
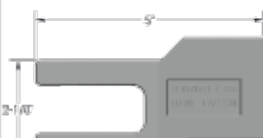

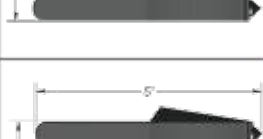




# TEETH & BLOCKS




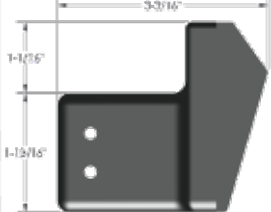
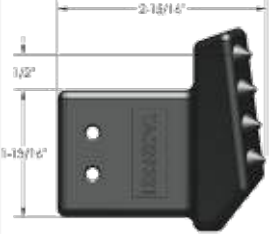

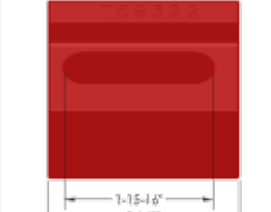
|   | PART NO.          | CODE NO.  | DESCRIPTION   | APPLICATION  |
|---|-------------------|-----------|---|--|
|   | <b>2429171</b>    | TX50/1650 | Tooth, dirt, heat treated   | Dirt, compacted soils, low abrasion materials, fits all TX-series shank plates & TX-50 replaceable tooth pilot.  |
|   | <b>2429429</b>    | TX52/1652 | Tooth, dirt, outside gauge, heat treated                              | Dirt, compacted soils, low abrasion materials, fits all TX-series shank plates & TX-50 replaceable tooth pilot. Recommended for outside blocks.  |
|   | <b>A029225</b>    | TX56/1656 | Tooth, rock, (carbide) conical, four-tip, heat treated                | Fractured and non-fractured materials, frozen soils, abrasive materials. Conical tips increase penetration rates in most materials. Fits all TX-series shank plates & TXC50 pilot.                                 |
|   | <b>A029400</b>    | TX58/1658 | Tooth, rock, (carbide) conical, four-tip, outside gauge, heat treated | Fractured and non-fractured materials, frozen soils, abrasive materials, conical tips increase penetration rates in most materials. Fits all TX-series shank plates & TX50C pilot. Recommended for outside blocks. |
|   | <b>65342386TU</b> | TX56CH    | Tooth, rock, (carbide) chisel, four-tip, heat treated                 | Non-fractured materials, frozen soils, abrasive materials. Tips increase penetration rates in most materials. Fits all TX-Series shank plates & TXC50 pilot.   |
|  | <b>65342385TU</b> | TX58CH    | Tooth, rock, (carbide) chisel, four-tip, outside gauge, heat treated  | Non-fractured materials, frozen soils, abrasive materials. Tips increase penetration rates in most materials. Fits all TX-series shank plates & TX50C pilot. Recommended for outside blocks.                       |

| PART NO.   | DESCRIPTION | BLOCK        | PER BUCKET | LBS EACH | LBS / BUCKET | KGS / BUCKET | PCS/ PALLET | LBS / PALLET | KGS / PALLET |
|------------|-------------|--------------|------------|----------|--------------|--------------|-------------|--------------|--------------|
| 2429171    | TOOTH, TX50 | shank plates | 25         | 0.93     | 25           | 12           | 1250        | 1213         | 551          |
| 2429429    | TOOTH, TX52 | shank plates | 25         | 1.15     | 31           | 15           | 1250        | 1488         | 675          |
| A029225    | TOOTH, TX56 | shank plates | 25         | 1.10     | 29           | 14           | 1250        | 1425         | 647          |
| A029400    | TOOTH, TX58 | shank plates | 25         | 1.20     | 32           | 15           | 1250        | 1550         | 704          |
| 65342385TU | TOOTH, TX58 | shank plates | 25         | 1.30     | 34           | 16           | 1250        | 1675         | 760          |
| 65342386TU | TOOTH, TX56 | shank plates | 25         | 1.26     | 33           | 15           | 1250        | 1625         | 738          |

- Notes: 1. These teeth use rubberlock A001277  
 2. Full pallet of teeth contains 50 buckets.

NOTE: Graphics for reference only.

## Blade Series











|  | PART NO.       | CODE NO.       | DESCRIPTION  | APPLICATION  |
|--|----------------|----------------|--|--|
|    | <b>2416844</b> | TRT1 TX        | 3/16" (4.8 mm) thk. Full face rock blade.  | Non-fractured material, frozen soil, abrasive material. Medium to hard rock.   |
|    | <b>A510184</b> | TWT2 TX        | 3/16" (4.8 mm) thk. Full face gauge rock blade. Tooth cuts 3/4" (19.1 mm) gauge for pocket   | Non-fractured material, frozen soil abrasive material. Medium to hard rock.  |
|    | <b>A029321</b> | TK55C KM       | Four tip conical carbide rock cutter. 3/8" (9.5 mm) thk. Conical brazed and then entire cut is heat treated for strength and durability. | Fractured and non-fractured material. Angle of attack & conical tips increase penetration rates in most augerable materials. Hard to very hard rock. |
|   | <b>17318</b>   | TDB31/D7000 TX | Heat treated dirt blade, with a 45 degree attack angle.  | Soft earth digging, and clay materials.  |
|  | <b>69322</b>   | TAP3 TX        | ASTM-148 Cast steel tooth block. Tapered slot to reduce tooth chatter.   | Accepts all above teeth. Welded with 7018 or 8018 low-hydrogen rod.  |

| PART NO. | DESCRIPTION | BLOCK | PER BUCKET | LBS EACH | LBS / BUCKET | KGS / BUCKET | PCS/ PALLET | LBS / PALLET | KGS / PALLET |
|----------|-------------|-------|------------|----------|--------------|--------------|-------------|--------------|--------------|
| 2416844  | TOOTH,TRT1  | 69322 | 25         | 1.05     | 28           | 13           | 1250        | 1363         | 619          |
| A510184  | TOOTH,TWT2  | 69322 | 25         | 1.10     | 29           | 14           | 1250        | 1425         | 647          |
| A029321  | TOOTH,TK55C | 69322 | 25         | 1.21     | 32           | 15           | 1250        | 1563         | 709          |
| 17318*   | TOOTH,TDB31 | 69322 | 25         | 1.45     | 38           | 18           | 1500        | 2225         | 1010         |
| 69322    | BLOCK       |       | 25         | 1.20     | 32           | 15           | 1250        | 1550         | 704          |

- Notes: 1. These teeth use roll pin 2443223  
 2. Full pallet of teeth contains 60 buckets (unless otherwise noted)  
 \*Contains 50 buckets per pallet

NOTE: Graphics for reference only.

## Bullet , .76", TC10 Series

|   | PART NO.            | CODE NO.       | DESCRIPTION   | APPLICATION  |              |              |              |              |
|---|---------------------|----------------|---|--|--------------|--------------|--------------|--------------|
|    | A001375             | RB1LR SN KM    | Heat treated alloy steel body, sharp-nose carbide tip, long retainer  | Small diameter tip reduces vibration during concrete cutting.  |              |              |              |              |
|    | A001371             | RB3LR KM       | Heat treated alloy steel body, sharp-nose carbide tip, long retainer  | Fractured and non-fractured materials, frozen soils, and abrasive materials.   |              |              |              |              |
|    | A001379             | RB3SR KM       | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | Fractured and non-fractured materials, frozen soils, and abrasive materials.   |              |              |              |              |
|    | 2429912             | RL08/C3LR KM   | Heat treated alloy steel body, sharp-nose carbide tip, long retainer  | Cutting concrete and other tough cutting applications  |              |              |              |              |
|    | 2429913             | RL09/C3SR94 KM | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | For cutting concrete and other tough cutting applications.   |              |              |              |              |
|    | 68888               | TX1HDLR KM     | Heat treated alloy steel body, sharp-nose carbide tip, long retainer  | For drilling concrete and rock cutting. Double-angle tip provides maximum impact strength.                                       |              |              |              |              |
|    | 2429911             | TX1HDSR KM     | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | For drilling concrete and rock cutting. Double-angle tip provides maximum impact strength.                                       |              |              |              |              |
|   | A001376             | RB1SR-SN KM    | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | Fractured and non-fractured materials, frozen soils, and abrasive materials.   |              |              |              |              |
|  | 65342401TU          | RL09 TX        | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | For cutting concrete and other tough cutting applications. Ideal use for Spiral BTA series.                                      |              |              |              |              |
|  | 70795               | RL11 KM        | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | For cutting soft to medium-hard materials with good penetration. Dimpled retainer for increased holding power in grooved blocks. |              |              |              |              |
| PART NO.  | DESCRIPTION         | PER BUCKET     | LBS EA  | LBS / BUCKET   | KGS / BUCKET | PCS / PALLET | LBS / PALLET | KGS / PALLET |
| *A001375  | TOOTH, RB1LR SN     | 75             | 0.47  | 37   | 17           | 3000         | 1460         | 663          |
| *A001371  | TOOTH, RB3LR        | 75             | 0.45  | 36   | 17           | 3000         | 1400         | 636          |
| *A001379  | TOOTH, RB3SR        | 75             | 0.44  | 35   | 16           | 3000         | 1370         | 622          |
| 2429912   | TOOTH, RL08/C3LR    | 75             | 0.45  | 36   | 17           | 3750         | 1738         | 789          |
| 2429913   | TOOTH, RL09/C3SR94  | 75             | 0.40  | 32   | 15           | 3750         | 1550         | 704          |
| 68888   | TOOTH, C10, TX1HDLR | 75             | 0.53  | 42   | 20           | 3750         | 2038         | 925          |
| 2429911   | TOOTH, TX1HDSR      | 75             | 0.50  | 39   | 18           | 3750         | 1925         | 874          |
| *A001376  | TOOTH, RB1SR-SN     | 75             | 0.45  | 36   | 17           | 3000         | 1400         | 636          |
| 65342401TU  | TOOTH, C10, RL09 TX | 75             | 0.40  | 32   | 15           | 3750         | 1550         | 704          |
| 70795   | TOOTH, C10, RL11    | 75             | 0.45  | 36   | 17           | 3750         | 1738         | 789          |







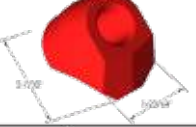

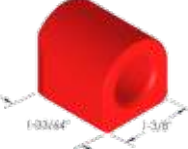
Note: Full pallet of teeth contains 50 buckets (unless otherwise noted)

\*Contains 40 buckets per pallet

65342401TU Contains 60 buckets per pallet

NOTE: Graphics for reference only.

## Bullet , .76", TC10 Series

|   | PART NO.   | CODE NO.       | DESCRIPTION   | APPLICATION  |
|---|------------|----------------|---|--|
|    | 65349085TU | RC1LR-SN TX    | Heat treated alloy steel body, sharp-nose carbide tip, long retainer  | Small diameter tip reduces vibration during concrete cutting.  |
|    | 65349086TU | RC1SR-SN TX    | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | Fractured and non-fractured materials, frozen soils, and abrasive materials.                           |
|    | A000897    | C1HDSR RL10 KM | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | For drilling concrete and rock cutting. Double-angle tip provides maximum impact strength.             |
|    | 65350265TU | RC1SR-SN TX    | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | Fractured and non-fractured materials, frozen soils, and abrasive materials.                           |
|    | A001455    | RS16 TX        | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | For drilling concrete and rock cutting. Double-angle tip provides maximum impact strength.             |
|    | 2429941    | C10 TX         | Heavy duty tooth block  | 45° mounting surface with a narrower face than C10HD style. Welded with 7018 or 8018 low-hydrogen rod. |
|   | 29942      | C10HD KM       | Extra heavy duty block  | 45° mounting surface. Extra-heavy-duty design. Welded with 7018 or 8018 low-hydrogen rod.              |
|  | A001404    | RC10F TX       | Heavy duty block with mounting surface parallel to tooth axis         | For buckets, barrels, and special applications. Welded with 7018 or 8018 low-hydrogen rod.             |
|  | 65350264TU | RC10FS TX      | Shorter heavy duty block with mounting surface parallel to tooth axis | For buckets, barrels, and special applications. Welded with 7018 or 8018 low-hydrogen rod.             |








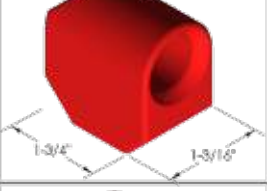
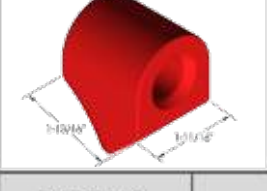
| PART NO.   | DESCRIPTION     | PER BUCKET | LBS EA | LBS / BUCKET | KGS / BUCKET | PCS / PALLET | LBS / PALLET | KGS / PALLET |
|------------|-----------------|------------|--------|--------------|--------------|--------------|--------------|--------------|
| 65349085TU | C10,RC1LR-SN TX | 75         | 0.50   | 39           | 18           | 3750         | 1925         | 874          |
| 65349086TU | C10,RC1SR-SN TX | 75         | 0.45   | 36           | 17           | 3750         | 1738         | 789          |
| *A000897   | C1HDSR,RL10,KM  | 75         | 0.52   | 41           | 19           | 4500         | 2390         | 1085         |
| 65350265TU | RC1SR-SN TX     | 75         | 0.45   | 36           | 17           | 3750         | 1738         | 789          |
| A001455    | RS16 TX         | 70         | 0.60   | 44           | 20           | 3500         | 2133         | 968          |
| 2429941    | BLOCK,C10 TX    | 50         | 1.10   | 57           | 26           | 2500         | 2800         | 1271         |
| *29942     | BLOCK,C10HD KM  | 25         | 1.19   | 32           | 15           | 1500         | 1835         | 833          |
| A001404    | BLOCK,RC10F TX  | 50         | 0.71   | 37           | 17           | 2500         | 1825         | 828          |
| 65350264TU | BLOCK,RC10FS TX | 50         | 0.71   | 37           | 17           | 2500         | 1825         | 828          |

Note: Full pallet of teeth contains 60 buckets

\*Contains 50 bucket per pallet

NOTE: Graphics for reference only.

## Bullet, .74", TC20 Series

|  | PART NO.        | CODE NO.  | DESCRIPTION   | APPLICATION  |              |              |              |              |              |
|--|-----------------|-----------|---|--|--------------|--------------|--------------|--------------|--------------|
|    | 2429897         | C21 KM    | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | For most cutting applications. Especially good in soft to medium-hard material. Carbide tip (5/16" dia.) for fast penetration.   |              |              |              |              |              |
|    | 65350253TU      | RC21HD TX | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | Heavy duty design for extremely hard rock and concrete. Carbide tip (1/2" dia.) provides long tool life.                         |              |              |              |              |              |
|    | 2429898         | C21HD KM  | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | Heavy duty design for extremely hard rock and concrete. Carbide tip (1/2" dia.) provides long tool life.                         |              |              |              |              |              |
|    | 2429900         | C23 TX    | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | Drilling and core-barreling in soft to medium-hard rock with abrasive cutting conditions.  |              |              |              |              |              |
|    | 65340029        | C23 KM    | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | Drilling and core-barreling in soft to medium-hard rock with abrasive cutting conditions.  |              |              |              |              |              |
|    | A001373         | RB23 KM   | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | Soft to medium-hard rock with abrasive conditions.   |              |              |              |              |              |
|    | 2429901         | C24 KM    | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | Drilling soft material. Sharp nose tip for high penetration.   |              |              |              |              |              |
|   | 2429938         | RC20 TX   | Heavy duty block  | 45° mounting surface thinner width allows closer block placement in restricted areas. Welded with 7018 or 8018 low-hydrogen rod. |              |              |              |              |              |
|  | 2429939         | C20HD KM  | Extra heavy duty block  | 45° mounting surface heavier block design than the C20 block. Welded with 7018 or 8018 low-hydrogen rod.                         |              |              |              |              |              |
| PART NO.   | DESCRIPTION     |           | PER BUCKET  | LBS EACH   | LBS / BUCKET | KGS / BUCKET | PCS / PALLET | LBS / PALLET | KGS / PALLET |
| 2429897  | TOOTH,C21       |           | 75  | 0.39   | 31           | 15           | 3750         | 1513         | 687          |
| ~65350253TU  | TOOTH,RC21HD TX |           | 75  | 0.49   | 39           | 18           | 4500         | 2255         | 1023         |
| 2429898  | TOOTH,C21HD     |           | 75  | 0.49   | 39           | 18           | 3750         | 1888         | 857          |
| ~2429900   | TOOTH,C23       |           | 75  | 0.41   | 33           | 15           | 4500         | 1895         | 860          |
| 65340029   | TOOTH,C23       |           | 75  | 0.42   | 33           | 15           | 3750         | 1625         | 738          |
| 2429901  | TOOTH,C24       |           | 75  | 0.38   | 30           | 14           | 3750         | 1475         | 670          |
| *A001373   | TOOTH,RB23      |           | 75  | 0.46   | 36           | 17           | 3000         | 1430         | 649          |
| 2429939  | BLOCK,C20HD     |           | 25  | 1.18   | 31           | 15           | 1250         | 1525         | 692          |
| ~2429938   | BLOCK,RC20      |           | 50  | 0.65   | 34           | 16           | 3000         | 2000         | 908          |










Note: Full pallet of teeth contains 50 buckets (unless otherwise noted)

\*Contains 40 buckets per pallet

~Contains 60 buckets per pallet

NOTE: Graphics for reference only.

## Bullet, 1.00", TC30 Series

|   | PART NO.   | CODE NO.     | DESCRIPTION   | APPLICATION   |
|---|------------|--------------|---|---|
|   | 29919      | C31 KM       | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | For soft to hard rock and concrete. Carbide tip (3/8" dia.) provides strength and long tool life. |
|   | 65350198TU | C31 TX       | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | For soft to hard rock and concrete. Carbide tip (3/8" dia.) provides strength and long tool life. |
|   | 2429821    | C32 KM       | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | For drilling most soils and broken or laminated rock.   |
|   | A001370    | RB31HD KM    | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | For drilling most soils and broken or laminated rock.   |
|   | A001377    | RB31SN-FL TX | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | For drilling most soils and broken or laminated rock.   |
|   | A001372    | RB40XHD KM   | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | For drilling most soils and broken or laminated rock.   |
|   | A001399    | RC31XHD,TX   | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | For drilling most soils and broken or laminated rock.   |
|   | A001537    | RC31HD TX    | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | For drilling most soils and broken or laminated rock.   |
|  | 2429228    | TX40HD KM    | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | For drilling most soils and broken or laminated rock.   |

| PART NO.    | DESCRIPTION      | PER BUCKET | LBS EACH | LBS / BUCKET | KGS / BUCKET | PCS / PALLET | LBS / PALLET | KGS / PALLET |
|-------------|------------------|------------|----------|--------------|--------------|--------------|--------------|--------------|
| 29919       | TOOTH,C31        | 25         | 1.06     | 28           | 13           | 1250         | 1375         | 624          |
| ~65350198TU | TOOTH,C31 TX     | 25         | 1.06     | 28           | 13           | 1500         | 1640         | 744          |
| 2429821     | TOOTH,C32        | 25         | 1.08     | 29           | 14           | 1250         | 1400         | 636          |
| *A001370    | TOOTH,RB31HD     | 40         | 1.09     | 46           | 21           | 1600         | 1794         | 814          |
| ~A001377    | TOOTH,RB31SN-FL  | 25         | 1.05     | 28           | 13           | 1500         | 1625         | 738          |
| *A001372    | TOOTH,RB40XHD    | 30         | 1.37     | 43           | 20           | 1200         | 1694         | 769          |
| ~A001399    | TOOTH,RC31XHD,TX | 25         | 1.37     | 36           | 17           | 1500         | 2105         | 955          |
| ~A001537    | TOOTH,RC31HD     | 25         | 1.01     | 27           | 13           | 1500         | 1565         | 710          |
| 2429228     | TOOTH,TX40HD     | 25         | 1.38     | 36           | 17           | 1250         | 1775         | 806          |



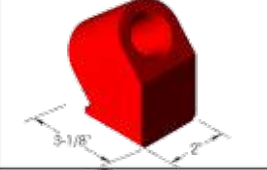
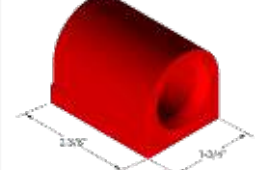

Note: Full pallet of teeth contains 50 buckets (unless otherwise noted)

\*Contains 40 buckets per pallet

~Contains 60 buckets per pallet

NOTE: Graphics for reference only.

## Bullet, 1.00", TC30 Series

|  | PART NO.        | CODE NO.     | DESCRIPTION   | APPLICATION  |              |             |              |              |
|--|-----------------|--------------|---|--|--------------|-------------|--------------|--------------|
|  | 29920           | TX31HDLR KM  | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | For drilling in soft to hard rock and concrete.  |              |             |              |              |
|  | A000695         | U40HD KM     | Heat treated alloy steel body, sharp-nose carbide tip, short retainer | For augering and tunnel boring in extremely hard rock and concrete. Ballistic-style tip provides high impact strength. |              |             |              |              |
|  | 2469176         | C30 TX       | Heavy duty block  | 45° mounting surface, accepts all short retainer teeth. Weld with 7018 or 8018 low-hydrogen rod.                       |              |             |              |              |
|  | A001405         | RC30F TX     | Block used for core barrels.  | For buckets, barrels, and special applications. Weld with 7018 or 8018 low-hydrogen rod.                               |              |             |              |              |
|  | 29947           | C30H/U40H KM | Extra heavy duty block  | 45° mounting surface, Accepts all short retainer and snap ring teeth. Weld with 7018 or 8018 low-hydrogen rod.         |              |             |              |              |
| PART NO.   | DESCRIPTION     | PER BUCKET   | LBS EACH  | LBS / BUCKET   | KGS / BUCKET | PCS/ PALLET | LBS / PALLET | KGS / PALLET |
| 29920  | C30 TX31        | 25           | 1.07  | 29   | 14           | 1250        | 1384         | 628          |
| A000695  | C30 U40HD       | 25           | 1.37  | 36   | 17           | 1250        | 1759         | 798          |
| 2469176  | BLOCK,C30       | 15           | 3.10  | 48   | 22           | 900         | 2840         | 1289         |
| *29947   | BLOCK,C30H/U40H | 8            | 3.95  | 34   | 16           | 400         | 1630         | 740          |
| A001405  | BLOCK,RC30F     | 15           | 1.30  | 21   | 10           | 900         | 1220         | 554          |










Note: Full pallet of teeth contains 60 buckets

\*Contains 50 buckets per pallet

NOTE: Graphics for reference only.



## Bullet, .86", TC87 Series









|  | PART NO.   | CODE NO.      | DESCRIPTION  | APPLICATION  |
|--|------------|---------------|--|--|
|    | 29916      | SM06 KM       | Heat treated alloy steel body, sharp-nose carbide tip, long retainer | For drilling hard rock or concrete. Double-angle tip for maximum impact strength.  |
|    | 29917      | SM02 KM       | Heat treated alloy steel body, sharp-nose carbide tip, long retainer | For asphalt or abrasive applications. Sharp tip for improved penetration.  |
|    | 65356913TU | SM02 TX       | Heat treated alloy steel body, sharp-nose carbide tip, long retainer | For asphalt or abrasive applications. Sharp tip for improved penetration.  |
|    | 2429914    | TX87LR KM     | Heat treated alloy steel body, sharp-nose carbide tip, long retainer | Hard rock or concrete. Sharp tip for improved penetration.   |
|    | 2429915    | C387LR KM     | Heat treated alloy steel body, sharp-nose carbide tip, long retainer | For asphalt or abrasive applications.  |
|   | 29918      | AR150-87LR KM | Heat treated alloy steel body, sharp-nose carbide tip, long retainer | Asphalt and other soft to medium-hard conditions. Carbide edged tool has a 1.50° cutting face width for added block protection. Non-rotating, not self-sharpening. |
|  | 2429966    | AR150-87ST KM | All-hardened steel cutting face                                      | Asphalt and other soft to medium-hard conditions. Carbide edged tool has a 1.50° cutting face width for added block protection. Non-rotating, not self-sharpening. |
|  | 29945      | C87B KM       | Heavy duty block   | 45° mounting surface heavy duty design (has machined step for non-rotating tools). Welded with 7018 or 8018 low-hydrogen rod.                                      |
|  | 29946      | C87HDS KM     | Extra heavy duty block   | 45° mounting surface extra heavy duty design (has machined shoulder in bore to provide extended life). Welded with 7018 or 8018 low-hydrogen rod.                  |

| PART NO.   | DESCRIPTION      | PER BUCKET | LBS EACH | LBS / BUCKET | KGS / BUCKET | PCS PAL-LET | LBS / PALLET | KGS / PALLET |
|------------|------------------|------------|----------|--------------|--------------|-------------|--------------|--------------|
| 29916      | TOOTH,C87 SM06   | 50         | 0.67     | 35           | 16           | 2500        | 1725         | 783          |
| 29917      | TOOTH,C87,SM02   | 50         | 0.66     | 35           | 16           | 2500        | 1700         | 772          |
| 65356913TU | TOOTH,C87,SM02   | 50         | 0.66     | 35           | 16           | 2500        | 1700         | 772          |
| 2429914    | TOOTH,C87LR      | 60         | 0.59     | 37           | 17           | 3000        | 1820         | 826          |
| 2429915    | TOOTH,C87 C387LR | 70         | 0.54     | 39           | 18           | 3500        | 1923         | 873          |
| 29918      | TOOTH,AR15087LR  | 40         | 0.95     | 40           | 19           | 2000        | 1950         | 885          |
| 2429966    | TOOTH,AR15087ST  | 40         | 0.90     | 38           | 18           | 2000        | 1850         | 840          |
| 29945      | BLOCK,C87B       | 40         | 0.95     | 40           | 19           | 2000        | 1950         | 885          |
| 29946      | BLOCK,C87HDS     | 25         | 1.12     | 30           | 14           | 1250        | 1450         | 658          |

Note: Full pallet of teeth contains 50 buckets

NOTE: Graphics for reference only.

## Bullet, Step, TC4 Series

|  | PART NO.  | CODE NO.  | DESCRIPTION   | APPLICATION   |
|--|-----------|-----------|---|---|
|    | **2429926 | C4/U44 KM | Heat treated alloy steel body, sharp-nose carbide tip with A000679 retainer clip    | For large diameter extra heavy duty style augers. Hard Rock conditions.   |
|    | **2429927 | C4-1 KM   | Heat treated alloy steel body, sharp-nose carbide tip with A000679 retainer clip    | For large diameter extra heavy duty style augers; deep cutting applications. Medium Rock conditions.                          |
|    | *A029927  | C41 TX    | Heat treated alloy steel body, sharp-nose carbide tip with 65343300TU retainer clip | For large diameter extra heavy duty style augers.   |
|    | A001532   | RCDS05 TX | Heat treated alloy steel body, sharp-nose carbide tip, long retainer                | For drilling and tunnel boring in the most extreme hard rock and concrete.  |
|    | A000789   | DS05 KM   | Heat treated alloy steel body, sharp-nose carbide tip, long retainer                | For drilling and tunnel boring in the most extreme hard rock and concrete.  |
|    | **2429930 | C7 KM     | Heat treated alloy steel body, sharp-nose carbide tip with A000679 retainer clip    | For most cutting conditions. No collar.   |
|   | *A001402  | RC4SSF TX | Heat treated alloy steel body, sharp-nose carbide tip with 65343300TU retainer clip | For drilling in soft to medium-hard abrasive cutting conditions. Snap ring attached.  |
|  | *A001401  | RC4LSF TX | Heat treated alloy steel body, sharp-nose carbide tip with 65343300TU retainer clip | For medium to hard drilling conditions with added collar to prevent material from entering block and stopping tooth rotation. |

| PART NO.   | DESCRIPTION  | PER BUCKET | LBS EACH | LBS / BUCKET | KGS / BUCKET | PCS / PALLET | LBS / PALLET | KGS / PALLET |
|------------|--------------|------------|----------|--------------|--------------|--------------|--------------|--------------|
| **A029927  | TOOTH,C41    | 15         | 2.58     | 41           | 19           | 900          | 2372         | 1076         |
| ~*2429926  | TOOTH,C4     | 15         | 2.10     | 33           | 15           | 750          | 1625         | 738          |
| ~**2429927 | TOOTH, C4-1  | 15         | 2.60     | 41           | 19           | 750          | 2000         | 908          |
| A001532    | TOOTH,RCDS05 | 15         | 2.52     | 40           | 19           | 900          | 2318         | 1052         |
| ~A000789   | TOOTH,DS05   | 12         | 2.52     | 32           | 15           | 600          | 1562         | 709          |
| ~**2429930 | TOOTH,C7     | 15         | 2.30     | 36           | 17           | 750          | 1775         | 806          |
| *A001402   | TOOTH,RC4SSF | 10         | 2.54     | 27           | 13           | 600          | 1574         | 714          |
| *A001401   | TOOTH,RC4LSF | 10         | 3.09     | 33           | 15           | 600          | 1904         | 864          |

Notes: Full pallet of teeth contains 60 buckets

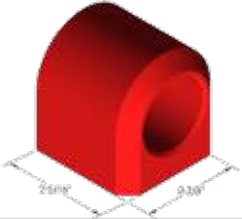
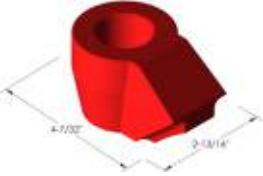


~Contains 50 buckets per pallet

\*These teeth come with A000679 snap ring (pliers PN A000752 / disposable pliers PN A000137)

\*\*Retainer clip PN 65343300TU (push-on style).

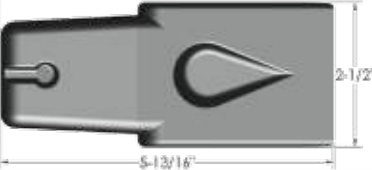
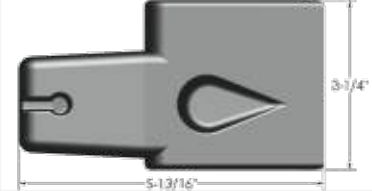


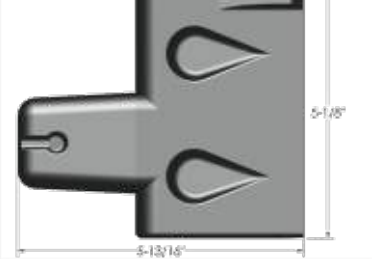
NOTE: Graphics for reference only.

## Bullet, Step, TC4 Series

|   | PART NO.      | CODE NO.      | DESCRIPTION   | APPLICATION   |              |             |              |              |
|---|---------------|---------------|---|---|--------------|-------------|--------------|--------------|
|  | A001406       | RC4F TX       | Heavy duty block with mounting surface parallel to tooth axis | For buckets, barrels, and special applications. Welded with 7018 or 8018 low-hydrogen rod.                      |              |             |              |              |
|  | 70796         | RC4 TX        | Heavy duty block;   | 45° mounting surface heavy duty design accepts all step shank tools. Welded with 7018 or 8018 low-hydrogen rod. |              |             |              |              |
|  | A000679       | Snap Ring     | C4 Teeth Snap Ring  |   |              |             |              |              |
|  | 65343300TU    | Retainer Clip | Push on Retainer Clip   |   |              |             |              |              |
| PART NO.  | DESCRIPTION   | PER BUCKET    | LBS EACH  | LBS / BUCKET  | KGS / BUCKET | PCS PAL-LET | LBS / PALLET | KGS / PALLET |
| 70796   | BLOCK, RC4    | 10            | 3.60  | 38  | 18           | 600         | 2210         | 1003         |
| A001406   | BLOCK, RC4F   | 8             | 2.43  | 21  | 10           | 480         | 1217         | 553          |
| A000679   | Snap Ring     |               |   |   |              |             |              |              |
| 65343300  | Retainer Clip |               |   |   |              |             |              |              |

NOTE: Graphics for reference only.

## Taper-Fit Series

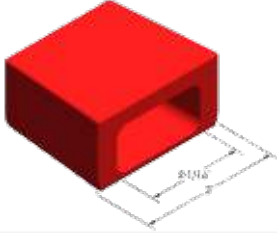


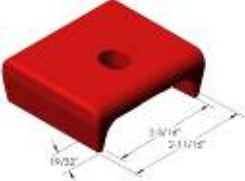
|   | PART NO. | CODE NO. | DESCRIPTION   | APPLICATION  |
|---|----------|----------|---|--|
|   | 2429817  | 201 TX   | Heat-treated dirt tooth regular gauge                       | Normal dirt digging situations.                              |
|   | 2429450  | 211 TX   | Heat-treated dirt tooth outside gauge tooth                 | Outside tooth for normal dirt digging situations.            |
|   | 2429888  | TK225 TX | Four tip conical carbide 1/2" thick. Brazed conical carbide | Rock cutting tooth heat treated for strength and durability. |
|   | 2429436  | TX212 TX | TX212 carbide tooth   | Fits W05 block.  |
|  | V005053  | 134 TX   | Dirt tooth, extra-wide 5"                                   | Normal dirt digging situations.                              |

| PART NO. | DESCRIPTION    | PER BUCKET | LBS EACH | LBS / BUCKET | KGS / BUCKET | PCS/ PALLET | LBS / PALLET | KGS / PALLET |
|----------|----------------|------------|----------|--------------|--------------|-------------|--------------|--------------|
| 2429817  | TOOTH,DIRT,201 | 20         | 2.38     | 50           | 23           | 1200        | 2906         | 1319         |
| 2429450  | TOOTH,DIRT,211 | 15         | 2.40     | 38           | 18           | 900         | 2210         | 1003         |
| 2429888  | TOOTH,TK225    | 15         | 2.72     | 43           | 20           | 900         | 2498         | 1134         |
| 2429436  | TOOTH,TX212    | 15         | 2.55     | 40           | 19           | 900         | 2345         | 1064         |
| V005053  | TOOTH,DIRT,134 | 10         | 3.64     | 38           | 18           | 600         | 2234         | 1014         |

Note: 1. These teeth use horseshoe nails (A000010) or rubberlock (A001277)  
 2. Full pallet of teeth contains 60 buckets

NOTE: Graphics for reference only.

## Taper-Fit Series









|  | PART NO.       | CODE NO.   | DESCRIPTION                           | APPLICATION  |
|--|----------------|------------|---------------------------------------|--|
|   | <b>A001407</b> | RST200P TX | Block                                 | For all Taper-Fit Series teeth. Welded with 7018 or 8018 low-hydrogen rod.           |
|   | <b>A000858</b> | W05 TX     | Block                                 | For all Taper-Fit Series teeth. Welded with 7018 or 8018 low-hydrogen rod.           |
|   | <b>11376</b>   | T101 TX    | Heat-treated dirt tooth regular gauge | Normal dirt digging situations.  |
|  | <b>11370</b>   | T02 TX     | Dirt 101 block                        | Flat half pocket that accepts T101 tooth. Welded with 7018 or 8018 low-hydrogen rod. |

| PART NO. | DESCRIPTION   | PER BUCKET | LBS EACH | LBS / BUCKET | KGS / BUCKET | PCS/ PALLET | LBS / PALLET | KGS / PALLET |
|----------|---------------|------------|----------|--------------|--------------|-------------|--------------|--------------|
| A001407  | BLOCK,RST200P | 15         | 1.85     | 30           | 14           | 900         | 1715         | 778          |
| A000858  | BLOCK,W05 HD  | 10         | 3.25     | 34           | 16           | 600         | 2000         | 908          |
| 11376    | TOOTH,T101    | 25         | 1.05     | 28           | 13           | 1500        | 1625         | 738          |
| 11370    | BLOCK,T02     | 50         | 0.78     | 41           | 19           | 3000        | 2390         | 1085         |

- Notes: 1. These teeth use horseshoe nails (A000010) or rubberlock (A001277)  
 2. Full pallet of teeth contains 60 buckets

NOTE: Graphics for reference only.

## Core Barrel Teeth & Blocks

|   | PART NO.                      | CODE NO.    | DESCRIPTION                          | APPLICATION   |
|---|-------------------------------|-------------|--------------------------------------|---|
|    | A129932                       | RJC2 TX     | Tooth,RJC2 (center)                  | For high penetration in hard-rock core barrel applications.   |
|    | A001403                       | RJR2 TX     | Tooth,RJR2 (right)                   | For high penetration in hard-rock core barrel applications.   |
|    | A001409                       | RJL2 TX     | Tooth,RJL2 (left)                    | For high penetration in hard-rock core barrel applications.   |
|    | 2496804                       | RJ2 TX      | Block,RJ2                            | Accepts RJ2 teeth only. Welded with 7018 or 8018 low-hydrogen rod.                                  |
|    | 2429457                       | TXCB10 TX   | Tooth,TXCB10                         | For high penetration in hard rock core-barrel applications.   |
|    | 2429471                       | TXH10 TX    | Block,TXH10                          | Accepts TXCB10 teeth only. Welded with 7018 or 8018 low-hydrogen rod.                               |
|   | 2429933                       | U7L/CU7L TX | Tooth,TU7                            | For high penetration in hard-rock core barrel applications. This tooth is welded on to core barrel. |
|  | A000390<br>A000388<br>A000378 | HEX TEETH   | 3/4" HEX<br>1-1/8" HEX<br>1-3/4" HEX | Excellent for coring through reinforced concrete (rebar).   |

| PART NO.  | DESCRIPTION    | PER BUCKET | LBS EACH | LBS / BUCKET | KGS / BUCKET | PCS/ PALLET | LBS / PALLET | KGS / PALLET |
|-----------|----------------|------------|----------|--------------|--------------|-------------|--------------|--------------|
| A129932   | TOOTH,RJC2     | 50         | 0.60     | 32           | 15           | 3000        | 1850         | 840          |
| A001403   | TOOTH,RJR2     | 50         | 0.66     | 35           | 16           | 3000        | 2030         | 921          |
| A001409   | TOOTH,RJL2     | 50         | 0.65     | 34           | 16           | 3000        | 2000         | 908          |
| 2496804   | BLOCK,RJ2      | 50         | 0.52     | 28           | 13           | 3000        | 1610         | 731          |
| *2429457  | TOOTH,TXCB10   | 100        | 0.25     | 27           | 13           | 5000        | 1300         | 590          |
| 2429471   | BLOCK,TXH10    | 100        | 0.21     | 23           | 11           | 6000        | 1310         | 595          |
| *2429933  | TOOTH,U7L/CU7L | 50         | 0.57     | 30           | 14           | 2500        | 1475         | 670          |
| HEX TEETH | SEE NOTE BELOW |            |          |              |              |             |              |              |

Notes: 1. Right Hand, Left Hand, & Center tooth combination works well in reinforced rebar concrete situations.

2. All include roll pin 2443223 except 2429933







3. Full pallet of teeth contains 60 buckets unless otherwise noted.

4. Hex teeth (PN's A000378, A000388, & A000390) are sold individually.

\*Contains 50 buckets per pallet

NOTE: Graphics for reference only.

## Bucket Style Teeth

|   | PART NO.               | CODE NO.               | APPLICATION  |
|---|------------------------|------------------------|--|
|    | 65340659<br>65351918TU | X156,STD               | General conditions.                                |
|    | 65352011TU             | X156F,GAUGE            | General conditions.                                |
|    | 65351919TU<br>65340660 | TIGER,X156             | Hard penetration such as frost or semi-hard soils. |
|    | 65354108TU             | X156TW,TWIN<br>TIGER   | Hard penetration such as frost or semi-hard soils. |
|   | 65352070TU             | X156,CARBIDE           | Hard penetration such as frost or semi-hard soils. |
|  | 65352071TU             | X156F,CARBIDE<br>GAUGE | Hard penetration such as frost or semi-hard soils. |

| PART NO.   | CODE                      | PER BUCKET | LBS EACH | LBS / BUCKET | KGS / BUCKET | PCS/ PALLET | LBS / PALLET | KGS / PALLET |
|------------|---------------------------|------------|----------|--------------|--------------|-------------|--------------|--------------|
| 65340659   | TOOTH,X156,STD/C          | 15         | 1.35     | 22           | 10           | 900         | 1265         | 574          |
| 65351918TU | TOOTH,X156,STD/F          | 15         | 1.35     | 22           | 10           | 900         | 1265         | 574          |
| 65352011TU | TOOTH,X156F,GAUGE         | 20         | 1.82     | 36           | 16           | 1200        | 2184         | 991          |
| 65340660   | TOOTH,TIGER,X156/C        | 15         | 1.95     | 31           | 15           | 900         | 1805         | 819          |
| 65351919TU | TOOTH,TIGER,X156/F        | 15         | 1.95     | 31           | 15           | 900         | 1805         | 819          |
| 65354108TU | TOOTH,X156TW,TWIN TIGER   | 15         | 2.05     | 33           | 15           | 900         | 1895         | 860          |
| 65352070TU | TOOTH,X156,CARBIDE        | 20         | 2.25     | 45           | 21           | 1200        | 2700         | 1225         |
| 65352071TU | TOOTH,X156F,CARBIDE GAUGE | 15         | 2.86     | 45           | 21           | 900         | 2624         | 1191         |

**Note:**



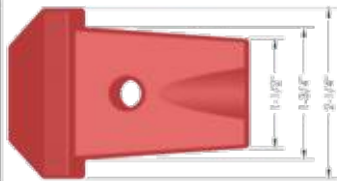
When a forge option is available, this is the standard and is listed above the cast item number.

All teeth include require roll pin 13347TU

Full pallet of teeth contains 60 buckets

NOTE: Graphics for reference only.

## Bucket Style Teeth

|   | PART NO.   | CODE NO.            | APPLICATION  |
|---|------------|---------------------|--|
|  | 65353900TU | BCKT C10<br>RCHDS/C | Fractured and non-fractured materials, frozen soils, and abrasive materials.<br><br>Replaceable C10 tooth, PN 65350265TU |
|  | 65354106TU | BCKT C10<br>GAUGE/C | Fractured and non-fractured materials, frozen soils, and abrasive materials.<br><br>Replaceable C10 tooth, PN 65350265TU |
|   | 65342161TU | WELD ON, 2"         | Use with bucket style teeth. Weld with 7018 or 8018 low-hydrogen rod.  |

| PART NO.   | DESCRIPTION            | PER BUCKET | LBS EACH | LBS / BUCKET | KGS / BUCKET | PCS/ PALLET | LBS / PALLET | KGS / PALLET |
|------------|------------------------|------------|----------|--------------|--------------|-------------|--------------|--------------|
| 65353900TU | BULLET,C10,RCHDS       | 15         | 3.25     | 51           | 24           | 900         | 2975         | 1350         |
| 65354106TU | BULLET,GAUGE,C10,RCHDS | 15         | 3.73     | 58           | 27           | 900         | 3407         | 1546         |
| 65342161TU | ADPT,NOSE,X156,2"      | 20         | 1.85     | 37           | 17           | 1200        | 2220         | 1007         |

Note: All these teeth require roll pin 13347TU  
Full pallet of teeth contains 60 buckets













NOTE: Graphics for reference only.



|   | PART NO.   | CODE NO. | DESCRIPTION                                     | APPLICATION                                       |
|---|------------|----------|---|---|
|  | 65356802TU | PIN      | PIN, 5/8" OD, 6" USEABLE LENGTH, W/ LYNCH PIN   | For use on units with hollow kelly bar.           |
|  | 65351046TU | PIN      | PIN, 3/4" OD, 6" USEABLE LENGTH, W/ LYNCH PIN   | For use on units with solid kelly bar.            |
|  | 65349080TU | PIN      | PIN, 1" OD, 8-1/2" USEABLE LENGTH, W/ LYNCH PIN | Use with 4" kelly box & smaller and 6" kelly box. |

NOTE: Graphics for reference only.

## Tooth Removal/Installation Tools

|   | PART NO.   | CODE NO.   | DESCRIPTION                        | APPLICATION   |
|---|------------|------------|------------------------------------|---|
|    | 29937      | C123HP,C10 | Puller, C123HP, C10,Green          | For C10 series (.765 shank) bullet teeth & C87 teeth.   |
|    | 2429952    | C20HP      | Puller, C20HP,Black                | For C20 series (.735 shank) bullet teeth.   |
|    | 2429953    | C30HP      | Puller, C30HP,Blue                 | For C30 series (.99 shank) bullet teeth.  |
|    | 65346865TU | C40        | Puller, DS                         | For removing C4 series step shank teeth with collars and DS teeth.  |
|    | A001388    | K150       | Puller, K150,Black                 | For removing C4 series step shank teeth with collars and DS teeth.  |
|    | A000127    | KHP2       | Hammer punch, KHP2                 | For removal of most bullet series teeth. Hardened tip provides long life. Used in conjunction with a hammer.                      |
|   | A000355    | KAHP1      | Air hammer punch, KAHP1            | For removal of most bullet series teeth. Hardened tip provides long life. Fits all light-duty air-hammer guns with a .395" chuck. |
|  | 65343293TU |            | Hammer punch,1/2"                  | For removal of conical tools from blocks. Use with TC10 & TC20 teeth.   |
|  | 65343294TU |            | Hammer punch,3/4"                  | For removal of conical tools from blocks. Use with TC4, TC30, & TC87 Teeth.   |
|  | A000752    | KRP1       | Pliers, KRP1, w/replaceable tips   | For removal of snap ring, C4.   |
|  | A000137    | KRP4       | Pliers, KRP4, non-replaceable tips | For removal of snap ring, C4.   |
|  | A000186    |            | Replaceable tips                   | For KRP1 pliers.  |

NOTE: Graphics for reference only.