

# Super-Flex Electric Hand Grinder | Heavy-Duty Foot Speed Controller

## Super-Flex Electric Hand Grinder

The Super-Flex gives you a full ¼ hp 22,000 rpm hand-grinding tool for continuous, full-shift duty. With the Super-Flex you put the power in your hand and the power plant on the bench. Ideal for use with carbide cutters and mounted points. It has a cool-running aluminum handpiece with grease-sealed bearings. It weighs only 14 ounces but can accommodate ¼ and ⅜ shank diameters. Lock pin and wrenches allow quick tool change.

The 36" flexible shaft is moisture-, oil- and grease-resistant made of heavy-duty spun wire with bronze liner. Motor has swivel plate for bench or wall mounting. Item No. 2-248 Foot Speed Controller is available for variable speed control (see below).

ITEM NO. 6-411 – Super-Flex Hand Grinder consists of 115V, AC or DC motor with base, flexible shaft, handpiece, 2 collets (⅜ and ¼) and 2 wrenches.

**ITEM NUMBER**

6-411

**SPECIFICATIONS**

Type Motor ..... Universal  
 Rated hp ..... ¼  
 No-Load Speed ..... 22,000 rpm  
 Type Bearings ..... Ball



**RECOMMENDED FOR HEAVY-DUTY CAVITY WORK AND PRODUCTION BENCH WORK WHERE FINGERTIP CONTROL IS A MUST.**

**NOTE:** Electric Hand Grinders 10-311 & 10-321 available by special order. Please call Customer Service for price and availability.

## Heavy-Duty Foot Speed Controller

Heavy duty, solid state, infinitely variable speed control, with a low profile housing to protect against accidental actuation. Motor speed is increased as pedal is depressed, stops when pedal is released.

Supplied with a 6-foot No. 18/3 cord. Unit operates on 125 VAC, 6 amps, 60 Hertz.

Can be used with Super-Flex Hand Grinder (above).

**ITEM NUMBER**

2-248



# Air Grinder and Filter Lubricator | Tungsten Carbide Rotary Cutters

## Air Grinder and Filter Lubricator

The compact D-M-E Air Grinder has a rated capacity of 1/4" diameter mounted points with its 1/8" collet. An easily operated speed adjusting throttle in the handpiece precisely controls the ball bearing motor to provide spindle speeds up to 60,000 rpm. The overhose exhaust, an integral part of the air supply line, muffles excessive noise and redirects the exhaust air away from the operator and work area. For added operator comfort, the metal handpiece is insulated by a plastic sleeve.

The D-M-E Air Grinder Kit, packaged in a sturdy tool box, includes handpiece with 1/8" collet and nose guard, 5-foot air supply line with 2-foot overhose exhaust, and two wrenches. A metric version of the D-M-E Air Grinder Kit is also available with a 3mm collet.

The recommended filter lubricator for air filtration and automatic lubrication is available separately.

### AIR GRINDER KITS

(Motor = 0.1 hp)

| ITEM NUMBER |
|-------------|
| AGK-61      |
| AGK-61M*    |

Air Consumption = 0.7 cfm  
\*has 3mm collet

### FILTER LUBRICATOR

IN/OUT PORTS ARE 1/4 N.P.T.

| ITEM NUMBER |
|-------------|
| FL-60       |



## Tungsten Carbide Rotary Cutters

1/8, 1/4 AND 3/8 DIAMETERS



ROTARY CUTTERS ALSO AVAILABLE IN 10-PIECE SETS (ONE OF EACH SHAPE IN HANDY CONTAINER AS SHOWN)

| DESCRIPTION   | 1/8" SOLID CARBIDE | 1/4" CARBIDE HEADS ON 1/8" STEEL SHANKS | 3/8" CARBIDE HEADS ON 1/4" STEEL SHANKS |
|---------------|--------------------|---|---|
|               | ITEM NUMBER        | ITEM NUMBER                             | ITEM NUMBER                             |
| CYLINDRICAL   | CYL-1              | CYL-2                                   | CYL-3                                   |
| CONE          | CON-1              | CON-2                                   | CON-3                                   |
| OVAL          | OVL-1              | OVL-2                                   | OVL-3                                   |
| INVERTED CONE | INC-1              | INC-2                                   | INC-3                                   |
| BALL          | BAL-1              | BAL-2                                   | BAL-3                                   |
| CYL. BALL END | CBE-1              | CBE-2                                   | CBE-3                                   |
| TREE SHAPE    | TRS-1              | TRS-2                                   | TRS-3                                   |
| POINTED OVAL  | POV-1              | POV-2                                   | POV-3                                   |
| 60° CENTER    | 60C-1              | 60C-2                                   | 60C-3                                   |
| 90° CENTER    | 90C-1              | 90C-2                                   | 90C-3                                   |

### CARBIDE CUTTER SETS (10 Cutters)

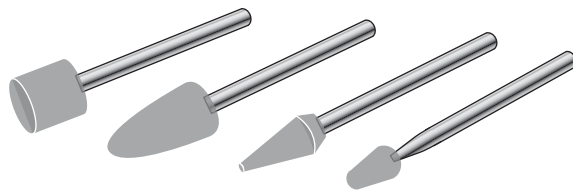
| ITEM NUMBER    | CUTTER HEAD DIA. |
|----------------|------------------|
| 18-CARBIDE SET | 1/8"             |
| 14-CARBIDE SET | 1/4"             |
| 38-CARBIDE SET | 3/8"             |

### QUANTITY DISCOUNTS:

Discounts apply to current Net Prices. Discounts apply only to quantities of the same item number.

3 to 9 carbide cutters . . . . . Less 15%  
10 or more . . . . . Less 25%

# Mounted Points



## ALUMINUM OXIDE ABRASIVE VITRIFIED BOND

D-M-E Mounted Points are carefully molded from the finest Aluminum Oxide Abrasive and with the exact amounts of Vitrified Bond to give the optimum holding qualities for the size of the point. They are precision formed to size and shape AFTER mounting to ensure concentricity between

the point and the shank. This eliminates the vibration that causes excessive wear and damage to both the tools and the work surface. This also reduces the danger of shattering points. Five mounted points of same shape conveniently pre-packaged. See below for quantity discounts.

### GROUP "B" SHAPES (1/8 SHANK)

| ITEM NUMBER (PACK OF 5) | SIZE |           |      | ITEM NUMBER (PACK OF 5) | SIZE |           |      | ITEM NUMBER (PACK OF 5) | SIZE |           |      |
|-------------------------|------|-----------|------|-------------------------|------|-----------|------|-------------------------|------|-----------|------|
|                         | DIA. | THICKNESS | GRIT |                         | DIA. | THICKNESS | GRIT |                         | DIA. | THICKNESS | GRIT |
| B-41                    | 5/8  | 5/8       | 60   | B-72                    | 1/2  | 1/8       | 120  | B-105                   | 1/4  | 1/4       | 90   |
| B-44                    | 7/32 | 3/8       | 90   | B-73                    | 1/2  | 1/8       | 120  | B-121                   | 1/2  | 1/2       | 60   |
| B-45                    | 3/16 | 5/16      | 90   | B-74                    | 7/32 | 3/32      | 60   | B-122                   | 3/8  | 3/8       | 60   |
| B-46                    | 1/8  | 5/16      | 90   | B-81                    | 3/4  | 3/16      | 90   | B-123                   | 3/16 | 3/16      | 90   |
| B-47                    | 1/8  | 5/32      | 60   | B-82                    | 1/2  | 1/4       | 90   | B-124                   | 1/8  | 1/8       | 90   |
| B-51                    | 7/16 | 3/4       | 60   | B-91                    | 1/2  | 5/8       | 90   | B-131                   | 1/2  | 1/2       | 60   |
| B-52                    | 3/8  | 3/4       | 60   | B-95                    | 1/8  | 3/16      | 90   | B-132                   | 3/8  | 1/2       | 60   |
| B-53                    | 1/4  | 5/8       | 90   | B-96                    | 1/8  | 1/4       | 90   | B-133                   | 3/8  | 3/8       | 60   |
| B-55                    | 1/8  | 1/4       | 90   | B-97                    | 1/8  | 3/8       | 90   | B-134                   | 5/16 | 3/8       | 60   |
| B-61                    | 3/4  | 5/16      | 60   | B-98                    | 3/32 | 1/4       | 90   | B-135                   | 1/4  | 1/2       | 60   |
| B-64                    | 1/4  | 1/16      | 60   | B-101                   | 5/8  | 1 1/16    | 60   | B-136                   | 1/4  | 5/16      | 90   |
| B-65                    | 1/8  | 1/8       | 60   | B-103                   | 5/8  | 3/16      | 90   | -                       | -    | -         | -    |
| B-71                    | 5/8  | 1/8       | 90   | B-104                   | 5/16 | 3/8       | 90   | -                       | -    | -         | -    |

### GROUP "W" SHAPES (1/8 SHANK)

| ITEM NUMBER (PACK OF 5) | SIZE   |             |      | ITEM NUMBER (PACK OF 5) | SIZE   |             |      | ITEM NUMBER (PACK OF 5) | SIZE   |             |      |
|-------------------------|--------|-------------|------|-------------------------|--------|-------------|------|-------------------------|--------|-------------|------|
|                         | D DIA. | T THICKNESS | GRIT |                         | D DIA. | T THICKNESS | GRIT |                         | D DIA. | T THICKNESS | GRIT |
| W-142                   | 3/32   | 1/4         | 90   | W-160                   | 1/4    | 1/4         | 60   | W-176                   | 3/8    | 1/2         | 60   |
| W-143                   | 1/8    | 1/8         | 90   | W-161                   | 1/4    | 5/16        | 60   | W-182                   | 1/2    | 1/8         | 90   |
| W-144                   | 1/8    | 1/4         | 90   | W-162                   | 1/4    | 3/8         | 60   | W-185                   | 1/2    | 1/2         | 60   |
| W-145                   | 1/8    | 3/8         | 90   | W-163                   | 1/4    | 1/2         | 60   | W-200                   | 3/4    | 1/8         | 60   |
| W-146                   | 1/8    | 1/2         | 90   | W-170                   | 5/16   | 1/2         | 60   | W-215                   | 1"     | 1/8         | 60   |
| W-152                   | 3/16   | 1/4         | 90   | W-173                   | 3/8    | 1/8         | 60   | W-216                   | 1"     | 1/4         | 60   |
| W-153                   | 3/16   | 3/8         | 90   | W-175                   | 3/8    | 3/8         | 60   | -                       | -      | -           | -    |

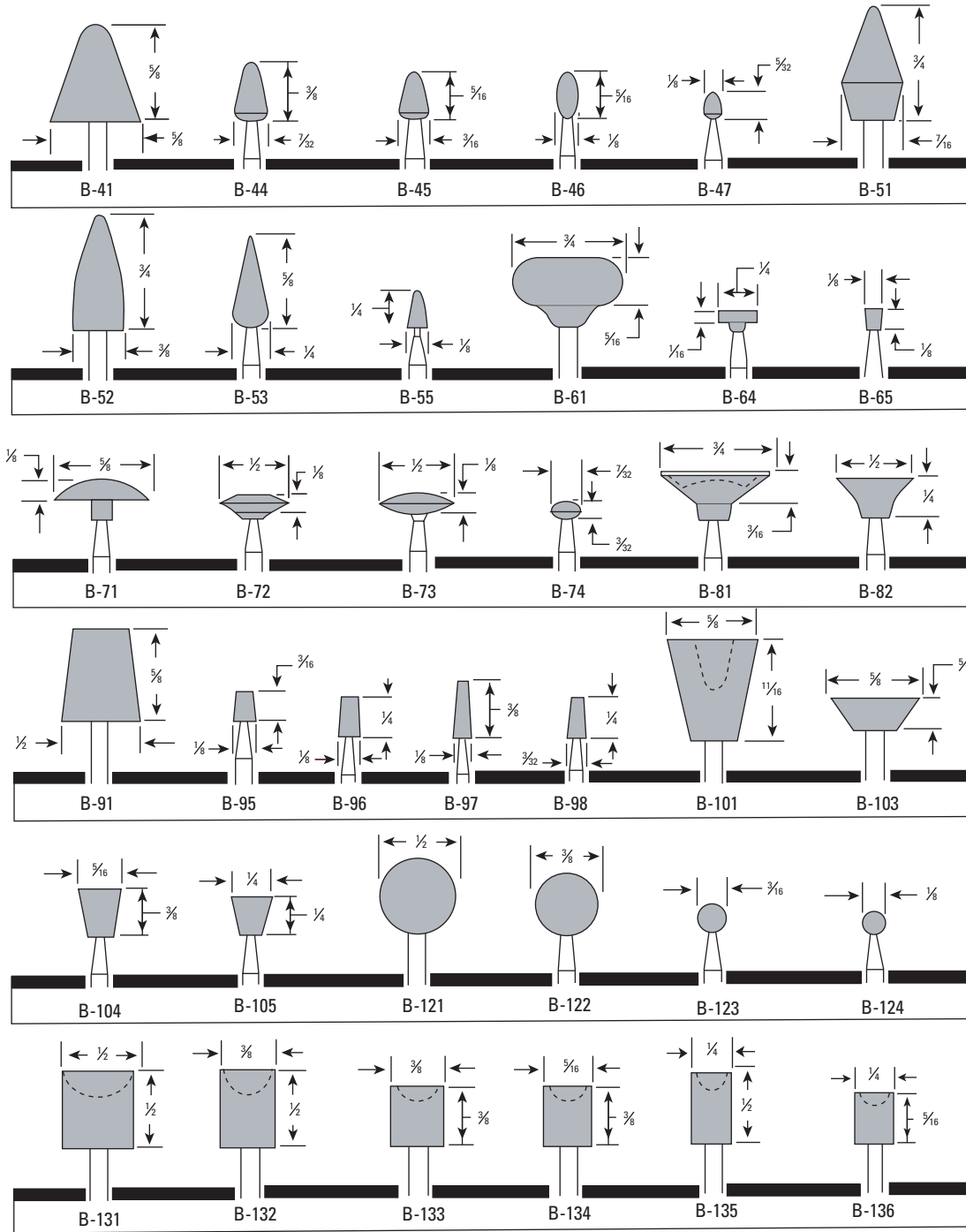
#### QUANTITY DISCOUNTS:

Discounts apply to current Net Prices. Shapes and sizes may be mixed.

- 5 to 9 packs ..... Less 10%
- 10 to 25 packs ..... Less 20%
- 26 or more packs ..... Less 30%

# Mounted Points

## GROUP "B" SHAPES



← D →

## GROUP "W" SHAPES

