

# VP1-SC

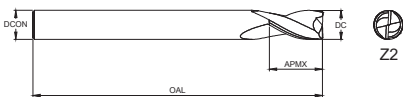
- ▶ Tooling solutions for auto component, general engineering and die & mould industry.
- ▶ Cost effective machining for roughing & semi-finishing operations in materials >45 HRC range.
- ▶ High edge chipping resistance enables high-speed cutting.
- ▶ Newest-generation of TiAlSiN-based coating with HiPIMS technology, SteelCon coating provides extreme wear resistance at extreme cutting temperatures, and exotic material machining. High hot hardness and diffusion wear resistance increases process stability.
- ▶ Designed to work in carbon steels, hardened alloy steels, tool steels, mold steels.



P	M	K	N	S	H
○					●

● Recommended ○ Good

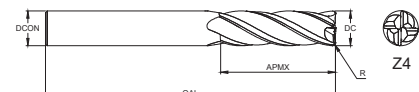
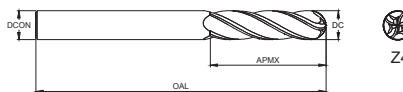
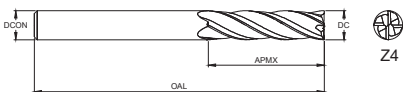
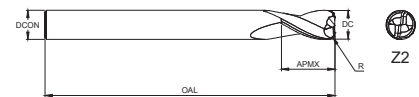
## SQUARE END MILL



## BALLNOSE END MILL



## CORNER RADIUS END MILL



Note: R = RD (CR Radius)

### CORNER RADIUS END MILL - Z4



units in mm

CODE	DC	DCON	APMX	OAL	RD (CR RADIUS)
MS-VP1-CR-4-0300-015-00-03-050-RD-SC	3	3	15	50	0.3, 0.5
MS-VP1-CR-4-0300-025-00-03-075-RD-SC	3	3	25	75	0.3, 0.5
MS-VP1-CR-4-0300-040-00-03-100-RD-SC	3	3	40	100	0.3, 0.5
MS-VP1-CR-4-0300-040-00-03-150-RD-SC	3	3	40	150	0.3, 0.5
MS-VP1-CR-4-0400-015-00-04-050-RD-SC	4	4	15	50	0.3, 0.5
MS-VP1-CR-4-0400-025-00-04-075-RD-SC	4	4	25	75	0.3, 0.5
MS-VP1-CR-4-0400-040-00-04-100-RD-SC	4	4	40	100	0.3, 0.5
MS-VP1-CR-4-0400-040-00-04-150-RD-SC	4	4	40	150	0.3, 0.5
MS-VP1-CR-4-0500-015-00-05-050-RD-SC	5	5	15	50	0.5, 1.0
MS-VP1-CR-4-0500-025-00-05-075-RD-SC	5	5	25	75	0.5, 1.0
MS-VP1-CR-4-0500-040-00-05-100-RD-SC	5	5	40	100	0.5, 1.0
MS-VP1-CR-4-0500-060-00-05-150-RD-SC	5	5	60	150	0.5, 1.0
MS-VP1-CR-4-0600-015-00-06-050-RD-SC	6	6	15	50	0.5, 1.0
MS-VP1-CR-4-0600-030-00-06-075-RD-SC	6	6	30	75	0.5, 1.0
MS-VP1-CR-4-0600-040-00-06-100-RD-SC	6	6	40	100	0.5, 1.0
MS-VP1-CR-4-0600-080-00-06-150-RD-SC	6	6	80	150	0.5, 1.0
MS-VP1-CR-4-0800-023-00-08-060-RD-SC	8	8	23	60	0.5, 1.0
MS-VP1-CR-4-0800-030-00-08-075-RD-SC	8	8	30	75	0.5, 1.0
MS-VP1-CR-4-0800-040-00-08-100-RD-SC	8	8	40	100	0.5, 1.0
MS-VP1-CR-4-0800-080-00-08-150-RD-SC	8	8	80	150	0.5, 1.0
MS-VP1-CR-4-1000-030-00-10-075-RD-SC	10	10	30	75	0.5, 1.0
MS-VP1-CR-4-1000-050-00-10-100-RD-SC	10	10	50	100	0.5, 1.0
MS-VP1-CR-4-1000-080-00-10-150-RD-SC	10	10	80	150	0.5, 1.0
MS-VP1-CR-4-1000-100-00-10-200-RD-SC	10	10	100	200	0.5, 1.0
MS-VP1-CR-4-1200-030-00-12-075-RD-SC	12	12	30	75	0.5, 1.0, 2.0
MS-VP1-CR-4-1200-050-00-12-100-RD-SC	12	12	50	100	0.5, 1.0, 2.0
MS-VP1-CR-4-1200-080-00-12-150-RD-SC	12	12	80	150	0.5, 1.0, 2.0
MS-VP1-CR-4-1200-100-00-12-200-RD-SC	12	12	100	200	0.5, 1.0, 2.0
MS-VP1-CR-4-1400-050-00-14-100-RD-SC	14	14	50	100	1.0, 2.0
MS-VP1-CR-4-1400-080-00-14-150-RD-SC	14	14	80	150	1.0, 2.0
MS-VP1-CR-4-1400-100-00-14-200-RD-SC	14	14	100	200	1.0, 2.0
MS-VP1-CR-4-1600-050-00-16-100-RD-SC	16	16	50	100	1.0, 2.0
MS-VP1-CR-4-1600-080-00-16-150-RD-SC	16	16	80	150	1.0, 2.0
MS-VP1-CR-4-1600-100-00-16-200-RD-SC	16	16	100	200	1.0, 2.0
MS-VP1-CR-4-1800-050-00-18-100-RD-SC	18	18	50	100	1.0, 2.0
MS-VP1-CR-4-1800-080-00-18-150-RD-SC	18	18	80	150	1.0, 2.0
MS-VP1-CR-4-1800-100-00-18-200-RD-SC	18	18	100	200	1.0, 2.0
MS-VP1-CR-4-2000-050-00-20-100-RD-SC	20	20	50	100	1.0, 2.0
MS-VP1-CR-4-2000-080-00-20-150-RD-SC	20	20	80	150	1.0, 2.0
MS-VP1-CR-4-2000-100-00-20-200-RD-SC	20	20	100	200	1.0, 2.0