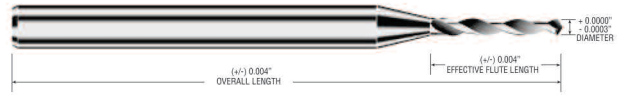


Micro Drills

.0020" - .0260"

- Submicron grade solid carbide.



STANDARD FLUTE

PART NUMBER	DRILL DIAMETER	EFFECTIVE FLUTE LENGTH	OVERALL LENGTH	SHANK DIAMETER	POINT ANGLE
ESM-0751	.10 mm	.040	1-1/2	1/8	118°
ESM-0752	.13 mm	.040	1-1/2	1/8	118°
ESM-0753	#97	.080	1-1/2	1/8	118°
ESM-0754	#96	.080	1-1/2	1/8	118°
ESM-0755	#95	.080	1-1/2	1/8	118°
ESM-0756	#94	.100	1-1/2	1/8	118°
ESM-0757	#93	.100	1-1/2	1/8	118°
ESM-0758	#92	.100	1-1/2	1/8	118°
ESM-0759	#91	.100	1-1/2	1/8	118°
ESM-0760	#90	.100	1-1/2	1/8	118°
ESM-0761	#89	.150	1-1/2	1/8	118°
ESM-0762	#88	.150	1-1/2	1/8	118°
ESM-0763	.25 mm	.150	1-1/2	1/8	118°
ESM-0764	#87	.150	1-1/2	1/8	118°
ESM-0765	#86	.150	1-1/2	1/8	118°
ESM-0766	#85	.150	1-1/2	1/8	118°
ESM-0767	#84	.150	1-1/2	1/8	118°
ESM-0768	.30 mm	.225	1-1/2	1/8	118°
ESM-0769	#83	.225	1-1/2	1/8	118°
ESM-0770	#82	.225	1-1/2	1/8	118°
ESM-0771	#81	.225	1-1/2	1/8	130°
ESM-0772	#80	.225	1-1/2	1/8	130°
ESM-0773	.35 mm	.225	1-1/2	1/8	130°
ESM-0774	#79	.225	1-1/2	1/8	130°
ESM-0775	1/64	.250	1-1/2	1/8	130°
ESM-0776	.40 mm	.250	1-1/2	1/8	130°
ESM-0777	#78	.250	1-1/2	1/8	130°
ESM-0778	.45 mm	.250	1-1/2	1/8	130°
ESM-0779	#77	.250	1-1/2	1/8	130°
ESM-0780	.50 mm	.260	1-1/2	1/8	130°
ESM-0781	#76	.260	1-1/2	1/8	130°

ULTRA PRECISION MICRO DRILLS

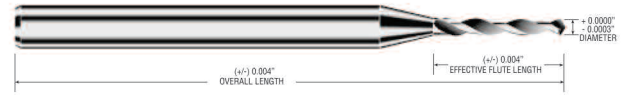
PART NUMBER	DRILL DIAMETER	EFFECTIVE FLUTE LENGTH
ESM-0800	.0020 - .0079	CALL

Diameter Tolerance = +/- 50 Millionths

Micro Drills

.0020" - .0260"

- Submicron grade solid carbide.



EXTENDED FLUTE

PART NUMBER	DRILL DIAMETER	EFFECTIVE FLUTE LENGTH	OVERALL LENGTH	SHANK DIAMETER	POINT ANGLE
ESM-0801	.10 mm	.070	1-1/2	1/8	118°
ESM-0802	.13 mm	.070	1-1/2	1/8	118°
ESM-0803	#97	.120	1-1/2	1/8	118°
ESM-0804	#96	.120	1-1/2	1/8	118°
ESM-0805	#95	.120	1-1/2	1/8	118°
ESM-0806	#94	.150	1-1/2	1/8	118°
ESM-0807	#93	.150	1-1/2	1/8	118°
ESM-0808	#92	.150	1-1/2	1/8	118°
ESM-0809	#91	.150	1-1/2	1/8	118°
ESM-0810	#90	.150	1-1/2	1/8	118°
ESM-0811	#89	.220	1-1/2	1/8	118°
ESM-0812	#88	.220	1-1/2	1/8	118°
ESM-0813	.25 mm	.220	1-1/2	1/8	118°
ESM-0814	#87	.220	1-1/2	1/8	118°
ESM-0815	#86	.220	1-1/2	1/8	118°
ESM-0816	#85	.220	1-1/2	1/8	118°
ESM-0817	#84	.220	1-1/2	1/8	118°
ESM-0818	.30 mm	.280	1-1/2	1/8	118°
ESM-0819	#83	.280	1-1/2	1/8	118°
ESM-0820	#82	.280	1-1/2	1/8	118°
ESM-0821	#81	.280	1-1/2	1/8	130°
ESM-0822	#80	.280	1-1/2	1/8	130°
ESM-0823	.35 mm	.280	1-1/2	1/8	130°
ESM-0824	#79	.280	1-1/2	1/8	130°
ESM-0825	1/64	.295	1-1/2	1/8	130°
ESM-0826	.40 mm	.295	1-1/2	1/8	130°
ESM-0827	#78	.295	1-1/2	1/8	130°
ESM-0828	.45 mm	.295	1-1/2	1/8	130°
ESM-0829	#77	.295	1-1/2	1/8	130°
ESM-0830	.50 mm	.310	1-1/2	1/8	130°
ESM-0831	#76	.310	1-1/2	1/8	130°
ESM-0832	#75	.310	1-1/2	1/8	130°
ESM-0833	.55 mm	.340	1-1/2	1/8	130°
ESM-0834	#74	.340	1-1/2	1/8	130°
ESM-0835	.60 mm	.340	1-1/2	1/8	130°
ESM-0836	#73	.340	1-1/2	1/8	130°
ESM-0837	#72	.340	1-1/2	1/8	130°
ESM-0838	.65 mm	.340	1-1/2	1/8	130°
ESM-0839	#71	.340	1-1/2	1/8	130°