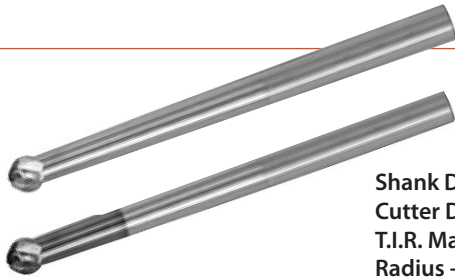


MICRO 100[®]

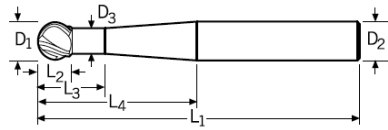
super carbide

SPHERICAL BALL NOSE END MILLS *Metric*

Center Cutting - 30° Helix



Shank Diameter - D² 0.0025 to -0.008
 Cutter Diameter - D¹ +0.000 - 0.076
 T.I.R. Maximum - 0.013
 Radius - ± 0.013



- These short flute 220° ball nose end mills feature a reduced neck diameter and are ideal for copy milling and deep pocket milling applications.
- The special geometry allows a tool inclination of up to 15° with optimal chip evacuation for increased feed rates.

2-Flute Tool Number	3-Flute Tool Number	4-Flute Tool Number	Radius	Cutter Dia. D ¹	Shank Dia. D ²	Neck Dia. D ³	Overall Length L ¹	Flute Length L ²	Neck Length L ³	Reduced Neck Length L ⁴
SBMM-020-206	SBMM-020-306	SBMM-020-406	1	2	6		75		6	32
SBMM-020-210	SBMM-020-310	SBMM-020-410	1	2	6	1.3	75	1.3	10	36
SBMM-020-216	SBMM-020-316	SBMM-020-416	1	2	6		75		16	42
SBMM-030-209	SBMM-030-309	SBMM-030-409	1.5	3	6		75		9	31
SBMM-030-215	SBMM-030-315	SBMM-030-415	1.5	3	6	2.0	75	2.0	15	37
SBMM-030-221	SBMM-030-321	SBMM-030-421	1.5	3	6		75		21	43
SBMM-040-212	SBMM-040-312	SBMM-040-412	2	4	6		75		12	30
SBMM-040-220	SBMM-040-320	SBMM-040-420	2	4	6	2.7	75	2.7	20	36
SBMM-040-232	SBMM-040-332	SBMM-040-432	2	4	6		100		32	44
SBMM-060-218	SBMM-060-318	SBMM-060-418	3	6	6		75		18	29
SBMM-060-230	SBMM-060-330	SBMM-060-430	3	6	6	4.0	75	4.0	25	41
SBMM-060-248	SBMM-060-348	SBMM-060-448	3	6	6		100		32	44
SBMM-080-224	SBMM-080-324	SBMM-080-424	4	8	8		100		24	39
SBMM-080-240	SBMM-080-340	SBMM-080-440	4	8	8	5.4	100	5.4	40	55
SBMM-080-264	SBMM-080-364	SBMM-080-464	4	8	8		100		55	68
SBMM-100-230	SBMM-100-330	SBMM-100-430	5	10	10		100		30	48
SBMM-100-250	SBMM-100-350	SBMM-100-450	5	10	10	6.7	100	6.7	40	59
SBMM-100-272	SBMM-100-372	SBMM-100-472	5	10	10		100		55	68
SBMM-120-236	SBMM-120-336	SBMM-120-436	6	12	12		100		36	58
SBMM-120-272	SBMM-120-372	SBMM-120-472	6	12	12	8.0	100	8.0	55	68
SBMM-160-248	SBMM-160-348	SBMM-160-448	8	16	16		100		48	55
SBMM-160-272	SBMM-160-372	SBMM-160-472	8	16	16	10.7	100	10.7	55	68

• To order AlTiN coating, add an "x" to the end of the tool part number. (Ex: SBMM-020-206X)

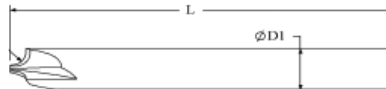
MICRO 100[®]

super carbide

CORNER ROUNDING END MILLS *Metric* 3-Flute - Single End



Shank Diameter - D1 0.0025 to -0.008
Radius - 0.0000 to -0.013



- Broad range of sizes and radii available as standard.
- Extremely shock resistant; longer tool life.
- World class Micro 100 Carbide performs well in a wide range of materials.

AlTiN COATED | SINGLE END

3-FLUTE TOOL NUMBER	MINOR DIAMETER D ¹ (mm)	SHANK DIAMETER D ² (mm)	OVERALL LENGTH L (mm)	RADIUS R (mm)	3-FLUTE TOOL NUMBER	MINOR DIAMETER D ¹ (mm)	SHANK DIAMETER D ² (mm)	OVERALL LENGTH L (mm)	RADIUS R (mm)
CREM-060-030	1.5	6	57	0.30	CREM-060-030X	1.5	6	57	0.30
CREM-060-050	1.5	6	57	0.50	CREM-060-050X	1.5	6	57	0.50
CREM-060-080	1.5	6	57	0.80	CREM-060-080X	1.5	6	57	0.80
CREM-060-100	1.5	6	57	1.00	CREM-060-100X	1.5	6	57	1.00
CREM-060-125	1.5	6	57	1.25	CREM-060-125X	1.5	6	57	1.25
CREM-060-150	1.5	6	57	1.50	CREM-060-150X	1.5	6	57	1.50
CREM-060-200	1.5	6	57	2.00	CREM-060-200X	1.5	6	57	2.00
CREM-080-250	1.5	8	63	2.50	CREM-080-250X	1.5	8	63	2.50
CREM-080-300	1.5	8	63	3.00	CREM-080-300X	1.5	8	63	3.00
CREM-100-350	1.5	10	72	3.50	CREM-100-350X	1.5	10	72	3.50
CREM-100-400	1.5	10	72	4.00	CREM-100-400X	1.5	10	72	4.00
CREM-120-450	1.5	12	83	4.50	CREM-120-450X	1.5	12	83	4.50
CREM-160-500	3	16	92	5.00	CREM-160-500X	3	16	92	5.00
CREM-160-600	3	16	92	6.00	CREM-160-600X	3	16	92	6.00
CREM-180-700	3	18	92	7.00	CREM-180-700X	3	18	92	7.00
CREM-200-800	3	20	104	8.00	CREM-200-800X	3	20	104	8.00

- AlTiN Coating provides longer tool life
- AlTiN Coating allows for faster cutting speeds.

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