads 10 pk for 1/2in OD Abrasive



Item No	Hole Diameter	
	From	To
672-0802FP-1	0.0775	0.1087
672-0802FP-2	0.1088	0.1399
672-0802FP-3	0.1400	0.1712
672-0802FP-4	0.1713	0.2024
672-0802FP-5	0.2025	0.2337
672-0802FP-6	0.2338	0.2649
672-0802FP-7	0.2650	0.2962

Friction Pads 10 pk for 5/8in & 3/4in OD Abrasive



Item No	Hole Diameter	
	From	To
672-1202FP-1	0.0775	0.1087
672-1202FP-2	0.1088	0.1399
672-1202FP-3	0.1400	0.1712
672-1202FP-4	0.1713	0.2024
672-1202FP-5	0.2025	0.2337
672-1202FP-6	0.2338	0.2649
672-1202FP-7	0.2650	0.2962
672-1202FP-8	0.2963	0.3274
672-1202FP-9	0.3275	0.3587
672-1202FP-10	0.3588	0.3899
672-1202FP-11	0.3900	0.4212



Step 4 – Select the Abrasive

Select the Abrasive based on the Abrasive OD, Abrasive Grit, and Hole Diameter.

Abrasive 1/2in OD (100 pk)



Item No	Grit	Hole Diameter	
		From	To
800-08P-4-003	Crs		
800-08P-4-006	Med	0.0931	0.1087
800-08P-4-009	Fine		
800-08P-5-003	Crs		
800-08P-5-006	Med	0.1088	0.1243
800-08P-5-009	Fine		
800-08P-6-003	Crs		
800-08P-6-006	Med	0.1244	0.1399
800-08P-6-009	Fine		
800-08P-7-003	Crs		
800-08P-7-006	Med	0.1400	0.1555
800-08P-7-009	Fine		
800-08P-8-003	Crs		
800-08P-8-006	Med	0.1556	0.1712
800-08P-8-009	Fine		
800-08P-9-003	Crs		
800-08P-9-006	Med	0.1713	0.1868
800-08P-9-009	Fine		
800-08P-10-003	Crs		
800-08P-10-006	Med	0.1869	0.2024
800-08P-10-009	Fine		
800-08P-11-003	Crs		
800-08P-11-006	Med	0.2025	0.2180
800-08P-11-009	Fine		
800-08P-12-003	Crs		
800-08P-12-006	Med	0.2181	0.2337
800-08P-12-009	Fine		
800-08P-13-003	Crs		
800-08P-13-006	Med	0.2338	0.2493
800-08P-13-009	Fine		
800-08P-14-003	Crs		
800-08P-14-006	Med	0.2494	0.2649
800-08P-14-009	Fine		

Abrasive 5/8in OD (100 pk)



Item No	Grit	Hole Diameter	
		From	To
800-10P-4-003	Crs		
800-10P-4-006	Med	0.0931	0.1087
800-10P-4-009	Fine		
800-10P-5-003	Crs		
800-10P-5-006	Med	0.1088	0.1243
800-10P-5-009	Fine		
800-10P-6-003	Crs		
800-10P-6-006	Med	0.1244	0.1399
800-10P-6-009	Fine		
800-10P-7-003	Crs		
800-10P-7-006	Med	0.1400	0.1555
800-10P-7-009	Fine		
800-10P-8-003	Crs		
800-10P-8-006	Med	0.1556	0.1712
800-10P-8-009	Fine		
800-10P-9-003	Crs		
800-10P-9-006	Med	0.1713	0.1868
800-10P-9-009	Fine		
800-10P-10-003	Crs		
800-10P-10-006	Med	0.1869	0.2024
800-10P-10-009	Fine		
800-10P-11-003	Crs		
800-10P-11-006	Med	0.2025	0.2180
800-10P-11-009	Fine		
800-10P-12-003	Crs		
800-10P-12-006	Med	0.2181	0.2337
800-10P-12-009	Fine		
800-10P-13-003	Crs		
800-10P-13-006	Med	0.2338	0.2493
800-10P-13-009	Fine		
800-10P-14-003	Crs		
800-10P-14-006	Med	0.2494	0.2649
800-10P-14-009	Fine		

Abrasive 3/4in OD (100 pk)



Item No	Grit	Hole Diameter	
		From	To
800-12P-4-003	Crs		
800-12P-4-006	Med	0.0931	0.1087
800-12P-4-009	Fine		
800-12P-5-003	Crs		
800-12P-5-006	Med	0.1088	0.1243
800-12P-5-009	Fine		
800-12P-6-003	Crs		
800-12P-6-006	Med	0.1244	0.1399
800-12P-6-009	Fine		
800-12P-7-003	Crs		
800-12P-7-006	Med	0.1400	0.1555
800-12P-7-009	Fine		
800-12P-8-003	Crs		
800-12P-8-006	Med	0.1556	0.1712
800-12P-8-009	Fine		
800-12P-9-003	Crs		
800-12P-9-006	Med	0.1713	0.1868
800-12P-9-009	Fine		
800-12P-10-003	Crs		
800-12P-10-006	Med	0.1869	0.2024
800-12P-10-009	Fine		
800-12P-11-003	Crs		
800-12P-11-006	Med	0.2025	0.2180
800-12P-11-009	Fine		
800-12P-12-003	Crs		
800-12P-12-006	Med	0.2181	0.2337
800-12P-12-009	Fine		
800-12P-13-003	Crs		
800-12P-13-006	Med	0.2338	0.2493
800-12P-13-009	Fine		
800-12P-14-003	Crs		
800-12P-14-006	Med	0.2494	0.2649
800-12P-14-009	Fine		
800-12P-18-003	Crs		
800-12P-18-006	Med	0.3119	0.3274
800-12P-18-009	Fine		
800-12P-22-003	Crs		
800-12P-22-006	Med	0.3744	0.3899
800-12P-22-009	Fine		

Universal Drill Shroud (sold with or without drill)



This Universal Shroud design attaches between the drill and chuck and provides exceptional dust collection when used on composites or sheet metal. The shroud works with drill bits, reamers, and countersinks.

Every shroud includes: 1" x 2' vacuum hose whip, 2 interchangeable lexan tips, and swivel adapter for connection to 1" vacuum hoses. Refer to hose and fitting section for other hose adapters.

Features

- Fits non-reversing drills with a 3/8"-24 threaded chuck
- Precision finished anodized aluminum housing
- Crystal Clear Lexan shroud does not obscure visibility (includes 2 sizes)
- Works with the drills you already own, up to 25,000 rpm
- Works with microstop countersinks up to 1.70" OD
- Removable/Replaceable Lexan shroud
- Positive Lock hose fitting – hoses won't pull free
- Shroud swivels freely around chuck, so the hose can be repositioned
- Shroud self centers on drill bit without the need for any expensive bushings
- Built-in depth control



**Please call for other
Tool & Shroud
combinations that
may be available.**



Universal Drill Shroud

Model	NSN	Chuck Size	Drill	Orientation	Motor RPM	Motor HP (W)	Air Inlet ID inch (mm)	Weight lbs (kg)	Price
674-A3005		-	Not Included	-	-	-	-	-	
690-73004-01		3/8"	Dotco 14CNL92-51	Pistol Grip	3,200	0.5 (373)	1/4"	2.5 (1.1)	
690-73004-02		3/8"	Dotco 14CSL95-51	Pistol Grip	1,300		1/4"		
690-73004-03		1/4"	Dotco 14CFS93-38	Pistol Grip	3,200		1/4"		
690-73004-04		3/8"	Dotco 14CSL92-51	Pistol Grip	3,200	0.6	1/4"		
690-73004-20		3/8"	Ingersoll Rand 728LA2	Pistol Grip	2,850	0.9 (670)	1/4"	2.4 (1.0)	

⚠ Never exceed the maximum operating speed of your abrasive.
★ Available on GSA Advantage website @ www.GSAadvantage.gov

Right Angle Drill Shroud

When it's time to make holes in tight spaces, the best tool for the job is the right angle drill. The drill's narrow stature gives it the ability to fit in tight quarters, but makes dust collection difficult. The Clayton drill shroud is a modular solution that can be easily clipped onto a drill to collect dust and chips while drilling. The base shroud collects from directly behind the bit, and optional attachments allow collection from the front or sides. The shroud can be easily removed for storage or to be moved to another tool.

Base shroud includes: 2' x 3/4" hose whip and swivel adapter for connection to 1" vacuum hoses.
Base shroud is required for left, right and front attachments.

Refer to hose and fitting section for hose adapters.

Features

- Fits right angle drills with a 0.63" nominal shaft diameter
- Snaps on and off drill easily

Drill Shroud (Right Angle)

Model	NSN	Desc	Weight lbs (kg)	Price
674-A3010		Clip On Drill Shroud 5pc		
674-3010A		Clip on Drill Shroud Base only		
674-3010B		Clip on Drill Shroud Back Pickup only		
674-3010L		Clip on Drill Shroud Left Pickup only		
674-3010R		Clip on Drill Shroud Right Pickup only		
674-3010F		Clip on Drill Shroud Front Pickup only		
674-A3010-K1		Clip on Drill Shroud 5pc Boxed Kit		



Box Kit



Right Pickup



Back Pickup



Left Pickup



Front Pickup

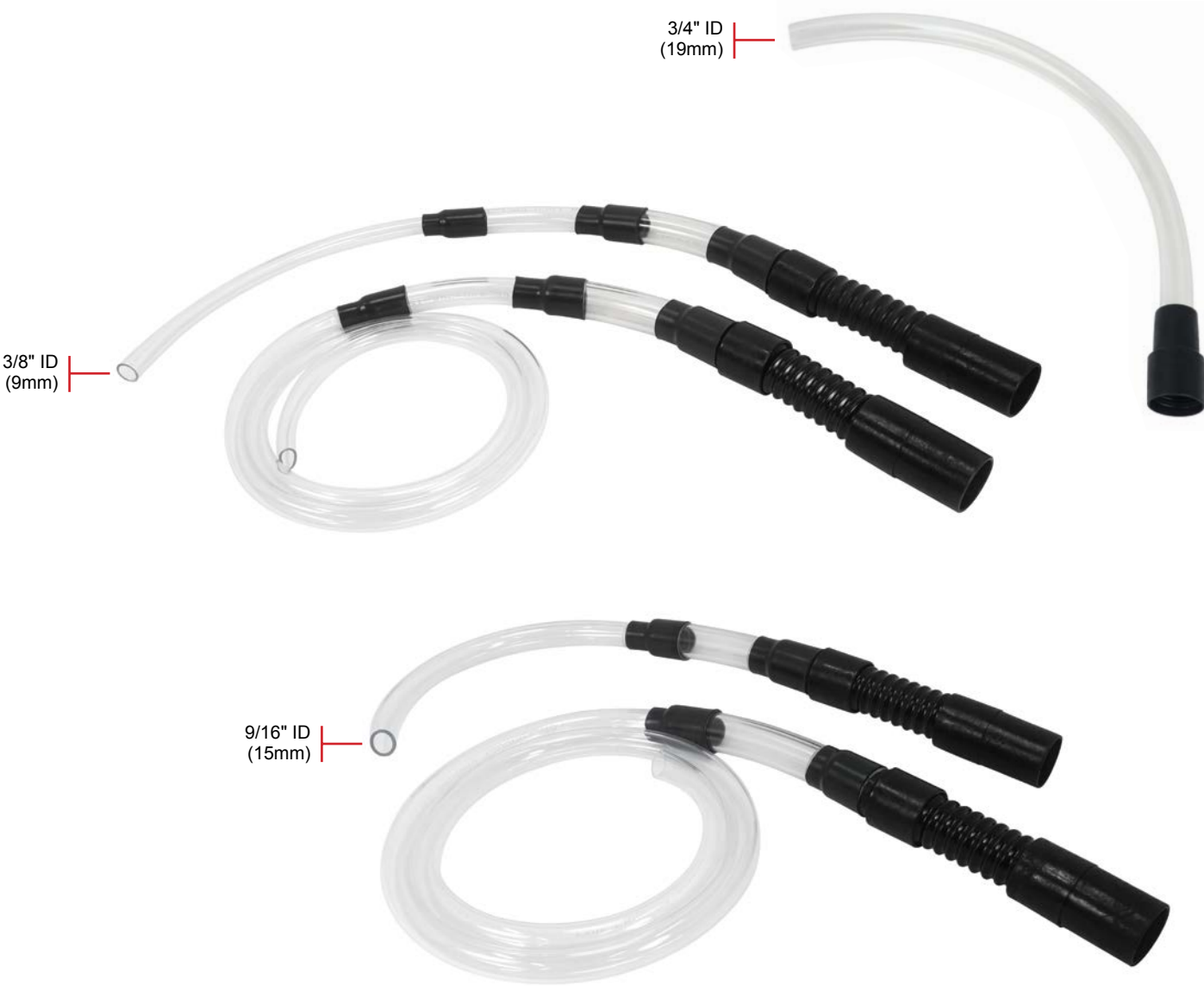


Flexible FOD Wands

Our flexible FOD wands are made from clear Tygon tubing and come in multiple sizes. All terminate in 1in female hose thread and include a 1-1/4in smooth female adapter.

Flexible FOD Wands

Model	NSN	Desc	Price
500-512-0609		FOD Wand 3/8in (9mm) ID x 12in (30cm) Tygon Clear	
500-512-0912		FOD Wand 9/16in (15mm) ID x 12in (30cm) Tygon Clear	
500-524-1216		FOD Wand 3/4in (19mm) ID x 24in (60cm) Tygon Clear	
500-548-0609		FOD Wand 3/8in (9mm) ID x 48in (1.2m) Tygon Clear	
500-548-0912		FOD Wand 9/16in (15mm) ID x 48in (1.2m) Tygon Clear	



PRECISION DRILLS

Drilling Kits

Model	NSN	Desc	Price
690-800-0650		Air Drill 650 RPM 1/4in Keyless Chuck	
690-800-2000R		Air Drill 2000 RPM 1/4in Keyed Chuck Reversible	
690-800-2400		Air Drill 2400 RPM 1/4in Keyless Chuck	
690-800-3100R		Air Drill 3100 RPM 1/4in Keyed Chuck Reversible	
690-800-3200		Air Drill 3200 RPM 1/4in Keyless Chuck	
690-800-4000		Air Drill 4000 RPM 1/4in Keyless Chuck	

Six of the smoothest air drills you've ever used. The reversible drills feature a lockable thumb button reverse and precision keyed chuck. The non-reversible drills are available in low speed high torque, and high speed compact. Both are equipped with precision Rohm keyless chucks for fast and easy bit changes. All drills have adjustable directional exhaust, variable speed triggers, Hogue grips, and 1/4" air inlets.



Lockable Reverse Button



Precision Keyed 3/8" Chuck



Variable Speed Trigger



Directional Exhaust



Hogue Grip



Rohm Keyless 1/4" Chuck

2000 RPM Compact
Reversible3100 RPM Compact
Reversible

REVERSIBLE KIT

650 RPM
High Torque2400 RPM
High Torque

LOW SPEED KIT

3200 RPM
Compact4000 RPM
Compact

HIGH SPEED KIT

Soft Drill Shrouds



Soft Drill Shrouds are a great way to collect dust, chips, and shavings from drilling operations. These flexible shrouds conform to flat and curved surfaces, and the suction from the vacuum keeps them in place so you can focus on the job. Just place the shroud on your work surface and turn on the vacuum. Drill through the middle of the shroud, and the peripheral holes will draw the dust and shavings into the vacuum. The smaller shroud covers holes up to 1.375" in diameter. The large shroud allows for a customizable opening, up to 4.0", for bigger bits, spade bits, and hole saws.

Features

- Works with any drill
- Clear shroud does not obscure visibility (includes 2 sizes)



Please call for other Tool & Shroud combinations that may be available.



Soft Drill Shrouds

Model	NSN	Description	Weight lbs (kg)	Price
674-A3122	4130-01-460-4041	Soft Drill Shroud 1-3/8in ID		
674-A3164		Soft Drill Shroud 1in - 4in ID		

Drill Guides

Designed to replace your existing drill blocks and egg cups, our vacuum Drill Guides accept a variety of bushings to hold your drill bit perfectly perpendicular to your work surface. They contain and extract drilling debris including dust, chips and swarf with a high flow 1in vacuum hose connection.

Features

- Made of virtually indestructible crystal clear Lexan
- Includes 2ft of 1in vacuum hose and threaded 1in swivel cuff
- Slip Fixed Drill Guides accept any 1/2in OD Slip Fixed Bushings
- Threaded Drill Guides accept either 1/2-13 or 3/4-16 bushings depending on model
- Open Drill Shrouds provide a 3/4in opening for drilling without bushings.
- 2in Drill Guides will hold themselves on smooth vertical surfaces while vacuum source is active
- Requires a vacuum source sold separately
- Bushings sold separately

	Slip Fixed Bushing Guides	Threaded Bushing Guides	Open Drill Shrouds
1in Guides			
2in Guides			

Drill Guides

Model	NSN	Bushing Type	Accepts Bushings	Shroud Diameter	Weight lbs (kg)	Price
674-A1316-08SF		Slip Fixed	1/2" OD	1"		
674-A1332-08SF		Slip Fixed	1/2" OD	2"		
674-A13XX-08SF	4130-01-502-1336	Slip Fixed	1/2" OD	1" & 2"		
674-A1316-08T		Threaded	1/2-13	1"		
674-A1332-08T		Threaded	1/2-13	2"		
674-A1316-12T		Threaded	3/4-16	1"		
674-A1332-12T		Threaded	3/4-16	2"		
674-A1316-12X		Open	None	1"		
674-A1332-12X		Open	None	2"		

⚠ Never exceed the maximum operating speed of your abrasive.

* Available on GSA Advantage website @ www.GSAadvantage.gov

The Microstop Countersink Shroud Kit & Individual Shrouds

Whether you're preparing carbon fiber, aluminum, or other panels, countersinks create a lot of dust, chips, and potentially hazardous debris and FOD. The Clayton clip-on countersink shrouds are designed to work with the cages you already own. They attach to different size cages, and allow you to vacuum away the debris from the work surface, reducing FOD and controlling potentially hazardous dust. The shrouds are available in a number of sizes to fit the outer diameter of a full range of microstop countersink cages. Just measure the OD of your cage, and select the shroud that fits your tool.

Microstop Countersink Shroud Kit

Model	NSN	Description	Weight lbs (kg)	Price
1535150	4130-01-459-8316	Microstop Clip On Shroud Kit, 12 PC		

Shroud Kit Includes

- 12 shrouds sizes .625in to 2in
- 2 vacuum hose adapters
- Magnetic quick disconnect
- Carry case



12pc Kit

Microstop Countersink Shrouds

Model	NSN	Description	Weight lbs (kg)	Price
674-MS10D11		Microstop Carbon Fiber Shroud for 0.625in Diameter		
674-MS12D13		Microstop Carbon Fiber Shroud for 0.75in Diameter		
674-MS14D15		Microstop Carbon Fiber Shroud for 0.875in Diameter		
674-MS16D17		Microstop Carbon Fiber Shroud for 1in Diameter		
674-MS18D19		Microstop Carbon Fiber Shroud for 1.125in Diameter		
674-MS20D21		Microstop Carbon Fiber Shroud for 1.25in Diameter		
674-MS22D23		Microstop Carbon Fiber Shroud for 1.375in Diameter		
674-MS24D25		Microstop Carbon Fiber Shroud for 1.5in Diameter		
674-MS26D27		Microstop Carbon Fiber Shroud for 1.625in Diameter		
674-MS28D29		Microstop Carbon Fiber Shroud for 1.75in Diameter		
674-MS30D31		Microstop Carbon Fiber Shroud for 1.875in Diameter		
674-MS32D33		Microstop Carbon Fiber Shroud for 2in Diameter		

Belt Sander Shroud (sold with or without Dotco sander)

Our Tool Specific Belt Sander Shroud complements a 12K RPM 6" x ½" Dotco belt sander.

The shroud does not obscure the working edges of the abrasive belt, so users can easily see the work surface and get into tight areas.

Every shroud includes: 2' x 1" hose whip and swivel adapter for connection to 1" vacuum hoses. Refer to hose and fitting section for other hose adapters.

Features

- Compact 6" arm accepts ½" x 12" belts
- Precision finished anodized aluminum housing
- Shroud does not obscure visibility
- Shroud swivels on tool with sander belt
- Positive Lock hose fitting – hoses won't pull free
- Abrasive belts available in standard grits and non-woven



1/2" Belt Sander Shroud for Dotco (13mm)

Model	NSN	Belt Size	Sander	Orientation	Motor RPM	Motor HP (W)	Air Inlet ID inch (mm)	Weight lbs (kg)	Price
674-A4008		-	Not Included	-	-	-	-	-	
674-A4008-02R	4130-01-460-8182	1/2" (12)	Dotco 12L1280-36B2		12,000	0.3 (220)	1/4"	1.4 (0.6)	

1/2" Belt Sander Shroud for Ingersoll Rand (model CA120RS812 or G1A120RS812)

Model	NSN	Belt Size	Sander	Orientation	Motor RPM	Motor HP (W)	Air Inlet ID inch (mm)	Weight lbs (kg)	Price
674-A4108		1/2" (12)	Not Included	-	-	-	-	-	

- ⚠ Never exceed the maximum operating speed of your abrasive.
- ★ Available on GSA Advantage website @ www.GSAadvantage.gov
- ⚡ This item has an NSN - See Model / NSN table on page 4.



Please call for other Tool & Shroud combinations that may be available.

Belt Sander Shroud (sold with or without Dynabrade sander)

Our Tool Specific Belt Sander Shroud complements a 1/2" x 6" Dynabrade belt sander.

The shroud does not obscure the working edges of the abrasive belt, so users can easily see the work surface and get into tight areas.

Every shroud includes: 2' x 1" hose whip and swivel adapter for connection to 1" vacuum hoses.

Features

- Compact 6" arm accepts 1/2" x 12" belts
- Precision finished anodized aluminum housing
- Shroud does not obscure visibility
- Shroud swivels on tool with sander belt
- Abrasive belts available in standard grits and non-woven

1/2" Belt Sander Shrouds

Model	Belt Size in (mm)	Sander	Motor RPM	Motor HP (W)	Weight lbs (kg)	Price
674-A4208	-	Shroud Only - Belt Sander NOT included Dynabrade Not Included	-	-	-	
674-A4208-10	1/2 (12)	Shroud with Mini-Dynafile II	25,000	.4 (298)	1.7	



Shroud and Belt Sander

Shroud Only

⚠ Never exceed the maximum operating speed of your abrasive.



Dreamliner Repair Kit

The 787 Dreamer Kit is a collection of Boeing specified drill bits, reamers, and counter sinks for stringer and skin repair on the Boeing 787 Dreamliner. These are the same bits used at the Boeing training center for 787 repairs in Miami Florida. The kit also includes three drills with Boeing specified RPMs for the repair.

Features:

- 116 custom drill bits, reamers, pilot tips, and countersinks
- 3 Atlas Copco drills 500, 1000, and 6000 RPM
- Drills are equipped with Clayton dust & chip collection shrouds
- Shadow boxed tool control foam
- Chromacoded tubes for quick good / bad bit identification
- Packed in an indestructible Pelican case

116 custom drill bits, reamers,
counter sinks and pilots



Chromacoded tubes for quick
good / bad cutter identification
Green Up – Cutter is good
Red Up – Cutter is bad



787 Dreamer Kits

Model	Description	Weight lbs (kg)	Price
AMK-787AC-01	787 Dreamer Kit		



Clayton Shrouded Drills Included

Requires an external vacuum source for dust collection (not included)

Adjustable depth stop



Self Centering Clear Lexan Tip

Replacement Shrouded Drills

Qty	Model	Description
1	690-73004-40	Atlas Copco pistol drill LBB16 EPX 005 - 500 RPM
1	690-73004-41	Atlas Copco pistol drill LBB16 EPX 010 - 1000 RPM
1	690-73004-42	Atlas Copco pistol drill LBB16 EPX 060 - 6000 RPM



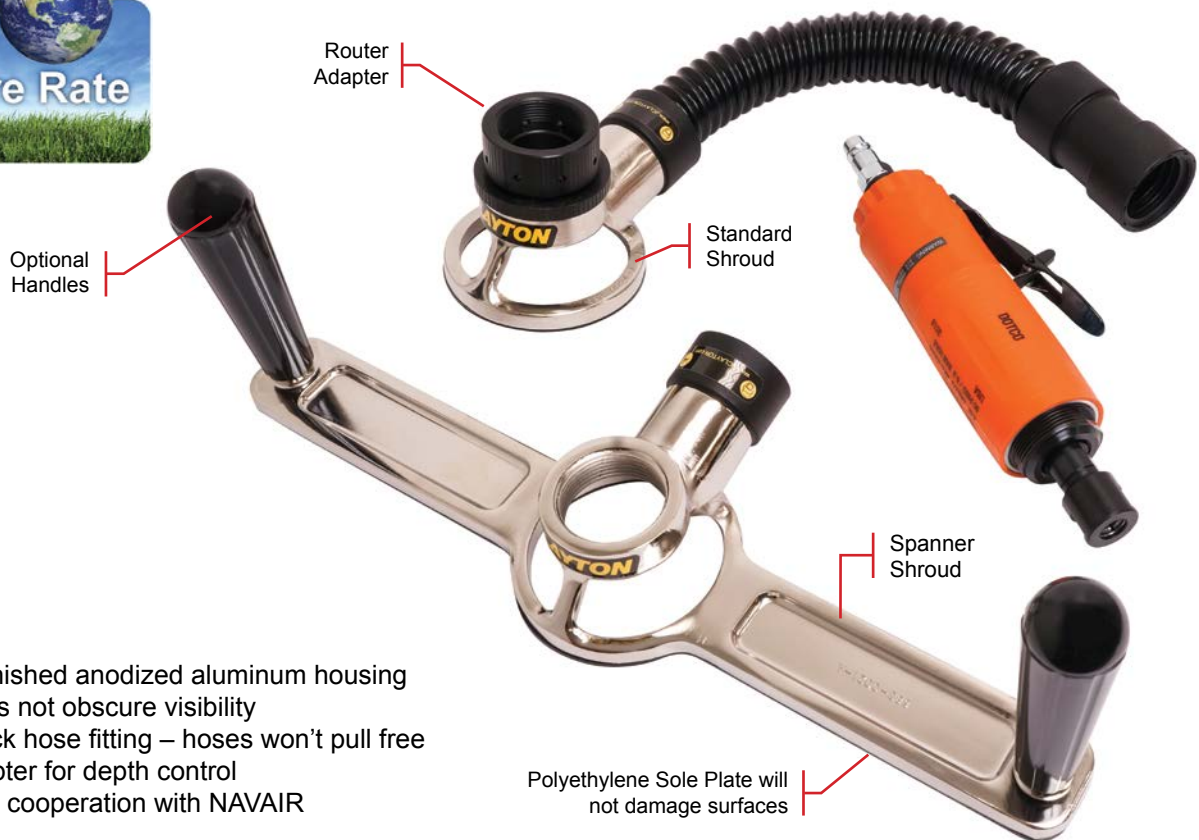
Replacement Cutting Tools

Qty	Model	Boeing Tool #	Description
24	BA-ST10-907	ST10-907-H-1285-1-44-24	#30 Solid Carbide Jobber Length Drill 135° Split Point (Per Boeing ST10-907A)
6	BA-ST1257B-1285	ST1257B-1285-600-1	0.1285X6" SS carbide dreamer Pilot drill Carbon (Dash 6)
6	BA-ST1257B-1900	ST1257B-1900-600-1	0.1900x6" SS carbide dreamer for -6 Hiloc, loc bolt or OSI
6	BA-ST1257B-1990	ST1257B-1990-600-1	0.1990x6" SS carbide dreamer for BACBVK or BACBVL -6 blind bolt
6	BA-ST1257B-2610	ST1257B-2610-600-1	0.2610X6" SS carbide dreamer Pilot drill Carbon (Dash 8)
6	BA-ST1864R19004	ST1864R-1900-1580-4-126-4-96-1-7	0.190x0.158x0.126" SS carbide step-reamer Step Ti and Carbon (Dash 6)
6	BA-ST1864R25004	ST1864R-2500-2200-4-190-4-96-1-7	0.250x0.220x0.190" SS carbide step-reamer Step Ti and Carbon (Dash 8)
6	BA-ST1864R31254	ST1864R-3125-2800-4-250-4-96-1-7	0.3125x0.280x0.190" SS carbide step-reamer Step Ti and Carbon (Dash 10)
3	BA-ST1223CD100	ST1223C-D-630-100-3	5/8" dia. Polycrystalline diamond coated 100° countersink use .125 shank pilots
3	BA-ST1223CD130	ST1223C-D-630-130-2	5/8" dia. Polycrystalline diamond coated 130° countersink use .125 shank pilots
10	BA-ST1223CDP190	ST1223C-DP-190-82-124	0.124 shank 0.190 diameter pilot for ST1223C cutter (Dash 6)
10	BA-ST1223CDP198	ST1223C-DP-198-82-124	0.124 shank 0.198 diameter pilot for ST1223C cutter (Dash 6)
10	BA-ST1223CDP248	ST1223C-DP-248-82-124	0.124 shank 0.248 diameter pilot for ST1223C cutter (Dash 8)
10	BA-ST1223CDP260	ST1223C-DP-260-82-124	0.124 shank 0.260 diameter pilot for ST1223C cutter (Dash 8)
10	BA-ST1223CDP312	ST1223C-DP-312-82-124	0.124 shank 0.312 diameter pilot for ST1223C cutter (Dash 10)

Router Shroud (sold with or without Dotco Router)

Our Tool Specific Router Shroud complements a 23K RPM 1¼" Dotco Router.

Every shroud kit includes: Standard Shroud, Spanner Shroud, Router Adapter Ring, 2' x 1" vacuum hose whip, and swivel adapter for connection to 1" vacuum hose. Refer to hose and fitting section for other hose adapters.



Features

- Precision finished anodized aluminum housing
- Shroud does not obscure visibility
- Positive Lock hose fitting – hoses won't pull free
- Router adapter for depth control
- Designed in cooperation with NAVAIR

Router Shroud

Model	NSN	Description	Grinder	Orientation	Motor RPM	Motor HP (W)	Air Inlet ID inch (mm)	Weight lbs (kg)	Price
674-A3201		Shroud & Spanner Kit	Not Included	-	-	-	-	-	
674-A3202		Shroud Kit	Not Included	-	-	-	-	-	
690-73201-01S		Router Shroud & Spanner Kit	Dotco 12L2580-01	Straight	23,000	0.9	1/4"		
690-73202		Router Shroud Kit	Dotco 12L2580-01	Straight	23,000	0.9	1/4"		

Router Shroud Replacement Parts

Model	NSN	Description	Weight lbs (kg)	Price
683-0022		Router Adapter Ring		
602-0024		Polyethylene Standard Sole Plate		
602-0021		Polyethylene Spanner Sole Plate		



Please call for other Tool & Shroud combinations that may be available.

★ Available on GSA Advantage website @ www.GSAadvantage.gov



Call 732-363-2100 / 800 248-8650 or Order 24 hours a day from our website @ www.JClayton.com



Inline Router (sold with or without Dotco Router)

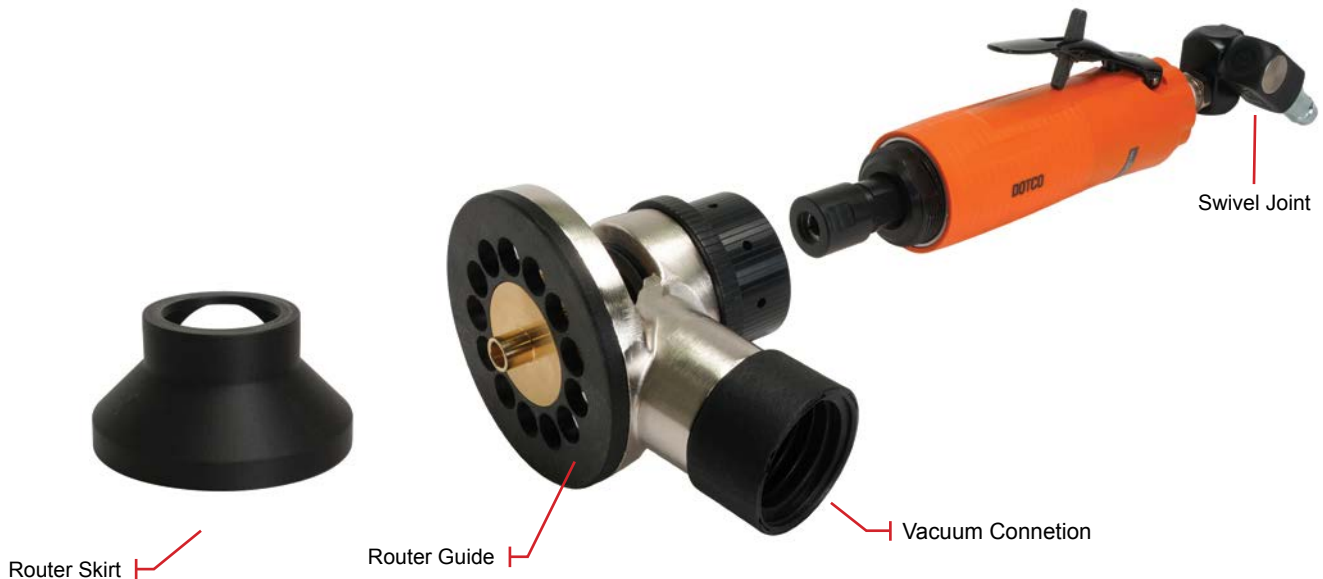
The inline router provides the power and control needed for trimming and routing along fixtures. Carbon fiber, aluminum, and other substrates generate large amounts of airborne dust and pose a serious risk to workers and aerostructures. This router collects the airborne dust and helps to reduce the chips and debris. The shroud connects to a portable or central vacuum. This shrouded router is a standard in NAVAIR and USAF maintenance kits. The shroud is available alone or with a 0.9HP motor.

Features

- 2' x 1" vacuum hose whip
- Swivel adapter for connection to 1" hose.
- Positive Lock hose fitting – hoses won't pull free
- Depth Adjustment
- Router Guides & Skirt



Router Guides



Inline Router Shroud

Model	NSN	Description	Price
674-A3250		Router Shroud (No Router)	
60083K	4130-01-459-1485	Router with Shroud 23K RPM 1/8in Guide	



Please call for other
Tool & Shroud
combinations that
may be available.

⚠ Never exceed the maximum operating speed of your abrasive.
★ Available on GSA Advantage website @ www.GSAadvantage.gov

Pencil Grinder Kit

Straight 70K rpm and right angle 56K rpm pencil grinders include cases, carbide & stone grinding burrs, and clip on dust collection shrouds.

Scorpion kit includes both Pencil Grinders, Scorpion Pneumatic vac, hoses, and a rugged ballistic nylon tool bag.



INCLUDES
DUST COLLECTION

Pencil Grinder Kit

Model	NSN	Description	Price
690-PG56KS-KIT		Pencil Grinder Straight 56K rpm Kit	
690-PG70KR-KIT		Pencil Grinder Right Angle 70K rpm Kit	
690-PGSR-01		Pencil Grinder Kit Straight/Right Angle/Scorpion	



70K rpm Right Angle Pencil Grinder



Front Pickup



Right Pickup



Left Pickup



Scorpion Vacuum
with Straight Pen Grinder



56K rpm Straight Pen Grinder



Straight Pickup





Burrs

The first step in preparing components is heavy stock removal, and nothing handles that job better than a rotary file. Unfortunately, nothing makes a bigger mess than a rotary file. This innovative shroud is engineered to evacuate the airborne dust and debris from the work area while still allowing visibility and access to the tool.

Every shroud includes: mandrel, 2' x 1" hose whip, and swivel adapter for connection to 1" vacuum hoses. Refer to hose and fitting section for other hose adapters.

Features

- 1/2" and 3/4" threaded rotary files available separately
- Fits ANY tool with a 1/4" collet – Straight or right angle grinders, drills, routers, etc.
- Virtually indestructible Lexan is guaranteed for life
- Shroud does not obscure visibility
- Shroud swivels freely around mandrel, so the hose can be repositioned with ease
- Works with the grinders you already own - NO MODIFICATIONS REQUIRED
- Built-in Positive Lock swivel hose fitting – hoses won't pull free



**Fits straight or
right angle grinders
with collets**

Burr Shroud

Item No	NSN	Description	Price
674-A1216BR		Burr Shroud 1in	



Side View



Front View



MANDREL OPTIONS

- Shrouds with a 674- prefix have a 1/4in mandrel
- For Metric Size Mandrels Replace 674- with 774- and append suffix below

MODEL SUFFIX	MANDREL SIZE	COLLET SIZE
-60L	6MM LONG	6MM

Rotary Shrouds for Hook & Loop Abrasives

Tight Access shroud includes: disc holder, mandrel, 2' x 3/4" hose whip and swivel adapter for connection to 1" vacuum hoses.

Clear Revolution shroud includes: disc holder, mandrel, 2' x 1" hose whip and swivel adapter for connection to 1" vacuum hoses. Refer to hose and fitting section for other hose adapters.



Fits straight or right angle grinders with collets

Features

- Fits ANY tool with collet sizes listed below – straight or right angle sanders, grinders, routers, etc.
- Lexan Shrouds are virtually indestructible and guaranteed for life
- Lexan Shrouds do not obscure visibility



Tight Access Shroud 1/8in Mandrel
7/8in (22mm) Disc Holder



Clear Revolution Shroud
Notched for Visibility & Access
7/8in (22mm) Disc Holder



Clear Revolution Shroud
7/8in (22mm) Disc Holder



Clear Revolution Shroud
Notched for Visibility & Access
2-1/2in (51mm) Disc Holder



Clear Revolution Shroud
2-1/2in (51mm) Disc Holder



Clear Revolution Shroud
Notched for Visibility & Access
1-1/4in (32mm) Disc Holder



Clear Revolution Shroud
1-1/4in (32mm) Disc Holder

7/8in (22mm) JHook Shrouds

Model	NSN	Description	Price
674-A1114J14		Tight Access Shroud 7/8in JHook 1/8in Mandrel	
674-A1216J14		1in Clear Rev Shroud 7/8in JHook	
674-A1214J14		1in Clear Rev Shroud Notched 7/8in JHook	

Clear Revolution 1-1/4in (32mm) JHook Shrouds

Model	NSN	Grinder	Price
674-A1232J20		2in Clear Rev Shroud 1.25in JHook	
674-A1230J20		2in Clear Rev Shroud Notched 1.25in JHook	

Clear Revolution 1-5/16 (33mm) JHook Shrouds

Model	NSN	Grinder	Price
674-A1232J21		Jhook Shroud 1-5/16 Pad	
674-A1230J21		Jhook Shroud 1-5/16 Pad notched	

Clear Revolution 2-1/2 (64mm) JHook Shrouds

Model	NSN	Grinder	Price
674-A1248J40		3in Clear Rev Shroud 2.5in JHook	
674-A1246J40		3in Clear Rev Shroud Notched 2.5in JHook	

MANDREL OPTIONS

- Shrouds with a 674- prefix have a 1/4in mandrel
- For Metric Size Mandrels Replace 674- with 774- and append suffix below
- Not applicable to Tight Access Shroud

MODEL SUFFIX	MANDREL SIZE	COLLET SIZE
-48S	4.8MM SHORT	4.8MM
-48L	4.8MM LONG	4.8MM
-49S	4.95MM SHORT	4.95MM
-49L	4.95MM LONG	4.95MM
-60S	6MM SHORT	6MM
-60L	6MM LONG	6MM

Shrouds for Flap Wheels and Buffing Wheels

Shrouds accept either flap wheels or buffing wheels. Notched shrouds expose more of the wheel. Letterbox models are more enclosed and provide greater dust extraction if conditions permit their use.

Every shroud includes: mandrel, 2' x 1" hose whip and swivel adapter for connection to 1" vacuum hoses. Refer to hose and fitting section for other hose adapters.

Features

- Fits ANY tool with collet sizes listed below – straight or right angle sanders, grinders, routers, etc.
- Lexan Shrouds are virtually indestructible and guaranteed for life
- Lexan Shrouds do not obscure visibility
- Abrasive flap wheels not included



1-1/2 x 1in
(38 x 25mm)
Open Bottom



1-1/2 x 1in
(38 x 25mm)
Closed Bottom



1-1/2 x 1in
(38 x 25mm)
Letterbox



2-1/2 x 2in
(64 x 51mm)
Open Bottom



2-1/2 x 1in
(64 x 25mm)
Open Bottom



2-1/2 x 1in
(64 x 25mm)
Closed Bottom



2-1/2 x 1in
(64 x 25mm)
Letterbox



2-1/2 x 2in
(64 x 51mm)
Closed Bottom

Flap Wheel Shroud 1-1/2 x 1in (38 x 25mm)

Model	NSN	Description	Price
674-A2432		Flap Wheel Shroud 1.5 x 1in Notched Open Bottom	
674-A2532		Flap Wheel Shroud 1.5in Notched	
674-A2632		Flap Wheel Shroud 1.5in Letterbox	

Flap Wheel Shroud 2-1/2 x 1in (64 x 25mm)

Model	NSN	Description	Price
674-A2448		Flap Wheel Shroud 2.5 x 1in Notched Open Bottom	
674-A2548		Flap Wheel Shroud 2.5in Notched	
674-A2648		Flap Wheel Shroud 2.5in Letterbox	

Flap Wheel Shroud 2-1/2 x 2in (64 x 51mm)

Model	NSN	Description	Price
674-A2748		Flap Wheel Shroud 2.5 x 2in Notched	
674-A2948		Flap Wheel Shroud 2.5 x 2in Notched Open Bottom	

MANDREL OPTIONS

- Shrouds with a 674- prefix have a 1/4in mandrel
- For Metric Size Mandrels Replace 674- with 774- and append suffix below

MODEL SUFFIX	MANDREL SIZE	COLLET SIZE
-48S	4.8MM SHORT	4.8MM
-48L	4.8MM LONG	4.8MM
-49S	4.95MM SHORT	4.95MM
-49L	4.95MM LONG	4.95MM
-60S	6MM SHORT	6MM
-60L	6MM LONG	6MM

Rivet Shaver Shroud (sold with or without Dotco rivet shaver)

Our Tool Specific Rivet Shaver Shroud complements a 20K RPM 1¼" Dotco Rivet Shaver.

The shroud can be used with or without stabilizer.

Every shroud includes: 2' x ¾" hose whip, and swivel adapter for connection to 1" vacuum hose. Refer to hose and fitting section for other hose adapters.

Features

- Precision finished anodized aluminum housing
- Shroud does not obscure visibility
- Shroud swivels on tool with stabilizer
- Positive Lock hose fitting – hoses won't pull free



1-1/4" Rivet Shaver Shroud

Model	NSN	Cutter Capacity	Rivet Shaver	Orientation	Motor RPM	Motor HP (W)	Air Inlet ID inch (mm)	Weight lbs (kg)	Price
674-A3520		1-1/4"	Not Included	-	-	-	-	-	
690-73000-01		1-1/4"	Dotco 14CNL60-95	Pistol Grip	20,000	1	1/4"	4.5 (2.0)	
690-73000-02		1-1/4"	Dotco 14CFS60-95	Pistol Grip	29,000	0.4	1/4"	-	

⚠ Never exceed the maximum operating speed of your abrasive.

★ Available on GSA Advantage website @ www.GSAadvantage.gov



Please call for other Tool & Shroud combinations that may be available.