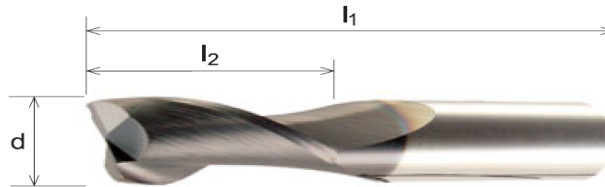


CAPITAL

CUTTING TOOLS



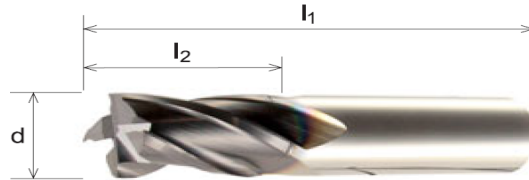
CARBIDE SLOT DRILLS - TiCN COATED

MICRO-GRAIN CARBIDE - CNC GROUND

| Code | Size | l ₂ | l ₁ | \$ ea. | Code | Size | l ₂ | l ₁ | \$ ea. |
|---------|-------|----------------|----------------|---------------|---------|-------|----------------|----------------|---------------|
| TCSD615 | 3.0 | 9 | 39 | 32.71 | TCSD645 | 3/8 | 21 | 68 | 80.11 |
| TCSD616 | 1/8 | 9 | 39 | 30.36 | TCSD647 | 10.0 | 22 | 76 | 98.14 |
| TCSD617 | 3.5 | 9 | 39 | 39.03 | TCSD648 | 13/32 | 22 | 76 | 137.98 |
| TCSD619 | 5/32 | 14 | 51 | 59.58 | TCSD649 | 10.5 | 22 | 76 | 112.22 |
| TCSD620 | 4.0 | 14 | 51 | 39.03 | TCSD651 | 11.0 | 22 | 76 | 112.22 |
| TCSD622 | 4.5 | 14 | 51 | 45.40 | TCSD652 | 7/16 | 22 | 76 | 102.13 |
| TCSD623 | 3/16 | 16 | 51 | 41.71 | TCSD653 | 11.5 | 22 | 76 | 119.23 |
| TCSD624 | 5.0 | 16 | 51 | 45.40 | TCSD655 | 15/32 | 25 | 76 | 161.97 |
| TCSD626 | 5.5 | 16 | 51 | 56.23 | TCSD656 | 12.0 | 25 | 76 | 119.23 |
| TCSD627 | 7/32 | 16 | 51 | 77.81 | TCSD658 | 12.5 | 25 | 76 | 165.96 |
| TCSD629 | 6.0 | 19 | 51 | 56.23 | TCSD659 | 1/2 | 25 | 76 | 123.03 |
| TCSD630 | 1/4 | 19 | 51 | 51.22 | TCSD660 | 13.0 | 25 | 76 | 187.97 |
| TCSD631 | 6.5 | 19 | 51 | 62.27 | TCSD661 | 13.5 | 25 | 76 | 207.96 |
| TCSD633 | 7.0 | 19 | 51 | 62.27 | TCSD662 | 14.0 | 30 | 89 | 207.96 |
| TCSD634 | 9/32 | 21 | 63 | 95.58 | TCSD663 | 9/16 | 30 | 89 | 176.53 |
| TCSD636 | 7.5 | 21 | 63 | 68.61 | TCSD664 | 5/8 | 30 | 89 | 201.25 |
| TCSD637 | 5/16 | 21 | 63 | 62.27 | TCSD665 | 16.0 | 32 | 89 | 245.55 |
| TCSD638 | 8.0 | 21 | 63 | 68.61 | TCSD667 | 18.0 | 35 | 102 | 375.93 |
| TCSD640 | 8.5 | 21 | 63 | 111.79 | TCSD668 | 3/4 | 35 | 102 | 415.92 |
| TCSD641 | 11/32 | 21 | 63 | 114.58 | TCSD669 | 20.0 | 38 | 102 | 435.92 |
| TCSD642 | 9.0 | 21 | 68 | 87.79 | TCSD670 | 22.0 | 38 | 102 | 515.29 |
| TCSD644 | 9.5 | 21 | 68 | 98.14 | TCSD671 | 25.0 | 38 | 102 | 716.24 |

CAPITAL

CUTTING TOOLS



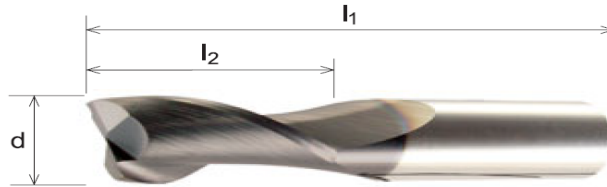
CARBIDE END MILLS - TiCN COATED

MICRO-GRAIN CARBIDE - CNC GROUND

| Code | Size | l ₂ | l ₁ | \$ ea. | Code | Size | l ₂ | l ₁ | \$ ea. |
|---------|-------|----------------|----------------|---------------|---------|-------|----------------|----------------|---------------|
| TCSE615 | 3.0 | 9 | 39 | 32.71 | TCSE645 | 3/8 | 21 | 68 | 80.11 |
| TCSE616 | 1/8 | 9 | 39 | 30.36 | TCSE647 | 10.0 | 22 | 76 | 98.14 |
| TCSE617 | 3.5 | 9 | 39 | 39.03 | TCSE648 | 13/32 | 22 | 76 | 137.98 |
| TCSE619 | 5/32 | 14 | 51 | 59.58 | TCSE649 | 10.5 | 22 | 76 | 112.22 |
| TCSE620 | 4.0 | 14 | 51 | 39.03 | TCSE651 | 11.0 | 22 | 76 | 112.22 |
| TCSE622 | 4.5 | 14 | 51 | 45.40 | TCSE652 | 7/16 | 22 | 76 | 102.13 |
| TCSE623 | 3/16 | 16 | 51 | 41.71 | TCSE653 | 11.5 | 22 | 76 | 119.23 |
| TCSE624 | 5.0 | 16 | 51 | 45.40 | TCSE655 | 15/32 | 25 | 76 | 161.97 |
| TCSE626 | 5.5 | 16 | 51 | 56.23 | TCSE656 | 12.0 | 25 | 76 | 119.23 |
| TCSE627 | 7/32 | 16 | 51 | 77.81 | TCSE658 | 12.5 | 25 | 76 | 165.96 |
| TCSE629 | 6.0 | 19 | 51 | 56.23 | TCSE659 | 1/2 | 25 | 76 | 123.03 |
| TCSE630 | 1/4 | 19 | 51 | 51.22 | TCSE660 | 13.0 | 25 | 76 | 187.97 |
| TCSE631 | 6.5 | 19 | 51 | 62.27 | TCSE661 | 13.5 | 25 | 76 | 207.96 |
| TCSE633 | 7.0 | 19 | 51 | 62.27 | TCSE662 | 14.0 | 30 | 89 | 207.96 |
| TCSE634 | 9/32 | 21 | 63 | 95.58 | TCSE663 | 9/16 | 30 | 89 | 176.53 |
| TCSE636 | 7.5 | 21 | 63 | 68.61 | TCSE664 | 5/8 | 30 | 89 | 201.25 |
| TCSE637 | 5/16 | 21 | 63 | 62.27 | TCSE665 | 16.0 | 32 | 89 | 245.55 |
| TCSE638 | 8.0 | 21 | 63 | 68.61 | TCSE667 | 18.0 | 35 | 102 | 375.93 |
| TCSE640 | 8.5 | 21 | 63 | 111.79 | TCSE668 | 3/4 | 35 | 102 | 415.92 |
| TCSE641 | 11/32 | 21 | 63 | 114.58 | TCSE669 | 20.0 | 38 | 102 | 435.92 |
| TCSE642 | 9.0 | 21 | 68 | 87.79 | TCSE670 | 22.0 | 38 | 102 | 515.29 |
| TCSE644 | 9.5 | 21 | 68 | 98.14 | TCSE671 | 25.0 | 38 | 102 | 716.24 |

CAPITAL

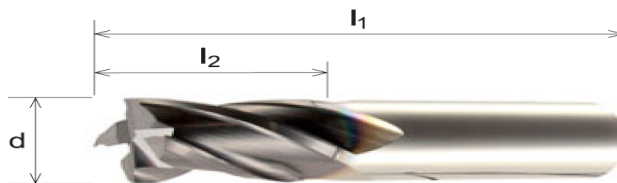
CUTTING TOOLS



CARBIDE LONG SERIES SLOT DRILLS - TiCN COATED

MICRO-GRAIN CARBIDE - CNC GROUND

| Code | Size | l ₂ | l ₁ | \$ ea. | Code | Size | l ₂ | l ₁ | \$ ea. |
|---------|------|----------------|----------------|---------------|---------|------|----------------|----------------|---------------|
| CSLT615 | 3.0 | 19 | 57 | 63.48 | CSLT652 | 7/16 | 51 | 102 | 172.12 |
| CSLT616 | 1/8 | 19 | 57 | 63.50 | CSLT656 | 12.0 | 51 | 102 | 202.72 |
| CSLT620 | 4.0 | 19 | 57 | 68.06 | CSLT659 | 1/2 | 51 | 102 | 202.72 |
| CSLT623 | 3/16 | 25 | 64 | 73.40 | CSLT662 | 14.0 | 57 | 127 | 288.55 |
| CSLT624 | 5.0 | 25 | 64 | 73.75 | CSLT663 | 9/16 | 57 | 127 | 331.98 |
| CSLT629 | 6.0 | 28 | 76 | 81.86 | CSLT664 | 5/8 | 57 | 127 | 371.75 |
| CSLT630 | 1/4 | 28 | 76 | 82.02 | CSLT665 | 16.0 | 57 | 127 | 372.50 |
| CSLT637 | 5/16 | 29 | 76 | 109.79 | CSLT667 | 18.0 | 57 | 127 | 452.70 |
| CSLT638 | 8.0 | 29 | 76 | 109.81 | CSLT668 | 3/4 | 57 | 127 | 464.18 |
| CSLT645 | 3/8 | 32 | 102 | 129.32 | CSLT669 | 20.0 | 57 | 127 | 523.72 |
| CSLT647 | 10.0 | 32 | 102 | 145.25 | | | | | |



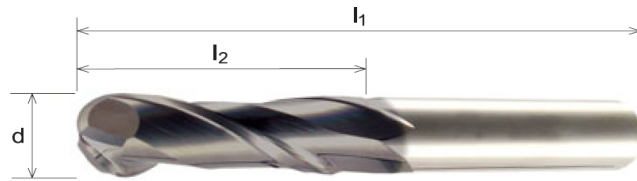
CARBIDE LONG SERIES END MILLS - TiCN COATED

MICRO-GRAIN CARBIDE - CNC GROUND

| Code | Size | l ₂ | l ₁ | \$ ea. | Code | Size | l ₂ | l ₁ | \$ ea. |
|----------|------|----------------|----------------|---------------|----------|------|----------------|----------------|---------------|
| LSTCE615 | 3.0 | 19 | 57 | 63.48 | LSTCE652 | 7/16 | 51 | 102 | 172.12 |
| LSTCE616 | 1/8 | 19 | 57 | 63.50 | LSTCE656 | 12.0 | 51 | 102 | 202.72 |
| LSTCE620 | 4.0 | 19 | 57 | 68.06 | LSTCE659 | 1/2 | 51 | 102 | 202.72 |
| LSTCE623 | 3/16 | 25 | 64 | 73.40 | LSTCE662 | 14.0 | 57 | 127 | 288.55 |
| LSTCE624 | 5.0 | 25 | 64 | 73.75 | LSTCE663 | 9/16 | 57 | 127 | 331.98 |
| LSTCE629 | 6.0 | 28 | 76 | 81.86 | LSTCE664 | 5/8 | 57 | 127 | 371.75 |
| LSTCE630 | 1/4 | 28 | 76 | 82.02 | LSTCE665 | 16.0 | 57 | 127 | 372.50 |
| LSTCE637 | 5/16 | 29 | 76 | 109.79 | LSTCE667 | 18.0 | 57 | 127 | 452.70 |
| LSTCE638 | 8.0 | 29 | 76 | 109.81 | LSTCE668 | 3/4 | 57 | 127 | 464.18 |
| LSTCE645 | 3/8 | 32 | 102 | 129.32 | LSTCE669 | 20.0 | 57 | 127 | 523.72 |
| LSTCE647 | 10.0 | 32 | 102 | 145.25 | | | | | |

CAPITAL

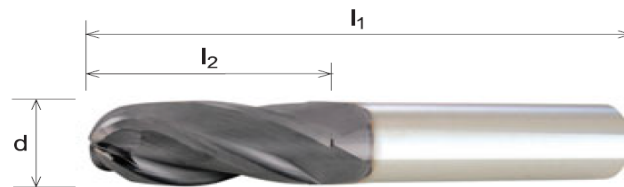
CUTTING TOOLS



CARBIDE BALL NOSE SLOT DRILLS - TiCN COATED

MICRO-GRAIN CARBIDE - CNC GROUND

| Code | Size | l ₂ | l ₁ | \$ ea. | Code | Size | l ₂ | l ₁ | \$ ea. |
|----------|------|----------------|----------------|---------------|----------|------|----------------|----------------|---------------|
| TCSSB615 | 3.0 | 9 | 39 | 38.91 | TCSSB647 | 10.0 | 22 | 76 | 116.42 |
| TCSSB616 | 1/8 | 9 | 39 | 39.79 | TCSSB652 | 7/16 | 22 | 76 | 128.17 |
| TCSSB620 | 4.0 | 14 | 51 | 46.92 | TCSSB656 | 12.0 | 25 | 76 | 141.42 |
| TCSSB623 | 3/16 | 16 | 51 | 47.59 | TCSSB659 | 1/2 | 25 | 76 | 144.58 |
| TCSSB624 | 5.0 | 16 | 51 | 54.96 | TCSSB662 | 14.0 | 30 | 89 | 248.81 |
| TCSSB629 | 6.0 | 19 | 51 | 69.14 | TCSSB663 | 9/16 | 30 | 89 | 253.36 |
| TCSSB630 | 1/4 | 19 | 51 | 67.79 | TCSSB664 | 5/8 | 30 | 89 | 297.14 |
| TCSSB637 | 5/16 | 21 | 63 | 83.19 | TCSSB665 | 16.0 | 32 | 89 | 292.09 |
| TCSSB638 | 8.0 | 21 | 63 | 81.65 | TCSSB667 | 18.0 | 35 | 102 | 435.07 |
| TCSSB640 | 9.0 | 21 | 63 | 91.33 | TCSSB668 | 3/4 | 35 | 102 | 465.91 |
| TCSSB645 | 3/8 | 21 | 68 | 114.58 | TCSSB669 | 20.0 | 38 | 102 | 520.00 |



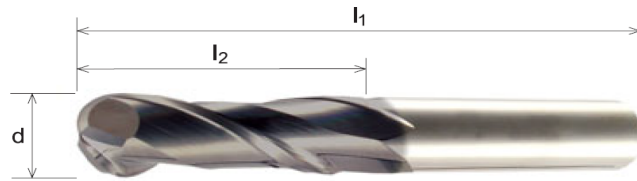
CARBIDE BALL NOSE END MILLS - TiCN COATED

MICRO-GRAIN CARBIDE - CNC GROUND

| Code | Size | l ₂ | l ₁ | \$ ea. | Code | Size | l ₂ | l ₁ | \$ ea. |
|---------|------|----------------|----------------|---------------|---------|------|----------------|----------------|---------------|
| TCEB615 | 3.0 | 9 | 39 | 38.90 | TCEB652 | 7/16 | 22 | 76 | 128.17 |
| TCEB616 | 1/8 | 9 | 39 | 39.80 | TCEB656 | 12.0 | 25 | 76 | 141.41 |
| TCEB620 | 4.0 | 14 | 51 | 46.92 | TCEB659 | 1/2 | 25 | 76 | 144.58 |
| TCEB623 | 3/16 | 16 | 51 | 47.59 | TCEB662 | 14.0 | 30 | 89 | 248.81 |
| TCEB624 | 5.0 | 16 | 51 | 54.95 | TCEB663 | 9/16 | 30 | 89 | 253.36 |
| TCEB629 | 6.0 | 19 | 51 | 69.13 | TCEB664 | 5/8 | 30 | 89 | 297.14 |
| TCEB630 | 1/4 | 19 | 51 | 67.79 | TCEB665 | 16.0 | 32 | 89 | 292.09 |
| TCEB637 | 5/16 | 21 | 63 | 83.19 | TCEB667 | 18.0 | 35 | 102 | 435.07 |
| TCEB638 | 8.0 | 21 | 63 | 81.65 | TCEB668 | 3/4 | 35 | 102 | 465.91 |
| TCEB645 | 3/8 | 21 | 68 | 114.58 | TCEB669 | 20.0 | 38 | 102 | 520.00 |
| TCEB647 | 10.0 | 22 | 76 | 116.42 | | | | | |

CAPITAL

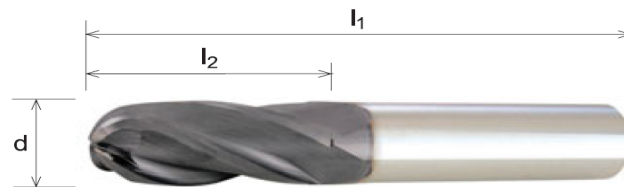
CUTTING TOOLS



CARBIDE LONG SERIES BALL NOSE SLOT DRILLS - TiCN COATED

MICRO-GRAIN CARBIDE - CNC GROUND

| Code | Size | l ₂ | l ₁ | \$ ea. | Code | Size | l ₂ | l ₁ | \$ ea. |
|----------|------|----------------|----------------|---------------|----------|------|----------------|----------------|---------------|
| LECSB615 | 3.0 | 19 | 57 | 69.71 | LECSB652 | 7/16 | 51 | 102 | 204.02 |
| LECSB616 | 1/8 | 19 | 57 | 67.89 | LECSB656 | 12.0 | 51 | 102 | 224.91 |
| LECSB620 | 4.0 | 19 | 57 | 75.95 | LECSB659 | 1/2 | 51 | 102 | 232.72 |
| LECSB623 | 3/16 | 25 | 64 | 83.31 | LECSB662 | 14.0 | 57 | 127 | 330.05 |
| LECSB624 | 5.0 | 25 | 64 | 83.31 | LECSB663 | 9/16 | 57 | 127 | 371.18 |
| LECSB629 | 6.0 | 28 | 76 | 94.77 | LECSB664 | 5/8 | 57 | 127 | 424.32 |
| LECSB630 | 1/4 | 28 | 76 | 98.91 | LECSB665 | 16.0 | 57 | 127 | 421.22 |
| LECSB637 | 5/16 | 29 | 76 | 131.07 | LECSB667 | 18.0 | 57 | 127 | 527.49 |
| LECSB638 | 8.0 | 29 | 76 | 122.85 | LECSB668 | 3/4 | 57 | 127 | 548.57 |
| LECSB645 | 3/8 | 32 | 102 | 162.70 | LECSB669 | 20.0 | 57 | 127 | 615.14 |
| LECSB647 | 10.0 | 32 | 102 | 163.53 | | | | | |



CARBIDE LONG SERIES BALL NOSE END MILLS - TiCN COATED

MICRO-GRAIN CARBIDE - CNC GROUND

| Code | Size | l ₂ | l ₁ | \$ ea. | Code | Size | l ₂ | l ₁ | \$ ea. |
|----------|------|----------------|----------------|---------------|----------|------|----------------|----------------|---------------|
| LTCEB615 | 3.0 | 19 | 57 | 69.71 | LTCEB652 | 7/16 | 51 | 102 | 204.02 |
| LTCEB616 | 1/8 | 19 | 57 | 67.89 | LTCEB656 | 12.0 | 51 | 102 | 224.90 |
| LTCEB620 | 4.0 | 19 | 57 | 75.95 | LTCEB659 | 1/2 | 51 | 102 | 232.73 |
| LTCEB623 | 3/16 | 25 | 64 | 83.32 | LTCEB662 | 14.0 | 57 | 127 | 329.41 |
| LTCEB624 | 5.0 | 25 | 64 | 83.32 | LTCEB663 | 9/16 | 57 | 127 | 371.17 |
| LTCEB629 | 6.0 | 28 | 76 | 94.77 | LTCEB664 | 5/8 | 57 | 127 | 424.32 |
| LTCEB630 | 1/4 | 28 | 76 | 98.90 | LTCEB665 | 16.0 | 57 | 127 | 421.21 |
| LTCEB637 | 5/16 | 29 | 76 | 131.08 | LTCEB667 | 18.0 | 57 | 127 | 527.49 |
| LTCEB638 | 8.0 | 29 | 76 | 122.84 | LTCEB668 | 3/4 | 57 | 127 | 548.57 |
| LTCEB645 | 3/8 | 32 | 102 | 162.70 | LTCEB669 | 20.0 | 57 | 127 | 615.15 |
| LTCEB647 | 10.0 | 32 | 102 | 163.53 | | | | | |



CARBIDE SLOT DRILL SETS - TiCN COATED

| Code | Sizes | \$ ea. |
|-----------|------------------------------------|--------|
| CSDS-0412 | M4, M5, M6, M8, M10, M12 | 358.93 |
| CSDS-0416 | M4, M5, M6, M8, M10, M12, M16 | 443.96 |
| CSDS-0420 | M4, M5, M6, M8, M10, M12, M16, M20 | 638.57 |

CARBIDE END MILL SETS - TiCN COATED

| Code | Sizes | \$ ea. |
|-----------|------------------------------------|--------|
| CEMS-0412 | M4, M5, M6, M8, M10, M12 | 358.93 |
| CEMS-0416 | M4, M5, M6, M8, M10, M12, M16 | 443.96 |
| CEMS-0420 | M4, M5, M6, M8, M10, M12, M16, M20 | 638.57 |

CARBIDE BALL NOSE SLOT DRILL SETS - TiCN COATED

| Code | Sizes | \$ ea. |
|-------------|------------------------------------|--------|
| CBNSDS-0412 | M4, M5, M6, M8, M10, M12 | 462.20 |
| CBNSDS-0416 | M4, M5, M6, M8, M10, M12, M16 | 535.18 |
| CBNSDS-0420 | M4, M5, M6, M8, M10, M12, M16, M20 | 778.44 |

CARBIDE SETS INCLUDE 2 EACH OF M4, M5 & M6, AND 1 OF EACH REMAINING SIZE LISTED ABOVE