



DESMOND®

NO. D-30PC

The only complete line of grinding wheel DRESSERS & CUTTERS

Sold Through Industrial Distributors

Made in USA

YOU CAN LOWER YOUR GRINDING COSTS & INCREASE PRODUCTION WITH DESMOND DRESSERS

Desmond Huntington Dressers (Patented)



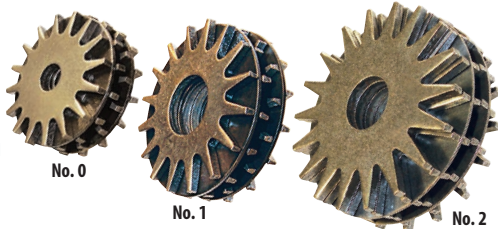
Fulfill most general dressing needs where fast dressing is the primary requirement.

(For Use On Grinding Wheels) For Medium and Coarse Wheels

| Code No. | Dresser No. | Diameter |
|----------|---------------|------------|
| 11210 | 0 Huntington* | Up to 10" |
| 11310 | 1 Huntington | 10" to 16" |
| 11510 | 2 Huntington | 16" to 36" |
| 11410 | 21 Huntington | 10" to 16" |
| 11610 | 22 Huntington | 16" to 36" |

* No. 0 also available in plain non-hooded

Desmond Huntington Cutters



| Code No. | Cutter No. | Dia. | Hole | Face | Wgt. for 10 in lbs. | Set |
|----------|-----------------------|--------|--------|--------|---------------------|-----|
| 11220 | 0 | 1-1/4" | 1/4" | .426" | 1 | |
| 11260 | 0 Paragon* | 1-1/4" | 7/16" | .426" | 1 | |
| 11250 | 0 Thin | 1-1/4" | 1/4" | .426" | 1 | |
| 11320 | 1 | 1-1/2" | 1/2" | .432" | 1-1/4 | |
| 11520 | 2** | 2-3/8" | 19/32" | .830" | 6-1/2 | |
| 11420 | 21 (double set of #1) | | | .864" | 2-1/2 | |
| 11620 | 22 (double set of #2) | | | 1.660" | 12-1/2 | |
| 13420 | 5-H | 1-5/8" | 3/8" | .660" | 2 | |
| 11720 | No. 1 Special | 1-5/8" | 1/2" | .660" | 2 | |

* These cutter sets are bushed to 1/4" hole.
** We can furnish #2 cutters with 5/8" hole as our #2-C. (11820)

Desmond Hex Dressers (Patented)

The six hole hardened steel side washers provide six sets of bearing holes and when all six become worn new side washers can easily be inserted and there is no wear on the dresser itself. (These dressers use Huntington cutters of corresponding size)



| Code No. | Dresser No. | Diameter | Face | Wgt./lbs. |
|----------|-------------|------------|--------|-----------|
| 13110 | 0 | Up to 10" | 2" | 2 |
| 13310 | 21 | 10" to 16" | 3-1/2" | 2 |
| 13410 | 5-H | 16" to 24" | 3" | 3-1/2 |
| 13510 | 2 | 16" to 36" | 4" | 5-1/2 |

Desmond Heavy-Duty Dresser (Patented)



For use on coarse, large, high speed grinding wheels. New design permits quick cutter change by operator. Full length foot rest guides dresser evenly over rough edged tool rests. Cutter unit is fully shielded.

Cutters are mounted at an angle to provide a shearing and picking action on the #58 dresser.

Both cutter units revolve on sealed, dust protected ball bearings enabling them to keep up with high speed wheels.

| Code No. | Dresser No. | (For Use On Grinding Wheels) |
|----------|-----------------|------------------------------|
| 14310 | 55 | Up to 16" |
| 14410 | 58 | 16" to 30" |
| 14419 | 58-R (Roughing) | 16" to 30" |

| Code No. | Cutters | Diameter | Face | Wgt./lbs. |
|----------|----------------------|----------|--------|----------------------|
| 14320 | 55 | 2" | 1-1/4" | 3/4 |
| 14420 | 58 | 2-3/8" | 2-1/4" | 1-1/2 |
| 14429 | 58-R Roughing Cutter | | | for very hard wheels |

Desmond Beltbrasive® Dressers (Patented)

For use on coated abrasive belts and discs for removing the load caused by grinding steel, brass, plastic or wood. When used at frequent intervals it will prevent most of the load from forming and considerably increase the life of the belt or disc.

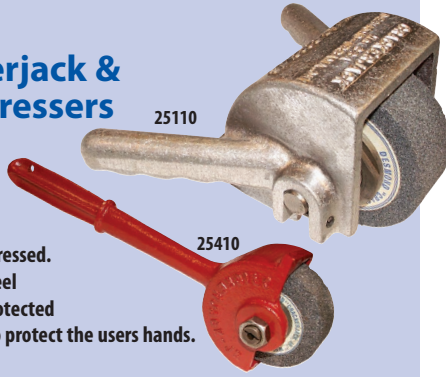


| Code No. | Dresser No. |
|----------|---|
| 24110 | BCA-1 Dresser for use on 200-300 grain |
| 24310 | BCA-1-NS Dresser non-sparking 200-300 |
| 24210 | BCA-2 Dresser for use on 60-200 grain |
| 24510 | BCA-2-NS Dresser non-sparking 60-200 grain |
| 24410 | BCA-4 Dresser for use on 0-60 grain belts or 40-80 grit wheels for blade sharpening |

| Code No. | Cutter No. |
|----------|-----------------------------------|
| 24120 | BCA-1 Cutter units each |
| 24320 | BCA-1-NS Cutter unit non-sparking |
| 24220 | BCA-2 Cutter units each |
| 24520 | BCA-2-NS Cutter unit non-sparking |
| 24420 | BCA-4 Cutter sets each |

Desmond Crackerjack & Crackerjack Jr. Dressers

The abrasive wheel produces a dressing and truing action when held at an angle of 15 degrees from the axis of the wheel being dressed. Full 4" diameter by 1-1/2" x 1-1/2" mounted on double row of dust protected ball bearings. Handles designed to protect the users hands.



| Code No. | Dresser Type | Wgt./lbs. |
|--|----------------------------------|-----------|
| 25110 | Double Handle Type, Hooded | 5-3/4 |
| 25120 | Extra Wheel 4" x 1-1/2" x 1-1/2" | 1-3/4 |
| Crackerjack Jr. Dresser in single handle type only with 3" by 1" face wheel. | | |
| 25410 | Single handle dresser | 3-1/2 |
| 25420 | Extra Wheel 3" x 1" x 3/4" | 3/4 |

Mini Crackerjack Dresser



Mini dresser for use on (4,000 max RPM) smaller fine to medium grit tool or sharpening grinding wheels. Use at 15° angle to produce crush dressing action.

| Code No. | Dresser Type |
|----------|-----------------------------|
| 25510 | Dresser |
| 25520 | Wheel 1-1/2" x 5/8" x 5/16" |



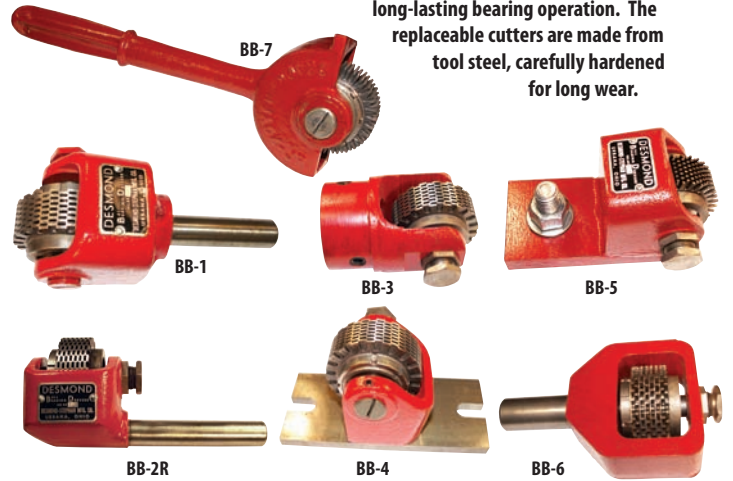
Desmond Angle Dressers

Condition and dress diamond and CBN wheels on surface grinders with this angle mounted abrasive wheel dresser. Bolt to T slot or hold with magnetic chuck. Accuracy provided by a sealed ball bearing assembly. Furnished with a medium wheel to be used on 100 grit or coarser grinder. (2 1/2" x 1/2" x 1 1/8" hole wheel)

| Code No. | Type |
|----------|----------------------------------|
| 46200 | Dresser with medium wheel |
| 46220 | Medium wheel for 100 and coarser |
| 46210 | Fine wheel for 100 and finer |

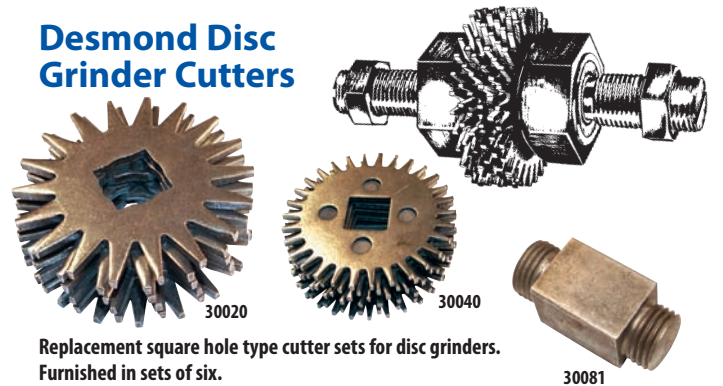
Desmond Precision Dressers

For precision dressing of grinding wheels where an extremely accurate finish is required. In many cases, the use of this dresser will eliminate the use of diamonds or only necessitate diamonds for the final dressing operation. Dust protected ball bearings provide long-lasting bearing operation. The replaceable cutters are made from tool steel, carefully hardened for long wear.



| Code No. | No. | Dresser Type | Wgt. |
|----------|------------|--------------------------------|---------|
| 17110 | BB-1 | Straight Shank 3/4" x 2-3/4" | 3-3/4 |
| 17210 | BB-2-L | Left | 3-3/4 |
| 17610 | BB-2-R | Right | 3-3/4 |
| 17310 | BB-3 | Centerless | 3-3/4 |
| 17410 | BB-4 | Surface Grinder | 4.1 lbs |
| 17510 | BB-5 | Disc (Table Type) uses BB-14-5 | 4 |
| 17710 | BB-6 | Disc (Double Disc Style) | 4 |
| 17810 | BB-7 | Hand Held Dresser | 3-1/2 |
| 17020 | BB-10 | Cutter Unit, Precision | 1 |
| 17040 | BB-10-R | Cutter Unit, Roughing | 1 |
| 17520 | BB-10-5 | Cutter Unit, Sharp Tooth | 1 |
| 17720 | BB-10/17-A | Cutter Unit, Sharp Thick Tooth | 1 |
| 17030 | BB-14 | Loose Cutter Set, Precision | 1/2 |
| 17050 | BB-14-R | Loose Cutter Set, Roughing | 1/2 |
| 17530 | BB-14-5 | Loose Cutter Set, Sharp Tooth | 1/2 |
| 17770 | BB-17-A | Loose Sharp Thick Tooth | 1/2 |

Desmond Disc Grinder Cutters



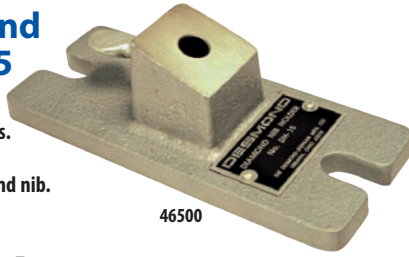
Replacement square hole type cutter sets for disc grinders. Furnished in sets of six.

| Code No. | Cutter Type | Size |
|----------|---------------------------|----------------------------|
| 30020 | Cutters, 18 tooth, coarse | 2-3/8" x 9/16" sq. |
| 30040 | Cutters, 30 tooth, fine | 2-3/8" x 9/16" sq. |
| 30081 | Shaft | 9/16" sq. x 1/2"-13 thread |
| 30082 | Berg. & Block | 1/2"-13 Thread |
| 30084 | Adj. Screw Nut | 11/16"-16 Thread |
| 30085 | Adj. Screw | 11/16"-16 Thread |

DRESSERS FOR PRECISION GRINDERS

Desmond Diamond Nib Holder DH-15

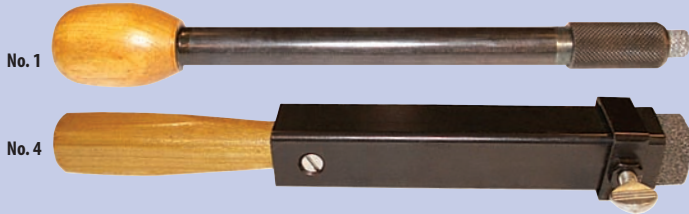
Designed for use on surface grinders.
Holds #406 nib at proper 15° angle.
Size of base 2-1/2" x 6". Less diamond nib.



46500

| Code No. | Holder Type |
|----------|-----------------------------|
| 46500 | Holder less Diamond |
| 46583 | Holder with 1/4 ct. diamond |
| 46582 | Holder with 1/3 ct. diamond |
| 46581 | Holder with 1/2 ct. diamond |

Desmond Magazine Dresser



These dressers hold abrasive sticks by means of the knurled chuck.
New sticks may easily be inserted.

| Code No. | No. | Dresser Type – Silicon Carbide |
|---|-------|--|
| 22110 | No. 1 | Magazine Dresser with 1/2" dia. round stick, 24 grit |
| 22410 | No. 4 | Magazine Dresser with 1" sq. stick, 24 grit |
| 22120 | No. 1 | Abrasive sticks, 1/2" dia. round x 6", 24 grit |
| 22420 | No. 4 | Abrasive sticks, 1" dia. square x 6", 24 grit |
| 22421 | No. 4 | Abrasive sticks, 1" dia. square x 6", 150 grit |
| FOR USE ON DIAMOND AND CBN WHEELS – Aluminum Oxide | | |
| 22422 | No. 4 | Abrasive Alum, Oxide, 1" sq. x 6", 150 grit |
| 22423 | No. 4 | Abrasive Alum, Oxide, 1" sq. x 6", 220 grit |

Boron Carbide Dresser Sticks

Boron Carbide is extremely hard and long lasting.
For medium to fine grit vitrified wheel dressing.

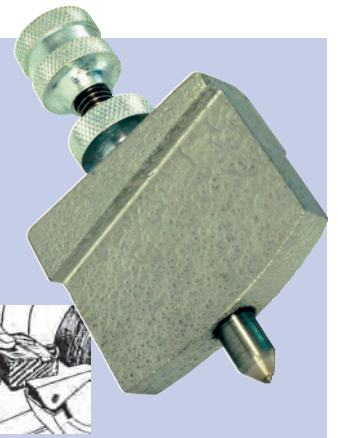


Handle with safety guard and tool rest and guide for safely holding Boron Carbide Sticks or 1/2" sq. sticks.

| Code No. | Size |
|----------|---|
| 22314 | Holder straight with Boron Stick |
| 22318 | Holder only straight, less stick |
| 22320 | Silicon Carbide 1/2" sq. stick, 24 grit |
| 22321 | Silicon Carbide 1/2" sq. stick, 150 grit |
| 22322 | White Alum. 1/2" sq. stick, 150 grit (for Diamond and CBN wheels) |
| 22344 | Holder 45° angle with removable handle for angle or straight with Boron Stick |
| 22348 | Holder only 45° angle, less stick |
| 46300 | Boron 1/4" x 1/2" x 3" stick only |

Desmond Glide™ Dresser

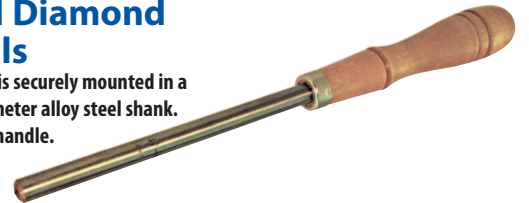
For bench grinders without a permanent fixture. Adjustable 1/2 carat diamond nib glides across the tool rest. Two angles provide fit on most grinders.



| Code No. | Type |
|----------|---------------------|
| 46100 | Glide Dresser |
| 46101 | Replacement Diamond |

Desmond Diamond Hand Tools

A quality diamond is securely mounted in a 6" long x 7/16" diameter alloy steel shank.
6" long "easy-grip" handle.



| Tool No. | Approx. Ct. | Tool No. | Approx. Ct. |
|----------|-------------|----------|-------------|
| No. 74A | 1/4 | No. 73B | 3/4 |
| No. 74B | 1/3 | No. 72A | 1 |
| No. 73A | 1/2 | No. 72B | 1-1/4 |

Desmond Diamond Nib holder

Holder securely holds any 7/16" diameter diamond nib. Hollow steel tube with an adjustable collet holds single or grit diamond nibs. Precision machine nibs can be further recycled and used.



| Code No. | Holder Type |
|----------|-------------------------|
| 22510 | Diamond Nib Holder Only |

Dressing

"Dressing" a grinding wheel removes particles of the material being ground from the surface and pores of the wheel as well as the top layer of dulled grain and exposes sharp new grain thus improving the cutting action of the wheel.

Truing

"Truing" consists of restoring the original shape of the wheel or creating a new shape or form. The importance of this operation is evidenced in that the work being ground cannot be more accurate than the wheel that is doing the grinding.

DRESSERS FOR PORTABLE GRINDERS

Desmond Mounted Point Dresser (Patented)

MOUNTED POINTS can be restored to their original shape or changed in seconds while removing the grinding load with the MP Dresser.



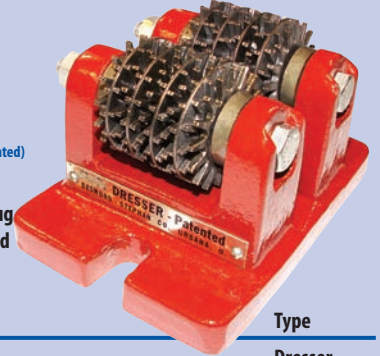
| Code No. | Type |
|-------------|------------|
| 18110 | MP Dresser |
| 18120 | Cutter Set |

Desmond Duplex Dressers

Cradle the portable grinding wheel between two sets of cutters. The wheel is dressed and trued in a few seconds. For ease of use mount near grinding area.

Desmond Short Duplex Dresser (Patented)

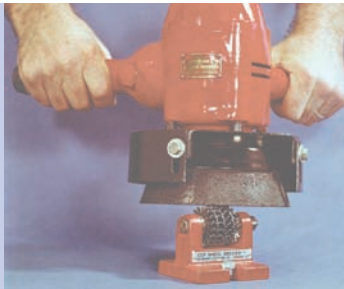
Dress 1" to 4" grinding wheels and plug wheels in seconds. Restores shape and free cutting action.



| Code No. | Type |
|-------------|-----------------|
| 19310 | Dresser |
| 19120 | Cutter sets (2) |

Desmond Cup Wheel Dresser (Patented)

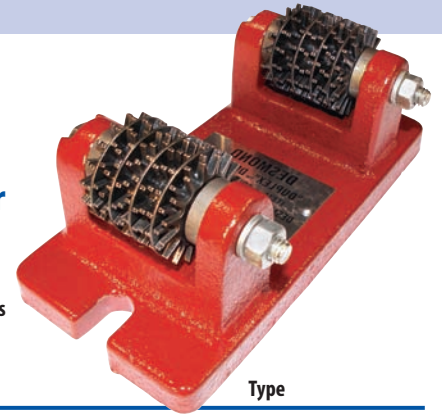
Cup wheels can be squared to an original straight face while restoring cutting action. For ease of use mount near grinding area.



| Code No. | Type |
|-------------|------------------|
| 18210 | Dresser |
| 18220 | Cutters, regular |

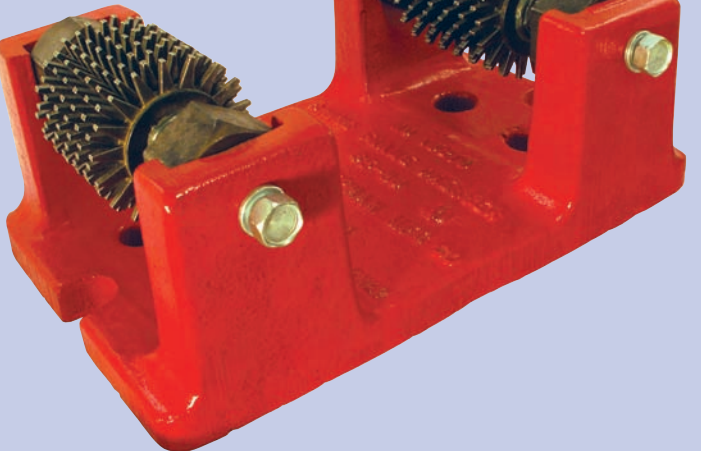
Desmond Duplex Dresser (Patented)

Dress 4" to 8" grinding wheels restoring wheel face squareness while dressing away dull grit.




| Code No. | Type |
|-------------|-----------------|
| 19110 | Duplex Dresser |
| 19120 | Cutter sets (2) |

Desmond Swing Frame Dresser (Patented)

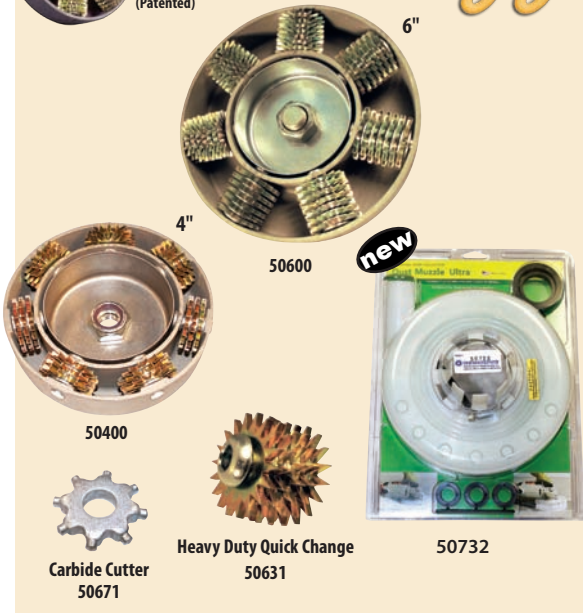


Dress large wheels up to 36" with this floor mounted dresser. Cutter units No. 65-HD revolve using sealed ball bearing blocks. Has 2" width cutter face.

| Code No. | Type |
|-------------|---------------------|
| 19210 | Swing Frame Dresser |
| 19220 | Cutter sets (2) |



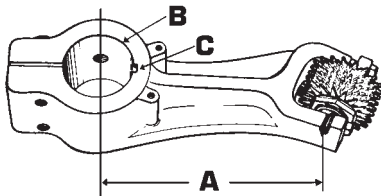
| Code No. | Type |
|-------------|---------------------|
| 18310 | Heavy Duty Dresser |
| 18320 | Cutters, heavy duty |



Tool removes paint, rust, and scale from any hard surface. Attaches to most sanders, grinders and polishers. Stainless steel one piece aircraft quality housing. Grinder not included. Fits 5/8" - 11 shaft. Drive adaptor for 3/8" or 1/2" drill chuck available. Units furnished with sharp tooth tool steel cutters as standard, stag tooth available. 6,000 Max RPM.

| Code No. | Type |
|----------|---|
| 50400 | Swirl-off 4" tool with 21 cutters |
| 50411 | Cutter set for 4" tool with 21 cutters only |
| 50432 | NEW Dust Muzzle™ fits most 4" angle grinders |
| 50600 | Swirl-off 6" tool with 49 cutters, std. |
| 50611 | Cutter set for 6" tool 49 cutters only, 5/16" hole, std. size |
| 50630 | Swirl-off 6" tool heavy duty, quick change |
| 50631 | Cutter set for 6" tool, heavy duty quick change (fits in std. unit) cutters 1/2" hole with spacers and bushings |
| 50670 | 6" Unit with 8 Pointed Tungsten Carbide Tipped Cutters for concrete |
| 50671 | Tungsten Carbide Tipped 8 Tooth Cutter Set (14) for concrete |
| 50770 | Complete vented housing unit for use with dust shield |
| | with carbide cutters |
| 50732 | NEW Dust Muzzle™ for vented units |
| | (fits most 7" angle grinder with round collars) |
| 50735 | Adapter black flex hose 1" to 1 1/2" x 4 1/2" ft |

Blanchard Grinders



Modernize your Blanchard Grinders with Desmond ball bearing equipped dressers. Secure faster, more accurate dressing with longer cutter life. Dresser arms of durable semi-steel replace original equipment with no alterations required. Replaceable hardened tool steel cutters are staggered for the maximum in wheel dressing. Cutter units revolve on dust-protected ball bearings for accuracy and long life.

We can furnish cutters for other dresser arms you may currently be using. Advise cutter size and number of pieces per set. For quote on special arms send in old one for sample.

DIMENSIONS

| Code No. | Grinder Number | A Length | B Hole | C Keyway | Uses Cutter Unit No. |
|----------|----------------|----------|--------|----------|----------------------|
| 26110 | 18 | 7-1/2 | 1-1/4 | 3/16 | 26120 |
| | 22-42 | | | | |
| 26210 | 18 | 7-1/2 | 1-1/4 | 3/16 | 26220 |
| 26310 | 11 | 5-1/2 | 7/8 | 3/16 | 26220 |
| 26410 | 18 | 9-3/8 | 1-1/4 | 3/16 | 26220 |
| 26510 | 27-48 | 7-3/8 | 2-1/4 | None | 26120 |
| | 32-60 | | | | |
| | 42-84 | | | | |
| | 48-96 | | | | |
| 26610 | 27 | 9-3/8 | 1-1/2 | 1/4 | 26120 |
| 26710 | 54-100 | 12 | 2-1/4 | None | 26120 |
| | 60-120 | | | | |
| 27210* | 18 | 7-1/2 | 1-1/4 | 3/16 | 27220 |
| 27910* | 26HD-48 | 7 | 1-1/4 | 3/16 | 27220 |

* Coarse finish non ball bearing model cutters 1-1/2" dia.



Desmond Dresser Arm Parts

26220 UNIT

| Code No | Type |
|---------|----------------------|
| 26220 | Cutter Unit Complete |
| 26240 | Steel Cutter Set (5) |
| 26281 | Bushing |
| 26182 | Lock Nut |
| 26183 | Lock Washer |
| 26185 | Bushing Lock Ring |
| 26286 | Shaft |
| 26187 | Bearings (pr.) |
| 26288 | Spacer |
| 26189 | Shaft Lock Ring |

26120 UNIT

| Code No. | Type |
|----------|-----------------------|
| 26120 | Cutter Unit Complete |
| 26140 | Steel Cutter Set (11) |
| 26181 | Bushing |
| 26182 | Bushing Lock Nut |
| 26183 | Lock Washer |
| 26185 | Bushing Lock Ring |
| 26186 | Shaft |
| 26187 | Bearing (pr.) |
| 26188 | Spacer |
| 26189 | Shaft Lock Ring |



Desmond Diamond Nibs

Desmond has supplied the finest quality industrial diamond nibs for over 100 years. In addition to the standard size listed, we can furnish any size diamond in any size nib or tool that you may require. We guarantee satisfactory workmanship.

Desmond Diamond Nibs



How to Order

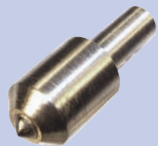
The straight shank nibs listed at the bottom are obtainable with any size of diamond in the range shown below. To order the nib you require, write the nib number and the diamond number. For example, if you need a nib with a 5/16" diameter shank, 1-1/16" long to be used on a 6" diameter wheel, order number 201-D20. (201 designates the correct nib; D20 specifies the diamond size.)

| Diamond No. | Approx. Carat | For Use on Wheels Diameter | Face |
|-------------|---------------|----------------------------|--------|
| D15 | .20 | 6" | 1/2" |
| D20 | .25 | 6" | 1" |
| D25 | .35 | 8" | 3/4" |
| D30 | .50 | 10" | 1" |
| D35 | .75 | 12" | 1-1/2" |
| D40 | 1.00 | 14" | 1-1/2" |
| D45 | 1.25 | 16" | 2" |
| D50 | 1.50 | 18" | 2" |
| D55 | 1.75 | 20" | 2" |
| D60 | 2.00 | 20" | 4"* |
| D65 | 2.50 | 24" | 4"* |
| D70 | 3.00 | 24" | 4"* |

Straight Shank Diamond Nibs

| Shank Nib No. | Dia. in. | Length in. | Shank Nib No. | Dia. in. | Length in. |
|---------------|----------|------------|---------------|----------|------------|
| 102 | 1/4" | 1 | 401 | | 1 |
| 103 | 1-1/4 | | 403 | | 1-1/8 |
| 104 | 1-1/2 | | 404 | 7/16" | 1-3/8 |
| 105 | 6 | | 405 | | 1-5/8 |
| 201 | 1-1/16 | | 406 | | 2 |
| 202 | 5/16" | 1-1/4 | 407 | | 4-7/8 |
| 203 | 2 | | 408 | | 6 |
| 301 | 13/16 | | 500 | | 1-1/8 |
| 302 | 1 | | 501 | | 1-1/2 |
| 303 | 1-1/2 | | 502 | 1/2" | 2-1/4 |
| 304 | 3/8" | 1-3/4 | 503 | | 4 |
| 305 | 2 | | 504 | | 4-1/2 |
| 306 | 2-1/4 | | 505 | | 6 |
| 307 | 3 | | | | |
| 308 | 4 | | | | |

Other sizes available at no extra cost, state dimensions.



Landis Nib

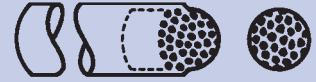


Large Landis Nib

| Landis Nib No. | Large Landis Nib No. | Approx. carat |
|----------------|----------------------|---------------|
| 1 | 1L | .25 |
| 3 | 3L | .50 |
| 5 | 5L | .75 |
| 7 | 7L | 1.00 |
| 9 | 9L | 1.25 |
| 11 | 11L | 1.50 |

Larger carat sizes also available

Desmond Diamond Impregnated Nibs



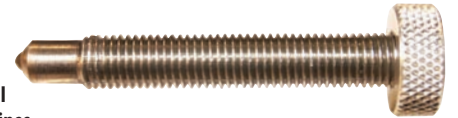
These diamond impregnated tools and nibs consist of many small diamonds held firmly in a matrix of tungsten carbide. They require no remounting, and can be inserted in any size holder required.

| Tip No. | Diamond Impregnated Portion | Approx. Carat |
|---------|-----------------------------|---------------|
| DI-1 | 1/4" dia. x 1/2" length | 1.50 |
| DI-2 | 5/16" dia. x 1/2" length | 2.75 |
| DI-3 | 3/8" dia. x 9/16" length | 3.75 |

How To Order

Combine the nib number with the tip size desired—such as 405-DI-2. The figure 405 denotes the diameter and length of nib, the figure DI-2 denotes the size of impregnated tip. Available in hand tool at no extra cost.

Desmond Diamond Valve Dresser



Desmond Diamond Dressers are furnished for practically all makes of valve grinding machines.

Nibs with unthreaded shanks for valve grinders are listed under straight shank nibs on the left. (Other sizes available)

| Make Of Grinder and manufacturer's part no. | Length overall | Dia. | Thds. per in. | Tool No. |
|---|----------------|-------|---------------|----------|
| Black & Decker-20157 | 2-1/2" | 3/8" | 24 | V-1 |
| Hall Mfg. Co. | 2-3/8" | 5/16" | 24 | V-2 |
| K.O. Lee Co.-A-269D | 2-3/8" | 5/16" | 18 | V-3 |
| Kwik-Way (Cedar Rapids) | 3-3/4" | 1/2" | 20 | V-4 |
| Black & Decker or Van Dorn | 1-3/4" | 3/8" | 24 | V-5 |
| Sioux (Albert'n)-1715 | 2-3/4" | 3/8" | 24 | V-5L |
| U.S. Elec. Tool | 1-7/8" | 5/16" | 24 | V-6 |
| Sioux (Albert'n)-657-361 | 3-1/4" | 3/8" | 24 | V-7 |
| Sioux (Albert'n)-1715-A | | | | |



Phono Point (1/8" x 1")



Ex-Cello (3/8" x 1-5/8")

Reg. Heavy Duty

60°
75°
90°



J&L (1/4" X 1")

Specials

We will quote on special diamonds to your requirements.

DRESSERS FOR PRECISION GRINDERS

Radius & Special Diamond Cones



Conical-pointed sharp diamond used in many radius dressers. State Shank Size Available with 60°, 75°, and 90° included angle.

60° 75° 90°

- 1/4 ct. Cone
- 1/3 ct. Cone
- 1/2 ct. Cone
- 3/4 ct. Cone

Chisels



Chisel-edge is ground to a sharp flat edge with 60°, 75°, or 90° included angle. For radius and step dressing. State Shank Size

60° 75° 90°

- 1/4 ct. Chisel
- 1/3 ct. Chisel
- 1/2 ct. Chisel
- 3/4 ct. Chisel

Female Radius Tools



To form concave radii on small wheels.

3/8" x 3"

| Tool No. | Radius | Tool No. | Radius |
|----------|--------|----------|--------|
| FR-10 | .010 | FR-30 | .032 |
| FR-15 | .015 | FR-60 | .062 |
| FR-20 | .020 | FR-125 | .125 |
| FR-25 | .025 | FR-250 | .250 |

Male Radius Tools



Forms convex radii from .015" to .500" on wheel corner. The sharp octahedron diamond is precision centered.

3/8" x 3"

| Tool No. | Radius to be dressed |
|----------|----------------------|
| MR-1 | .015 to .125 |
| MR-2 | .125 to .250 |
| MR-3 | .250 to .500 |
| MR-4 | .500 up |

Half Circle Radius Tools



Dresses concave radii of .047" to .125" in the wheel center. The size of these tough diamonds determine radius.

3/8" x 3"

| Tool No. | Radius to be dressed |
|----------|----------------------|
| HC-1 | 3/64 |
| HC-2 | 1/16 |
| HC-3 | 3/32 |
| HC-4 | 1/8 |

180° Ball Plunge Tools



Ball-shaped diamond plunge dresses a 180° concave radius

3/8" x 3"

| Tool No. | Radius to be dressed |
|----------|----------------------|
| PB-10 | .010 |
| PB-15 | .015 |
| PB-20 | .020 |
| PB-25 | .025 |
| PB-30 | .032 |

Desmond Diamond Cluster Nibs

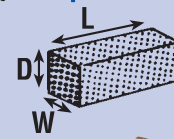
Desmond Diamond Cluster Nibs are made from whole diamonds which are stronger than crushed grit. The diamonds are evenly distributed throughout the tough mounting matrix for uniform performance. Unlike single nibs our clusters do not need to be reset or turned.

Nib Application

| Cluster Nib | For Use On |
|--------------|-----------------|
| Diamond Size | Grinding Wheels |
| Coarse | 54-100 Grit |
| Medium | 120-200 Grit |
| Fine | 200-400 Grit |

Mount diamond nib so the face is in full contact during wheel dressing. Order tool with diamond section on an angle for holders with a 15° drag angle.

ALL SHANKS 7/16" x 1"



| | W | L | D |
|----|---------|--------|-------|
| 1A | 1/4" x | 3/4" x | 5/16" |
| 2A | 1/4" x | 1/2" x | 3/8" |
| 3A | 5/32" x | 3/8" x | 1/4" |

A

- #1A-6A Coarse
- #1A-8A Medium
- #1A-12A Fine



- #1A-6C Coarse
- #1A-8C Medium
- #1A-12C Fine

15° angle

- #2A-6D Coarse
- #2A-8D Medium
- #2A-12D Fine

- #3A-6F Coarse
- #3A-8F Medium
- #3A-12F Fine

- #2A-6E Coarse
- #2A-8E Medium
- #2A-12E Fine

- #3A-6G Coarse
- #3A-8G Medium
- #3A-12G Fine

B

- #1B-6D Coarse
- #1B-8D Medium
- #1B-12D Fine



| | W | L | D |
|----|--------|--------|------|
| 1B | 1/4" x | 1/2" x | 3/8" |
| 2B | 1/4" x | 3/4" x | 3/8" |

- #2B-6A Coarse
- #2B-8A Medium
- #2B-12A Fine

- #2B-6C Coarse
- #2B-8C Medium
- #2B-12C Fine

15° angle

R

- 1R 1/4 x 1/4"
- 2R 3/8 x 3/8"
- 3R 1/8 x 1/8"

- #1R-6J Coarse
- #1R-8J Medium
- #1R-12J Fine



- #2R-6K Coarse
- #2R-8K Medium
- #2R-12K Fine

- #3R-6K Coarse
- #3R-8K Medium
- #3R-12K Fine

| | W | L | D |
|----|---------|--------|-------|
| 1E | 5/32" x | 3/8" x | 5/16" |

E

- #1E-6F Coarse
- #1E-8F Medium
- #1E-12F Fine



Single Layer Clusters



7/16 x 2" shank



- #D3-C
- 3 each diamonds



- #D6-C
- 6 each diamonds



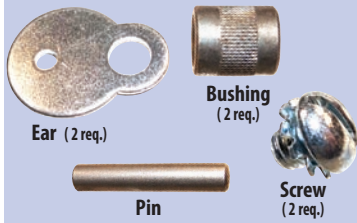
- #D7-C
- 7 each diamonds



7/16 x 1-5/8" overall

Repair Parts for Huntington & Hex Dressers

Huntington Parts No. 0

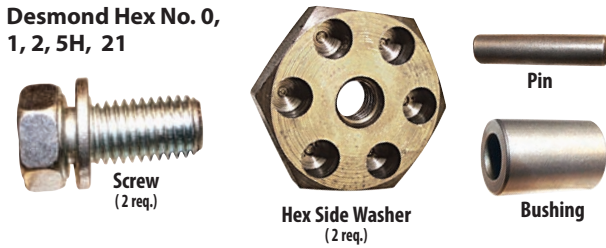


Huntington Parts No. 1, 2, 21, 22



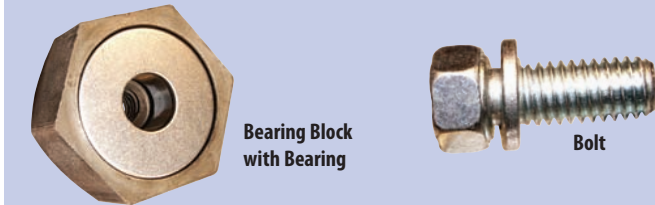
| Huntington | Pins Code No. | Bushings Code No. | 2 needed Side Washers Code No. | Screws Code No. |
|------------|------------------|----------------------|--------------------------------------|--------------------|
| No. 0 | 11281 | 11282 | 11284 Ear | 11285 |
| No. 1 | 11381 | 11383 | 11582 | 11585 |
| No. 21 | 11481 | 11483 | 11582 | 11585 |
| No. 2 | 11581 | 11583 | 11582 | 11585 |
| No. 22 | 11681 | 11683 | 11682 | 11585 |

Desmond Hex No. 0, 1, 2, 5H, 21



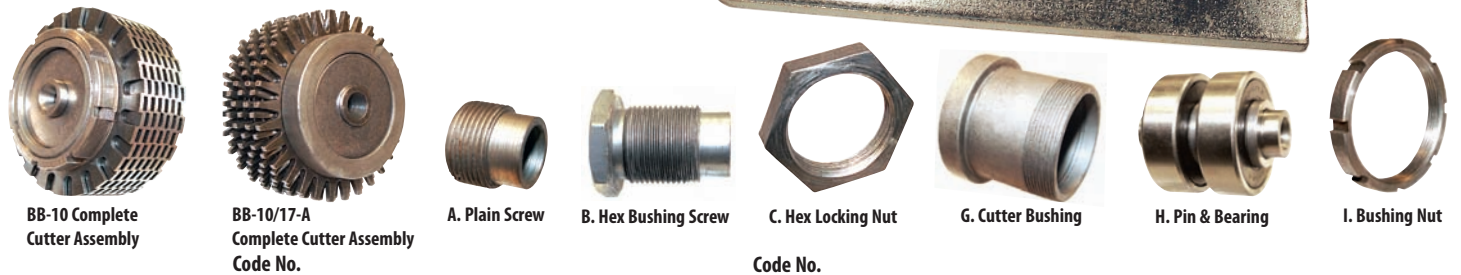
| Desmond Hex | Pins Code No. | Bushings Code No. | 2 needed Side Washers Code No. | Screws Code No. |
|----------------|------------------|----------------------|--------------------------------------|--------------------|
| No. 0 | 13181 | | 13182 | 13385 |
| No. 1 | 13281 | 11383 | 13382 | 13285 |
| No. 2 | 13581 | 11583 | 13582 | 13585 |
| No. 5H | 13481 | | 13482 | 13485 |
| No. 21 | 13581 | 11483 | 13382 | 13385 |

Desmond Heavy-Duty Dresser Parts



| | Code No. | No. 55 PARTS | Code No. | No. 58 PARTS |
|------------------------------------|----------|-----------------|----------|-----------------|
| Block with Bearing (2 required) | 14388 | | 14488 | |
| Bolt (2 required) | 14387 | | 14487 | |

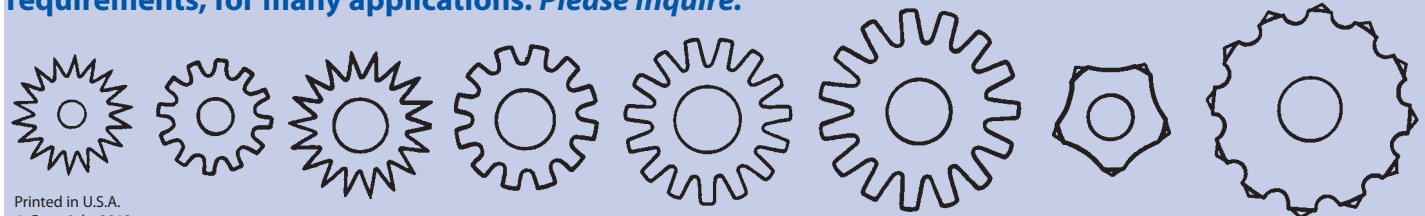
Desmond Precision Dresser Repair Parts



17081 Part A—Plain Screw
 17082 Part B—Hex Bushing Screw
 17083 Part C—Hex Locking Nut
 17084 Part D—BB Wrenches
 17085 Part F—Bearing Dust Washer

Code No.
 17086 Part G—Cutter Bushing
 17087 Part H—Bearings and Pin
 17088 Part I—Bushing Nut
 17089 Part S—Bushing Spanner Wrench
 17020 BB-10—Cutter Assembly
 17030 BB-14—Loose Cutter Set

We have available a full line of quality high carbon tool steel cutters to your requirements, for many applications. *Please Inquire.*



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