



# CA-ZDS

アルミ加工用超硬座ぐり加工エンドミル【オリジナル商品】



●材質：超微粒子超硬合金

## 大好評の ZDS シリーズにアルミ加工用登場

- ・下穴無しでのノンステップ加工（1D 深さ以下）にも対応。
- ・優れた切りくず排出性で絡み付きなし。
- ・斜面へのドリリング前加工にも威力を発揮。



商品コード	商品略称	刃径	刃長	全長	シャンク径
OS32073	CA-ZDS 0.5	0.5	1	40	4
OS32074	CA-ZDS 0.6	0.6	1.2	40	4
OS32075	CA-ZDS 0.7	0.7	1.4	40	4
OS32076	CA-ZDS 0.8	0.8	1.6	40	4
OS32077	CA-ZDS 0.9	0.9	2	40	4
OS32078	CA-ZDS 1	1	2.5	45	4
OS32079	CA-ZDS 1.1	1.1	2.5	45	4
OS32080	CA-ZDS 1.2	1.2	4	45	4
OS32081	CA-ZDS 1.3	1.3	4	45	4
OS32082	CA-ZDS 1.4	1.4	4	45	4
OS32083	CA-ZDS 1.5	1.5	4	45	4
OS32084	CA-ZDS 1.6	1.6	5	45	4
OS32085	CA-ZDS 1.7	1.7	5	45	4
OS32086	CA-ZDS 1.8	1.8	5	45	4
OS32087	CA-ZDS 1.9	1.9	5	45	4
OS32088	CA-ZDS 2	2	6	45	4
OS32089	CA-ZDS 2.1	2.1	6	45	4
OS32090	CA-ZDS 2.2	2.2	6	45	4
OS32091	CA-ZDS 2.3	2.3	6	45	4
OS32092	CA-ZDS 2.4	2.4	6	45	4
OS32093	CA-ZDS 2.5	2.5	6	45	4
OS32094	CA-ZDS 2.6	2.6	6	45	4
OS32095	CA-ZDS 2.7	2.7	6	45	4
OS32096	CA-ZDS 2.8	2.8	6	45	4
OS32097	CA-ZDS 2.9	2.9	6	45	4
OS29950	CA-ZDS 3	3	8	50	6
OS29951	CA-ZDS 3.1	3.1	10	50	6
OS29952	CA-ZDS 3.2	3.2	10	50	6
OS29953	CA-ZDS 3.3	3.3	10	50	6
OS29954	CA-ZDS 3.4	3.4	10	50	6
OS29955	CA-ZDS 3.5	3.5	10	50	6
OS29956	CA-ZDS 3.6	3.6	10	50	6
OS29957	CA-ZDS 3.7	3.7	10	50	6
OS29958	CA-ZDS 3.8	3.8	11	50	6
OS29959	CA-ZDS 3.9	3.9	11	50	6
OS29960	CA-ZDS 4	4	11	50	6
OS29961	CA-ZDS 4.1	4.1	11	50	6
OS29962	CA-ZDS 4.2	4.2	11	50	6
OS29963	CA-ZDS 4.3	4.3	11	50	6
OS29964	CA-ZDS 4.4	4.4	11	50	6
OS29965	CA-ZDS 4.5	4.5	11	50	6
OS29966	CA-ZDS 4.6	4.6	11	50	6
OS29967	CA-ZDS 4.7	4.7	11	50	6
OS29968	CA-ZDS 4.8	4.8	13	60	6
OS29969	CA-ZDS 4.9	4.9	13	60	6
OS29970	CA-ZDS 5	5	13	60	6
OS29971	CA-ZDS 5.1	5.1	13	60	6
OS29972	CA-ZDS 5.2	5.2	13	60	6
OS29973	CA-ZDS 5.3	5.3	13	60	6
OS29974	CA-ZDS 5.4	5.4	13	60	6
OS29975	CA-ZDS 5.5	5.5	13	60	6
OS29976	CA-ZDS 5.6	5.6	13	60	6
OS29977	CA-ZDS 5.7	5.7	13	60	6
OS29978	CA-ZDS 5.8	5.8	13	60	6
OS29979	CA-ZDS 5.9	5.9	13	60	6
OS29980	CA-ZDS 6	6	13	60	6
OS29981	CA-ZDS 6.1	6.1	16	70	6
OS29982	CA-ZDS 6.2	6.2	16	70	6

商品コード	商品略称	刃径	刃長	全長	シャンク径
OS29983	CA-ZDS 6.3	6.3	16	70	6
OS29984	CA-ZDS 6.4	6.4	16	70	6
OS29985	CA-ZDS 6.5	6.5	16	70	6
OS29986	CA-ZDS 6.6	6.6	16	70	6
OS29987	CA-ZDS 6.7	6.7	16	70	6
OS29988	CA-ZDS 6.8	6.8	16	70	6
OS29989	CA-ZDS 6.9	6.9	16	70	6
OS29990	CA-ZDS 7	7	16	70	6
OS29991	CA-ZDS 7.1	7.1	16	70	6
OS29992	CA-ZDS 7.2	7.2	16	70	6
OS29993	CA-ZDS 7.3	7.3	16	70	6
OS29994	CA-ZDS 7.4	7.4	16	70	6
OS29995	CA-ZDS 7.5	7.5	16	70	6
OS29996	CA-ZDS 7.6	7.6	19	70	6
OS29997	CA-ZDS 7.7	7.7	19	70	6
OS29998	CA-ZDS 7.8	7.8	19	70	6
OS29999	CA-ZDS 7.9	7.9	19	70	6
OS30000	CA-ZDS 8	8	19	70	8
OS30001	CA-ZDS 8.1	8.1	19	80	8
OS30002	CA-ZDS 8.2	8.2	19	80	8
OS30003	CA-ZDS 8.3	8.3	19	80	8
OS30004	CA-ZDS 8.4	8.4	19	80	8
OS30005	CA-ZDS 8.5	8.5	19	80	8
OS30006	CA-ZDS 8.6	8.6	19	80	8
OS30007	CA-ZDS 8.7	8.7	19	80	8
OS30008	CA-ZDS 8.8	8.8	19	80	8
OS30009	CA-ZDS 8.9	8.9	19	80	8
OS30010	CA-ZDS 9	9	19	80	8
OS30011	CA-ZDS 9.1	9.1	19	80	8
OS30012	CA-ZDS 9.2	9.2	19	80	8
OS30013	CA-ZDS 9.3	9.3	19	80	8
OS30014	CA-ZDS 9.4	9.4	19	80	8
OS30015	CA-ZDS 9.5	9.5	19	80	8
OS30016	CA-ZDS 9.6	9.6	22	80	8
OS30017	CA-ZDS 9.7	9.7	22	80	8
OS30018	CA-ZDS 9.8	9.8	22	80	8
OS30019	CA-ZDS 9.9	9.9	22	80	8
OS30020	CA-ZDS 10	10	22	80	10
OS30021	CA-ZDS 10.1	10.1	22	90	10
OS30022	CA-ZDS 10.2	10.2	22	90	10
OS30023	CA-ZDS 10.3	10.3	22	90	10
OS30024	CA-ZDS 10.4	10.4	22	90	10
OS30025	CA-ZDS 10.5	10.5	22	90	10
OS30026	CA-ZDS 10.6	10.6	22	90	10
OS30027	CA-ZDS 10.7	10.7	22	90	10
OS30028	CA-ZDS 10.8	10.8	22	90	10
OS30029	CA-ZDS 10.9	10.9	22	90	10
OS30030	CA-ZDS 11	11	22	90	10
OS30031	CA-ZDS 11.1	11.1	22	90	10
OS30032	CA-ZDS 11.2	11.2	22	90	10
OS30033	CA-ZDS 11.3	11.3	22	90	10
OS30034	CA-ZDS 11.4	11.4	22	90	10
OS30035	CA-ZDS 11.5	11.5	22	90	10
OS30036	CA-ZDS 11.6	11.6	22	90	10
OS30037	CA-ZDS 11.7	11.7	22	90	10
OS30038	CA-ZDS 11.8	11.8	22	90	10
OS30039	CA-ZDS 11.9	11.9	26	90	10
OS30040	CA-ZDS 12	12	26	90	12