

## Miniature End Mills



### Micrograin Solid Carbide

#### 2 Flute Precision - Square End

Series 8500

Size (mm)	Decimal Equivalent (Inch)	Flute Length (Inch)	Overall Length (Inch)	Shank (mm)	Code	Size (mm)	Decimal Equivalent (Inch)	Flute Length (Inch)	Overall Length (Inch)	Shank (mm)	Code
3.90	0.1535	0.400	1-3/4	4	605050	5.00	0.1969	0.550	2	6	605061
4.00	0.1575	0.475	2	5	605051	5.10	0.2008	0.550	2	6	605062
4.10	0.1614	0.475	2	5	605052	5.20	0.2047	0.550	2	6	605063
4.20	0.1654	0.475	2	5	605053	5.30	0.2087	0.550	2	6	605064
4.30	0.1693	0.475	2	5	605054	5.40	0.2126	0.550	2	6	605065
4.40	0.1732	0.475	2	5	605055	5.50	0.2165	0.550	2	6	605066
4.50	0.1772	0.475	2	5	605056	5.60	0.2205	0.550	2	6	605067
4.60	0.1811	0.475	2	5	605057	5.70	0.2244	0.550	2	6	605068
4.70	0.1850	0.475	2	5	605058	5.80	0.2283	0.550	2	6	605069
4.80	0.1890	0.475	2	5	605059	5.90	0.2323	0.550	2	6	605070
4.90	0.1929	0.475	2	5	605060						

#### 2 Flute Precision - Ball End

Series 8529

Size (mm)	Decimal Equivalent (Inch)	Flute Length (Inch)	Overall Length (Inch)	Shank (mm)	Code	Size (mm)	Decimal Equivalent (Inch)	Flute Length (Inch)	Overall Length (Inch)	Shank (mm)	Code
0.10	0.0039	0.008	1-1/2	3	605071	1.20	0.0472	0.160	1-1/2	3	605085
0.15	0.0059	0.012	1-1/2	3	605072	1.40	0.0551	0.160	1-1/2	3	605086
0.20	0.0079	0.020	1-1/2	3	605073	1.50	0.0591	0.160	1-1/2	3	605087
0.25	0.0098	0.020	1-1/2	3	605074	1.60	0.0630	0.200	1-1/2	3	605088
0.30	0.0118	0.040	1-1/2	3	605075	1.80	0.0709	0.200	1-1/2	3	605089
0.35	0.0138	0.040	1-1/2	3	605076	2.00	0.0787	0.200	1-1/2	3	605090
0.40	0.0157	0.040	1-1/2	3	605077	2.50	0.0984	0.275	1-1/2	3	605091
0.50	0.0197	0.060	1-1/2	3	605078	3.00	0.1181	0.400	1-3/4	4	605092
0.60	0.0236	0.060	1-1/2	3	605079	3.50	0.1378	0.400	1-3/4	4	605093
0.70	0.0276	0.060	1-1/2	3	605080	4.00	0.1575	0.475	2	5	605094
0.80	0.0315	0.060	1-1/2	3	605081	4.50	0.1772	0.475	2	5	605095
0.90	0.0354	0.100	1-1/2	3	605082	5.00	0.1969	0.550	2	6	605096
1.00	0.0394	0.120	1-1/2	3	605083	5.50	0.2165	0.550	2	6	605097
1.10	0.0433	0.120	1-1/2	3	605084						

## End Mills

### High Speed Steel

#### Tapered

- For extrusion dies, die cast dies and molds
- Center cut
- Shanks within 0.0005"
- Hollow ground
- Polished flutes



1/2° per Side

Tip Diameter (Inch)	Flute Length (Inch)	Shank Diameter (Inch)	Overall Length (Inch)	Code	Tip Diameter (Inch)	Flute Length (Inch)	Shank Diameter (Inch)	Overall Length (Inch)	Code
3/32	1/2	3/8	2-1/2	313377	1/8	1/2	3/8	2-1/2	313381
3/32	3/4	3/8	2-1/2	313378	1/8	3/4	3/8	2-1/2	313382
3/32	1-1/4	3/8	3-1/8	313379	1/8	1	3/8	2-7/8	313383
1/8	1/4	3/8	2-1/2	313380	1/8	1-1/4	3/8	3-1/8	313384