

# TIMKEN Bearing Part Number

## TIMKEN BEARING part number system

Most Timken symbols are die stamped as part of the bearing number, however there are many cases where our automotive and industrial applications require special considerations in bearing designs and tolerances. To be certain future cone and cup replacements are made correctly, the factory supplements imprinted identifications with electric penciling to add prefixes and suffixes to the imprinted part numbers. These additional markings become important to the user for proper bearing identification and replacement.

### Part number system:

| Prefix | Suffix    | Definition   |
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| .      | .         | EXAMPLE: CN-07237  |
| .      | <b>A</b>  | CONE DIFFERENT BORE FROM STANDARD BASIC PART NUMBER. EXAMPLES: 495A VS 495 (NON-INTERCHANGEABLE) 567A VS 567 (NON-INTERCHANGEABLE)       |
| .      | <b>A</b>  | CONE DIFFERENT RADIUS FROM STANDARD BASIC PART NUMBER. EXAMPLES: 350A VS 350 (350 HAS LARGER RADIUS) 464A VS 464 (464 HAS LARGER RADIUS) |
| .      | <b>A</b>  | CUP DIFFERENT O.D. FROM STANDARD BASIC PART NUMBER. EXAMPLE: 493A VS 493 (NON-INTERCHANGEABLE)   |
| .      | <b>A</b>  | CUP DIFFERENT RADIUS FROM STANDARD BASIC PART NUMBER. EXAMPLE: 452A VS 452 (452A HAS LARGER RADIUS)                                      |
| .      | <b>A</b>  | CUP DIFFERENT LENGTH FROM STANDARD BASIC PART NUMBER. EXAMPLE: 394A VS 394 (NON-INTERCHANGEABLE)   |
| .      | <b>AA</b> | CONE AND CUP DIFFERENT BORE OR O.D., OR LENGTH AND RADIUS FROM STANDARD BASIC PART NUMBER. EXAMPLE: 495AA VS 495A OR 495                 |
| .      | <b>AB</b> | CUP FLANGED CUP (NON-INTERCHANGEABLE WITH STANDARD BASIC PART NUMBER) . EXAMPLE: 572AB VS 572  |

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| . | <b>AC</b>  | DIFFERENT CUP WIDTH OR RADIUS FROM BASIC PART NUMBER.   |
| . | <b>AC</b>  | CUP DIFFERENT O.D. OR LENGTH AND RADIUS FROM STANDARD BASIC PART NUMBER) . EXAMPLE: 453AC VS 453 (NON-INTERCHANGEABLE)  |
| . | <b>AD</b>  | CUP DOUBLE CUP (NON-INTERCHANGEABLE WITH STANDARD BASIC PART NUMBER) . EXAMPLE: 592AD VS 592 (592 IS SINGLE CUP)  |
| . | <b>ADW</b> | DOUBLE CONE PILOTS AND SLOTS EACH END, HOLES IN LARGE RIB.  |
| . | <b>AH</b>  | ASSEMBLED WITH SPECIAL CAGE, ROLLERS AND/OR INTERNAL GEOMETRY.  |
| . | <b>AS</b>  | DIFFERENT BORE, OD, WIDTH OR RADIUS FROM BASIC PART NUMBER.   |
| . | <b>AS</b>  | CONE AND CUP DIFFERENT BORE OR O.D. OR LENGTH AND RADIUS FROM STANDARD BASIC PART NUMBER. EXAMPLES: 372AS VS 372 (NON-INTERCHANGEABLE) 385AS VS 385 (NON-INTERCHANGEABLE) |
| . | <b>AV</b>  | MADE OF SPECIAL STEEL.  |
| . | <b>AW</b>  | KEYWAY OR SLOTTED CONE RACE OR OUTER RACE.  |
| . | <b>AW</b>  | CONE AND CUP KEYWAY OR SLOTTED CONE OR CUP. EXAMPLE: 389AW VS 389A (NON-INTERCHANGEABLE)  |
| . | <b>AX</b>  | DIFFERENT BORE, OD, WIDTH, OR RADIUS FROM BASIC PART NUMBER.  |
| . | <b>AX</b>  | CONE AND CUP DIFFERENT BORE OR O.D. OR LENGTH AND RADIUS FROM STANDARD BASIC PART NUMBER. EXAMPLES: 453AX VS 453 (NON-INTERCHANGEABLE) 495AX VS 495 (NON-INTERCHANGEABLE) |
| . | <b>AXD</b> | ISO OUTER RACE - DOUBLE OUTER RACE WITHOUT OIL HOLES OR   |

GROOVE.

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| . | <b>B</b>  | CUP FLANGED CUP (NON-INTERCHANGEABLE WITH STANDARD BASIC PART NUMBER) EXAMPLE: 572B VS 572  |
| . | <b>B</b>  | CONE CONE USING BRASS CAGE.   |
| . | <b>BS</b> | CUP FLANGED CUP (NON-INTERCHANGEABLE WITH STANDARD BASIC PART NUMBER) . EXAMPLE: 332BS VS 332   |
| . | <b>BW</b> | CUP FLANGED CUP WITH SLOT (NON-INTERCHANGABLE WITH STANDARD BASIC PART NUMBER) . EXAMPLE: 432BW VS 432  |
| . | <b>C</b>  | CUP DIMENSIONALLY DIFFERENT FROM BASIC PART NUMBER (NON-INTERCHANGEABLE).   |
| . | <b>C</b>  | SINGLE CONE RACE, ENVELOPE DIMENSION SAME AS BASIC PART NUMBER.   |
| . | <b>CA</b> | DIFFERENT INTERNAL GEOMETRY.  |
| . | <b>CD</b> | DOUBLE CUP WITH OIL HOLES AND GROOVE. ONE HOLE COUNTER-BORED FOR LOCKING PIN.   |
| . | <b>CP</b> | CONE AND CUP FLASH CHROME PLATED. OTHERWISE, INTERCHANGEABLE WITH STANDARD BASIC PART NUMBER. EXAMPLES: 18200CP (SUFFIX ELECTRIC PENCIL ETCHED) 18337CP (SUFFIX ELECTRIC PENCIL ETCHED) |
| . | <b>CR</b> | CONE AND CUP RIB CUP BEARING SERIES.  |
| . | <b>CX</b> | DIMENSIONALLY DIFFERENT FROM BASIC PART NUMBER (NON-INTERCHANGEABLE).   |
| . | <b>D</b>  | CONE AND CUP DOUBLE CONE OR DOUBLE CUP (NON-INTERCHANGEABLE WITH STANDARD BASIC PART NUMBER) . EXAMPLES: 581D VS 581 (581 IS SINGLE CONE) 572D  |

VS 572 (572 IS SINGLE  
CONE)

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| . | <b>DA</b>  | CONE DOUBLE CONE (NON-INTERCHANGEABLE WITH CONES HAVING SAME BASIC PART NUMBER) .<br>EXAMPLE: 378DA VS 378DE   |
| . | <b>DA</b>  | CUP SPHERICAL O.D. DOUBLE CUP (NON-INTERCHANGEABLE WITH STANDARD BASIC PART NUMBER OR OTHER DOUBLE CUPS HAVING SAME BASIC NUMBERS) .<br>EXAMPLES: 472D VS 472DD        |
| . | <b>DB</b>  | CUP DOUBLE CUP WITH FLANGE (NON-INTERCHANGEABLE WITH STANDARD BASIC PART NUMBER OR OTHER DOUBLE CUPS HAVING SAME BASIC NUMBERS) .<br>EXAMPLE: 09195DB VS 09195         |
| . | <b>DC</b>  | CUP DOUBLE CUP WITH HOLE FOR LOCKING PIN.  |
| . | <b>DD</b>  | CONE AND CUP SPECIAL LONG DOUBLE CONE OR CUP (NON-INTERCHANGEABLE WITH STANDARD BASIC PART NUMBER OR OTHER DOUBLE PARTS HAVING SAME BASIC NUMBERS) .<br>EXAMPLE: 563DD |
| . | <b>DE</b>  | DOUBLE CONE OR DOUBLE CUP HAVING DIFFERENT DIMENSIONS OR OTHER CHARACTERISTICS FROM SINGLE AND DOUBLE PARTS IDENTIFIED WITH THE SAME BASIC PART NUMBER.                |
| . | <b>DGW</b> | CONE DOUBLE CONE WITH PRESSURE REMOVAL GROOVE IN BORE, AND HAVING FACE SLOTS.  |
| . | <b>DH</b>  | DOUBLE CONE RACE WITH SPECIAL CAGE, ROLLERS AND/OR INTERNAL GEOMETRY.  |
| . | <b>DP</b>  | CONE DOUBLE CONE WITH PULLER GROOVE.   |
| . | <b>DR</b>  | CUP DOUBLE CUP FOR RIB CUP SERIES (NON-INTERCHANGEABLE WITH SINGLE AND DOUBLE CUPS IDENTIFIED WITH SAME  |

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| . |           | BASIC NUMBER) .   |
| . | <b>DS</b> | CUP CROWNED O.D.<br>DOUBLE CUP (NON-INTERCHANGEABLE WITH OTHER CUPS HAVING SAME BASIC PART NUMBERS) . EXAMPLE: 95927DS VS 95927D  |
| . | <b>DT</b> | CUP TAPERED O.D.<br>DOUBLE CUP (NON-INTERCHANGEABLE WITH OTHER CUPS HAVING SAME BASIC PART NUMBERS) . EXAMPLE: 473DT  |
| . | <b>DV</b> | DOUBLE CONE OR DOUBLE CUP RACE MADE OF SPECIAL STEEL.   |
| . | <b>DW</b> | CONE AND CUP DOUBLE CONE OR DOUBLE CUP WITH KEYWAY OR SLOT (NON-INTERCHANGEABLE WITH CONES OR CUPS IDENTIFIED WITH SAME 'BASIC PART NUMBERS) . EXAMPLES: 378DW VS 378DA 128170DW VS 128170DA  |
| . | <b>DX</b> | CUP ADAPTOR FOR SPHERICAL OR STRAIGHT O.D. CUP. EXAMPLE: 128196DX (ADAPTOR FOR 128170DA CUP)  |
| . | <b>DX</b> | CUP THREADED O.D.<br>DOUBLE CUP (NON-INTERCHANGEABLE WITH CUPS IDENTIFIED WITH SAME BASIC PART NUMBERS) .   |
| . | <b>E</b>  | CONE AND CUP CONES OR CUPS HAVING SPECIAL CHARACTERISTICS DIFFERING FROM AND NON-INTERCHANGEABLE WITH OTHER CONES OR CUPS IDENTIFIED WITH THE SAME BASIC PART NUMBERS . EXAMPLES: 6E (EXTRA LARGE O.D.) 742E (ROTARY GROUND FRONT FACE) |
| . | <b>ED</b> | CUP DOUBLE CUP (NON-INTERCHANGEABLE WITH OTHER CUPS IDENTIFIED WITH SAME BASIC PART NUMBERS) . EXAMPLE: 384ED VS 384AD  |
| . | <b>F</b>  | CONE ASSEMBLED WITH   |

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| . |           | POLYMER CAGE.   |
| . | <b>G</b>  | CONE RETAINER GROOVE<br>IN BORE.  |
| . | <b>H</b>  | CONE ASSEMBLED WITH<br>SPECIAL CAGE, ROLLERS<br>AND/OR INTERNAL<br>GEOMETRY.  |
| . | <b>HR</b> | SPECIAL CUP USED ON<br>'HYDRA-RIB' BEARING.   |
| . | <b>K</b>  | CONE AND CUP FACTORY<br>IDENTIFICATION ONLY.<br>NOT PART OF NUMBER<br>AND UNRELATED TO<br>PHYSICAL DIMENSIONS.<br>(INTERCHANGEABLE WITH<br>OTHER CONES AND CUPS<br>HAVING SAME BASIC PART<br>NUMBERS) . |
| . | <b>L</b>  | CONE ASSEMBLED<br>WITH DUO-FACED SEALS.   |
| . | <b>MM</b> | CONE AND CUP FACTORY<br>IDENTIFICATION ONLY.<br>NOT PART OF NUMBER<br>AND UNRELATED TO<br>PHYSICAL DIMENSIONS<br>(INTERCHANGEABLE WITH<br>OTHER CONES AND CUPS<br>HAVING SAME BASIC PART<br>NUMBERS) .  |
| . | <b>NA</b> | CUP SUFFIX ELECTRIC<br>PENCIL ETCHED ON<br>DOUBLE CUPS MATED<br>WITH TWO "NA" TYPE<br>SINGLE CONES TO FORM<br>DOUBLE ROW NON-<br>ADJUSTABLE BEARINGS.   |
| . | <b>NC</b> | CUP CUSHIONED CUP<br>(USUALLY NEOPRENE) .   |
| . | <b>NR</b> | CONE "NA" TYPE RIBLESS<br>CONE FOR RIB CUP<br>SERIES.   |
| . | <b>NW</b> | CONE "NA" TYPE CONE<br>WITH SLOTTED FRONT<br>FACE.  |
| . | <b>NX</b> | CONE LAPPED FRONT<br>FACE   |
| . | <b>P</b>  | CONE PULLER GROOVE.   |
| . | <b>R</b>  | CONE AND CUP BOCK<br>TYPE BEARING .<br>EXAMPLES: 6358-R AND<br>6552-R   |
| . | <b>RB</b> | CUP SNAP RING ON O.D.<br>EXAMPLES: 3822-RB,<br>15523-RB   |
| . | <b>S</b>  | CONE AND CUP SPECIAL<br>FEATURE BEARING. NOT  |

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| . |            | INTERCHANGEABLE WITH BEARINGS HAVING SAME BASIC PART NUMBERS.  |
| . | <b>SA</b>  | CONE AND CUP SPECIAL FEATURE BEARING. NOT INTERCHANGEABLE WITH BEARINGS HAVING SAME BASIC PART NUMBERS.  |
| . | <b>SB</b>  | CONE CONE WITH BRASS CAGE.   |
| . | <b>SB</b>  | CUP FLANGED CUP.   |
| . | <b>SC</b>  | CONE CONE WITH SQUARE BORE.  |
| . | <b>SD</b>  | CONE AND CUP DOUBLE CONE WITH SQUARE BORE OR DOUBLE CUP.   |
| . | <b>SH</b>  | SPECIAL FEATURE BEARING, WITH SPECIAL CAGE, ROLLERS AND/OR INTERNAL GEOMETRY (NON-INTERCHANGEABLE WITH BEARINGS HAVING SAME BASIC PART NUMBERS). |
| . | <b>SW</b>  | CONE AND CUP SLOT OR KEYWAY. NOT INTERCHANGEABLE WITH BEARINGS HAVING SAME BASIC PART NUMBERS.   |
| . | <b>T</b>   | CONE TAPERED BORE.   |
| . | <b>T</b>   | CUP TAPERED O.D.   |
| . | <b>TA</b>  | CONE TAPERED BORE "NA" TYPE CONE.  |
| . | <b>TA</b>  | CUP TAPERED O.D.   |
| . | <b>TB</b>  | CONE TAPERED BORE CONE WITH BRASS CAGE.  |
| . | <b>TD</b>  | CONE TAPERED BORE DOUBLE CONE.   |
| . | <b>TDE</b> | DOUBLE CONE WITH TAPERED BORE AND EXTENDED RIB.  |
| . | <b>TDH</b> | DOUBLE CONE WITH TAPERED BORE, SPECIAL CAGE, ROLLERS, OR INTERNAL GEOMETRY.  |
| . | <b>TDL</b> | CONE TAPERED BORE, DOUBLE CONE, WITH INTERLOCK FEATURE.  |
| . | <b>TDV</b> | DOUBLE CONE WITH TAPERED BORE. MADE OF SPECIAL STEEL.  |
| . | <b>TE</b>  | CONE TAPERED BORE CONE WITH EXTENDED RIB.  |
| . | <b>TEV</b> | SINGLE CONE, TAPERED   |

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| . |            | BORE, EXTENDED LARGE RIB. MADE OF SPECIAL STEEL.  |
| . | <b>TL</b>  | CONE TAPERED BORE WITH INTERLOCK FEATURE.   |
| . | <b>TLE</b> | CONE TAPERED BORE WITH INTERLOCK FEATURE AND EXTENDED WIDTH.  |
| . | <b>TP</b>  | CONE TAPERED BORE CONE WITH PULLER GROOVE.  |
| . | <b>TW</b>  | CONE AND CUP TAPERED CONE BORE OR CUP O.D. WITH SLOTS OR KEYS.  |
| . | <b>U</b>   | CONE OR CUP - BASIC SERIES PART NUMBER, UNITIZED, SELF-CONTAINED.   |
| . | <b>V</b>   | CONE AND CUP OBSOLETE TYPE BEARING DESIGN. NOT PART OF NUMBER AND NO RELATION TO PHYSICAL DIMENSIONS.   |
| . | <b>V7E</b> | CONE AND CUP EXTENDED KEYWAY CONE OR CUP.   |
| . | <b>W</b>   | CONE AND CUP SLOT OR KEYWAY.  |
| . | <b>W</b>   | CONE TYPE 12 SLOT.  |
| . | <b>WA</b>  | CONE TYPE SI SLOT.  |
| . | <b>WB</b>  | CONE TYPE 13 SLOT.  |
| . | <b>WC</b>  | CONE WITH SLOTS OR KEYWAYS.   |
| . | <b>WD</b>  | CONE SPECIAL TYPE SLOT.   |
| . | <b>WE</b>  | CONE TYPE #4 SLOT.  |
| . | <b>WS</b>  | CONE OR CUP - SLOTS OR KEYWAYS.   |
| . | <b>X</b>   | CONE SLOT OR KEYWAY.  |
| . | <b>X</b>   | CONE AND CUP SPECIAL FEATURE BEARING. NOT INTERCHANGEABLE WITH BEARINGS HAVING SAME BASIC PART NUMBERS.<br>EXAMPLES: 350X - SMALLER BORE 496X - LARGER BORE 525X - DIFFERENT RADIUS |
| . | <b>XD</b>  | DOUBLE CUP, NO OIL HOLES OR GROOVE.   |
| . | <b>XP</b>  | SPECIAL CONE STEEL AND PROCESS.   |
| . | <b>XW</b>  | CONE SLOTTED.   |
| . | <b>XX</b>  | SINGLE CONE OR SINGLE CUP MADE OF SPECIAL   |



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|    |    | STEEL.   |
| .  | YD | DOUBLE CUP WITH OIL HOLES, NO GROOVE.  |
| .  | Z  | CUP OR CONE CLOSE STAND PART.  |
| A  | .  | CONE AND CUP STANDARD BASIC SERIES PART NUMBER EXAMPLES: A2031 CONE, A2126 CUP   |
| CN | C  | CUP DIMENSIONALLY DIFFERENT FROM STANDARD BASIC PART NUMBER. (NON-INTERCHANGEABLE) . EXAMPLE: 534C VS 534 CUP NEOPRENE CUSHIONED CUP.  |
| EE | .  | CONE DOUBLE RIB - CLOSE GUIDED ROLLERS (NON-INTERCHANGEABLE WITH OTHER CONES IDENTIFIED WITH SAME BASIC PART NUMBERS) . EXAMPLE: EE141250D VS 141250D                              |
| EH | .  | CONE AND CUP EXTRA HEAVY SERIES.   |
| EL | .  | CONE AND CUP EXTRA LIGHT SERIES.   |
| EX | .  | CONE AND CUP EXPERIMENTAL .  |
| F  | .  | CONE AND CUP FACTORY IDENTIFICATION ONLY. NOT PART OF NUMBER AND AND UNRELATED TO PHYSICAL DIMENSIONS (INTERCHANGEABLE WITH OTHER CONES AND CUPS HAVING SAME BASIC PART NUMBERS) . |
| H  | .  | CONE AND CUP HEAVY SERIES (NON-INTERCHANGEABLE WITH OTHER CONES AND CUPS IDENTIFIED WITH SAME BASIC PART NUMBERS) . EXAMPLES: H242649 H242610                                      |
| HH | .  | CONE AND CUP HEAVY-HEAVY SERIES (NON-INTERCHANGEABLE WITH OTHER CONES AND CUPS IDENTIFIED WITH SAME BASIC PART NUMBERS) . EXAMPLES: HH926749 VS HM926749 HH926710 VS HM926710      |
| HM | .  | CONE AND CUP HEAVY-  |

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|    |    | MEDIUM SERIES (NON-INTERCHANGEABLE WITH OTHER CONES AND CUPS IDENTIFIED WITH SAME BASIC PART NUMBERS) .<br>EXAMPLES: HM926749 VS HH926749 HM926710 VS HH926710                                       |
| J  | .  | CONE AND CUP STANDARD BASIC SERIES PART NUMBER, METRIC CONE BORE AND CUP O.D.<br>EXAMPLES: JLM104948 VS JLM104910 CUP JH307749 CONE VS JH307710 CUP  |
| L  | .  | CONE AND CUP LIGHT SERIES. (NON-INTERCHANGEABLE WITH OTHER CONES AND CUPS IDENTIFIED WITH SAME BASIC PART NUMBERS.   |
| LL | .  | CONE AND CUP LIGHT-LIGHT SERIES.   |
| LM | .  | CONE AND CUP LIGHT-MEDIUM SERIES.  |
| M  | .  | CONE AND CUP MEDIUM SERIES.  |
| N  | .  | CONE BOCK OR GILLIAM TYPE BEARINGS.  |
| NA | NA | CONE TWO CONES MATED WITH DOUBLE CUP TO FORM DOUBLE ROW NON-ADJUSTABLE BEARING. (NON-INTERCHANGEABLE WITH OTHER CONES HAVING SAME BASIC PART NUMBERS WHICH MAY VARY IN BORE, O.D. LENGTH DIMENSIONS. |
| R  | .  | CONE AND CUP GILLIAM REPLACEMENT SERIES. (NON-INTERCHANGEABLE WITH OTHER CONES AND CUPS IDENTIFIED WITH SAME BASIC NUMBER) .   |
| RC | .  | CONE AND CUP SPECIAL RIBBED CUP BEARING.   |
| SX | .  | SPECIAL EXPERIMENTAL.  |
| T  | .  | CONE THRUST BEARING ASSEMBLIES. EXAMPLES: T-76 , T-176, T-811  |
| TC | .  | CONE THRUST BEARING ASSEMBLE. EXAMPLE: TC-702  |
| U  | .  | CONE AND CUP STANDARD BASIC SERIES PART NUMBER, UNITIZED SELF-   |

**XC**

CONTAINED BEARING.  
EXAMPLE: U399 CONE,  
U360L CUP

CONE AND CUP LIMITED  
PRODUCTION BEARINGS  
TO WHICH STANDARD  
SERIES PART NUMBERS  
HAVE NOT BEEN  
ASSIGNED.