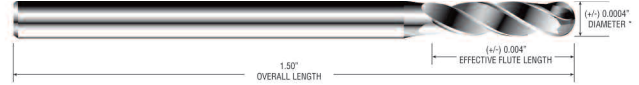


4 Flute ~ Ball Nose

STANDARD LENGTH Center Cutting End Mills

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



FRACTIONS

PART NUMBER	CUTTING DIAMETER	EFFECTIVE FLUTE LENGTH	OVERALL LENGTH	SHANK DIAMETER
ESM-0501	1/32	.094	1-1/2	1/8
ESM-0502	3/64	.141	1-1/2	1/8
ESM-0503	1/16	.188	1-1/2	1/8
ESM-0504	5/64	.234	1-1/2	1/8
ESM-0505	3/32	.281	1-1/2	1/8
ESM-0506	7/64	.328	1-1/2	1/8
ESM-0507	1/8	.375	1-1/2	1/8
ESM-0508	9/64	.500	2	3/16
ESM-0509	5/32	.500	2	3/16
ESM-0510	11/64	.563	2	3/16
ESM-0511	3/16	.563	2	3/16
ESM-0512	13/64	.625	2-1/2	1/4
ESM-0513	7/32	.625	2-1/2	1/4
ESM-0514	15/64	.750	2-1/2	1/4
ESM-0515	1/4	.750	2-1/2	1/4

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