

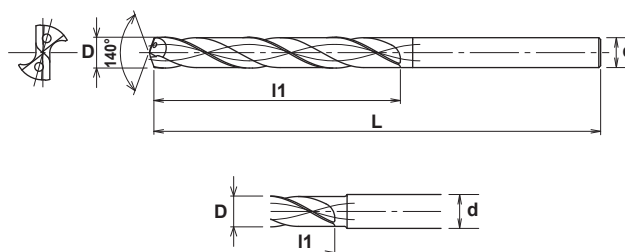
# EZ Drill

**METRIC**

## EZDL Type (5XD)-

- Energy conserving drill, can reduce cutting resistance and 30% power consumption when compared to conventional drill.
- Highly efficient and capable of high speed drilling with easy to grind point.

Diameter	Tolerance
up to 3mm	+0 / -0.014
over 3mm - up to 6mm	+0 / -0.018
over 6mm - up to 10mm	+0 / -0.022
over 10mm - up to 16mm	+0 / -0.027



CATALOG NUMBER	STK	DIMENSIONS			
		D	l1	L	d
EZDL030	•	3.0	24	77	3
EZDL031	•	3.1	28	81	4
EZDL032	•	3.2	28	81	4
EZDL033	•	3.3	28	81	4
EZDL034	•	3.4	28	81	4
EZDL035	•	3.5	28	81	4
EZDL036	•	3.6	32	85	4
EZDL037	•	3.7	32	85	4
EZDL038	•	3.8	32	85	4
EZDL039	•	3.9	32	85	4
EZDL040	•	4.0	32	85	4
EZDL041	•	4.1	36	91	5
EZDL042	•	4.2	36	91	5
EZDL043	•	4.3	36	91	5
EZDL044	•	4.4	36	91	5
EZDL045	•	4.5	36	91	5
EZDL046	•	4.6	40	94	5
EZDL047	•	4.7	40	94	5
EZDL048	•	4.8	40	94	5
EZDL049	•	4.9	40	94	5
EZDL050	•	5.0	40	94	5
EZDL051	•	5.1	44	96	6
EZDL052	•	5.2	44	96	6
EZDL053	•	5.3	44	96	6
EZDL054	•	5.4	44	96	6
EZDL055	•	5.5	44	96	6
EZDL056	•	5.6	48	100	6
EZDL057	•	5.7	48	100	6
EZDL058	•	5.8	48	100	6
EZDL059	•	5.9	48	100	6
EZDL060	•	6.0	48	100	6
EZDL061	•	6.1	52	105	7
EZDL062	•	6.2	52	105	7
EZDL063	•	6.3	52	105	7
EZDL064	•	6.4	52	105	7
EZDL065	•	6.5	52	105	7
EZDL066	•	6.6	56	109	7
EZDL067	•	6.7	56	109	7
EZDL068	•	6.8	56	109	7
EZDL069	•	6.9	56	109	7

CATALOG NUMBER	STK	DIMENSIONS			
		D	l1	L	d
EZDL070	•	7.0	56	109	7
EZDL071	•	7.1	60	114	8
EZDL072	•	7.2	60	114	8
EZDL073	•	7.3	60	114	8
EZDL074	•	7.4	60	114	8
EZDL075	•	7.5	60	114	8
EZDL076	•	7.6	64	118	8
EZDL077	•	7.7	64	118	8
EZDL078	•	7.8	64	118	8
EZDL079	•	7.9	64	118	8
EZDL080	•	8.0	64	118	8
EZDL081	•	8.1	68	127	9
EZDL082	•	8.2	68	127	9
EZDL083	•	8.3	68	127	9
EZDL084	•	8.4	68	127	9
EZDL085	•	8.5	68	127	9
EZDL086	•	8.6	72	127	9
EZDL087	•	8.7	72	127	9
EZDL088	•	8.8	72	127	9
EZDL089	•	8.9	72	127	9
EZDL090	•	9.0	72	127	9
EZDL091	•	9.1	76	136	10
EZDL092	•	9.2	76	136	10
EZDL093	•	9.3	76	136	10
EZDL094	•	9.4	76	136	10
EZDL095	•	9.5	76	136	10
EZDL096	•	9.6	80	136	10
EZDL097	•	9.7	80	136	10
EZDL098	•	9.8	80	136	10
EZDL099	•	9.9	80	136	10
EZDL100	•	10.0	80	136	10
EZDL101	•	10.1	84	149	11
EZDL102	•	10.2	84	149	11
EZDL103	•	10.3	84	149	11
EZDL104	•	10.4	84	149	11
EZDL105	•	10.5	84	149	11
EZDL106	•	10.6	88	149	11
EZDL107	•	10.7	88	149	11
EZDL108	•	10.8	88	149	11
EZDL109	•	10.9	88	149	11



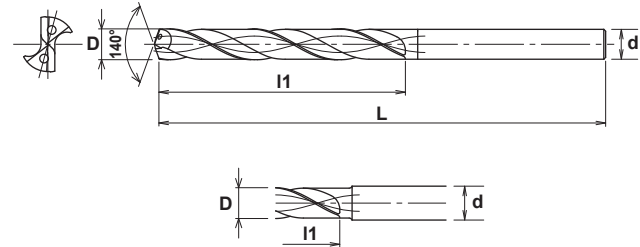
**METRIC**

**EZ Drill**

**EZDL Type (5XD)-**

- Energy conserving drill, can reduce cutting resistance and 30% power consumption when compared to conventional drill.
- Highly efficient and capable of high speed drilling with easy to regrind point.

Diameter	Tolerance
up to 3mm	+0 / -0.014
over 3mm - up to 6mm	+0 / -0.018
over 6mm - up to 10mm	+0 / -0.022
over 10mm - up to 16mm	+0 / -0.027



CATALOG NUMBER	STK	DIMENSIONS			
		D	I1	L	d
EZDL110	•	11.0	88	149	11
EZDL111	□	11.1	92	158	12
EZDL112	□	11.2	92	158	12
EZDL113	□	11.3	92	158	12
EZDL114	□	11.4	92	158	12
EZDL115	•	11.5	92	158	12
EZDL116	•	11.6	96	158	12
EZDL117	□	11.7	96	158	12
EZDL118	□	11.8	96	158	12
EZDL119	□	11.9	96	158	12
EZDL120	•	12.0	96	158	12
EZDL121	□	12.1	104	167	13
EZDL122	□	12.2	104	167	13
EZDL123	□	12.3	104	167	13
EZDL124	□	12.4	104	167	13
EZDL125	•	12.5	104	167	13
EZDL126	□	12.6	104	167	13
EZDL127	□	12.7	104	167	13
EZDL128	□	12.8	104	167	13
EZDL129	□	12.9	104	167	13
EZDL130	•	13.0	104	167	13
EZDL131	□	13.1	112	176	14
EZDL132	□	13.2	112	176	14
EZDL133	□	13.3	112	176	14
EZDL134	□	13.4	112	176	14

CATALOG NUMBER	STK	DIMENSIONS			
		D	I1	L	d
EZDL135	•	13.5	112	176	14
EZDL136	□	13.6	112	176	14
EZDL137	□	13.7	112	176	14
EZDL138	□	13.8	112	176	14
EZDL139	□	13.9	112	176	14
EZDL140	•	14.0	112	176	14
EZDL141	□	14.1	120	185	15
EZDL142	□	14.2	120	185	15
EZDL143	□	14.3	120	185	15
EZDL144	□	14.4	120	185	15
EZDL145	•	14.5	120	185	15
EZDL146	□	14.6	120	185	15
EZDL147	□	14.7	120	185	15
EZDL148	□	14.8	120	185	15
EZDL149	□	14.9	120	185	15
EZDL150	•	15.0	120	185	15
EZDL151	□	15.1	128	194	16
EZDL152	□	15.2	128	194	16
EZDL153	□	15.3	128	194	16
EZDL154	□	15.4	128	194	16
EZDL155	•	15.5	128	194	16
EZDL156	□	15.6	128	194	16
EZDL157	□	15.7	128	194	16
EZDL158	□	15.8	128	194	16
EZDL159	□	15.9	128	194	16
EZDL160	•	16.0	128	194	16

**Recommended Cutting Data**

- Stocked standard
- Inquire regarding delivery

Work Material	Hardness (HB)	Diameter							
		3 ~ 6		~ 10		~ 14		~ 16	
		Vc (m/min)	f (mm/rev)	Vc (m/min)	f (mm/rev)	Vc (m/min)	f (mm/rev)	Vc (m/min)	f (mm/rev)
Mild Steel	~ 180	50-120	0.10-0.25	80-140	0.15-0.30	80-160	0.20-0.35	80-170	0.20-0.35
Carbon Steel	~ 280	50-100	0.10-0.25	80-140	0.10-0.25	80-140	0.15-0.35	80-150	0.20-0.35
Alloy Steel	280 ~ 350	30-80	0.10-0.20	35-90	0.10-0.25	50-100	0.15-0.35	60-110	0.20-0.35
Stainless Steel	~ 280	20-60	0.5-0.15	30-80	0.10-0.25	40-100	0.15-0.35	40-110	0.15-0.30
Gray Cast Iron	~ 250	70-120	0.15-0.30	80-140	0.15-0.35	110-160	0.25-0.40	120-170	0.25-0.35
Nodular Cast Iron	~ 300	30-80	0.10-0.25	35-90	0.10-0.25	50-110	0.15-0.35	60-110	0.20-0.35
Aluminum Alloys	-	60-130	0.05-0.15	70-160	0.10-0.30	80-150	0.15-0.35	80-180	0.20-0.40
Heat-resistance Alloys	-	10-25	0.04-0.15	15-30	0.05-0.15	15-30	0.10-0.20	25-35	0.10-0.25