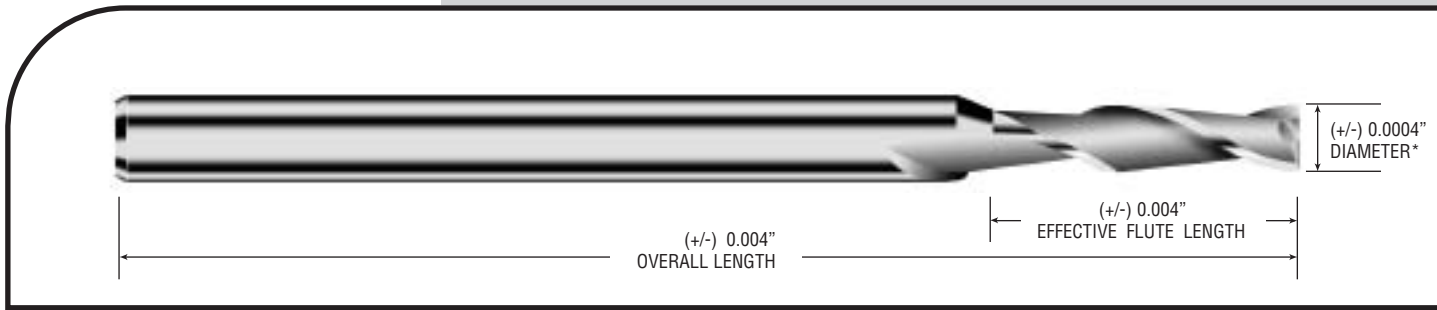


CENTER CUTTING END MILLS STANDARD LENGTH/STUB LENGTH

2 Flute ■ Square End



- Submicron grade solid carbide
- 30° helix for general purpose applications
- Coatings available upon request

SERIES 1610 - STANDARD - FRACTIONS

| PART NUMBER | CUTTING DIAMETER | EFFECTIVE FLUTE LENGTH | OVERALL LENGTH | SHANK DIAMETER | EDP |
|---------------|------------------|------------------------|----------------|----------------|-------|
| 1610-0156.047 | 1/64 | .047 | 1 1/2 | 1/8 | 61056 |
| 1610-0312.094 | 1/32 | .094 | 1 1/2 | 1/8 | 61041 |
| 1610-0469.141 | 3/64 | .141 | 1 1/2 | 1/8 | 61042 |
| 1610-0625.188 | 1/16 | .188 | 1 1/2 | 1/8 | 61043 |
| 1610-0781.234 | 5/64 | .234 | 1 1/2 | 1/8 | 61044 |
| 1610-0938.281 | 3/32 | .281 | 1 1/2 | 1/8 | 61045 |
| 1610-1094.328 | 7/64 | .328 | 1 1/2 | 1/8 | 61046 |
| 1610-1250.375 | 1/8 | .375 | 1 1/2 | 1/8 | 61047 |
| 1610-1406.500 | 9/64 | .500 | 2 | 3/16 | 61048 |
| 1610-1563.500 | 5/32 | .500 | 2 | 3/16 | 61049 |
| 1610-1719.563 | 11/64 | .563 | 2 | 3/16 | 61050 |
| 1610-1875.563 | 3/16 | .563 | 2 | 3/16 | 61051 |
| 1610-2031.625 | 13/64 | .625 | 2 1/2 | 1/4 | 61052 |
| 1610-2188.625 | 7/32 | .625 | 2 1/2 | 1/4 | 61053 |
| 1610-2344.750 | 15/64 | .750 | 2 1/2 | 1/4 | 61054 |
| 1610-2500.750 | 1/4 | .750 | 2 1/2 | 1/4 | 61055 |

SERIES 1620 - STUB - FRACTIONS

| PART NUMBER | CUTTING DIAMETER | EFFECTIVE FLUTE LENGTH | OVERALL LENGTH | SHANK DIAMETER | EDP |
|---------------|------------------|------------------------|----------------|----------------|-------|
| 1620-0156.023 | 1/64 | .023 | 1 1/2 | 1/8 | 62056 |
| 1620-0312.047 | 1/32 | .047 | 1 1/2 | 1/8 | 62041 |
| 1620-0469.070 | 3/64 | .070 | 1 1/2 | 1/8 | 62042 |
| 1620-0625.094 | 1/16 | .094 | 1 1/2 | 1/8 | 62043 |
| 1620-0781.117 | 5/64 | .117 | 1 1/2 | 1/8 | 62044 |
| 1620-0938.141 | 3/32 | .141 | 1 1/2 | 1/8 | 62045 |
| 1620-1094.164 | 7/64 | .164 | 1 1/2 | 1/8 | 62046 |
| 1620-1250.188 | 1/8 | .188 | 1 1/2 | 1/8 | 62047 |
| 1620-1406.313 | 9/64 | .313 | 2 | 3/16 | 62048 |
| 1620-1563.313 | 5/32 | .313 | 2 | 3/16 | 62049 |
| 1620-1719.375 | 11/64 | .375 | 2 | 3/16 | 62050 |
| 1620-1875.375 | 3/16 | .375 | 2 | 3/16 | 62051 |
| 1620-2031.438 | 13/64 | .438 | 2 | 1/4 | 62052 |
| 1620-2188.438 | 7/32 | .438 | 2 | 1/4 | 62053 |
| 1620-2344.500 | 15/64 | .500 | 2 | 1/4 | 62054 |
| 1620-2500.500 | 1/4 | .500 | 2 | 1/4 | 62055 |

* 9/64 or larger is + .000" / - .002"

MICRO TOOLS

Tools individually packed

For additional information call 1-888-848-8449 or visit us at www.KyoceraMicroTools.com

CENTER CUTTING END MILLS

STUB LENGTH

2 Flute ■ Square End

- Submicron grade solid carbide
- 30° helix for general purpose applications
- Coatings available upon request

SERIES 1620 - DECIMALS

| PART NUMBER | CUTTING DIAMETER | EFFECTIVE FLUTE LENGTH | OVERALL LENGTH | SHANK DIAMETER | EDP |
|---------------|------------------|------------------------|----------------|----------------|-------|
| 1620-0050.008 | .005 | .008 | 1 1/2 | 1/8 | 62001 |
| 1620-0060.009 | .006 | .009 | 1 1/2 | 1/8 | 62002 |
| 1620-0070.011 | .007 | .011 | 1 1/2 | 1/8 | 62003 |
| 1620-0080.012 | .008 | .012 | 1 1/2 | 1/8 | 62004 |
| 1620-0090.014 | .009 | .014 | 1 1/2 | 1/8 | 62005 |
| 1620-0100.015 | .010 | .015 | 1 1/2 | 1/8 | 62006 |
| 1620-0110.017 | .011 | .017 | 1 1/2 | 1/8 | 62007 |
| 1620-0120.018 | .012 | .018 | 1 1/2 | 1/8 | 62008 |
| 1620-0130.020 | .013 | .020 | 1 1/2 | 1/8 | 62009 |
| 1620-0140.021 | .014 | .021 | 1 1/2 | 1/8 | 62010 |
| 1620-0150.023 | .015 | .023 | 1 1/2 | 1/8 | 62011 |
| 1620-0160.024 | .016 | .024 | 1 1/2 | 1/8 | 62012 |
| 1620-0170.026 | .017 | .026 | 1 1/2 | 1/8 | 62013 |
| 1620-0180.027 | .018 | .027 | 1 1/2 | 1/8 | 62014 |
| 1620-0190.029 | .019 | .029 | 1 1/2 | 1/8 | 62015 |
| 1620-0200.030 | .020 | .030 | 1 1/2 | 1/8 | 62016 |
| 1620-0210.032 | .021 | .032 | 1 1/2 | 1/8 | 62017 |
| 1620-0220.033 | .022 | .033 | 1 1/2 | 1/8 | 62018 |
| 1620-0230.035 | .023 | .035 | 1 1/2 | 1/8 | 62019 |
| 1620-0240.036 | .024 | .036 | 1 1/2 | 1/8 | 62020 |
| 1620-0250.038 | .025 | .038 | 1 1/2 | 1/8 | 62021 |
| 1620-0260.039 | .026 | .039 | 1 1/2 | 1/8 | 62022 |
| 1620-0270.041 | .027 | .041 | 1 1/2 | 1/8 | 62023 |
| 1620-0280.042 | .028 | .042 | 1 1/2 | 1/8 | 62024 |
| 1620-0290.044 | .029 | .044 | 1 1/2 | 1/8 | 62025 |
| 1620-0300.045 | .030 | .045 | 1 1/2 | 1/8 | 62026 |
| 1620-0350.053 | .035 | .053 | 1 1/2 | 1/8 | 62027 |
| 1620-0400.060 | .040 | .060 | 1 1/2 | 1/8 | 62028 |
| 1620-0450.068 | .045 | .068 | 1 1/2 | 1/8 | 62029 |
| 1620-0500.075 | .050 | .075 | 1 1/2 | 1/8 | 62030 |
| 1620-0550.083 | .055 | .083 | 1 1/2 | 1/8 | 62031 |
| 1620-0600.090 | .060 | .090 | 1 1/2 | 1/8 | 62032 |
| 1620-0650.098 | .065 | .098 | 1 1/2 | 1/8 | 62033 |
| 1620-0700.105 | .070 | .105 | 1 1/2 | 1/8 | 62034 |
| 1620-0750.113 | .075 | .113 | 1 1/2 | 1/8 | 62035 |
| 1620-0800.120 | .080 | .120 | 1 1/2 | 1/8 | 62036 |
| 1620-0850.128 | .085 | .128 | 1 1/2 | 1/8 | 62037 |
| 1620-0900.135 | .090 | .135 | 1 1/2 | 1/8 | 62038 |
| 1620-0950.143 | .095 | .143 | 1 1/2 | 1/8 | 62039 |
| 1620-1000.150 | .100 | .150 | 1 1/2 | 1/8 | 62040 |