





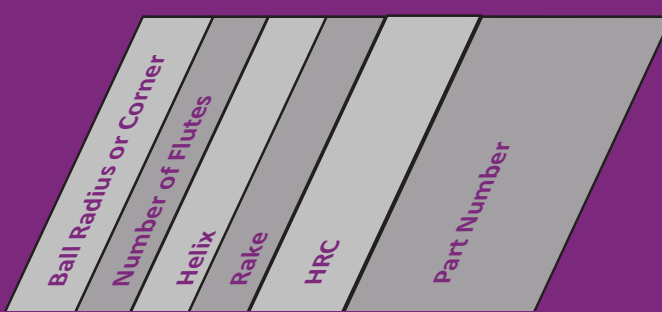
**Corner Radius Endmill Necked**

1/8x1/8x1/8x2-1/4 4FL .010 Corner Radius Endmill .115x1/2 Neck,	1/8	1/8	1/8	2-1/4	.115	1/2	
1/8x1/8x1/8x2-1/4 4FL .015 Corner Radius Endmill .115x1/2 Neck,	1/8	1/8	1/8	2-1/4	.115	1/2	
1/8x1/8x1/8x2-1/4 4FL .020 Corner Radius Endmill .115x1/2 Neck,	1/8	1/8	1/8	2-1/4	.115	1/2	
3/16x3/16x3/16x2-1/2 4FL .010 Corner Radius Endmill .175x1/2 Neck,	3/16	3/16	3/16	2-1/4	.175	1/2	
3/16x3/16x3/16x2-1/2 4FL .020 Corner Radius Endmill .175x1/2 Neck,	3/16	3/16	3/16	2-1/4	.175	1/2	
3/16x3/16x3/16x2-1/2 4FL .030 Corner Radius Endmill .175x1/2 Neck,	3/16	3/16	3/16	2-1/4	.175	1/2	
1/4x1/4x1/4x2-1/2 6FL .010 Corner Radius Endmill .230x3/4 Neck,	1/4	1/4	1/4	2-1/2	.230	3/4	
1/4x1/4x1/4x2-1/2 6FL .020 Corner Radius Endmill .230x3/4 Neck,	1/4	1/4	1/4	2-1/2	.230	3/4	
1/4x1/4x1/4x2-1/2 6FL .030 Corner Radius Endmill .230x3/4 Neck,	1/4	1/4	1/4	2-1/2	.230	3/4	
1/4x1/4x1/4x3 6FL .030 Corner Radius Endmill .230x3/4 Neck,	1/4	1/4	1/4	3	.230	3/4	
3/8x3/8x3/8x3 6FL .010 Corner Radius Endmill .345x1 Neck,	3/8	3/8	3/8	3	.345	1	
3/8x3/8x3/8x3 6FL .020 Corner Radius Endmill .345x1 Neck,	3/8	3/8	3/8	3	.345	1	
3/8x3/8x3/8x3 6FL .030 Corner Radius Endmill .345x1 Neck,	3/8	3/8	3/8	3	.345	1	
1/2x1/2x1/2x3-1/2 6FL .015 Corner Radius Endmill .460x1 Neck,	1/2	1/2	1/2	3-1/4	.460	1	
1/2x1/2x1/2x3-1/2 6FL .030 Corner Radius Endmill .460x1 Neck,	1/2	1/2	1/2	3-1/4	.460	1	
1/2x1/2x1/2x3-1/2 6FL .060 Corner Radius Endmill .460x1 Neck,	1/2	1/2	1/2	3-1/4	.460	1	
1/2x1/2x1/2x4 6FL .060 Corner Radius Endmill .460x1 Neck,	1/2	1/2	1/2	4	.460	1	

**Corner Radius Long Length Endmill Necked**

1/8x1/8x1/8x4 4FL .010 Corner Radius Long Endmill .115x1-1/4 Neck,	1/8	1/8	1/8	4	.115	1-1/4	
1/8x1/8x1/8x4 4FL .015 Corner Radius Long Endmill .115x1-1/4 Neck,	1/8	1/8	1/8	4	.115	1-1/4	
1/8x1/8x1/8x4 4FL .020 Corner Radius Long Endmill .115x1-1/4 Neck,	1/8	1/8	1/8	4	.115	1-1/4	
3/16x3/16x3/16x4 4FL .010 Corner Radius Long Endmill .175x1-1/2 Neck,	3/16	3/16	3/16	4	.175	1-1/2	
3/16x3/16x3/16x4 4FL .020 Corner Radius Long Endmill .175x1-1/2 Neck,	3/16	3/16	3/16	4	.175	1-1/2	
3/16x3/16x3/16x4 4FL .030 Corner Radius Long Endmill .175x1-1/2 Neck,	3/16	3/16	3/16	4	.175	1-1/2	
1/4x1/4x1/4x6 6FL .010 Corner Radius Long Endmill .230x2 Neck,	1/4	1/4	1/4	6	.230	2	
1/4x1/4x1/4x6 6FL .020 Corner Radius Long Endmill .230x2 Neck,	1/4	1/4	1/4	6	.230	2	
1/4x1/4x1/4x6 6FL .030 Corner Radius Long Endmill .230x2 Neck,	1/4	1/4	1/4	6	.230	2	
3/8x3/8x3/8x6 6FL .010 Corner Radius Long Endmill .345x2-1/4 Neck,	3/8	3/8	3/8	6	.345	2-1/4	
3/8x3/8x3/8x6 6FL .020 Corner Radius Long Endmill .345x2-1/4 Neck,	3/8	3/8	3/8	6	.345	2-1/4	
3/8x3/8x3/8x6 6FL .030 Corner Radius Long Endmill .345x2-1/4 Neck,	3/8	3/8	3/8	6	.345	2-1/4	
1/2x1/2x1/2x6 6FL .015 Corner Radius Long Endmill .460x2-1/2 Neck,	1/2	1/2	1/2	6	.460	2-1/2	
1/2x1/2x1/2x6 6FL .030 Corner Radius Long Endmill .460x2-1/2 Neck,	1/2	1/2	1/2	6	.460	2-1/2	
1/2x1/2x1/2x6 6FL .060 Corner Radius Long Endmill .460x2-1/2 Neck,	1/2	1/2	1/2	6	.460	2-1/2	





	.010	4	45°	5°	<48	501-0001R.010
	.015	4	45°	5°	<48	501-0001R.015
	.020	4	45°	5°	<48	501-0001R.020
	.010	4	45°	5°	<48	501-0002R.010
	.020	4	45°	5°	<48	501-0002R.020
	.030	4	45°	5°	<48	501-0002R.030
	.010	6	45°	5°	<48	501-0004R.010
	.020	6	45°	5°	<48	501-0004R.020
	.030	6	45°	5°	<48	501-0004R.030
	.030	6	45°	5°	<48	501-0005R.030
	.010	6	45°	5°	<48	501-0006R.010
	.020	6	45°	5°	<48	501-0006R.020
	.030	6	45°	5°	<48	501-0006R.030
	.015	6	45°	5°	<48	501-0007R.015
	.030	6	45°	5°	<48	501-0007R.030
	.060	6	45°	5°	<48	501-0007R.060
	.060	6	45°	5°	<48	501-0008R.060
	.010	4	45°	5°	<48	501-0101R.010
	.015	4	45°	5°	<48	501-0101R.015
	.020	4	45°	5°	<48	501-0101R.020
	.010	4	45°	5°	<48	501-0102R.010
	.020	4	45°	5°	<48	501-0102R.020
	.030	4	45°	5°	<48	501-0102R.030
	.010	6	45°	5°	<48	501-0104R.010
	.020	6	45°	5°	<48	501-0104R.020
	.030	6	45°	5°	<48	501-0104R.030
	.010	6	45°	5°	<48	501-0106R.010
	.020	6	45°	5°	<48	501-0106R.020
	.030	6	45°	5°	<48	501-0106R.030
	.015	6	45°	5°	<48	501-0107R.015
	.030	6	45°	5°	<48	501-0107R.030
	.060	6	45°	5°	<48	501-0107R.060

**Available Uncoated (Bright)**  
**Also available with coatings:**  
**TiAlN (Power A)**  
**PowerRD**  
**PowerDLC**

**For pricing and order placement contact**  
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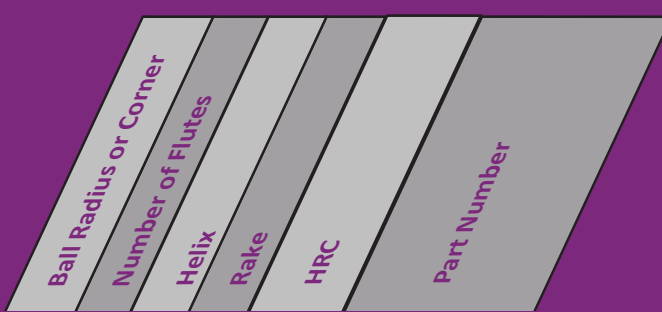
**Ball Nose Endmill Necked**

1/32x1/32x1/8x2-1/2 2FL Ball Endmill .027x3/32 Neck,	1/32	1/32	1/8	2-1/2	.027	3/32	
1/16x1/16x1/8x2-1/2 2FL Ball Endmill .053x3/16 Neck,	1/16	1/16	1/8	2-1/2	.053	3/16	
1/16x1/16x1/4x2 2FL Ball Endmill .053x3/16 Neck	1/16	1/16	1/4	2	.053	3/16	
1/16x1/16x1/4x2-1/2 2FL Ball Endmill .053x3/16 Neck	1/16	1/16	1/4	2-1/2	.053	3/16	
5/64x1/8x1/8x2 2FL Ball Endmill .067x3/16 Neck	5/64	1/8	1/8	2	.067	3/16	
1/8x1/8x1/8x3 2FL Ball Endmill .115x3/8 Neck	1/8	1/8	1/8	3	.115	3/8	
1/8x1/8x1/4x2-1/4 2FL Ball Endmill .115x3/8 Neck	1/8	1/8	1/4	2-1/4	.115	3/8	
1/8x1/8x1/4x3 2FL Ball Endmill .115x3/8 Neck	1/8	1/8	1/4	3	.115	3/8	
3/16x3/16x3/16x3 2FL Ball Endmill .175x9/16 Neck	3/16	3/16	3/16	3	.175	9/16	
3/16x3/16x3/16x4 2FL Ball Endmill .175x9/16 Neck	3/16	3/16	3/16	4-1/4	.175	9/16	
3/16x3/16x1/4x2-1/4 2FL Ball Endmill .175x9/16 Neck	3/16	3/16	1/4	2-1/4	.175	9/16	
3/16x3/16x1/4x3 2FL Ball Endmill .175x9/16 Neck	3/16	3/16	1/4	3	.175	9/16	
1/4x1/4x1/4x2-1/4 2FL Ball Endmill .230x3/4 Neck	1/4	1/4	1/4	2-1/4	.230	3/4	
1/4x1/4x1/4x3 2FL Ball Endmill .230x1-1/2 Neck	1/4	1/4	1/4	2-1/4	.230	3/4	
5/16x5/16x5/16x3 2FL Ball Endmill .285x1Neck	5/16	5/16	5/16	3	.285	1	
3/8x3/8x3/8x2-1/2 2FL Ball Endmill .345x5/8 Neck	3/8	3/8	3/8	2-1/2	.345	5/8	
3/8x3/8x3/8x3-1/2 2FL Ball Endmill .345x1-1/8 Neck	3/8	3/8	3/8	3-1/2	.345	1-1/8	
1/2x1/2x1/2x3 2FL Ball Endmill .460x 3/4 Neck	1/2	1/2	1/2	3	.460	3/4	
1/2x1/2x1/2x4 2FL Ball Endmill .460x 1-1/8 Neck	1/2	1/2	1/2	4	.460	1-1/8	
5/8x5/8x5/8x4-1/2 2FL Ball Endmill .575x2-1/4 Neck	5/8	5/8	5/8	4-1/2	.575	2-1/4	

**Ball Nose Long Length Endmill Necked**

1/8x1/8x1/4x4 2FL Ball Long Endmill .115x3/8 Neck	1/8	1/8	1/4	4	.115	3/8	
3/16x3/16x1/4x4 2FL Ball Long Endmill .175x9/16 Neck	3/16	3/16	1/4	4	.175	9/16	
1/4x1/4x1/4x6 2FL Ball Long Endmill .230x3/4 Neck	1/4	1/4	1/4	6	.230	3/4	
5/16x5/16x5/16x6 2FL Ball Long Endmill .288x15/16 Neck	5/16	5/16	5/16	6	.288	15/16	
3/8x3/8x3/8x6 2FL Ball Long Endmill .345x1-1/8 Neck	3/8	3/8	3/8	6	.345	1-1/8	
7/16x7/16x7/16x6 2FL Ball Long Endmill .403x1-1/4 Neck	7/16	7/16	7/16	6	.403	1-1/4	
1/2x1/2x1/2x6 2FL Ball Long Endmill .460x1-1/2 Neck	1/2	1/2	1/2	6	.460	1-1/2	





	1/64	2	30°	-10°	<58	501-0201
	1/32	2	30°	-10°	<58	501-0202
	1/32	2	30°	-10°	<58	501-0203
	1/32	2	30°	-10°	<58	501-0204
	5/128	2	30°	-10°	<58	501-0205
	1/16	2	30°	-10°	<58	501-0206
	1/16	2	30°	-10°	<58	501-0207
	1/16	2	30°	-10°	<58	501-0208
	3/32	2	30°	-10°	<58	501-0209
	3/32	2	30°	-10°	<58	501-0210
	3/32	2	30°	-10°	<58	501-0211
	3/32	2	30°	-10°	<58	501-0212
	1/8	2	30°	-10°	<58	501-0213
	1/8	2	30°	-10°	<58	501-0214
	5/32	2	30°	-10°	<58	501-0215
	3/16	2	30°	-10°	<58	501-0216
	3/16	2	30°	-10°	<58	501-0217
	1/4	2	30°	-10°	<58	501-0218
	1/4	2	30°	-10°	<58	501-0219
	5/16	2	30°	-10°	<58	501-0220
	1/16	2	30°	-10°	<70	501-0301
	3/32	2	30°	-10°	<70	501-0302
	1/8	2	30°	-10°	<70	501-0303
	5/32	2	30°	-10°	<70	501-0304
	3/16	2	30°	-10°	<70	501-0305
	7/32	2	30°	-10°	<70	501-0306
	1/4	2	30°	-10°	<70	501-0307

**Available Uncoated (Bright)**  
**Also available with coatings:**  
**TiAlN (Power A)**  
**PowerRD**  
**PowerDLC**

**For pricing and order  
 placement contact  
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**Or contact your distributor.**





**2FL Ball Nose Endmill**

1/32x1/32x1/8x2-1/4 2FL Ball Endmill	1/32	1/32	1/8	2-1/4			
1/16x1/16x1/8x2-1/4 2FL Ball Endmill	1/16	1/16	1/8	2-1/4			
1/8x1/8x1/8x2-1/4 2FL Ball Endmill	1/8	1/8	1/8	2-1/4			
3/16x3/16x3/16x2-1/4 2FL Ball Endmill	3/16	3/16	3/16	2-1/4			
1/4x1/4x1/4x2-1/4 2FL Ball Endmill	1/4	1/4	1/4	2-1/4			
1/4x1/4x1/4x4 2FL Ball Endmill	1/4	1/4	1/4	4			
5/16x5/16x5/16x2-1/2 2FL Ball Endmill	5/16	5/16	5/16	2-1/2			
3/8x3/8x3/8x3 2FL Ball Endmill	3/8	3/8	3/8	3			
3/8x3/8x3/8x4 2FL Ball Endmill	3/8	3/8	3/8	4			
1/2x1/2x1/2x3-1/2 2FL Ball Endmill	1/2	1/2	1/2	3-1/4			
1/2x1/2x1/2x4 2FL Ball Endmill	1/2	1/2	1/2	4			

**4FL Ball Nose Endmill**

1/8x1/2x1/8x2-1/4 4FL Ball Endmill	1/8	1/2	1/8	2-1/4			
3/16x5/8x3/16x2-1/4 4FL Ball Endmill	3/16	5/8	3/16	2-1/4			
1/4x3/4x1/4x2-1/2 4FL Ball Endmill	1/4	3/4	1/4	2-1/2			
5/16x1x5/16x2-1/2 4FL Ball Endmill	5/16	1	5/16	2-1/2			
3/8x1x3/8x3 4FL Ball Endmill With Flat	3/8	1	3/8	3			
7/16x1x7/16x3 4FL Ball Endmill With Flat	7/16	1	7/16	3			
1/2x1-1/4x1/2x3-1/2 4FL Ball Endmill With Flat	1/2	1-1/4	1/2	3-1/4			
5/8x1-1/4x5/8x3-1/2 4FL Ball Corner Radius Endmill With Flat	5/8	1-1/4	5/8	3-1/2			
3/4x1-1/2x3/4x4 4FL Ball Corner Radius Endmill With Flat	3/4	1-1/2	3/4	4			

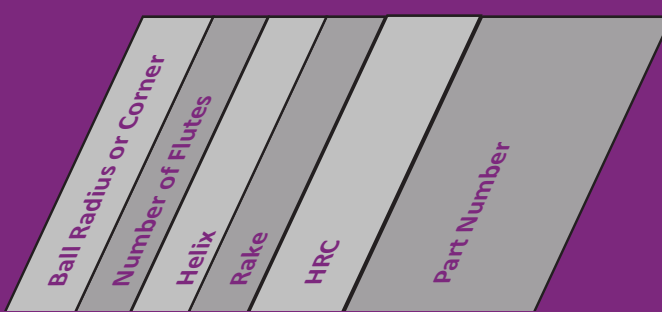
**Ball Nose Endmill 2XD Long Length - Microcut-LB2**

1x1.2x3x60 2FL Ball Endmill 0.95x2.0 Neck	1.0	1.2	3.0	60	0.95	2.0	
1.2x1.4x3x60 2FL Ball Endmill 1.15x2.4 Neck	1.2	1.4	3.0	60	1.15	2.4	
1.5x1.8x3x60 2FL Ball Endmill 1.45x3.0 Neck	1.5	1.8	3.0	60	1.45	3.0	
2x2.4x3x60 2FL Ball Endmill 1.95x4 Neck	2.0	2.4	3.0	60	1.95	4.0	
3x3.6x3x60 2FL Ball Endmill 2.95x6 Neck	3.0	3.6	3.0	60	2.95	6.0	

**Ball Nose Endmill 3XD - Microcut-B3**

1.0x1.2x3x50 2FL Ball Endmill 0.95x3 Neck	1.0	1.2	3.0	50	0.95	3.0	
1.2x1.8x3x50 2FL Ball Endmill 1.45x4.5 Neck	1.2	1.8	3.0	50	1.45	4.5	
2.0x2.4x3x50 2FL Ball Endmill 1.95x6 Neck	2.0	2.4	3.0	50	1.95	6.0	
2.5x3x3x50 2FL Ball Endmill 2.45x7.5 Neck	2.5	3.0	3.0	50	2.45	7.5	
3.0x3.6x3x50 2FL Ball Endmill 2.95x9 Neck	3.0	3.6	3.0	50	2.95	9.0	





	1/64	2	30°	-10°	<58	501-0401
	1/32	2	30°	-10°	<58	501-0402
	1/16	2	30°	-10°	<58	501-0403
	3/32	2	30°	-10°	<58	501-0404
	1/8	2	30°	-10°	<58	501-0405
	1/8	2	30°	-10°	<58	501-0406
	5/32	2	30°	-10°	<58	501-0407
	3/16	2	30°	-10°	<58	501-0408
	3/16	2	30°	-10°	<58	501-0409
	1/4	2	30°	-10°	<58	501-0410
	1/4	2	30°	-10°	<58	501-0411
	1/16	4	30°	10°	<48	501-0501
	3/32	4	30°	10°	<48	501-0502
	1/8	4	30°	10°	<48	501-0503
	5/32	4	30°	10°	<48	501-0504
	3/16	4	30°	10°	<48	501-0505
	7/32	4	30°	10°	<48	501-0506
	1/4	4	30°	10°	<48	501-0507
	5/16	4	30°	10°	<48	501-0508
	3/8	4	30°	10°	<48	501-0509
	.50	2	30°	5°	32-52	501-0601
	.60	2	30°	5°	32-52	501-0602
	.75	2	30°	5°	32-52	501-0603
	1.0	2	30°	5°	32-52	501-0604
	1.5	2	30°	5°	32-52	501-0605
	0.50	2	30°	5°	32-52	501-0701
	0.75	2	30°	5°	32-52	501-0702
	1.00	2	30°	5°	32-52	501-0703
	1.25	2	30°	5°	32-52	501-0704
	1.50	2	30°	5°	32-52	501-0705

**Available Uncoated (Bright)**  
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**TiAlN (Power A)**  
**PowerRD**  
**PowerDLC**

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**Ball Nose Endmill 3XD High Strength - Microcut-B3H**

1.0x1.2x3x50 2FL Ball Endmill 0.95x3 Neck	1.0	1.2	3	50	0.95	3	
1.2x1.8x3x50 2FL Ball Endmill 1.45x4.5 Neck	1.2	1.8	3	50	1.45	4.5	
2.0x2.4x3x50 2FL Ball Endmill 1.95x6 Neck	2.0	2.4	3	50	1.95	6	
2.5x3x3x50 2FL Ball Endmill 2.45x7.5 Neck	2.5	3	3	50	2.45	7.5	
3.0x3.6x3x50 2FL Ball Endmill 2.95x9 Neck	3.0	3.6	3	50	2.95	9	

**Ball Nose Endmill 5XD - Microcut-B5**

1x1.2x3x50 2FL Ball Endmill .95x5 Neck	1	1.2	3	50	.95	5	
1.2x1.4x3x50 2FL Ball Endmill 1.15x6 Neck	1.2	1.4	3	50	1.15	6	
1.5x1.8x3x50 2FL Ball Endmill 1.45x7.5 Neck	1.5	1.8	3	50	1.45	7.5	
1.8x2.2x3x50 2FL Ball Endmill 1.75x9 Neck	1.8	2.2	3	50	1.75	9	
2x2.4x3x50 2FL Ball Endmill 1.95x10 Neck	2	2.4	3	50	1.95	10	
2.3x2.8x3x50 2FL Ball Endmill, 2.25x11.5 Neck	2.3	3	3	50	2.45	12.5	
2.5x3x3x50 2FL Ball Endmill 2.45x12.5 Neck	2.5	3	3	50	2.45	12.5	
2.8x3.4x3x50 2FL Ball Endmill 2.75x14 Neck	2.8	3.4	3	50	2.75	14	
3x3.6x3x50 2FL Ball Endmill 2.95x15 Neck	3	3.6	3	50	2.95	15	

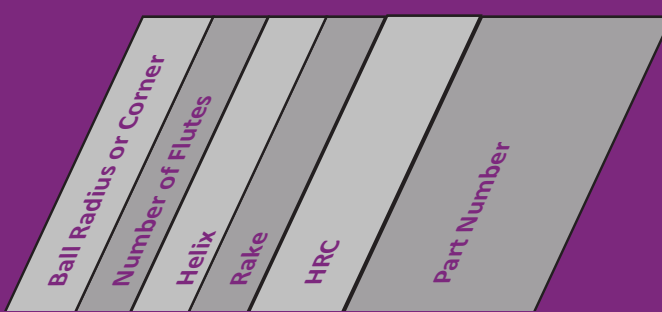
**Ball Nose Endmill 5XD High Strength - Microcut-B5H**

1x1.2x3x50 2FL Ball Endmill .95x5 Neck	1	1.2	3	50	.95	5	
1.2x1.4x3x50 2FL Ball Endmill 1.15x6 Neck	1.2	1.4	3	50	1.15	6	
1.5x1.8x3x50 2FL Ball Endmill 1.45x7.5 Neck	1.5	1.8	3	50	1.45	7.5	
1.8x2.2x3x50 2FL Ball Endmill 1.75x9 Neck	1.8	2.2	3	50	1.75	9	
2x2.4x3x50 2FL Ball Endmill 1.95x10 Neck	2	2.4	3	50	1.95	10	
2.3x2.8x3x50 2FL Ball Endmill, 2.25x11.5 Neck	2.3	3	3	50	2.45	12.5	
2.5x3x3x50 2FL Ball Endmill 2.45x12.5 Neck	2.5	3	3	50	2.45	12.5	
2.8x3.4x3x50 2FL Ball Endmill 2.75x14 Neck	2.8	3.4	3	50	2.75	14	
3x3.6x3x50 2FL Ball Endmill 2.95x15 Neck	3	3.6	3	50	2.95	15	

**Ball Nose Endmill 8XD - Microcut-B8**

1x1.2x3x50 2FL Ball Endmill 0.95x8 Neck	1	1.2	3	50	0.95	8	
1.2x1.4x3x50 2FL Ball Endmill 1.15x9.6 Neck	1.2	1.4	3	50	1.15	9.6	
1.5x1.8x3x60 2FL Ball Endmill 1.45x12 Neck	1.5	1.8	3	60	1.45	12	
2x2.4x3x60 2FL Ball Endmill 1.95x16 Neck	2	2.4	3	60	1.95	16	
2.5x3x3x60 2FL Ball Endmill 2.45x20 Neck	2.5	3	3	60	2.45	20	
3x3.6x3x60 2FL Ball Endmill 2.95x24 Neck	3	3.6	3	60	2.95	24	





	0.5	2	30°	-10°	>52	501-0801
	0.75	2	30°	-10°	>52	501-0802
	1	2	30°	-10°	>52	501-0803
	1.25	2	30°	-10°	>52	501-0804
	1.5	2	30°	-10°	>52	501-0805
	0.5	2	30°	5°	32-52	501-0901
	0.6	2	30°	5°	32-52	501-0902
	0.75	2	30°	5°	32-52	501-0903
	0.90	2	30°	5°	32-52	501-0904
	1	2	30°	5°	32-52	501-0905
	1.15	2	30°	5°	32-52	501-0906
	1.25	2	30°	5°	32-52	501-0907
	1.4	2	30°	5°	32-52	501-0908
	1.5	2	30°	5°	32-52	501-0909
	0.5	2	30°	-10°	>52	501-1001
	0.6	2	30°	-10°	>52	501-1002
	0.75	2	30°	-10°	>52	501-1003
	0.90	2	30°	-10°	>52	501-1004
	1	2	30°	-10°	>52	501-1005
	1.15	2	30°	-10°	>52	501-1006
	1.25	2	30°	-10°	>52	501-1007
	1.4	2	30°	-10°	>52	501-1008
	1.5	2	30°	-10°	>52	501-1009
	0.5	2	30°	5°	32-52	501-1101
	0.5	2	30°	5°	32-52	501-1102
	0.75	2	30°	5°	32-52	501-1103
	1	2	30°	5°	32-52	501-1104
	1.25	2	30°	5°	32-52	501-1105
	1.5	2	30°	5°	32-52	501-1106

**Available Uncoated (Bright)**  
**Also available with coatings:**  
**TiAlN (Power A)**  
**PowerRD**  
**PowerDLC**

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Email: [sales@mastercuttool.com](mailto:sales@mastercuttool.com)**

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**Ball Nose Endmill 8XD High Strength - Microcut-B8H**

1x1.2x3x50 2FL Ball Endmill 0.95x8 Neck	1	1.2	3	50	0.95	8	
1.2x1.4x3x50 2FL Ball Endmill 1.15x9.6 Neck	1.2	1.4	3	50	1.15	9.6	
1.5x1.8x3x60 2FL Ball Endmill 1.45x12 Neck	1.5	1.8	3	60	1.45	12	
2x2.4x3x60 2FL Ball Endmill 1.95x16 Neck	2	2.4	3	60	1.95	16	
2.5x3x3x60 2FL Ball Endmill 2.45x20 Neck	2.5	3	3	60	2.45	20	
3x3.6x3x60 2FL Ball Endmill 2.95x24 Neck	3	3.6	3	60	2.95	24	

**Bull Nose Endmill 3XD - Microcut-T3**

3x3.6x3x50 2FL .20mm Corner Radius Endmill 2.95x9 Neck	3	3.6	3	50	2.95	9	
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**Bull Nose Endmill 3XD High Strength - Microcut-T3H**

3x3.6x3x50 2FL .20mm Corner Radius Endmill 2.95x9 Neck	3	3.6	3	50	2.95	9	
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**Bull Nose Endmill 5XD - Microcut-T5**

3x3.6x3x50 2FL .20mm Corner Radius Endmill 2.95x15 Neck	3	3.6	3	50	2.95	15	
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**Bull Nose Endmill 5XD High Strength - Microcut-T5H**

3x3.6x3x50 2FL .20mm Corner Radius Endmill 2.95x15 Neck	3	3.6	3	50	2.95	15	
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**Bull Nose Endmill 8XD - Microcut-T8**

3x3.6x3x60 2FL .20mm Corner Radius Endmill 2.95x24 Neck	3	3.6	3	60	2.95	24	
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**Bull Nose Endmill 8XD High Strength - Microcut-T8H**

3x3.6x3x60 2FL .20mm Corner Radius Endmill 2.95x24 Neck	3	3.6	3	60	2.95	24	
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**45° Chamfer Endmill 3XD - Microcut-C3**

2x2.4x3x60 2FL 45° Chamfer Endmill 1.95x6 Neck	2	2.4	3	60	1.95	6	
2.5x3x3x60 2FL 45° Chamfer Endmill 2.45x7.5 Neck	2.5	3	3	60	2.45	7.5	
3x3.6x3x60 2FL 45° Chamfer Endmill 2.95x9 Neck	3	3.6	3	60	2.95	9	

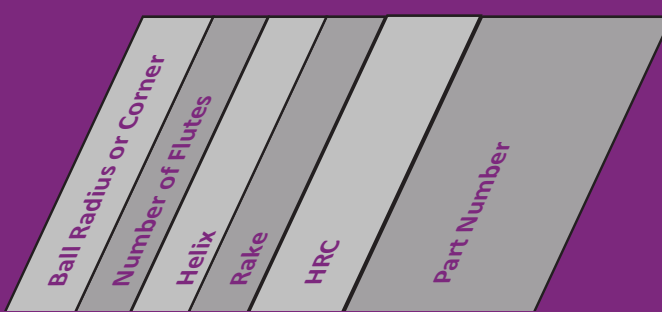
**45° Chamfer Endmill 3XD High Strength - Microcut-C3H**

2x2.4x3x60 2FL 45° Chamfer Endmill 1.95x6 Neck	2	2.4	3	60	1.95	6	
2.5x3x3x60 2FL 45° Chamfer Endmill 2.45x7.5 Neck	2.5	3	3	60	2.45	7.5	
3x3.6x3x60 2FL 45° Chamfer Endmill 2.95x9 Neck	3	3.6	3	60	2.95	9	

**45° Chamfer Endmill 5XD - Microcut-C5**

2x2.4x3x60 2FL 45° Chamfer Endmill 1.95x10 Neck	2	2.4	3	60	1.95	10	
2.3x2.8x3x50 2FL 45° Chamfer Endmill 2.25x11.5 Neck	2.3	2.8	3	50	2.25	11.5	
2.5x3x3x60 2FL 45° Chamfer Endmill 2.45x12.5 Neck	2.5	3	3	60	2.45	12.5	
2.8x3.4x3x50 2FL 45° Chamfer Endmill 2.75x14 Neck	2.8	3.4	3	50	2.75	14	
3x3.6x3x60 2FL 45° Chamfer Endmill 2.95x9 Neck	3	3.6	3	60	2.95	9	





	0.5	2	30°	-10°	>52	501-1201
	0.5	2	30°	-10°	>52	501-1202
	0.75	2	30°	-10°	>52	501-1203
	1	2	30°	-10°	>52	501-1204
	1.25	2	30°	-10°	>52	501-1205
	1.5	2	30°	-10°	>52	501-1206
	.20	2	25°	6°	32-52	501-1406
	.20	2	25°	-10°	>52	501-1506
	.20	2	25°	6°	32-52	501-1606
	.20	2	25°	-10°	>52	501-1706
	.20	2	25°	6°	32-52	501-1806
	.20	2	25°	-10°	>52	501-1906
		2	25°	6°	32-52	501-2004
		2	25°	6°	32-52	501-2005
		2	25°	6°	32-52	501-2006
		2	25°	-10°	>52	501-2104
		2	25°	-10°	>52	501-2105
		2	25°	-10°	>52	501-2106
		2	25°	6°	32-52	501-2205
		2	25°	6°	32-52	501-2206
		2	25°	6°	32-52	501-2207
		2	25°	6°	32-52	501-2208
		2	25°	6°	32-52	501-2209

**Available Uncoated (Bright)**  
**Also available with coatings:**  
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**PowerRD**  
**PowerDLC**

**For pricing and order placement contact**  
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**Fax: (727) 725-2532**  
**Email: sales@mastercuttool.com**

**Or contact your distributor.**





**45° Chamfer Endmill 5XD High Strength - Microcut-C5H**

2x2.4x3x60 2FL 45° Chamfer Endmill 1.95x10 Neck	2	2.4	3	60	1.95	10	
2.3x2.8x3x50 2FL 45° Chamfer Endmill 2.25x11.5 Neck	2.3	2.8	3	50	2.25	11.5	
2.5x3x3x60 2FL 45° Chamfer Endmill 2.45x12.5 Neck	2.5	3	3	60	2.45	12.5	
2.8x3.4x3x50 2FL 45° Chamfer Endmill 2.75x14 Neck	2.8	3.4	3	50	2.75	14	
3x3.6x3x60 2FL 45° Chamfer Endmill 2.95x9 Neck	3	3.6	3	60	2.95	9	

**45° Chamfer Endmill 8XD - Microcut-C8**

2x2.4x3x60 2FL 45° Chamfer Endmill 1.95x16 Neck	2	2.4	3	60	1.95	16	
2.5x3x3x60 2FL 45° Chamfer Endmill 2.45x20 Neck	2.5	3.0	3	60	2.45	20	
3x3.6x3x60 2FL 45° Chamfer Endmill 2.95x24 Neck	3	3.6	3	60	2.95	24	

**45° Chamfer Endmill 8XD High Strength - Microcut-C8H**

2x2.4x3x60 2FL 45° Chamfer Endmill 1.95x16 Neck	2	2.4	3	60	1.95	16	
2.5x3x3x60 2FL 45° Chamfer Endmill 2.45x20 Neck	2.5	3.0	3	60	2.45	20	
3x3.6x3x60 2FL 45° Chamfer Endmill 2.95x24 Neck	3	3.6	3	60	2.95	24	

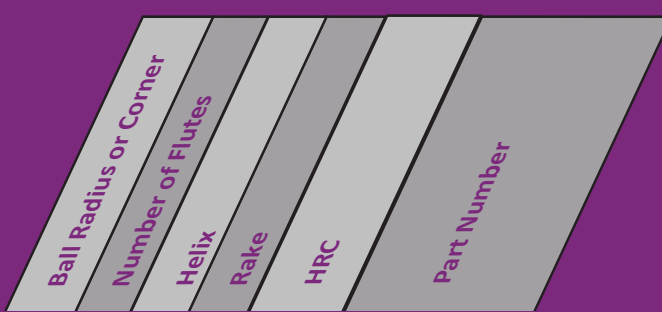
**Bull Nose Roughing Endmill Necked**

1/4x5/16x1/4x2-1/2 4FL .060 Corner Radius Roughing Endmill .230x 1/2 Neck	1/4	5/16	1/4	2-1/2	.230	1/2	
5/16x3/8x5/16x2-1/2 4FL .060 Corner Radius Roughing Endmill .288x1/2 Neck	5/16	3/8	5/16	2-1/2	.288	1/2	
3/8x7/16x3/8x2-1/2 4FL .080 Corner Radius Roughing Endmill .345x1/2 Neck	3/8	7/16	3/8	2-1/2	.345	1/2	
7/16x1/2x7/16x3 4FL .080 Corner Radius Roughing Endmill .403x 9/16 Neck	7/16	1/2	7/16	3	.403	9/16	
1/2x9/16x1/2x3 4FL .090 Corner Radius Roughing Endmill .460x5/8 Neck	1/2	9/16	1/2	3	.460	5/8	
5/8x3/4x5/8x3-1/2 4FL .090 Corner Radius Roughing Endmill .575x3/4 Neck	5/8	3/4	5/8	3-1/2	.575	3/4	
3/4x13/16x3/4x4 4FL .120 Corner Radius Roughing Endmill .710x 7/8 Neck	3/4	13/16	3/4	4	.710	7/8	

**Roughing Endmill Necked**

1/8x5/32x1/8x1-1/2 4FL 45° Chamfer Roughing Endmill .115x3/8 Neck	1/8	5/32	1/8	1-1/2	.115	3/8	
3/16x1/4x3/16x2 4FL 45° Chamfer Roughing Endmill .175x1/2 Neck	3/16	1/4	3/16	2	.175	1/2	
1/4x5/16x1/4x2-1/2 4FL 45° Chamfer Roughing Endmill .230x1/2 Neck	1/4	5/16	1/4	2-1/2	.230	1/2	
5/16x3/8x5/16x2-1/2 4FL 45° Chamfer Roughing Endmill .288x1/2 Neck	5/16	3/8	5/16	2-1/2	.288	1/2	
3/8x7/16x3/8x2-1/2 4FL 45° Chamfer Roughing Endmill .345x1/2 Neck	3/8	7/16	3/8	2-1/2	.345	1/2	
7/16x1/2x7/16x3 4FL 45° Chamfer Roughing Endmill .403x9/16 Neck	7/16	1/2	7/16	3	.403	9/16	
1/2x9/16x1/2x3 4FL 45° Chamfer Roughing Endmill .460x5/8 Neck	1/2	9/16	1/2	3	.460	5/8	
5/8x3/4x5/8x3-1/2 4FL 45° Chamfer Roughing Endmill .575x3/4 Neck	5/8	3/4	5/8	3-1/2	.575	3/4	
3/4x13/16x3/4x4 4FL 45° Chamfer Roughing Endmill .710x7/8 Neck	3/4	13/16	3/4	4	.710	7/8	





		2	25°	-10°	>52	501-2305
		2	25°	-10°	>52	501-2306
		2	25°	-10°	>52	501-2307
		2	25°	-10°	>52	501-2308
		2	25°	-10°	>52	501-2309
		2	25°	6°	32-52	501-2404
		2	25°	6°	32-52	501-2405
		2	25°	6°	32-52	501-2406
		2	25°	-10°	>52	501-2504
		2	25°	-10°	>52	501-2505
		2	25°	-10°	>52	501-2506
	.060	4	55°	-10°	<70	501-2601
	.060	4	55°	-10°	<70	501-2602
	.080	4	55°	-10°	<70	501-2603
	.080	4	55°	-10°	<70	501-2604
	.090	4	55°	-10°	<70	501-2605
	.090	4	55°	-10°	<70	501-2606
	.120	4	55°	-10°	<70	501-2607
		4	55°	-10°	<70	501-2701
		4	55°	-10°	<70	501-2702
		4	55°	-10°	<70	501-2703
		4	55°	-10°	<70	501-2704
		4	55°	-10°	<70	501-2705
		4	55°	-10°	<70	501-2706
		4	55°	-10°	<70	501-2707
		4	55°	-10°	<70	501-2708
		4	55°	-10°	<70	501-2709

**Available Uncoated (Bright)**

**Also available with coatings:**

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**PowerDLC**

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**Description**

1/8x5/16x1/8x2-1/2 4FL Square Multi-Helix Endmill, .115x1/2 Neck, No Flat	
1/8x5/16x1/8x2-1/2 4FL .015 Corner Radius Multi-Helix Endmill, .115x1/2 Neck, No Flat	
1/8x5/16x1/8x2-1/2 4FL Ball Multi-Helix Endmill, .115x1/2 Neck, No Flat	
1/8x5/16x1/8x2-1/2 4FL Square Multi-Helix Endmill, .115x1/2 Neck, With Flat	
1/8x5/16x1/8x2-1/2 4FL .015 Corner Radius Multi-Helix Endmill, .115x1/2 Neck, With Flat	
1/8x5/16x1/8x2-1/2 4FL Ball Multi-Helix Endmill, .115x1/2 Neck, With Flat	
3/16x3/8x3/16x3 4FL Square Multi-Helix Endmill, .175x3/4 Neck, No Flat	
3/16x3/8x3/16x3 4FL .015 Corner Radius Multi-Helix Endmill, .175x3/4 Neck, No Flat	
3/16x3/8x3/16x3 4FL Ball Multi-Helix Endmill, .175x3/4 Neck, No Flat	
3/16x3/8x3/16x3 4FL Square Multi-Helix Endmill, .175x3/4 Neck, With Flat	
3/16x3/8x3/16x3 4FL .015 Corner Radius Multi-Helix Endmill, .175x3/4 Neck, With Flat	
3/16x3/8x3/16x3 4FL Ball Multi-Helix Endmill, .175x3/4 Neck, With Flat	
1/4x1/2x1/4x4 4FL Square Multi-Helix Endmill, .230x1 Neck, No Flat	
1/4x1/2x1/4x4 4FL .020 Corner Radius Multi-Helix Endmill, .230x1 Neck, No Flat	
1/4x1/2x1/4x4 4FL Ball Multi-Helix Endmill, .230x1 Neck, No Flat	
1/4x1/2x1/4x4 4FL Square Multi-Helix Endmill, .230x1 Neck, With Flat	
1/4x1/2x1/4x4 4FL .020 Corner Radius Multi-Helix Endmill, .230x1 Neck, With Flat	
1/4x1/2x1/4x4 4FL Ball Multi-Helix Endmill, .230x1 Neck, With Flat	
3/8x3/4x3/8x4 4FL Square Multi-Helix Endmill, .345x1 Neck, No Flat	
3/8x3/4x3/8x4 4FL .020 Corner Radius Multi-Helix Endmill, .345x1 Neck, No Flat	
3/8x3/4x3/8x4 4FL Ball Multi-Helix Endmill, .345x1 Neck, No Flat	
3/8x3/4x3/8x4 4FL Square Multi-Helix Endmill, .345x1 Neck, With Flat	
3/8x3/4x3/8x4 4FL .020 Corner Radius Multi-Helix Endmill, .345x1 Neck, With Flat	
3/8x3/4x3/8x4 4FL Ball Multi-Helix Endmill, .345x1 Neck, With Flat	



<i>Part ID</i>	
	V4M-57000NF
	V4M-57000R.015NF
	V4M-57004NF
	V4M-57000WF
	V4M-57000R.015WF
	V4M-57004WF
	V4M-57100NF
	V4M-57100R.015NF
	V4M-57104NF
	V4M-57100WF
	V4M-57100R.015WF
	V4M-57104WF
	V4M-57300NF
	V4M-57300R.020NF
	V4M-57304NF
	V4M-57300WF
	V4M-57300R.020WF
	V4M-57304WF
	V4M-57500NF
	V4M-57500R.020NF
	V4M-57504NF
	V4M-57500WF
	V4M-57500R.020WF
	V4M-57504WF

**Available Uncoated (Bright)**  
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**PowerRD**  
**PowerDLC**

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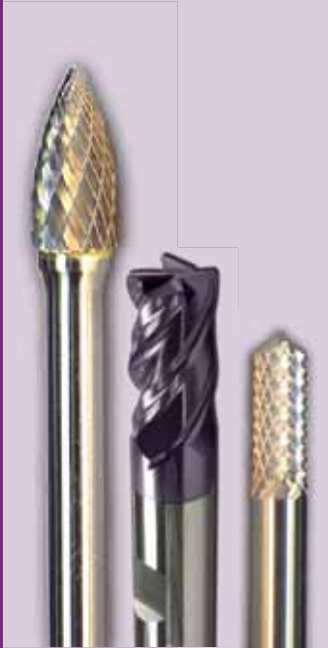


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