

**PREMIUM (10% COBALT) MICROGRAIN CARBIDE**

**SOLID CARBIDE MINI-DECIMAL SIZE END MILLS**

**ICS USA**

**SPECIAL PURPOSE**

**CENTER CUTTING**

Micro-Grain Solid Carbide End Mills were developed for machining tough work hardening metals, stainless steel, titanium, monel, inconel, and super alloys. It is extremely shock resistant.

**2 Flute Single End**



SIZE (dec.)	SHANK DIA.	FLUTE LENGTH	OVERALL LENGTH	PRICE EACH	
				SOLID CARBIDE	TiN COATED
				SCDSEM-2R	SCDSEM-2T
.010	1/8	.030	1-1/2	21.02	23.26
.015	1/8	.045	1-1/2	21.02	23.26
.020	1/8	.060	1-1/2	21.02	23.26
.025	1/8	.075	1-1/2	21.02	23.26
.030	1/8	.090	1-1/2	21.02	23.26
.035	1/8	.105	1-1/2	21.02	23.26
.040	1/8	.120	1-1/2	21.02	23.26
.045	1/8	.135	1-1/2	15.98	18.22
.050	1/8	.150	1-1/2	15.98	18.22
.055	1/8	.165	1-1/2	15.98	18.22
.060	1/8	.180	1-1/2	15.98	18.22
.065	1/8	.195	1-1/2	15.98	18.22
.070	1/8	.210	1-1/2	15.98	18.22
.075	1/8	.225	1-1/2	15.98	18.22
.080	1/8	.240	1-1/2	15.98	18.22
.085	1/8	.255	1-1/2	15.98	18.22
.090	1/8	.270	1-1/2	15.98	18.22
.095	1/8	.285	1-1/2	15.98	18.22
.100	1/8	.300	1-1/2	15.98	18.22
.105	1/8	.315	1-1/2	15.98	18.22
.110	1/8	.330	1-1/2	15.98	18.22
.115	1/8	.345	1-1/2	15.98	18.22
.120	1/8	.360	1-1/2	15.98	18.22

**4 Flute Single End**



SIZE (dec.)	SHANK DIA.	FLUTE LENGTH	OVERALL LENGTH	PRICE EACH	
				SOLID CARBIDE	TiN COATED
				SCDSEM-4R	SCDSEM-4T
.010	1/8	.030	1-1/2	21.02	23.26
.015	1/8	.045	1-1/2	21.02	23.26
.020	1/8	.060	1-1/2	21.02	23.26
.025	1/8	.075	1-1/2	21.02	23.26
.030	1/8	.090	1-1/2	21.02	23.26
.035	1/8	.105	1-1/2	21.02	23.26
.040	1/8	.120	1-1/2	21.02	23.26
.045	1/8	.135	1-1/2	15.98	18.22
.050	1/8	.150	1-1/2	15.98	18.22
.055	1/8	.165	1-1/2	15.98	18.22
.060	1/8	.180	1-1/2	15.98	18.22
.065	1/8	.195	1-1/2	15.98	18.22
.070	1/8	.210	1-1/2	15.98	18.22
.075	1/8	.225	1-1/2	15.98	18.22
.080	1/8	.240	1-1/2	15.98	18.22
.085	1/8	.255	1-1/2	15.98	18.22
.090	1/8	.270	1-1/2	15.98	18.22
.095	1/8	.285	1-1/2	15.98	18.22
.100	1/8	.300	1-1/2	15.98	18.22
.105	1/8	.315	1-1/2	15.98	18.22
.110	1/8	.330	1-1/2	15.98	18.22
.115	1/8	.345	1-1/2	15.98	18.22
.120	1/8	.360	1-1/2	15.98	18.22

**PREMIUM (10% COBALT) MICROGRAIN CARBIDE**

**SOLID CARBIDE MINI-STUB LENGTH SIZE END MILLS**

**ICS USA**

**SPECIAL PURPOSE**

**CENTER CUTTING**

Micro-Grain Solid Carbide End Mills were developed for machining tough work hardening metals, stainless steel, titanium, monel, inconel, and super alloys. It is extremely shock resistant.

**2 Flute Double End (Stub)**



SIZE	SHANK DIA.	FLUTE LENGTH	OVERALL LENGTH	PRICE EACH	
				SOLID CARBIDE	TiN COATED
				SCMDEM-2S	SCMDEM-2T
1/32	1/8	3/64	1-1/2	-	-
3/64	1/8	1/16	1-1/2	-	-
1/16	1/8	1/8	1-1/2	-	-
5/64	1/8	1/8	1-1/2	-	-
3/32	1/8	3/16	1-1/2	CALL FOR PRICE	CALL FOR PRICE
7/64	1/8	11/64	1-1/2	-	-
1/8	1/8	1/4	1-1/2	-	-
9/64	3/16	7/32	2	-	-
5/32	3/16	5/16	2	-	-
11/64	3/16	17/64	2	-	-
3/16	3/16	3/8	2	-	-

**4 Flute Double End (Stub)**



SIZE	SHANK DIA.	FLUTE LENGTH	OVERALL LENGTH	PRICE EACH	
				SOLID CARBIDE	TiN COATED
				SCMDEM-4S	SCMDEM-4T
1/32	1/8	3/64	1-1/2	-	-
3/64	1/8	1/16	1-1/2	-	-
1/16	1/8	1/8	1-1/2	-	-
5/64	1/8	1/8	1-1/2	-	-
3/32	1/8	3/16	1-1/2	CALL FOR PRICE	CALL FOR PRICE
7/64	1/8	11/64	1-1/2	-	-
1/8	1/8	1/4	1-1/2	-	-
9/64	3/16	7/32	2	-	-
5/32	3/16	5/16	2	-	-
11/64	3/16	17/64	2	-	-
3/16	3/16	3/8	2	-	-

TOLERANCES  
Flute Dia.: + .000 - .002"  
Shank Dia.: - .0001 - .0004"