

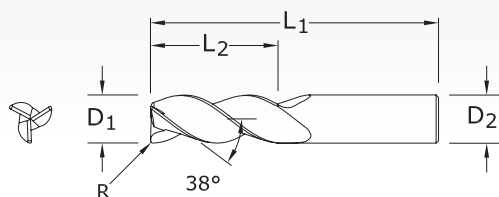
S-Carb End Mills



43CR

FRACTIONAL SERIES

TECH INFO 71



NON-FERROUS

PLASTICS/COMPOSITES

| CUTTING DIAMETER D ₁ | LENGTH OF CUT L ₂ | OVERALL LENGTH L ₁ | SHANK DIAMETER D ₂ | CORNER RADIUS R | EDP NO. | |
|---------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|-----------------------|----------|------------------------------------|
| | | | | | UNCOATED | Ti-NAMITE-B (TiB ₂) |
| 1/8 | 3/8 | 1-1/2 | 1/8 | 0.010 | 34771 | 34793 |
| 3/16 | 9/16 | 2 | 3/16 | 0.010 | 34772 | 34794 |
| 1/4 | 3/4 | 2-1/2 | 1/4 | 0.010 | 34773 | 34795 |
| 1/4 | 3/4 | 2-1/2 | 1/4 | 0.030 | 34774 | 34796 |
| 5/16 | 5/8 | 2-1/2 | 5/16 | 0.030 | 34775 | 34797 |
| 3/8 | 1 | 2-1/2 | 3/8 | 0.010 | 34776 | 34798 |
| 3/8 | 1 | 2-1/2 | 3/8 | 0.030 | 34777 | 34799 |
| 3/8 | 1 | 2-1/2 | 3/8 | 0.060 | 32761 | 32825 |
| 1/2 | 1-1/4 | 3-1/4 | 1/2 | 0.010 | 34778 | 34800 |
| 1/2 | 1-1/4 | 3-1/4 | 1/2 | 0.030 | 34779 | 34801 |
| 1/2 | 1-1/4 | 3-1/4 | 1/2 | 0.060 | 34780 | 34802 |
| 1/2 | 1-1/4 | 3-1/4 | 1/2 | 0.090 | 34781 | 34803 |
| 1/2 | 1-1/4 | 3-1/4 | 1/2 | 0.120 | 32766 | 32830 |
| 5/8 | 1-5/8 | 3-3/4 | 5/8 | 0.030 | 34782 | 34804 |
| 5/8 | 1-5/8 | 3-3/4 | 5/8 | 0.060 | 34783 | 34805 |
| 5/8 | 1-5/8 | 3-3/4 | 5/8 | 0.090 | 34784 | 34806 |
| 3/4 | 1-5/8 | 4 | 3/4 | 0.030 | 34785 | 34807 |
| 3/4 | 1-5/8 | 4 | 3/4 | 0.060 | 34786 | 34808 |
| 3/4 | 1-5/8 | 4 | 3/4 | 0.090 | 34787 | 34809 |
| 3/4 | 1-5/8 | 4 | 3/4 | 0.120 | 34815 | 34817 |
| 1 | 2 | 4-1/2 | 1 | 0.030 | 34789 | 34811 |
| 1 | 2 | 4-1/2 | 1 | 0.060 | 34790 | 34812 |
| 1 | 2 | 4-1/2 | 1 | 0.090 | 34791 | 34813 |
| 1 | 2 | 4-1/2 | 1 | 0.120 | 34816 | 34818 |

TOLERANCES (inch)

1/8-3/16 DIAMETER

D₁ = +0.000/-0.00032D₂ = h₆

R = +0.000/-0.002

1/4-3/8 DIAMETER

D₁ = +0.000/-0.00035D₂ = h₆

R = +0.000/-0.002

1/2-5/8 DIAMETER

D₁ = +0.000/-0.00043D₂ = h₆

R = +0.000/-0.002

3/4-1 DIAMETER

D₁ = +0.000/-0.00051D₂ = h₆

R = +0.000/-0.002

