

**MB | METRIC HEXAGON AF SIZE REDUCER BUSHES**



- ▶ Economical solution of reducing female hexagon AF size of TWH-NRH metric ratchet head
- ▶ Select the outside AF size (i.e. ratchet head AF size) and required inside AF size to determine the MB model number
- ▶ Note that wall thickness 'W' dimension of reducer bush must be added to the minimum radius dimension of the ratchet head

| Outside AF size | Inside AF size | For TWH27NRH |      | For TWH54NRH |      | For TWH120NRH |      | For TWH210NRH |      | For TWH430NRH |      |
|-----------------|----------------|--------------|------|--------------|------|---------------|------|---------------|------|---------------|------|
|                 |                | Model number | W mm | Model number | W mm | Model number  | W mm | Model number  | W mm | Model number  | W mm |
| 30              | 24             | MB27-30-24   | 3    |              |      |               |      |               |      |               |      |
| 32              | 24             | MB27-32-24   | 3    |              |      |               |      |               |      |               |      |
| 32              | 27             | MB27-32-27   | 3    |              |      |               |      |               |      |               |      |
| 36              | 30             | MB27-36-30   | 3    | MB54-36-30   | 3    |               |      |               |      |               |      |
| 41              | 36             | MB27-41-36   | 2.5  | MB54-41-36   | 2.5  |               |      |               |      |               |      |
| 46              | 36             | MB27-46-36   | 5    | MB54-46-36   | 5    |               |      |               |      |               |      |
| 46              | 41             | MB27-46-41   | 2.5  | MB54-46-41   | 2.5  |               |      |               |      |               |      |
| 50              | 41             | MB27-50-41   | 4.5  | MB54-50-41   | 4.5  |               |      |               |      |               |      |
| 50              | 46             | MB27-50-46   | 2    | MB54-50-46   | 2    |               |      |               |      |               |      |
| 55              | 41             | MB27-55-41   | 7    | MB54-55-41   | 7    |               |      |               |      |               |      |
| 55              | 46             | MB27-55-46   | 4.5  | MB54-55-46   | 4.5  |               |      |               |      |               |      |
| 55              | 50             | MB27-55-50   | 2.5  | MB54-55-50   | 2.5  | MB120-55-50   | 2.5  |               |      |               |      |
| 60              | 46             | MB27-60-46   | 7    | MB54-60-46   | 7    | not available | -    |               |      |               |      |
| 60              | 50             | MB27-60-50   | 5    | MB54-60-50   | 5    | MB120-60-50   | 5    |               |      |               |      |
| 60              | 55             | MB27-60-55   | 2.5  | MB54-60-55   | 2.5  | MB120-60-55   | 2.5  |               |      |               |      |
| 65              | 50             |              |      | MB54-65-50   | 7.5  | MB120-65-50   | 7.5  |               |      |               |      |
| 65              | 55             |              |      | MB54-65-55   | 5    | MB120-65-55   | 5    |               |      |               |      |
| 65              | 60             |              |      | MB54-65-60   | 2.5  | MB120-65-60   | 2.5  |               |      |               |      |
| 70              | 55             |              |      | MB54-70-55   | 7.5  | MB120-70-55   | 7.5  |               |      |               |      |
| 70              | 60             |              |      | MB54-70-60   | 5    | MB120-70-60   | 5    |               |      |               |      |
| 70              | 65             |              |      | MB54-70-65   | 2.5  | MB120-70-65   | 2.5  |               |      |               |      |
| 75              | 60             |              |      | MB54-75-60   | 7.5  | MB120-75-60   | 7.5  |               |      |               |      |
| 75              | 65             |              |      | MB54-75-65   | 5    | MB120-75-65   | 5    |               |      |               |      |
| 75              | 70             |              |      | MB54-75-70   | 2.5  | MB120-75-70   | 2.5  | MB210-75-70   | 2.5  |               |      |
| 80              | 65             |              |      | MB54-80-65   | 7.5  | MB120-80-65   | 7.5  | not available | -    |               |      |
| 80              | 70             |              |      | MB54-80-70   | 5    | MB120-80-70   | 5    | MB210-80-70   | 5    |               |      |
| 80              | 75             |              |      | MB54-80-75   | 2.5  | MB120-80-75   | 2.5  | MB210-80-75   | 2.5  |               |      |
| 85              | 70             |              |      |              |      | MB120-85-70   | 7.5  | MB210-85-70   | 7.5  |               |      |
| 85              | 75             |              |      |              |      | MB120-85-75   | 5    | MB210-85-75   | 5    |               |      |
| 85              | 80             |              |      |              |      | MB120-85-80   | 2.5  | MB210-85-80   | 2.5  | MB430-85-80   | 2.5  |
| 90              | 75             |              |      |              |      | MB120-90-75   | 7.5  | MB210-90-75   | 7.5  | not available | -    |
| 90              | 80             |              |      |              |      | MB120-90-80   | 5    | MB210-90-80   | 5    | MB430-90-80   | 5    |
| 90              | 85             |              |      |              |      | MB120-90-85   | 2.5  | MB210-90-85   | 2.5  | MB430-90-85   | 2.5  |
| 95              | 80             |              |      |              |      | MB120-95-80   | 7.5  | MB210-95-80   | 7.5  | MB430-95-80   | 7.5  |
| 95              | 85             |              |      |              |      | MB120-95-85   | 5    | MB210-95-85   | 5    | MB430-95-85   | 5    |
| 95              | 90             |              |      |              |      | MB120-95-90   | 2.5  | MB210-95-90   | 2.5  | MB430-95-90   | 2.5  |
| 100             | 85             |              |      |              |      | MB120-100-85  | 7.5  | MB210-100-85  | 7.5  | MB430-100-85  | 7.5  |
| 100             | 90             |              |      |              |      | MB120-100-90  | 5    | MB210-100-90  | 5    | MB430-100-90  | 5    |
| 100             | 95             |              |      |              |      | MB120-100-95  | 2.5  | MB210-100-95  | 2.5  | MB430-100-95  | 2.5  |
| 105             | 90             |              |      |              |      |               |      | MB210-105-90  | 7.5  | MB430-105-90  | 7.5  |
| 105             | 95             |              |      |              |      |               |      | MB210-105-95  | 5    | MB430-105-95  | 5    |
| 105             | 100            |              |      |              |      |               |      | MB210-105-100 | 2.5  | MB430-105-100 | 2.5  |
| 110             | 95             |              |      |              |      |               |      | MB210-110-95  | 7.5  | MB430-110-95  | 7.5  |
| 110             | 100            |              |      |              |      |               |      | MB210-110-100 | 5    | MB430-110-100 | 5    |
| 110             | 105            |              |      |              |      |               |      | MB210-110-105 | 2.5  | MB430-110-105 | 2.5  |
| 115             | 100            |              |      |              |      |               |      | MB210-115-100 | 7.5  | MB430-115-100 | 7.5  |
| 115             | 105            |              |      |              |      |               |      | MB210-115-105 | 5    | MB430-115-105 | 5    |
| 115             | 110            |              |      |              |      |               |      | MB210-115-110 | 2.5  | MB430-115-110 | 2.5  |
| 130             | 105            |              |      |              |      |               |      |               |      | MB430-130-105 | 12.5 |
| 130             | 110            |              |      |              |      |               |      |               |      | MB430-130-110 | 10   |
| 130             | 115            |              |      |              |      |               |      |               |      | MB430-130-115 | 7.5  |
| 145             | 110            |              |      |              |      |               |      |               |      | MB430-145-110 | 17.5 |
| 145             | 115            |              |      |              |      |               |      |               |      | MB430-145-115 | 15   |
| 145             | 130            |              |      |              |      |               |      |               |      | MB430-145-130 | 7.5  |