

**Tool Series 504:****Miniature Carbide End Mills - Stub Length - 30° Helix - Square End - 2 Flutes!!**

Uncoated Tool Number	Coated Tool Number	Cutting Diameter	Shank Diameter	Overall Length	Flute Length	Flutes
504-20620	504-20620-A	0.062	1/8	1-1/2	0.093	2
504-20630	504-20630-A	0.063	1/8	1-1/2	0.095	2
504-20640	504-20640-A	0.064	1/8	1-1/2	0.096	2
504-20650	504-20650-A	0.065	1/8	1-1/2	0.098	2
504-20660	504-20660-A	0.066	1/8	1-1/2	0.099	2
504-20670	504-20670-A	0.067	1/8	1-1/2	0.101	2
504-20680	504-20680-A	0.068	1/8	1-1/2	0.102	2
504-20690	504-20690-A	0.069	1/8	1-1/2	0.104	2
504-20700	504-20700-A	0.070	1/8	1-1/2	0.105	2
504-20710	504-20710-A	0.071	1/8	1-1/2	0.107	2
504-20720	504-20720-A	0.072	1/8	1-1/2	0.108	2
504-20730	504-20730-A	0.073	1/8	1-1/2	0.110	2
504-20740	504-20740-A	0.074	1/8	1-1/2	0.111	2
504-20750	504-20750-A	0.075	1/8	1-1/2	0.113	2
504-20760	504-20760-A	0.076	1/8	1-1/2	0.114	2
504-20770	504-20770-A	0.077	1/8	1-1/2	0.116	2
504-20780	504-20780-A	0.078	1/8	1-1/2	0.117	2
504-20790	504-20790-A	0.079	1/8	1-1/2	0.119	2
504-20800	504-20800-A	0.080	1/8	1-1/2	0.120	2
504-20810	504-20810-A	0.081	1/8	1-1/2	0.122	2
504-20820	504-20820-A	0.082	1/8	1-1/2	0.123	2
504-20830	504-20830-A	0.083	1/8	1-1/2	0.125	2
504-20840	504-20840	0.084	1/8	1-1/2	0.126	2
504-20850	504-20850-A	0.085	1/8	1-1/2	0.128	2
504-20860	504-20860-A	0.086	1/8	1-1/2	0.129	2
504-20870	504-20870-A	0.087	1/8	1-1/2	0.131	2
504-20880	504-20880-A	0.088	1/8	1-1/2	0.132	2
504-20890	504-20890-A	0.089	1/8	1-1/2	0.134	2
504-20900	504-20900-A	0.090	1/8	1-1/2	0.135	2

(Cutting diameters 0.091" to 0.120" are continued on the next page)

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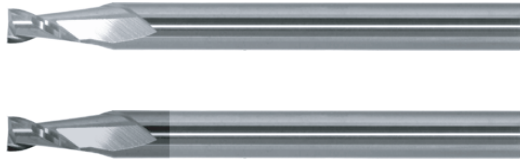
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Uncoated Tool Number	Coated Tool Number	Cutting Diameter	Shank Diameter	Overall Length	Flute Length	Flutes
504-20050	504-20050-A	0.005	1/8	1-1/2	0.008	2
504-20060	504-20060-A	0.006	1/8	1-1/2	0.009	2
504-20070	504-20070-A	0.007	1/8	1-1/2	0.011	2
504-20080	504-20080-A	0.008	1/8	1-1/2	0.012	2
504-20090	504-20090-A	0.009	1/8	1-1/2	0.014	2
504-20100	504-20100-A	0.010	1/8	1-1/2	0.015	2
504-20110	504-20110-A	0.011	1/8	1-1/2	0.017	2
504-20120	504-20120-A	0.012	1/8	1-1/2	0.018	2
504-20130	504-20130-A	0.013	1/8	1-1/2	0.020	2
504-20140	504-20140-A	0.014	1/8	1-1/2	0.021	2
504-20150	504-20150-A	0.015	1/8	1-1/2	0.023	2
504-20160	504-20160-A	0.016	1/8	1-1/2	0.024	2
504-20170	504-20170-A	0.017	1/8	1-1/2	0.026	2
504-20180	504-20180-A	0.018	1/8	1-1/2	0.027	2
504-20190	504-20190-A	0.019	1/8	1-1/2	0.029	2
504-20200	504-20200-A	0.020	1/8	1-1/2	0.030	2
504-20210	504-20210-A	0.021	1/8	1-1/2	0.032	2
504-20220	504-20220-A	0.022	1/8	1-1/2	0.033	2
504-20230	504-20230-A	0.023	1/8	1-1/2	0.035	2
504-20240	504-20240-A	0.024	1/8	1-1/2	0.036	2
504-20250	504-20250-A	0.025	1/8	1-1/2	0.038	2
504-20260	504-20260-A	0.026	1/8	1-1/2	0.039	2
504-20270	504-20270-A	0.027	1/8	1-1/2	0.041	2
504-20280	504-20280-A	0.028	1/8	1-1/2	0.042	2
504-20290	504-20290-A	0.029	1/8	1-1/2	0.044	2
504-20300	504-20300-A	0.030	1/8	1-1/2	0.045	2
504-20310	504-20310-A	0.031	1/8	1-1/2	0.047	2
504-20320	504-20320-A	0.032	1/8	1-1/2	0.048	2

(Cutting diameters 0.033" to 0.061" are continued on the next page)

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Uncoated Tool Number	Coated Tool Number	Cutting Diameter	Shank Diameter	Overall Length	Flute Length	Flutes
504-20910	504-20910-A	0.091	1/8	1-1/2	0.137	2
504-20920	504-20920-A	0.092	1/8	1-1/2	0.138	2
504-20930	504-20930-A	0.093	1/8	1-1/2	0.140	2
504-20940	504-20940-A	0.094	1/8	1-1/2	0.141	2
504-20950	504-20950-A	0.095	1/8	1-1/2	0.143	2
504-20960	504-20960-A	0.096	1/8	1-1/2	0.144	2
504-20970	504-20970-A	0.097	1/8	1-1/2	0.146	2
504-20980	504-20980-A	0.098	1/8	1-1/2	0.147	2
504-20990	504-20990-A	0.099	1/8	1-1/2	0.149	2
504-21000	504-21000-A	0.100	1/8	1-1/2	0.150	2
504-21010	504-21010-A	0.101	1/8	1-1/2	0.152	2
504-21020	504-21020-A	0.102	1/8	1-1/2	0.153	2
504-21030	504-21030-A	0.103	1/8	1-1/2	0.155	2
504-21040	504-21040-A	0.104	1/8	1-1/2	0.156	2
504-21050	504-21050-A	0.105	1/8	1-1/2	0.158	2
504-21060	504-21060-A	0.106	1/8	1-1/2	0.159	2
504-21070	504-21070-A	0.107	1/8	1-1/2	0.161	2
504-21080	504-21080-A	0.108	1/8	1-1/2	0.162	2
504-21090	504-21090-A	0.109	1/8	1-1/2	0.164	2
504-21100	504-21100-A	0.110	1/8	1-1/2	0.165	2
504-21110	504-21110-A	0.111	1/8	1-1/2	0.167	2
504-21120	504-21120-A	0.112	1/8	1-1/2	0.168	2
504-21130	504-21130-A	0.113	1/8	1-1/2	0.170	2
504-21140	504-21140-A	0.114	1/8	1-1/2	0.171	2
504-21150	504-21150-A	0.115	1/8	1-1/2	0.173	2
504-21160	504-21160-A	0.116	1/8	1-1/2	0.174	2
504-21170	504-21170-A	0.117	1/8	1-1/2	0.176	2
504-21180	504-21180-A	0.118	1/8	1-1/2	0.177	2
504-21190	504-21190-A	0.119	1/8	1-1/2	0.179	2
504-21200	504-21200-A	0.120	1/8	1-1/2	0.180	2

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Uncoated Tool Number	Coated Tool Number	Cutting Diameter	Shank Diameter	Overall Length	Flute Length	Flutes
504-20330	504-20330-A	0.033	1/8	1-1/2	0.050	2
504-20340	504-20340-A	0.034	1/8	1-1/2	0.051	2
504-20350	504-20350-A	0.035	1/8	1-1/2	0.053	2
504-20360	504-20360-A	0.036	1/8	1-1/2	0.054	2
504-20370	504-20370-A	0.037	1/8	1-1/2	0.056	2
504-20380	504-20380-A	0.038	1/8	1-1/2	0.057	2
504-20390	504-20390-A	0.039	1/8	1-1/2	0.059	2
504-20400	504-20400-A	0.040	1/8	1-1/2	0.060	2
504-20410	504-20410-A	0.041	1/8	1-1/2	0.062	2
504-20420	504-20420-A	0.042	1/8	1-1/2	0.063	2
504-20430	504-20430-A	0.043	1/8	1-1/2	0.065	2
504-20440	504-20440-A	0.044	1/8	1-1/2	0.066	2
504-20450	504-20450-A	0.045	1/8	1-1/2	0.068	2
504-20460	504-20460-A	0.046	1/8	1-1/2	0.069	2
504-20470	504-20470-A	0.047	1/8	1-1/2	0.071	2
504-20480	504-20480-A	0.048	1/8	1-1/2	0.072	2
504-20490	504-20490-A	0.049	1/8	1-1/2	0.074	2
504-20500	504-20500-A	0.050	1/8	1-1/2	0.075	2
504-20510	504-20510-A	0.051	1/8	1-1/2	0.077	2
504-20520	504-20520-A	0.052	1/8	1-1/2	0.078	2
504-20530	504-20530-A	0.053	1/8	1-1/2	0.080	2
504-20540	504-20540-A	0.054	1/8	1-1/2	0.081	2
504-20550	504-20550-A	0.055	1/8	1-1/2	0.083	2
504-20560	504-20560-A	0.056	1/8	1-1/2	0.084	2
504-20570	504-20570-A	0.057	1/8	1-1/2	0.086	2
504-20580	504-20580-A	0.058	1/8	1-1/2	0.087	2
504-20590	504-20590-A	0.059	1/8	1-1/2	0.089	2
504-20600	504-20600-A	0.060	1/8	1-1/2	0.090	2
504-20610	504-20610-A	0.061	1/8	1-1/2	0.092	2

(Cutting diameters 0.062" to 0.090" are continued on the next page)

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