

SOLID CARBIDE 3 TAPERED FLUTE END MILLS

ICS USA

SPECIAL PURPOSE

NON-CENTER CUTTING

Solid Carbide Tapered End Mills are designed with a constant spiral to prevent chatter during use and to resist side thrusts and deflection. They are used primarily for milling die and mold cavities and are sometimes referred to as Taper Degree End Mills or Tapered Milling Cutters.

3 Flute Single End



3 Flute Ball Nose Single End



RIGHT HAND CUTTING

SHANK DIA.	TAPER ANGLE	RADIUS	FLUTE LENGTH	OVERALL LENGTH	PRICE EACH	
					SUPER COBALT	TiN COAT
					SCTEM	SCTEMT
1/4	1°	1/8	1-1/2	3	56.62	60.20
	1-1/2°	1/8	1-1/2	3	50.90	54.48
	2°	1/8	1-1/4	3	56.62	60.20
	3°	1/8	1	3	50.90	54.48
	5°	1/8	3/4	3	50.90	54.48
	7°	1/8	1/2	3	50.90	54.48
	10°	3/32	1/2	3	56.62	60.20
3/8	1°	3/16	1-3/4	3-1/2	77.76	83.36
	1-1/2°	3/16	1-3/4	3-1/2	77.76	83.36
	2°	3/16	1-3/4	3-1/2	77.76	83.36
	3°	5/32	1-3/4	3-1/2	77.76	83.36
	5°	1/8	1-1/2	3-1/2	77.76	83.36
	7°	1/8	1	3-1/2	77.76	83.36
	10°	1/8	3/4	3-1/2	77.76	83.36
1/2	1°	1/4	2	4	118.14	127.22
	2°	1/4	2	4	118.14	127.22
	3°	1/4	2	4	118.14	127.22
	5°	1/4	1-1/4	4	118.14	127.22
	7°	3/16	1-1/4	4	118.14	127.22
	10°	1/8	1	4	118.14	127.22

SHANK DIA.	TAPER ANGLE	RADIUS	FLUTE LENGTH	OVERALL LENGTH	PRICE EACH	
					SUPER COBALT	TiN COAT
					SCTEMB	SCTEMBT
1/4	1°	.062	1-1/2	3	62.90	66.50
	1-1/2°	.062	1-1/2	3	56.54	60.14
	2°	.062	1-1/4	3	60.20	66.50
	3°	.062	1	3	56.40	60.14
	5°	.062	3/4	3	56.40	60.14
	7°	.062	1/2	3	56.40	60.14
	10°	.047	1/2	3	62.90	66.50
3/8	1°	.093	1-3/4	3-1/2	86.42	92.02
	1-1/2°	.093	1-3/4	3-1/2	86.42	92.02
	2°	.093	1-3/4	3-1/2	86.42	92.02
	3°	.078	1-3/4	3-1/2	86.42	92.02
	5°	.062	1-1/2	3-1/2	86.42	92.02
	7°	.062	1	3-1/2	86.42	92.02
	10°	.062	3/4	3-1/2	86.42	92.02
1/2	1°	.125	2	4	131.28	140.34
	2°	.125	2	4	131.28	140.34
	3°	.125	2	4	131.28	140.34
	5°	.125	1-1/4	4	131.28	140.34
	7°	.093	1-1/4	4	131.28	140.34
	10°	.062	1	4	131.28	140.34

TOLERANCES
 Flute Dia.: - .001 - .002"
 Shank Dia.: - .0001 - .0004"