

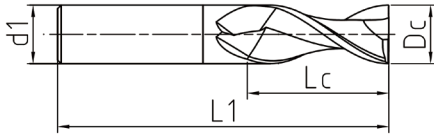
• **Solid Carbide End Mills M200**

Eco line

Square End Mills with 2 cutting edges

Solid Carbide End Mills

Workpiece hardness < HRC45°



P	M	K	N	S	H	O
●	●	●				

Product code	Dc mm h9	d1 mm	Lc mm	L1 mm	Z
M200-2ES-010	1	4	3	50	2
M200-2ES-015	1.5	4	4	50	2
M200-2ES-020	2	4	6	50	2
M200-2ES-025	2.5	4	8	50	2
M200-2ES-030	3	4	8	50	2
M200-2ES-040	4	4	12	50	2
M200-2ES-050	5	6	13	50	2
M200-2ES-060	6	6	16	50	2
M200-2ES-070	7	8	20	60	2
M200-2ES-080	8	8	20	60	2
M200-2ES-090	9	10	23	75	2
M200-2ES-100	10	10	25	75	2
M200-2ES-120	12	12	30	75	2
M200-2ES-140	14	14	34	100	2
M200-2ES-160	16	16	36	100	2
M200-2ES-180	18	18	40	100	2
M200-2ES-200	20	20	45	100	2

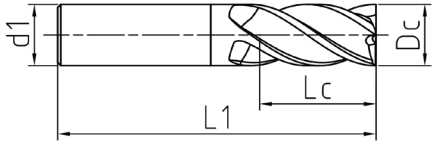
## ◆ Solid Carbide End Mills M200

Eco line

Solid Carbide End Mill

Square End Mills with 4 cutting edges

Workpiece hardness < HRC45



P	M	K	N	S	H	O
●●	●	●●				

Product code	Dc mm h9	d1 mm	LC mm	L1 mm	Z mm
M200-4ES-010	1	4	3	50	4
M200-4ES-015	1.5	4	4	50	4
M200-4ES-020	2	4	6	50	4
M200-4ES-025	2.5	4	8	50	4
M200-4ES-030	3	4	8	50	4
M200-4ES-030P	3	6	8	50	4
M200-4ES-035	3.5	4	11	50	4
M200-4ES-040	4	4	12	50	4
M200-4ES-040P	4	6	12	50	4
M200-4ES-045	4.5	6	12	50	4
M200-4ES-050	5	6	13	50	4
M200-4ES-055	5.5	6	16	50	4
M200-4ES-060	6	6	16	50	4
M200-4ES-065	6.5	8	16	60	4
M200-4ES-070	7	8	20	60	4
M200-4ES-075	7.5	8	20	60	4
M200-4ES-080	8	8	20	60	4
M200-4ES-085	8.5	10	23	75	4
M200-4ES-090	9	10	23	75	4
M200-4ES-095	9.5	10	25	75	4
M200-4ES-100	10	10	25	75	4
M200-4ES-110	11	12	28	75	4
M200-4ES-120	12	12	30	75	4
M200-4ES-140	14	14	34	100	4
M200-4ES-160	16	16	36	100	4
M200-4ES-180	18	18	40	100	4
M200-4ES-200	20	20	45	100	4

Product code	Dc mm h9	d1 mm	Lc mm	L1 mm	Z
M200-4ESP-010	1	4	4	50	4
M200-4ESP-020	2	4	10	50	4
M200-4ESP-030	3	4	12	50	4
M200-4ESP-040	4	4	16	50	4
M200-4ESP-050	5	6	18	50	4
M200-4ESP-060	6	6	20	50	4
M200-4ESP-080	8	8	24	60	4
M200-4ESP-100	10	10	30	75	4
M200-4ESP-120	12	12	35	75	4
M200-4ESP-140	14	14	40	100	4
M200-4ESP-160	16	16	45	100	4
M200-4ESP-180	18	18	45	100	4

Product code	Dc mm h9	d1 mm	Lc mm	L1 mm	Z
M200-4EL-030	3	4	15	60	4
M200-4EL-030P	3	6	15	60	4
M200-4EL-040	4	4	20	60	4
M200-4EL-050	5	6	25	75	4
M200-4EL-060	6	6	25	75	4
M200-4EL-080	8	8	30	75	4
M200-4EL-100	10	10	40	100	4
M200-4EL-120	12	12	45	100	4
M200-4EL-140	14	14	60	150	4
M200-4EL-160	16	16	70	150	4
M200-4EL-180	18	18	70	150	4
M200-4EL-200	20	20	70	150	4

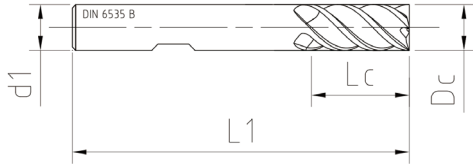
Product code	Dc mm h9	d1 mm	Lc mm	L1 mm	Z
M200-4ELP-050	5	6	30	75	4
M200-4ELP-060	6	6	35	75	4
M200-4ELP-100	10	10	50	100	4
M200-4ELP-120	12	12	50	100	4
M200-4ELP-200	20	20	80	150	4

Product code	Dc mm h9	d1 mm	Lc mm	L1 mm	Z
M200-4EX-040	4	4	30	75	4
M200-4EX-040P	4	6	20	75	4
M200-4EX-060	6	6	35	100	4
M200-4EX-080	8	8	35	100	4

• **Solid Carbide End Mill M200**

ECO line

Square End Mills with 4 cutting edges



Solid Carbide End Mill

Workpiece hardness < HRC45



Product code	Dc mm h9	d1 mm	Lc mm	L1 mm	Z
M200-4ES-030W	3	6	8	50	4
M200-4ES-050W	5	6	13	50	4
M200-4ES-060W	6	6	16	50	4
M200-4ES-080W	8	8	20	60	4
M200-4ES-100W	10	10	25	75	4
M200-4ES-120W	12	12	30	75	4
M200-4ES-140W	14	14	34	100	4
M200-4ES-160W	16	16	36	100	4
M200-4ES-180W	18	18	40	100	4
M200-4ES-200W	20	20	45	100	4

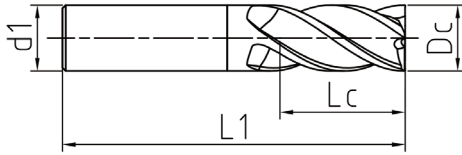
## • Solid Carbide End Mills M200

Solid Carbide End Mill

ECO line

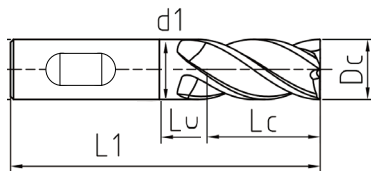
Workpiece hardness < HRC45

Square End Mills with 4 cutting edges and chamfer



Product code	Dc mm h9	d1 mm	Chamfer mm	Lc mm	L1 mm	Z
M200-4CS-040	4	4	0.1	12	50	4
M200-4CS-050	5	6	0.1	13	50	4
M200-4CS-060	6	6	0.1	16	50	4
M200-4CS-080	8	8	0.1	20	60	4
M200-4CS-100	10	10	0.1	25	75	4
M200-4CS-120	12	12	0.1	30	75	4
M200-4CS-140	14	14	0.15	34	100	4
M200-4CS-160	16	16	0.15	36	100	4
M200-4CS-180	18	18	0.15	40	100	4
M200-4CS-200	20	20	0.15	45	100	4

## • Weldon Type



Product code	Dc mm h9	d1 mm	Chamfer mm	Lc mm	Lu mm	L1 mm
AEM150-M200-4CS-060W	6	5.8	0.1	16	19	57
AEM150-M200-4CS-080W	8	7.7	0.1	21	25	63
AEM150-M200-4CS-100W	10	9.6	0.15	25	30	75
AEM150-M200-4CS-120W	12	11.6	0.2	28	38	83
AEM150-M200-4CS-160W	16	15.5	0.2	38	42	100

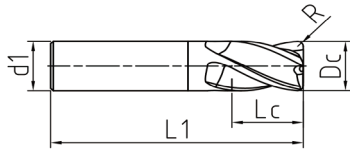
## Solid Carbide End Mills M200

ECO line

Round corner end mill with 4 cutting edges

Solid Carbide End Mill

Workpiece hardness < HRC45



P	M	K	N	S	H	O
●●	●	●●				

Product code	Dc mm h9	d1 mm	Rmm ±0.02	LC mm	L1 mm	Z
M200-4RS-010002	1	4	0.2	3	50	4
M200-4RS-015002	1.5	4	0.2	4	50	4
M200-4RS-020002	2	4	0.2	6	50	4
M200-4RS-030002	3	4	0.2	8	50	4
M200-4RS-030003	3	4	0.3	8	50	4
M200-4RS-030005	3	4	0.5	8	50	4
M200-4RS-040002	4	4	0.2	12	50	4
M200-4RS-040003	4	4	0.3	12	50	4
M200-4RS-040005	4	4	0.5	12	50	4
M200-4RS-040010	4	4	1	12	50	4
M200-4RS-050002	5	6	0.2	13	50	4
M200-4RS-050005	5	6	0.5	13	50	4
M200-4RS-050010	5	6	1	13	50	4
M200-4RS-050015	5	6	1.5	13	50	4
M200-4RS-060002	6	6	0.2	16	50	4
M200-4RS-060005	6	6	0.5	16	50	4
M200-4RS-060010	6	6	1	16	50	4
M200-4RS-060015	6	6	1.5	16	50	4
M200-4RS-080002	8	8	0.2	20	60	4
M200-4RS-080003	8	8	0.3	20	60	4
M200-4RS-080005	8	8	0.5	20	60	4
M200-4RS-080010	8	8	1	20	60	4
M200-4RS-080015	8	8	1.5	20	60	4
M200-4RS-080020	8	8	2	20	60	4
M200-4RS-100002	10	10	0.2	25	75	4
M200-4RS-100003	10	10	0.3	25	75	4
M200-4RS-100005	10	10	0.5	25	75	4
M200-4RS-100010	10	10	1	25	75	4
M200-4RS-100015	10	10	1.5	25	75	4
M200-4RS-100020	10	10	2	25	75	4
M200-4RS-100025	10	10	2.5	25	75	4
M200-4RS-100030	10	10	3	25	75	4
M200-4RS-120005	12	12	0.5	30	75	4
M200-4RS-120010	12	12	1	30	75	4
M200-4RS-120015	12	12	1.5	30	75	4
M200-4RS-120020	12	12	2	30	75	4
M200-4RS-120025	12	12	2.5	30	75	4
M200-4RS-120030	12	12	3	30	75	4
M200-4RS-140010	14	14	1	34	100	4
M200-4RS-140020	14	14	2	34	100	4
M200-4RS-160005	16	16	0.5	36	100	4
M200-4RS-160010	16	16	1	36	100	4
M200-4RS-160020	16	16	2	36	100	4
M200-4RS-160030	16	16	3	36	100	4

Product code	Dc mm h9	d1 mm	Rmm ±0.02	LC mm	L1 mm	Z
M200-4RS-160040	16	16	4	36	100	4
M200-4RS-180010	18	18	1	40	100	4
M200-4RS-180020	18	18	2	40	100	4
M200-4RS-180040	18	18	4	40	100	4
M200-4RS-200010	20	20	1	45	100	4
M200-4RS-200020	20	20	2	45	100	4
M200-4RS-200030	20	20	3	45	100	4
M200-4RS-200040	20	20	4	45	100	4
M200-4RS-200050	20	20	5	45	100	4

Product code	Dc mm h9	d1 mm	Rmm ±0.02	LC mm	L1 mm	Z
M200-4RL-030005	3	4	0.5	8	75	4
M200-4RL-040002	4	4	0.2	12	75	4
M200-4RL-040005	4	4	0.5	12	75	4
M200-4RL-040010	4	4	1	12	75	4
M200-4RL-060002	6	6	0.2	16	75	4
M200-4RL-060005	6	6	0.5	16	75	4
M200-4RL-060010	6	6	1	16	75	4
M200-4RL-060015	6	6	1.5	16	75	4
M200-4RL-080005	8	8	0.5	20	100	4
M200-4RL-080010	8	8	1	20	100	4
M200-4RL-080015	8	8	1.5	20	100	4
M200-4RL-080020	8	8	2	20	100	4
M200-4RL-100005	10	10	0.5	25	100	4
M200-4RL-100010	10	10	1	25	100	4
M200-4RL-100015	10	10	1.5	25	100	4
M200-4RL-100020	10	10	2	25	100	4
M200-4RL-120005	12	12	0.5	30	100	4
M200-4RL-120010	12	12	1	30	100	4
M200-4RL-120015	12	12	1.5	30	100	4
M200-4RL-120020	12	12	2	30	100	4
M200-4RL-120025	12	12	2.5	30	100	4
M200-4RL-120030	12	12	3	30	100	4
M200-4RL-140020	14	14	2	36	150	4
M200-4RL-160005	16	16	0.5	36	150	4
M200-4RL-160010	16	16	1	36	150	4
M200-4RL-160020	16	16	2	36	150	4
M200-4RL-160030	16	16	3	36	150	4
M200-4RL-160040	16	16	4	36	150	4
M200-4RL-180010	18	18	1	45	150	4
M200-4RL-180020	18	18	2	45	150	4
M200-4RL-200010	20	20	1	45	150	4
M200-4RL-200020	20	20	2	45	150	4

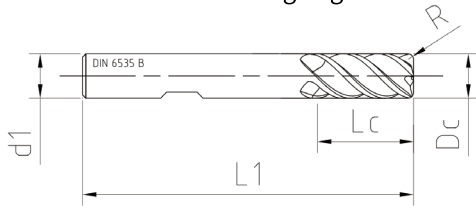
• **Solid Carbide End Mill M200**

Eco line

Solid Carbide End Mills

Round corner end mill with 4 cutting edges

Workpiece hardness < HRC45



Product code	Dc mm h7	d1 mm	R mm ±0.02	Lc mm	L1 mm	Z
M200-4RS-060005W	6	6	0.5	16	50	4
M200-4RS-060010W	6	6	1	16	50	4
M200-4RS-080005W	8	8	0.5	20	60	4
M200-4RS-080010W	8	8	1	20	60	4
M200-4RS-100005W	10	10	0.5	25	75	4
M200-4RS-100010W	10	10	1	25	75	4
M200-4RS-100015W	10	10	1.5	25	75	4
M200-4RS-100020W	10	10	2	25	75	4
M200-4RS-120005W	12	12	0.5	30	75	4
M200-4RS-120010W	12	12	1	30	75	4
M200-4RS-120015W	12	12	1.5	30	75	4
M200-4RS-120020W	12	12	2	30	75	4

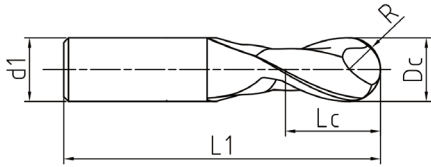
## • Solid Carbide End Mill M200

Eco line

Ball nose end mill with 2 cutting edges

Solid Carbide End Mills

Workpiece hardness < HRC45



P	M	K	N	S	H	O
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Product code	Dc mm h7	d1 mm	R mm ±0.02	Lc mm	L1 mm	Z
M200-2BS-010	1	4	R0.5	2	50	2
M200-2BS-015	1.5	4	R0.75	3	50	2
M200-2BS-020	2	4	R1	4	50	2
M200-2BS-025	2.5	4	R1.25	5	50	2
M200-2BS-030	3	4	R1.5	6	50	2
M200-2BS-040	4	4	R2	8	50	2
M200-2BS-050	5	6	R2.5	10	50	2
M200-2BS-060	6	6	R3	12	50	2
M200-2BS-070	7	8	R3.5	14	60	2
M200-2BS-080	8	8	R4	14	60	2
M200-2BS-100	10	10	R5	18	75	2
M200-2BS-110	11	12	R5.5	20	75	2
M200-2BS-120	12	12	R6	22	75	2
M200-2BS-140	14	14	R7	26	100	2
M200-2BS-160	16	16	R8	30	100	2
M200-2BS-180	18	18	R9	34	100	2
M200-2BS-200	20	20	R10	38	100	2

Product code	Dc mm h7	d1 mm	R mm ±0.02	Lc mm	L1 mm	Z
M200-2BL-010P	1	6	R0.5	2	75	2
M200-2BL-015P	1.5	6	R0.75	3	75	2
M200-2BL-020	2	4	R1	4	75	2
M200-2BL-020P	2	6	R1	4	75	2
M200-2BL-030	3	4	R1.5	6	75	2
M200-2BL-030P	3	6	R1.5	6	75	2
M200-2BL-040	4	4	R2	8	75	2
M200-2BL-050	5	6	R2.5	10	75	2
M200-2BL-060	6	6	R3	12	75	2
M200-2BL-080	8	8	R4	14	75	2
M200-2BL-090	9	10	R4.5	16	100	2
M200-2BL-100	10	10	R5	18	100	2
M200-2BL-110	11	12	R5.5	20	100	2
M200-2BL-120	12	12	R6	22	100	2
M200-2BL-140	14	14	R7	26	150	2
M200-2BL-160	16	16	R8	30	150	2
M200-2BL-180	18	18	R9	34	150	2
M200-2BL-200	20	20	R10	38	150	2

Product code	Dc mm h7	d1 mm	R mm ±0.02	Lc mm	L1 mm	Z
M200-2BX-040	4	4	R2	8	100	2
M200-2BX-060	6	6	R3	12	100	2
M200-2BX-070	7	8	R3.5	14	100	2
M200-2BX-080	8	8	R4	14	100	2
M200-2BX-100	10	10	R5	18	150	2
M200-2BX-120	12	12	R6	22	150	2

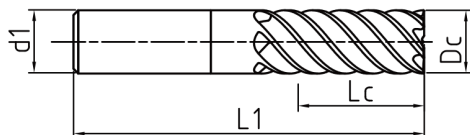
## ◆ Solid Carbide End Mill M205

ECO line

Solid Carbide End Mills

Square End Mill with 6 cutting edges

Workpiece hardness < HRC45



P	M	K	N	S	H	O
●●	●	●●				

Product code	Dc mm h9	d1 mm	Lc mm	L1 mm	Z
M205-6ES-060	6	6	16	50	6
M205-6ES-080	8	8	20	60	6
M205-6ES-100	10	10	25	75	6
M205-6ES-120	12	12	30	75	6
M205-6ES-140	14	14	34	100	6
M205-6ES-160	16	16	36	100	6
M205-6ES-180	18	18	40	100	6
M205-6ES-200	20	20	45	100	6