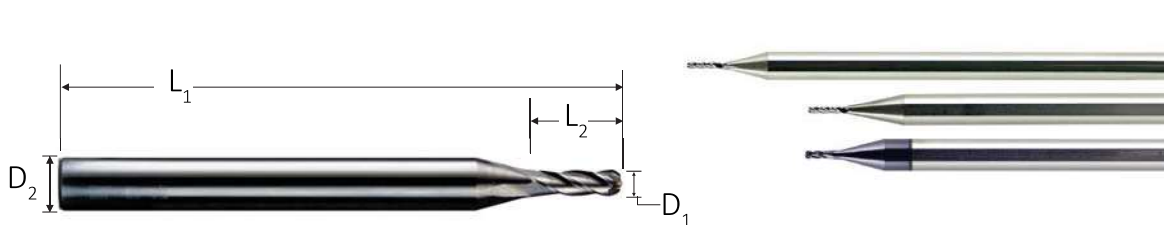


# SERIES: CCMG-\_\_-B

## 4 FLUTE MELIN MICRO BALL END MILLS



DIA D <sub>1</sub>	SHK D <sub>2</sub>	LOC L <sub>2</sub>	OAL L <sub>1</sub>	LENGTH	BRIGHT PART NAME	BRIGHT EDP	ALTiN EDP	DLC EDP
<b>0.010</b>	1/8	0.015	1-1/2	stub	CCMGS-.010-B	18860	58860	78860
<b>0.010</b>	1/8	0.030	1-1/2	std	CCMG-.010-B	13154	53154	73154
<b>0.011</b>	1/8	0.017	1-1/2	stub	CCMGS-.011-B	18861	58861	78861
<b>0.011</b>	1/8	0.033	1-1/2	std	CCMG-.011-B	18862	58862	78862
<b>0.012</b>	1/8	0.018	1-1/2	stub	CCMGS-.012-B	18863	58863	78863
<b>0.012</b>	1/8	0.036	1-1/2	std	CCMG-.012-B	18864	58864	78864
<b>0.013</b>	1/8	0.020	1-1/2	stub	CCMGS-.013-B	18865	58865	78865
<b>0.013</b>	1/8	0.039	1-1/2	std	CCMG-.013-B	18866	58866	78866
<b>0.014</b>	1/8	0.021	1-1/2	stub	CCMGS-.014-B	18867	58867	78867
<b>0.014</b>	1/8	0.042	1-1/2	std	CCMG-.014-B	18868	58868	78868
<b>0.015 (1/64)</b>	1/8	0.023	1-1/2	stub	CCMGS-.015-B	18869	58869	78869
<b>0.015 (1/64)</b>	1/8	0.045	1-1/2	std	CCMG-.015-B	13155	53155	73155
<b>0.015 (1/64)</b>	1/8	0.075	2-1/2	long flute	CCMG-.0150-LF-B	12392	52392	72392
<b>0.016</b>	1/8	0.024	1-1/2	stub	CCMGS-.016-B	18870	58870	78870
<b>0.016</b>	1/8	0.048	1-1/2	std	CCMG-.016-B	18871	58871	78871
<b>0.017</b>	1/8	0.026	1-1/2	stub	CCMGS-.017-B	18872	58872	78872
<b>0.017</b>	1/8	0.051	1-1/2	std	CCMG-.017-B	18873	58873	78873
<b>0.018</b>	1/8	0.027	1-1/2	stub	CCMGS-.018-B	18874	58874	78874
<b>0.018</b>	1/8	0.054	1-1/2	std	CCMG-.018-B	18875	58875	78875
<b>0.019</b>	1/8	0.029	1-1/2	stub	CCMGS-.019-B	18876	58876	78876
<b>0.019</b>	1/8	0.057	1-1/2	std	CCMG-.019-B	18877	58877	78877
<b>0.020</b>	1/8	0.030	1-1/2	stub	CCMGS-.020-B	18878	58878	78878
<b>0.020</b>	1/8	0.060	1-1/2	std	CCMG-.020-B	13156	53156	73156
<b>0.020</b>	1/8	0.100	2-1/2	long flute	CCMG-.0200-LF-B	12393	52393	72393
<b>0.021</b>	1/8	0.032	1-1/2	stub	CCMGS-.021-B	18879	58879	78879
<b>0.021</b>	1/8	0.063	1-1/2	std	CCMG-.021-B	18880	58880	78880
<b>0.022</b>	1/8	0.033	1-1/2	stub	CCMGS-.022-B	18881	58881	78881
<b>0.022</b>	1/8	0.066	1-1/2	std	CCMG-.022-B	18882	58882	78882

sizes continued on next page

# SERIES: CCMG-\_\_\_-B

## 4 FLUTE MELIN MICRO BALL END MILLS

DIA D <sub>1</sub>	SHK D <sub>2</sub>	LOC L <sub>2</sub>	OAL L <sub>1</sub>	LENGTH	BRIGHT PART NAME	BRIGHT EDP	ALTIN EDP	DLC EDP
<b>0.023</b>	1/8	0.035	1-1/2	stub	CCMGS-.023-B	18883	58883	78883
<b>0.023</b>	1/8	0.069	1-1/2	std	CCMG-.023-B	18884	58884	78884
<b>0.024</b>	1/8	0.036	1-1/2	stub	CCMGS-.024-B	18885	58885	78885
<b>0.024</b>	1/8	0.072	1-1/2	std	CCMG-.024-B	18916	58916	78916
<b>0.025</b>	1/8	0.038	1-1/2	stub	CCMGS-.025-B	18917	58917	78917
<b>0.025</b>	1/8	0.075	1-1/2	std	CCMG-.025-B	13157	53157	73157
<b>0.025</b>	1/8	0.125	2-1/2	long flute	CCMG-.0250-LF-B	12591	52591	72591
<b>0.026</b>	1/8	0.039	1-1/2	stub	CCMGS-.026-B	18918	58918	78918
<b>0.026</b>	1/8	0.078	1-1/2	std	CCMG-.026-B	18919	58919	78919
<b>0.027</b>	1/8	0.041	1-1/2	stub	CCMGS-.027-B	18920	58920	78920
<b>0.027</b>	1/8	0.081	1-1/2	std	CCMG-.027-B	18921	58921	78921
<b>0.028</b>	1/8	0.042	1-1/2	stub	CCMGS-.028-B	18922	58922	78922
<b>0.028</b>	1/8	0.084	1-1/2	std	CCMG-.028-B	18923	58923	78923
<b>0.029</b>	1/8	0.044	1-1/2	stub	CCMGS-.029-B	18924	58924	78924
<b>0.029</b>	1/8	0.087	1-1/2	std	CCMG-.029-B	18925	58925	78925
<b>0.030</b>	1/8	0.045	1-1/2	stub	CCMGS-.030-B	18926	58926	78926
<b>0.030</b>	1/8	0.090	1-1/2	std	CCMG-.030-B	13158	53158	73158
<b>0.030</b>	1/8	0.150	2-1/2	long flute	CCMG-.0300-LF-B	12394	52394	72394
<b>0.031 (1/32)</b>	1/8	0.047	1-1/2	stub	CCMGS-.031-B	18927	58927	78927
<b>0.031 (1/32)</b>	1/8	0.093	1-1/2	std	CCMG-.031-B	18928	58928	78928
<b>0.032</b>	1/8	0.048	1-1/2	stub	CCMGS-.032-B	18929	58929	78929
<b>0.032</b>	1/8	0.096	1-1/2	std	CCMG-.032-B	18930	58930	78930
<b>0.033</b>	1/8	0.050	1-1/2	stub	CCMGS-.033-B	18931	58931	78931
<b>0.033</b>	1/8	0.099	1-1/2	std	CCMG-.033-B	18932	58932	78932
<b>0.034</b>	1/8	0.051	1-1/2	stub	CCMGS-.034-B	18933	58933	78933
<b>0.034</b>	1/8	0.102	1-1/2	std	CCMG-.034-B	18934	58934	78934
<b>0.035</b>	1/8	0.053	1-1/2	stub	CCMGS-.035-B	18935	58935	78935
<b>0.035</b>	1/8	0.105	1-1/2	std	CCMG-.035-B	13159	53159	73159
<b>0.035</b>	1/8	0.175	2-1/2	long flute	CCMG-.0350-LF-B	12593	52593	72593
<b>0.036</b>	1/8	0.054	1-1/2	stub	CCMGS-.036-B	H1731	H1732	
<b>0.036</b>	1/8	0.108	1-1/2	std	CCMG-.036-B	H1614	H1615	
<b>0.037</b>	1/8	0.056	1-1/2	stub	CCMGS-.037-B	H1733	H1734	
<b>0.037</b>	1/8	0.111	1-1/2	std	CCMG-.037-B	H1618	H1619	
<b>0.038</b>	1/8	0.057	1-1/2	stub	CCMGS-.038-B	H1735	H1736	
<b>0.038</b>	1/8	0.114	1-1/2	std	CCMG-.038-B	H1622	H1623	
<b>0.039</b>	1/8	0.059	1-1/2	stub	CCMGS-.039-B	H1737	H1738	
<b>0.039</b>	1/8	0.117	1-1/2	std	CCMG-.039-B	H1626	H1627	
<b>0.040</b>	1/8	0.060	1-1/2	stub	CCMGS-.040-B	18936	58936	78936
<b>0.040</b>	1/8	0.120	1-1/2	std	CCMG-.040-B	13160	53160	73160
<b>0.040</b>	1/8	0.200	2-1/2	long flute	CCMG-.0400-LF-B	12396	52396	72396

sizes continued on next page



DIA D <sub>1</sub>	SHK D <sub>2</sub>	LOC L <sub>2</sub>	OAL L <sub>1</sub>	LENGTH	BRIGHT PART NAME	BRIGHT EDP	ALTIN EDP	DLC EDP
<b>0.041</b>	1/8	0.123	1-1/2	std	CCMG-.041-B	H1630	H1631	
<b>0.042</b>	1/8	0.126	1-1/2	std	CCMG-.042-B	H1634	H1635	
<b>0.043</b>	1/8	0.129	1-1/2	std	CCMG-.043-B	H1638	H1639	
<b>0.044</b>	1/8	0.132	1-1/2	std	CCMG-.044-B	H1643	H1641	
<b>0.045</b>	1/8	0.068	1-1/2	stub	CCMGS-.045-B	18937	58937	78937
<b>0.045</b>	1/8	0.135	1-1/2	std	CCMG-.045-B	18938	58938	78938
<b>0.045</b>	1/8	0.250	2-1/2	long flute	CCMG-.0450-LF-B	12397	52397	72397
<b>0.046</b>	1/8	0.138	1-1/2	std	CCMG-.046-B	H1646	H1647	
<b>0.047</b> (3/64)	1/8	0.071	1-1/2	stub	CCMGS-.047-B	H1739	H1740	H1601
<b>0.047</b> (3/64)	1/8	0.141	1-1/2	std	CCMG-.047-B	H1650	H1651	H1652
<b>0.048</b>	1/8	0.144	1-1/2	std	CCMG-.048-B	H1656	H1657	
<b>0.049</b>	1/8	0.147	1-1/2	std	CCMG-.049-B	H1660	H1661	
<b>0.050</b>	1/8	0.075	1-1/2	stub	CCMGS-.050-B	18939	58939	78939
<b>0.050</b>	1/8	0.150	1-1/2	std	CCMG-.050-B	13161	53161	73161
<b>0.050</b>	1/8	0.300	2-1/2	long flute	CCMG-.0500-LF-B	12399	52399	72399
<b>0.051</b>	1/8	0.153	1-1/2	std	CCMG-.051-B	H1664	H1665	
<b>0.052</b>	1/8	0.156	1-1/2	std	CCMG-.052-B	H1668	H1669	
<b>0.053</b>	1/8	0.159	1-1/2	std	CCMG-.053-B	H1672	H1673	
<b>0.054</b>	1/8	0.162	1-1/2	std	CCMG-.054-B	H1676	H1677	
<b>0.055</b>	1/8	0.083	1-1/2	stub	CCMGS-.055-B	18940	58940	78940
<b>0.055</b>	1/8	0.165	1-1/2	std	CCMG-.055-B	18941	58941	78941
<b>0.056</b>	1/8	0.168	1-1/2	std	CCMG-.056-B	H1680	H1681	
<b>0.057</b>	1/8	0.171	1-1/2	std	CCMG-.057-B	H1684	H1685	
<b>0.058</b>	1/8	0.174	1-1/2	std	CCMG-.058-B	H1688	H1689	
<b>0.059</b>	1/8	0.177	1-1/2	std	CCMG-.059-B	H1692	H1693	
<b>0.060</b>	1/8	0.090	1-1/2	stub	CCMGS-.060-B	18942	58942	78942
<b>0.060</b>	1/8	0.180	1-1/2	std	CCMG-.060-B	13162	53162	73162
<b>0.060</b>	1/8	0.500	2-1/2	long flute	CCMG-.0600-LF-B	12400	52400	72400
<b>0.062</b> (1/16)	1/8	0.093	1-1/2	stub	CCMGS-.062-B	H1696	H1697	H1698
<b>0.062</b> (1/16)	1/8	0.186	1-1/2	std	CCMG-.062-B	H2011	H2012	H2013
<b>0.065</b>	1/8	0.098	1-1/2	stub	CCMGS-.065-B	18943	58943	78943
<b>0.065</b>	1/8	0.195	1-1/2	std	CCMG-.065-B	18944	58944	78944
<b>0.070</b>	1/8	0.105	1-1/2	stub	CCMGS-.070-B	18945	58945	78945
<b>0.070</b>	1/8	0.210	1-1/2	std	CCMG-.070-B	13163	53163	73163
<b>0.075</b>	1/8	0.113	1-1/2	stub	CCMGS-.075-B	18946	58946	78946
<b>0.075</b>	1/8	0.225	1-1/2	std	CCMG-.075-B	18947	58947	78947
<b>0.075</b>	1/8	0.500	2-1/2	long flute	CCMG-.0750-LF-B	12402	52402	72402
<b>0.078</b> (5/64)	1/8	0.117	1-1/2	stub	CCMGS-.078-B	H1741	H1742	H1743
<b>0.078</b> (5/64)	1/8	0.234	1-1/2	std	CCMG-.078-B	H1702	H1703	H1704

sizes continued on next page

# SERIES: CCMG-\_\_-B

## 4 FLUTE MELIN MICRO BALL END MILLS

DIA D <sub>1</sub>	SHK D <sub>2</sub>	LOC L <sub>2</sub>	OAL L <sub>1</sub>	LENGTH	BRIGHT PART NAME	BRIGHT EDP	ALTIN EDP	DLC EDP
<b>0.080</b>	1/8	0.120	1-1/2	stub	CCMGS-.080-B	18948	58948	78948
<b>0.080</b>	1/8	0.240	1-1/2	std	CCMG-.080-B	13164	53164	73164
<b>0.085</b>	1/8	0.128	1-1/2	stub	CCMGS-.085-B	18949	58949	78949
<b>0.085</b>	1/8	0.255	1-1/2	std	CCMG-.085-B	18950	58950	78950
<b>0.090</b>	1/8	0.135	1-1/2	stub	CCMGS-.090-B	18951	58951	78951
<b>0.090</b>	1/8	0.270	1-1/2	std	CCMG-.090-B	13165	53165	73165
<b>0.090</b>	1/8	0.500	2-1/2	long flute	CCMG-.0900-LF-B	12403	52403	72403
<b>0.093 (3/32)</b>	1/8	0.140	1-1/2	stub	CCMGS-.093-B	H1744	H1745	H1746
<b>0.093 (3/32)</b>	1/8	0.279	1-1/2	std	CCMG-.093-B	H1708	H1709	H1710
<b>0.095</b>	1/8	0.143	1-1/2	stub	CCMGS-.095-B	18952	58952	78952
<b>0.095</b>	1/8	0.285	1-1/2	std	CCMG-.095-B	18953	58953	78953
<b>0.100</b>	1/8	0.150	1-1/2	stub	CCMGS-.100-B	18954	58954	78954
<b>0.100</b>	1/8	0.300	1-1/2	std	CCMG-.100-B	18955	58955	78955
<b>0.105</b>	1/8	0.315	1-1/2	std	CCMG-.105-B	H1714	H1715	
<b>0.110</b>	1/8	0.330	1-1/2	std	CCMG-.110-B	H1719	H1720	
<b>0.115</b>	1/8	0.345	1-1/2	std	CCMG-.115-B	H1724	H1725	
<b>0.118</b>	1/8	0.177	1-1/2	stub	CCMGS-.118-B	H1990	H1991	
<b>0.118</b>	1/8	0.354	1-1/2	std	CCMG-.118-B	H1992	H1993	
<b>0.120</b>	1/8	0.360	1-1/2	std	CCMG-.120-B	H1727	H1728	
<b>0.125 (1/8)</b>	1/8	0.125	2-1/2	long flute	CCMG-.1250-LF-B	12404	52404	72404

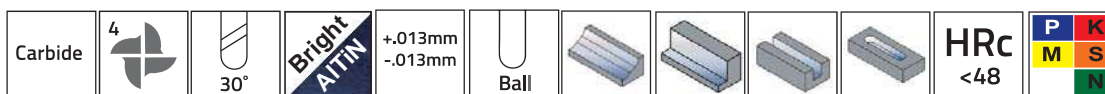
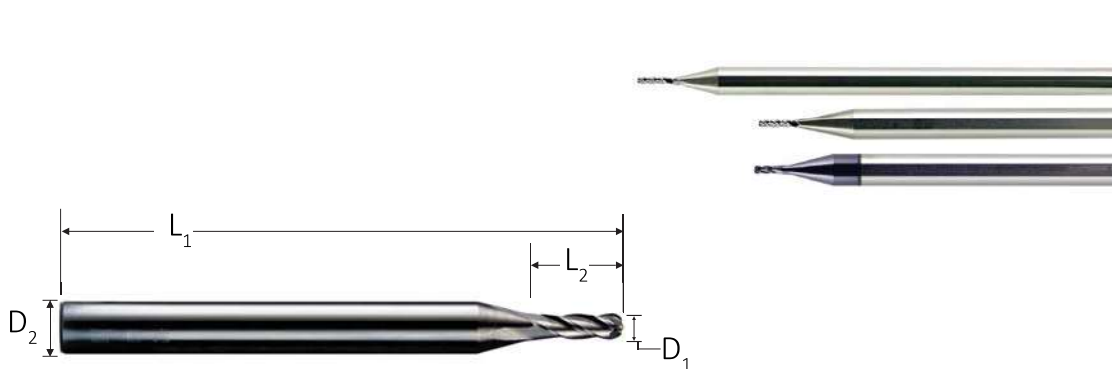


LARGER Sizes In [Full Line](#) Catalog



# SERIES: CCMG-\_\_\_-B (metric)

## 4 FLUTE MELIN MICRO BALL END MILLS



DIA D <sub>1</sub>	SHK D <sub>2</sub>	LOC L <sub>2</sub>	OAL L <sub>1</sub>	LENGTH	BRIGHT PART NAME	BRIGHT EDP	ALTiN EDP
0.3mm	3mm	0.9mm	38mm	std	CCMG-M0.3-B	13692	53692
0.4mm	3mm	1.2mm	38mm	std	CCMG-M0.4-B	13693	53693
0.5mm	3mm	1.5mm	38mm	std	CCMG-M0.5-B	13694	53694
0.6mm	3mm	1.8mm	38mm	std	CCMG-M0.6-B	13695	53695
0.7mm	3mm	2.1mm	38mm	std	CCMG-M0.7-B	13696	53696
0.8mm	3mm	2.4mm	38mm	std	CCMG-M0.8-B	13697	53697
0.9mm	3mm	2.7mm	38mm	std	CCMG-M0.9-B	13698	53698
1.0mm	3mm	3.0mm	38mm	std	CCMG-M3M1-B	16801	56801
1.1mm	3mm	3.3 mm	38mm	std	CCMG-M1.1-B	13700	53700
1.2mm	3mm	3.6mm	38mm	std	CCMG-M1.2-B	13701	53701
1.3mm	3mm	3.9mm	38mm	std	CCMG-M1.3-B	13702	53702
1.4mm	3mm	4.2mm	38mm	std	CCMG-M1.4-B	13703	53703
1.5mm	3mm	4.5mm	38mm	std	CCMG-M1.5-B	13704	53704

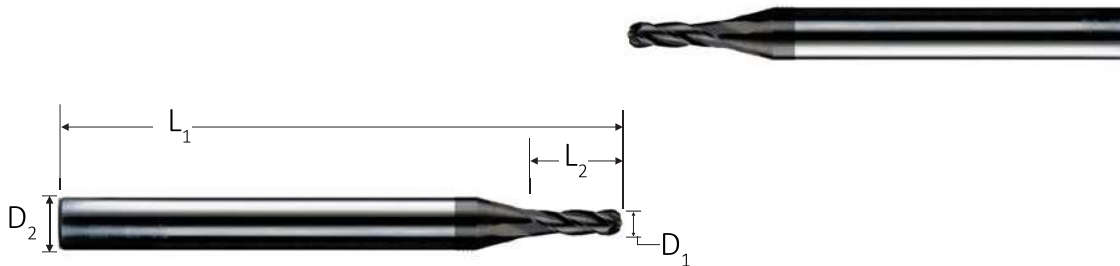
✚ LARGER Sizes In [Full Line](#) Catalog

**NEED a different SIZE, STYLE or COATING? We are constantly adding standard items to our micro offering & we make CUSTOM designed tools with exceptionally fast deliveries. Contact your local distributor or email us at [specials@melintool.com](mailto:specials@melintool.com)**

Can't **FIND**  
What You Are  
Looking For?

# SERIES: CCMG-\_\_-B-DIA

4 FLUTE BALL END DIAMOND COATED END MILLS



Carbide 6%			<b>CVD Diamond</b>	+0.0005 -0.0005 <1/8	+0.000 -0.002 ≥1/8						
---------------	--	--	------------------------	----------------------------	--------------------------	--	--	--	--	--	--

DIA D <sub>1</sub>	SHK D <sub>2</sub>	LOC L <sub>2</sub>	OAL L <sub>1</sub>	PART NAME	CVD EDP
<b>.015</b>	1/8	.045	1-1/2	CCMG-.015-B-DIA	H6687
<b>.020</b>	1/8	.060	1-1/2	CCMG-.020-B-DIA	H6688
<b>.0312</b> (1/32)	1/8	.093	1-1/2	CCMG-401-B-DIA	10077
<b>.040</b>	1/8	.120	1-1/2	CCMG-.040-B-DIA	H6689
<b>.047</b>	1/8	.141	1-1/2	CCMG-.047-B-DIA	H6690
<b>.050</b>	1/8	.150	1-1/2	CCMG-.050-B-DIA	H6691
<b>.060</b>	1/8	.180	1-1/2	CCMG-.060-B-DIA	H6692
<b>.0625</b> (1/16)	1/8	.186	1-1/2	CCMG-402-B-DIA	10079
<b>.078</b>	1/8	.234	1-1/2	CCMG-.078-B-DIA	H6693
<b>.0938</b> (3/32)	1/8	.279	1-1/2	CCMG-403-B-DIA	10081
<b>.100</b>	1/8	.300	1-1/2	CCMG-.100-B-DIA	H6694
<b>.125</b> (1/8)	1/8	.500	1-1/2	CCMG-404-B-DIA	10083
<b>.156</b>	3/16	.470	2	CCMG-.156-B-DIA	H6695
<b>.1875</b> (3/16)	3/16	.625	2	CCMG-606-B-DIA	10085
<b>.250</b> (1/4)	1/4	.750	2-1/2	CCMG-808-B-DIA	10087
<b>.3125</b> (5/16)	5/16	.8125	2-1/2	CCMG-1010-B-DIA	10089
<b>.375</b> (3/8)	3/8	.100	2-1/2	CCMG-1212-B-DIA	10091

LARGER Sizes In [Full Line](#) Catalog

## WHERE DO YOUR MICROS ORIGINATE?





# SPEED & FEED:

## 2, 3, & 4 FLUTES: AMG, EMG, & CCMG SERIES

MATERIAL	CONDITIONS	START- ING SFM	FL	CUTTING DIAMETER							
				.005 - .015	.015 - .030	.030 - .045	.045 - .060	.060 - .075	.075 - .090	.090 - .105	.105 - .125
				CHIP PER TOOTH							
<b>STAINLESS STEELS ISO-M</b>											
<b>Precipitation</b> 13-8, 15-5, 17-4PH	Slotting @ ≤ 10% of D	90	2 or 4	0.0002	0.0002	0.0003	0.0003	0.0004	0.0004	0.0005	0.0005
	Profiling @ 6% of D Axial / ≤ 20% of D Radial	250	2 or 4	0.0002	0.0002	0.0003	0.0003	0.0004	0.0004	0.0005	0.0005
<b>Austenitic</b> 302, 303, 304L, 316L	Slotting @ ≤ 15% of D	100	2 or 4	0.0002	0.0002	0.0003	0.0003	0.0004	0.0004	0.0005	0.0005
	Profiling @ 6% of D Axial / ≤ 30% of D Radial	250	2 or 4	0.0002	0.0002	0.0003	0.0003	0.0004	0.0004	0.0005	0.0005
<b>Martensitic</b> 403, 410, 416	Slotting @ ≤ 15% x D	100	2 or 4	0.0002	0.0002	0.0003	0.0003	0.0004	0.0004	0.0005	0.0005
	Profiling @ 6% of D Axial / ≤ 30% of D Radial	250	2 or 4	0.0002	0.0002	0.0003	0.0003	0.0004	0.0004	0.0005	0.0005
<b>HIGH TEMP ALLOYS ISO-S</b>											
<b>Cobalt Base</b> Stellite, Haynes 25, 188, X-40, L-605	Slotting @ 7% of D	50	2 or 4	0.0001	0.0001	0.0002	0.0002	0.0003	0.0003	0.0004	0.0004
	Profiling @ 5% of D Axial / ≤ 20% of D Radial	80	2 or 4	0.0001	0.0001	0.0002	0.0002	0.0003	0.0003	0.0004	0.0004
<b>Nickel Base</b> Inconel 600, 625, 718, Nickel 200, 270, Invar, Monel 400, 405, K-Monel, PermaNickel 300, Incoly 600	Slotting @ 7% of D	40	2 or 4	0.0001	0.0001	0.0002	0.0002	0.0003	0.0003	0.0004	0.0004
	Profiling @ 5% of D Axial / ≤ 20% of D Radial	60	2 or 4	0.0001	0.0001	0.0002	0.0002	0.0003	0.0003	0.0004	0.0004
<b>Iron Base</b> Incoloy 800-802, Multimet N-155, Timken 16-26-6	Slotting @ 7% of D	80	2 or 4	0.0001	0.0001	0.0002	0.0002	0.0003	0.0003	0.0004	0.0004
	Profiling @ 5% of D Axial / ≤ 20% of D Radial	100	2 or 4	0.0001	0.0001	0.0002	0.0002	0.0003	0.0003	0.0004	0.0004
<b>STEELS ISO-P</b>											
<b>High Strength Steels</b> 4140, 4340, 52100	Slotting @ ≤ 15% of D	100	2 or 4	0.0002	0.0002	0.0003	0.0003	0.0004	0.0004	0.0005	0.0005
	Profiling @ 6% of D Axial / ≤ 30% of D Radial	180	2 or 4	0.0002	0.0002	0.0003	0.0003	0.0004	0.0004	0.0005	0.0005
<b>High Alloy Steels - Mold &amp; Die</b> A-2, P20, O1, O2, D2, H-13	Slotting @ ≤ 10% of D	125	2 or 4	0.0002	0.0002	0.0003	0.0003	0.0004	0.0004	0.0005	0.0005
	Profiling @ 6% of D Axial / ≤ 20% of D Radial	250	2 or 4	0.0002	0.0002	0.0003	0.0003	0.0004	0.0004	0.0005	0.0005
<b>Medium Alloy Steels</b> 200, 250, 300	Slotting @ ≤ 15% of D	125	2 or 4	0.0003	0.0003	0.0004	0.0004	0.0005	0.0005	0.0006	0.0006
	Profiling @ 6% of D Axial / ≤ 30% of D Radial	250	2 or 4	0.0003	0.0003	0.0004	0.0004	0.0005	0.0005	0.0006	0.0006
<b>Low Alloy Steels-Maraging</b> 10XX, 11XX, 13XX	Slotting @ ≤ 15% of D	150	2 or 4	0.0004	0.0004	0.0005	0.0005	0.0006	0.0006	0.0007	0.0007
	Profiling @ 6% of D Axial / ≤ 35% of D Radial	300	2 or 4	0.0004	0.0004	0.0005	0.0005	0.0006	0.0006	0.0007	0.0007
<b>CAST IRONS ISO-K</b>											
<b>Ductile Iron</b> Ductile Cast Iron	Slotting @ 15% of D	100	2 or 4	0.0004	0.0004	0.0005	0.0005	0.0006	0.0006	0.0007	0.0007
	Profiling @ 10% of D Axial / ≤ 25% of D Radial	250	2 or 4	0.0004	0.0004	0.0005	0.0005	0.0006	0.0006	0.0007	0.0007
<b>Cast Iron</b> Grey Cast Iron	Slotting @ 25% of D	125	2 or 4	0.0004	0.0004	0.0005	0.0006	0.0008	0.0008	0.0010	0.0010
	Profiling @ 10% of D Axial / ≤ 35% of D Radial	400	2 or 4	0.0004	0.0004	0.0005	0.0006	0.0008	0.0008	0.0010	0.0010
<b>TITANIUMS ISO-S</b>											
<b>Titanium Alloys</b> 6AL-4V, ASTM 1, 2, 3, 6AL-2S For 5553, decrease SFM and IPM by 25%	Slotting @ ≤ 15% of D	125	2 or 4	0.0002	0.0002	0.0003	0.0003	0.0004	0.0004	0.0005	0.0005
	Profiling @ 6% of D Axial / ≤ 20% of D Radial	250	2 or 4	0.0002	0.0002	0.0003	0.0003	0.0004	0.0004	0.0005	0.0005
<b>ALUMINUM ISO-N</b>											
<b>Aluminum Alloys</b> 6061-T6, 7075	Slotting @ ≤ 15% of D	650	2 or 4	0.0004	0.0004	0.0005	0.0006	0.0008	0.0008	0.0010	0.0010
	Profiling @ 10% of D Axial / ≤ 35% of D Radial	775	2 or 4	0.0004	0.0004	0.0005	0.0006	0.0008	0.0008	0.0010	0.0010

For complete speed and feed charts:

See Full Line Catalog or [www.melintool.com](http://www.melintool.com)



Note: All technical data provided are suggested starting points. They may be increased or decreased depending on machine condition, depth of cut, finish required, coolant, etc.