

MZM/MZI Series Solid Carbide End Mills

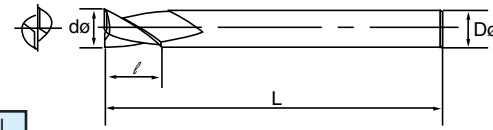
Two Flute Center Cutting

Inch

Uncoated	Coated	Cutter Dia. d ø	Shank Dia. Dø	Flute Length ℓ	Overall Length L
MZI204	MZI204C	.0625 (1/16)	.1250	.187	1.500
MZI206	MZI206C	.0937 (3/32)	.1250	.375	1.500
MZI208	MZI208C	.1250 (1/8)	.1250	.500	1.500
MZI210	MZI210C	.1562 (5/32)	.1875	.562	2.000
MZI212	MZI212C	.1875 (3/16)	.1875	.625	2.000
MZI214	MZI214C	.2187 (7/32)	.2500	.625	2.500
MZI216	MZI216C	.2500 (1/4)	.2500	.750	2.500
MZI218	MZI218C	.2812 (9/32)	.3125	.750	2.500
MZI220	MZI220C	.3125 (5/16)	.3125	.812	2.500
MZI224	MZI224C	.3750 (3/8)	.3750	.875	2.500
MZI228	MZI228C	.4375 (7/16)	.4375	1.000	3.000
MZI232	MZI232C	.5000 (1/2)	.5000	1.000	3.000
MZI236	MZI236C	.5625 (9/16)	.5625	1.250	3.500
MZI240	MZI240C	.6250 (5/8)	.6250	1.250	3.500
MZI244	MZI244C	.6875 (11/16)	.6875	1.500	4.000
MZI248	MZI248C	.7500 (3/4)	.7500	1.500	4.000
MZI256	MZI256C	.8750 (7/8)	.8750	1.500	4.000
MZI264	MZI264C	1.0000	1.0000	1.500	4.000

Metric

Uncoated	Coated	Cutter Dia. d ø	Shank Dia. Dø	Flute Length ℓ	Overall Length L
MZM2010	MZM2010C	1.0mm	4.0mm	3.0mm	51.0mm
MZM2015	MZM2015C	1.5mm	4.0mm	5.0mm	51.0mm
MZM2020	MZM2020C	2.0mm	4.0mm	6.0mm	51.0mm
MZM2025	MZM2025C	2.5mm	4.0mm	8.0mm	51.0mm
MZM2030	MZM2030C	3.0mm	6.0mm	8.0mm	51.0mm
MZM2035	MZM2035C	3.5mm	6.0mm	8.0mm	51.0mm
MZM2040	MZM2040C	4.0mm	6.0mm	10.0mm	51.0mm
MZM2045	MZM2045C	4.5mm	6.0mm	10.0mm	51.0mm
MZM2050	MZM2050C	5.0mm	6.0mm	12.0mm	51.0mm
MZM2055	MZM2055C	5.5mm	6.0mm	12.0mm	51.0mm
MZM2060	MZM2060C	6.0mm	6.0mm	12.0mm	51.0mm
MZM2065	MZM2065C	6.5mm	8.0mm	12.0mm	64.0mm
MZM2070	MZM2070C	7.0mm	8.0mm	15.0mm	64.0mm
MZM2075	MZM2075C	7.5mm	8.0mm	15.0mm	64.0mm
MZM2080	MZM2080C	8.0mm	8.0mm	15.0mm	64.0mm
MZM2085	MZM2085C	8.5mm	10.0mm	15.0mm	70.0mm
MZM2090	MZM2090C	9.0mm	10.0mm	15.0mm	70.0mm
MZM2095	MZM2095C	9.5mm	10.0mm	15.0mm	70.0mm
MZM2100	MZM2100C	10.0mm	10.0mm	18.0mm	70.0mm
MZM2110	MZM2110C	11.0mm	12.0mm	18.0mm	76.0mm
MZM2120	MZM2120C	12.0mm	12.0mm	18.0mm	76.0mm
MZM2130	MZM2130C	13.0mm	16.0mm	20.0mm	88.0mm
MZM2140	MZM2140C	14.0mm	16.0mm	20.0mm	88.0mm
MZM2150	MZM2150C	15.0mm	16.0mm	25.0mm	88.0mm
MZM2160	MZM2160C	16.0mm	16.0mm	35.0mm	88.0mm
MZM2170	MZM2170C	17.0mm	20.0mm	35.0mm	100.0mm
MZM2180	MZM2180C	18.0mm	20.0mm	40.0mm	100.0mm
MZM2190	MZM2190C	19.0mm	20.0mm	40.0mm	100.0mm
MZM2200	MZM2200C	20.0mm	20.0mm	40.0mm	100.0mm
MZM2220	MZM2220C	22.0mm	25.0mm	40.0mm	100.0mm
MZM2250	MZM2250C	25.0mm	25.0mm	40.0mm	100.0mm



Inch Tolerances

Size (Inch)	D	d
.125-.250	+0 -0.0003"	+0 -0.0020"
~.375	+0 -0.00035"	+0
~.687	+0 -0.00043"	-0.0030"
~1.000	+0 -0.0005"	



Metric Tolerances

Size (mm)	D	d
1-6.4	+0 -0.00762mm	+0 -0.0508mm
~9.5	+0 -0.00889mm	+0
~17.0	+0 -0.01092mm	-0.0762mm
~25.0	+0 -0.01270mm	

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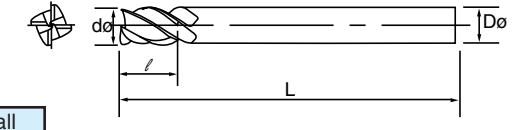
Four Flute Center Cutting

Inch

Uncoated	Coated	Cutter Dia. d ø	Shank Dia. Dø	Flute Length ℓ	Overall Length L
MZI404	MZI404C	.0625 (1/16)	.1250	.1875	1.500
MZI406	MZI406C	.0937 (3/32)	.1250	.375	1.500
MZI408	MZI408C	.1250 (1/8)	.1250	.500	1.500
MZI410	MZI410C	.1562 (5/32)	.1875	.5625	2.000
MZI412	MZI412C	.1875 (3/16)	.1875	.625	2.000
MZI414	MZI414C	.2187 (7/32)	.2500	.625	2.500
MZI416	MZI416C	.2500 (1/4)	.2500	.750	2.500
MZI418	MZI418C	.2812 (9/32)	.3125	.750	2.500
MZI420	MZI420C	.3125 (5/16)	.3125	.8125	2.500
MZI424	MZI424C	.3750 (3/8)	.3750	.875	2.500
MZI428	MZI428C	.4375 (7/16)	.4375	1.000	3.000
MZI432	MZI432C	.5000 (1/2)	.5000	1.000	3.000
MZI436	MZI436C	.5625 (9/16)	.5625	1.250	3.500
MZI440	MZI440C	.6250 (5/8)	.6250	1.250	3.500
MZI444	MZI444C	.6875 (11/16)	.6875	1.500	4.000
MZI448	MZI448C	.7500 (3/4)	.7500	1.500	4.000
MZI456	MZI456C	.8750 (7/8)	.8750	1.500	4.000
MZI464	MZI464C	1.0000	1.0000	1.500	4.000

Metric

Uncoated	Coated	Cutter Dia. d ø	Shank Dia. Dø	Flute Length ℓ	Overall Length L
MZM4010	MZM4010C	1.0mm	4.0mm	3.0mm	51.0mm
MZM4015	MZM4015C	1.5mm	4.0mm	5.0mm	51.0mm
MZM4020	MZM4020C	2.0mm	4.0mm	6.0mm	51.0mm
MZM4025	MZM4025C	2.5mm	4.0mm	8.0mm	51.0mm
MZM4030	MZM4030C	3.0mm	6.0mm	8.0mm	51.0mm
MZM4035	MZM4035C	3.5mm	6.0mm	8.0mm	51.0mm
MZM4040	MZM4040C	4.0mm	6.0mm	10.0mm	51.0mm
MZM4045	MZM4045C	4.5mm	6.0mm	10.0mm	51.0mm
MZM4050	MZM4050C	5.0mm	6.0mm	12.0mm	51.0mm
MZM4055	MZM4055C	5.5mm	6.0mm	12.0mm	51.0mm
MZM4060	MZM4060C	6.0mm	6.0mm	12.0mm	51.0mm
MZM4065	MZM4065C	6.5mm	8.0mm	12.0mm	64.0mm
MZM4070	MZM4070C	7.0mm	8.0mm	15.0mm	64.0mm
MZM4075	MZM4075C	7.5mm	8.0mm	15.0mm	64.0mm
MZM4080	MZM4080C	8.0mm	8.0mm	15.0mm	64.0mm
MZM4085	MZM4085C	8.5mm	10.0mm	15.0mm	70.0mm
MZM4090	MZM4090C	9.0mm	10.0mm	15.0mm	70.0mm
MZM4095	MZM4095C	9.5mm	10.0mm	15.0mm	70.0mm
MZM4100	MZM4100C	10.0mm	10.0mm	18.0mm	70.0mm
MZM4110	MZM4110C	11.0mm	12.0mm	18.0mm	76.0mm
MZM4120	MZM4120C	12.0mm	12.0mm	18.0mm	76.0mm
MZM4130	MZM4130C	13.0mm	16.0mm	20.0mm	88.0mm
MZM4140	MZM4140C	14.0mm	16.0mm	20.0mm	88.0mm
MZM4150	MZM4150C	15.0mm	16.0mm	25.0mm	88.0mm
MZM4160	MZM4160C	16.0mm	16.0mm	35.0mm	88.0mm
MZM4170	MZM4170C	17.0mm	20.0mm	35.0mm	100.0mm
MZM4180	MZM4180C	18.0mm	20.0mm	40.0mm	100.0mm
MZM4190	MZM4190C	19.0mm	20.0mm	40.0mm	100.0mm
MZM4200	MZM4200C	20.0mm	20.0mm	40.0mm	100.0mm
MZM4220	MZM4220C	22.0mm	25.0mm	40.0mm	100.0mm
MZM4250	MZM4250C	25.0mm	25.0mm	40.0mm	100.0mm



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