

# GENERAL PURPOSE

Solid Carbide End Mills For Ferrous And Non-Ferrous Materials



INTRO

MILLING

SPECIALTY

HOLEMAKING

THREADING

INSERTS



FEATURES/DESCRIPTION	APPLICATION	FEATURES										
<p><b>4-Flute Metric Square End Mills</b></p> <ul style="list-style-type: none"> <li>• Universal application</li> <li>• Sub-micron grade carbide substrate for wear resistance</li> <li>• Multiple coating options</li> <li>• Diameter Tol.: +0/-0.002"</li> <li>• Shank Tol.: +0/-0.0005"</li> <li>• All listed dimensions in millimeters</li> </ul>		<table border="1"> <tr> <td>CARBIDE</td> <td>4FL</td> </tr> <tr> <td>SQ</td> <td>30°</td> </tr> <tr> <td>P199</td> <td>Bright</td> </tr> <tr> <td>TiN</td> <td>TiCN</td> </tr> <tr> <td>AlTiN</td> <td></td> </tr> </table>	CARBIDE	4FL	SQ	30°	P199	Bright	TiN	TiCN	AlTiN	
CARBIDE	4FL											
SQ	30°											
P199	Bright											
TiN	TiCN											
AlTiN												

STEEL			STAINLESS		CAST IRON		NON-FERROUS		HRSA		HARDENED STEEL	
P1	P2	P3	M1	M2	K1	K2	N1	N2	S1	S2	H1	H2
○	○	○			○	○	○	○			○	

● Best ○ Good

**Series 203M** | 4FL | Multi Length | Square | Metric

Dia. (D1)	LOC (L1)	OAL (L)	Shank (D)	Bright	TiN	TiCN	AlTiN
1	4	39	3	206-001275	206-001275A	206-001270AA	206-001272
1.5	5	39	3	206-001285	206-001285A	206-001285C	206-001287
2	8	39	3	206-001295	206-001295A	206-001295C	206-001292
2.5	9.5	39	3	206-001300	206-001300A	206-001300C	206-001302
3	12	39	3	206-001313	206-001311	206-001313C	206-001314
3.5	12	51	4	206-001320	206-001320A	206-001320C	206-001322
4	14	51	4	206-001330	206-001330A	206-001330C	206-001330B
4.5	16	51	5	206-001340	206-001340A	206-001340C	206-001340B
5	16	51	5	206-001350	206-001350A	206-001350C	206-001350B
6	19	63	6	206-001360	206-001360A	206-001360C	206-001360B
7	19	63	8	206-001370	206-001370A	206-001370C	206-001372
8	20	63	8	206-001380	206-001380A	206-001380C	206-001380B
9	22	63	10	206-001390	206-001390A	206-001390C	206-001390B
10	22	76	10	206-001400	206-001400A	206-001400C	206-001402
11	25	76	12	206-001410	206-001410A	206-001410C	206-001412
12	25	76	12	206-001420	206-001420A	206-001420C	206-001420B
14	32	90	14	206-001430	206-001430A	206-001430C	206-001430B
16	32	102	16	206-001440	206-001440A	206-001440C	206-001442
18	38	102	18	206-001450	206-001450A	206-001450C	206-001452
20	38	102	20	206-001460	206-001460A	206-001460C	206-001460B
22	38	102	22	206-001470	206-001470A	206-001470C	206-001470B
25	38	102	25	206-001480	206-001480A	206-001480C	206-001480B

\*bold numbers are EDPs for ordering