

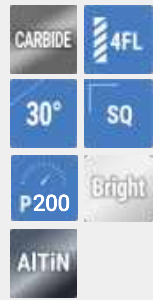
GENERAL PURPOSE

Solid Carbide Micro End Mills For Ferrous And Non-Ferrous Materials



Micro 4-Flute Square Mills

- Micro mills
- Universal application with 30° helix
- Sub-micron grade carbide substrate for wear resistance
- Multiple coating options
- Diameter Tol.: +/- 0.0005"
- Shank Tol.: +0/-0.0003"
- LOC Tol.: +.0120"/-0



STEEL			STAINLESS		CAST IRON		NON-FERROUS		HRSA		HARDENED STEEL	
P1	P2	P3	M1	M2	K1	K2	N1	N2	S1	S2	H1	H2
○	○	○			○	○	○	○			○	

● Best ○ Good

Series 254 4FL | Square | Micro

Diameter(D ₁)	LOC(L ₁)	OAL(L)	Shank(D)	Bright	AlTiN
0.005	0.008	1.50	1/8	250-305100	-
0.005	0.015	1.50	1/8	250-100410	-
0.006	0.009	1.50	1/8	250-305110	-
0.006	0.018	1.50	1/8	250-205110	-
0.007	0.011	1.50	1/8	250-305120	-
0.007	0.021	1.50	1/8	250-205120	-
0.008	0.012	1.50	1/8	250-305130	-
0.008	0.024	1.50	1/8	250-205130	-
0.009	0.014	1.50	1/8	250-305140	-
0.009	0.027	1.50	1/8	250-205140	-
0.010	0.015	1.50	1/8	250-305150	250-305150B
0.010	0.030	1.50	1/8	250-100430	250-100430B
0.011	0.017	1.50	1/8	250-305160	250-305160B
0.011	0.033	1.50	1/8	250-205160	250-205160B
0.012	0.018	1.50	1/8	250-305170	250-305170B
0.012	0.036	1.50	1/8	250-205170	250-205170B
0.013	0.020	1.50	1/8	250-305180	250-305180B
0.013	0.039	1.50	1/8	250-205180	250-205180B
0.014	0.021	1.50	1/8	250-305190	250-305190B
0.014	0.042	1.50	1/8	250-205190	250-205190B
0.015	0.023	1.50	1/8	250-305200	250-305200B
0.015	0.045	1.50	1/8	250-100450	250-100450B
0.016	0.024	1.50	1/8	250-305210	250-305210B
0.016	0.048	1.50	1/8	250-205210	250-205210B
0.016	0.125	2.50	1/8	251-002000	-
0.017	0.026	1.50	1/8	250-305220	250-305220B
0.017	0.051	1.50	1/8	250-205220	250-205220B
0.018	0.027	1.50	1/8	250-305230	250-305230B
0.018	0.054	1.50	1/8	250-205230	250-205230B
0.019	0.029	1.50	1/8	250-305240	250-305240B
0.019	0.057	1.50	1/8	250-205240	250-205240B
0.020	0.030	1.50	1/8	250-305250	250-305250B
0.020	0.060	1.50	1/8	250-100470	250-100470B
0.021	0.032	1.50	1/8	250-305260	250-305260B
0.021	0.063	1.50	1/8	250-205260	250-205260B
0.022	0.033	1.50	1/8	250-305270	250-305270B
0.022	0.066	1.50	1/8	250-205270	250-205270B
0.023	0.035	1.50	1/8	250-305280	250-305280B
0.023	0.069	1.50	1/8	250-205280	250-205280B
0.024	0.036	1.50	1/8	250-305290	250-305290B
0.024	0.072	1.50	1/8	250-205290	250-205290B
0.025	0.038	1.50	1/8	250-305300	250-305300B
0.025	0.075	1.50	1/8	250-100490	250-100490B
0.026	0.039	1.50	1/8	250-305310	250-305310B
0.026	0.078	1.50	1/8	250-205310	250-205310B

*bold numbers are EDPs for ordering

GENERAL PURPOSE

Solid Carbide Micro End Mills For Ferrous And Non-Ferrous Materials



Series 254

4FL | Square | Micro

Diameter(D ₁)	LOC(L ₁)	OAL(L)	Shank(D)	Bright	AITIN
0.027	0.041	1.50	1/8	250-305320	250-305320B
0.027	0.081	1.50	1/8	250-205320	250-205320B
0.028	0.042	1.50	1/8	250-305330	250-305330B
0.028	0.084	1.50	1/8	250-205330	250-205330B
0.029	0.044	1.50	1/8	250-305340	250-305340B
0.029	0.087	1.50	1/8	250-205340	250-205340B
0.030	0.045	1.50	1/8	250-305350	250-305350B
0.030	0.090	1.50	1/8	250-100510	250-100510B
0.031	0.047	1.50	1/8	250-305360	250-305360B
0.031	0.093	1.50	1/8	250-205360	250-205360B
0.031	0.250	2.50	1/8	251-002001	-
0.031	0.375	2.50	1/8	251-002002	-
0.032	0.048	1.50	1/8	250-305370	250-305370B
0.032	0.096	1.50	1/8	250-205370	250-205370B
0.033	0.050	1.50	1/8	250-305380	250-305380B
0.033	0.099	1.50	1/8	250-205380	250-205380B
0.034	0.051	1.50	1/8	250-305390	250-305390B
0.034	0.102	1.50	1/8	250-205390	250-205390B
0.035	0.053	1.50	1/8	250-305400	250-305400B
0.035	0.105	1.50	1/8	250-100530	250-100530B
0.036	0.054	1.50	1/8	250-305410	250-305410B
0.036	0.108	1.50	1/8	250-205410	250-205410B
0.037	0.056	1.50	1/8	250-305420	250-305420B
0.037	0.111	1.50	1/8	250-205420	250-205420B
0.038	0.057	1.50	1/8	250-305430	250-305430B
0.038	0.114	1.50	1/8	250-205430	250-205430B
0.039	0.059	1.50	1/8	250-305440	250-305440B
0.039	0.117	1.50	1/8	250-205440	250-205440B
0.040	0.060	1.50	1/8	250-305450	250-305450B
0.040	0.120	1.50	1/8	250-100550	250-100550B
0.041	0.062	1.50	1/8	250-305460	250-305460B
0.041	0.123	1.50	1/8	250-205460	250-205460B
0.042	0.063	1.50	1/8	250-305470	250-305470B
0.042	0.126	1.50	1/8	250-205470	250-205470B
0.043	0.065	1.50	1/8	250-305480	250-305480B
0.043	0.129	1.50	1/8	250-205480	250-205480B
0.044	0.066	1.50	1/8	250-305490	250-305490B
0.044	0.132	1.50	1/8	250-205490	250-205490B
0.045	0.068	1.50	1/8	250-305500	250-305500B
0.045	0.135	1.50	1/8	250-100570	250-100570B
0.046	0.069	1.50	1/8	250-305510	250-305510B
0.046	0.138	1.50	1/8	250-205510	250-205510B
0.047	0.071	1.50	1/8	250-305520	250-305520B
0.047	0.141	1.50	1/8	250-205520	250-205520B
0.047	0.250	2.50	1/8	251-002010	-
0.047	0.375	2.50	1/8	251-002011	-
0.047	0.500	2.50	1/8	251-002013	-
0.048	0.072	1.50	1/8	250-305530	250-305530B
0.048	0.144	1.50	1/8	250-205530	250-205530B
0.049	0.074	1.50	1/8	250-305540	250-305540B
0.049	0.147	1.50	1/8	250-205540	250-205540B
0.050	0.075	1.50	1/8	250-305550	250-305550B
0.050	0.150	1.50	1/8	250-100590	250-100590B
0.051	0.077	1.50	1/8	250-305560	250-305560B
0.051	0.153	1.50	1/8	250-205560	250-205560B
0.052	0.078	1.50	1/8	250-305570	250-305570B
0.052	0.156	1.50	1/8	250-205570	250-205570B
0.053	0.080	1.50	1/8	250-305580	250-305580B
0.053	0.159	1.50	1/8	250-205580	250-205580B
0.054	0.081	1.50	1/8	250-305590	250-305590B
0.054	0.162	1.50	1/8	250-205590	250-205590B
0.055	0.083	1.50	1/8	250-305600	250-305600B
0.055	0.165	1.50	1/8	250-100610	250-100610B
0.056	0.084	1.50	1/8	250-305610	250-305610B
0.056	0.168	1.50	1/8	250-205610	250-205610B
0.057	0.086	1.50	1/8	250-305620	250-305620B
0.057	0.171	1.50	1/8	250-205620	250-205620B
0.058	0.087	1.50	1/8	250-305630	250-305630B
0.058	0.174	1.50	1/8	250-205630	250-205630B
0.059	0.089	1.50	1/8	250-305640	250-305640B
0.059	0.177	1.50	1/8	250-205640	250-205640B
0.060	0.090	1.50	1/8	250-305650	250-305650B
0.060	0.180	1.50	1/8	250-100630	250-100630B
0.061	0.092	1.50	1/8	250-305660	250-305660B
0.061	0.183	1.50	1/8	250-205660	250-205660B
0.062	0.093	1.50	1/8	250-305670	250-305670B

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INTRO

MILLING

SPECIALTY

HOLEMAKING

THREADING

INSERTS

GENERAL PURPOSE

Solid Carbide Micro End Mills For Ferrous And Non-Ferrous Materials



INTRO

MILLING

SPECIALTY

HOLEMAKING

THREADING

INSERTS

Series 254 4FL | Square | Micro

Diameter(D ₁)	LOC(L ₁)	OAL(L)	Shank(D)	Bright	AlTiN
0.062	0.186	1.50	1/8	250-205670	250-205670B
0.063	0.095	1.50	1/8	250-305680	250-305680B
0.063	0.189	1.50	1/8	250-205680	250-205680B
0.063	0.500	2.50	1/8	251-002020	-
0.063	0.750	2.50	1/8	251-002021	-
0.063	1.000	2.50	1/8	251-002022	-
0.064	0.096	1.50	1/8	250-305690	250-305690B
0.064	0.192	1.50	1/8	250-205690	250-205690B
0.065	0.098	1.50	1/8	250-305700	250-305700B
0.065	0.195	1.50	1/8	250-100650	250-100650B
0.070	0.105	1.50	1/8	250-305750	250-305750B
0.070	0.210	1.50	1/8	250-100670	250-100670B
0.075	0.113	1.50	1/8	250-305800	250-305800B
0.075	0.225	1.50	1/8	250-100690	250-100690B
0.078	0.500	2.50	1/8	251-002030	-
0.080	0.120	1.50	1/8	250-305850	250-305850B
0.080	0.240	1.50	1/8	250-100710	250-100710B
0.085	0.128	1.50	1/8	250-305900	250-305900B
0.085	0.255	1.50	1/8	250-100730	250-100730B
0.090	0.135	1.50	1/8	250-305950	250-305950B
0.090	0.270	1.50	1/8	250-100750	250-100750B
0.094	0.500	2.50	1/8	251-002040	-
0.094	0.750	2.50	1/8	251-002041	-
0.095	0.143	1.50	1/8	250-306000	250-306000B
0.095	0.285	1.50	1/8	250-100770	250-100770B
0.100	0.150	1.50	1/8	250-306050	250-306050B
0.100	0.300	1.50	1/8	250-100790	250-100790B
0.105	0.158	1.50	1/8	250-306100	250-306100B
0.105	0.315	1.50	1/8	250-100801	250-100801B
0.110	0.165	1.50	1/8	250-306150	250-306150B
0.110	0.330	1.50	1/8	250-100803	250-100803B
0.115	0.173	1.50	1/8	250-306200	250-306200B
0.115	0.345	1.50	1/8	250-100805	250-100805B
0.120	0.180	1.50	1/8	250-306250	250-306250B
0.120	0.360	1.50	1/8	250-100807	250-100807B

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Popular Custom Milling Options

- Proprietary GWS tool coatings
- Longer lengths
- Enhanced geometry
- Special shank modifications like **SAFE-LOCK®**

**CUSTOM
COMES
STANDARD**