

## MANDREL DRIVES

### FEATURES:

- Use: Mandrel drives serve the purpose of adapting tube expander mandrels to existing air or electric drills. Loosening the knurled nut, releases the square insert type of socket for the introduction of another size of insert to couple to other size of mandrel square.

#### TAPER SHANK - INTERCHANGEABLE FEMALE SQUARE

| MORSE TAPER NO. | SQUARE SIZE                | MODEL NO.                                       | SQUARE SIZE                | MODEL NO.                                   |
|-----------------|----------------------------|---|----------------------------|---|
| 2               | 3/8"<br>1/2"               | BMD/2/95<br>BMD/2/127                           | 3/8"<br>1/2"               | BMDS/95<br>BMDS/127                         |
| 3               | 3/8"<br>1/2"               | BMD/3/95<br>BMD/3/127                           | 3/8"<br>1/2"               | BMDS/95<br>BMDS/127                         |
| 3               | 3/8"<br>1/2"<br>3/4"<br>1" | BMM/3/95<br>BMM/3/127<br>BMM/3/190<br>BMM/3/254 | 3/8"<br>1/2"<br>3/4"<br>1" | BMDT/95<br>BMDT/127<br>BMDT/190<br>BMDT/254 |
| 4               | 3/8"<br>1/2"<br>3/4"<br>1" | BMM/4/95<br>BMM/4/127<br>BMM/4/190<br>BMM/4/254 | 3/8"<br>1/2"<br>3/4"<br>1" | BMDT/95<br>BMDT/127<br>BMDT/190<br>BMDT/254 |
| 5               | 3/8"<br>1/2"<br>3/4"<br>1" | BMM/5/95<br>BMM/5/127<br>BMM/5/190<br>BMM/5/254 | 3/8"<br>1/2"<br>3/4"<br>1" | BMDT/95<br>BMDT/127<br>BMDT/190<br>BMDT/254 |



#### TAPER SHANK - MALE SQUARE



| MORSE TAPER NO. | SQUARE SIZE  | MODEL NO.                |
|-----------------|--------------|--------------------------|
| 1               | 3/8"<br>1/2" | BMTM/1/95<br>BMTM/1/127  |
| 2               | 3/8"<br>1/2" | BMTM/2/95<br>BMTM/2/127  |
| 3               | 3/4"<br>1"   | BMTM/3/190<br>BMTM/3/254 |
| 4               | 3/4"<br>1"   | BMTM/4/190<br>BMTM/4/254 |

TAPER SHANK NO. SIZE OF SQUARE DIMENSION "A"

#### TAPER SHANK - FE MALE SQUARE



| MORSE TAPER NO. | SQUARE SIZE  | MODEL NO.                |
|-----------------|--------------|--------------------------|
| 1               | 3/8"<br>1/2" | BMTF/1/95<br>BMTF/1/127  |
| 2               | 3/8"<br>1/2" | BMTF/1/95<br>BMTF/1/127  |
| 3               | 3/4"<br>1"   | BMTF/3/190<br>BMTF/3/254 |
| 4               | 3/4"<br>1"   | BMTF/4/190<br>BMTF/4/254 |

#### TAPER SHANK - FEMALE SQUARE



| SQUARE SIZE | CHUCK SIZE | MODEL NO.    |
|-------------|------------|--------------|
| 3/8"        | 1/4"       | BMTC/95/63   |
| 3/8"        | 3/8"       | BMTC/95/95   |
| 3/8"        | 1/2"       | BMTC/95/127  |
| 1/2"        | 1/2"       | BMTC/127/127 |

#### REVERSIBLE RATCHET WRENCH



| SQUARE SIZE | LENGTH | MODEL NO. |
|-------------|--------|-----------|
| 3/8"        | 8"     | BHR/95    |
| 1/2"        | 10"    | BHR/127   |
| 3/4"        | 20"    | BHR/195   |
| 1"          | 24"    | BHR/254   |

**Note:** Ratchets are also available with hexagonal female openings for driving one revolution tube cutters & other items.