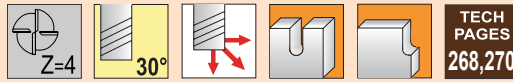


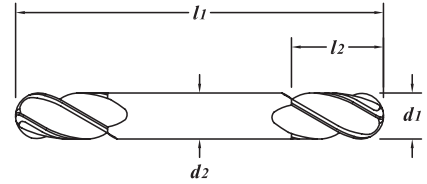
Series 195M, 995M



TOLERANCES	
d_1	+0.000" -0.002" (+0.000 -0.050mm)
d_2	h6
ball radius	+0.000" -0.001" (+0.000 -0.025mm)

Stub Length - Ball End - Double End

Solid submicron grain carbide end mill - center cutting
 Shorter flute length for rigidity
 Extremely versatile
 TiALN Coating - page 201
 Standard Length - page 228



EDP#	d_1 † Diameter		d_2 Shank Diameter	l_1 Overall Length	l_2 Flute Length	1-11	12-24	25-49	50-100	
	Decimal	Metric								
08010	.0312	1/32"	0.792	1/8"	1-1/2"	1/16"	22.71	21.73	20.74	19.75
08510	.0394		1.000	3.0	38	2	23.91	22.87	21.83	20.79
08020	.0469	3/64"	1.191	1/8"	1-1/2"	3/32"	22.71	21.73	20.74	19.75
08520	.0591		1.500	3.0	38	3	23.91	22.87	21.83	20.79
08030	.0625	1/16"	1.588	1/8"	1-1/2"	1/8"	22.71	21.73	20.74	19.75
08040	.0938	3/32"	2.383	1/8"	1-1/2"	3/16"	22.71	21.73	20.74	19.75
08050	.1250	1/8"	3.175	1/8"	1-1/2"	1/4"	14.09	13.48	12.86	12.25
08070	.1875	3/16"	4.763	3/16"	2"	3/8"	20.46	19.57	18.68	17.79
08090	.2500	1/4"	6.350	1/4"	2-1/2"	1/2"	26.60	25.44	24.29	23.13