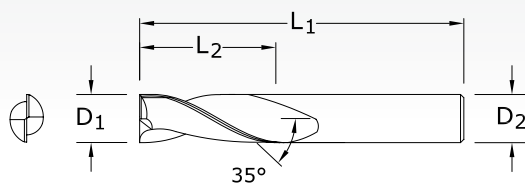
**TOLERANCES (inch)** $D_1 = +.000/-0.003$  $D_2 = h_6$ **21**

FRACTIONAL SERIES

TECH INFO 255

| inch                      |                        |                         |                         | EDP NO.  |
|---------------------------|------------------------|-------------------------|-------------------------|----------|
| CUTTING DIAMETER<br>$D_1$ | LENGTH OF CUT<br>$L_2$ | OVERALL LENGTH<br>$L_1$ | SHANK DIAMETER<br>$D_2$ | UNCOATED |
| 1/8                       | 1/2                    | 2                       | 1/4                     | 90001    |
| 5/32                      | 5/8                    | 2-1/2                   | 1/4                     | 90005    |
| 3/16                      | 3/4                    | 2-1/2                   | 1/4                     | 90009    |
| 1/4                       | 3/4                    | 2-1/2                   | 1/4                     | 90013    |
| 1/4                       | 1                      | 2-1/2                   | 1/4                     | 90017    |
| 5/16                      | 1                      | 2-1/2                   | 5/16                    | 90021    |
| 5/16                      | 1                      | 3                       | 1/2                     | 90025    |
| 3/8                       | 1                      | 2-1/2                   | 3/8                     | 90029    |
| 3/8                       | 1-1/4                  | 3                       | 1/2                     | 90033    |
| 1/2                       | 1-1/4                  | 3                       | 1/2                     | 90037    |
| 1/2                       | 1-1/2                  | 3-1/2                   | 1/2                     | 90041    |
| 1/2                       | 2                      | 4                       | 1/2                     | 90045    |
| 5/8                       | 2                      | 4-1/2                   | 5/8                     | 90049    |
| 3/4                       | 2                      | 4-1/2                   | 3/4                     | 90053    |

NON-FERROUS

PLASTICS/COMPOSITES

**TOLERANCES (mm)** $D_1 = +0,00/-0,08$  $D_2 = h_6$ **21M**

METRIC SERIES

TECH INFO 256

| mm                        |                        |                         |                         | EDP NO.  |
|---------------------------|------------------------|-------------------------|-------------------------|----------|
| CUTTING DIAMETER<br>$D_1$ | LENGTH OF CUT<br>$L_2$ | OVERALL LENGTH<br>$L_1$ | SHANK DIAMETER<br>$D_2$ | UNCOATED |
| 3,0                       | 13,0                   | 50,0                    | 6,0                     | 90101    |
| 4,0                       | 16,0                   | 63,0                    | 6,0                     | 90107    |
| 5,0                       | 19,0                   | 63,0                    | 6,0                     | 90109    |
| 6,0                       | 25,0                   | 63,0                    | 6,0                     | 90113    |
| 8,0                       | 25,0                   | 63,0                    | 8,0                     | 90121    |
| 10,0                      | 31,0                   | 75,0                    | 10,0                    | 90129    |
| 12,0                      | 31,0                   | 75,0                    | 12,0                    | 90137    |