

# Solid Carbide Drill, Long Series, Metric



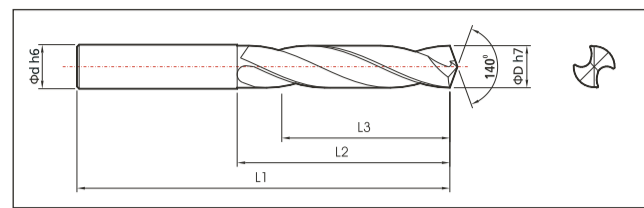
YSDL TiN



YSDL TiAlN



YSSD TiN ❖ Made-to-order



### Model : YSDL

- ▶ Solid Carbide drill, Yes standard length, Plain cylindrical HA shank.
- ▶ Effective cutting depth 5xDia. Whistle notch HE shank available on request)
- ▶ 140° self-centering point for accurate hole positioning. regular helix angle : 28° ~ 30°.
- ▶ Manufactured with heavy duty construction and excellent chip evacuation.
- ▶ High performance carbide drill and re-sharpening & re-conditioning available

### Carbide substrate

- ▶ Ultra-fine Micro Grain, PVD TiN, TiAlN coated as standard stock.

### Application

- ▶ To eliminate the need for center drilling and partially reaming. Highest hole quality and tolerance.
- ▶ Specially designed for machining center or CNC application.
- ▶ Broad range application from general to tough material.

Code No.	D	d	L1	L2	L3
YSDL 030	3.0				
YSDL 031	3.1				
YSDL 032	3.2				40
YSDL 033	3.3				
YSDL 034	3.4				
YSDL 035	3.5	4.0	80	45	
YSDL 036	3.6				
YSDL 037	3.7				
YSDL 038	3.8				39
YSDL 039	3.9				
YSDL 040	4.0				
YSDL 041	4.1				

Code No.	D	d	L1	L2	L3
YSDL 042	4.2				
YSDL 043	4.3				
YSDL 044	4.4				
YSDL 045	4.5				
YSDL 046	4.6	5.0	80	45	38
YSDL 047	4.7				
YSDL 048	4.8				
YSDL 049	4.9				
YSDL 050	5.0				
YSDL 051	5.1				

Code No.	D	d	L1	L2	L3
YSDL 052	5.2				
YSDL 053	5.3				
YSDL 054	5.4				
YSDL 055	5.5				
YSDL 056	5.6	6.0	83	50	41
YSDL 057	5.7				
YSDL 058	5.8				
YSDL 059	5.9				
YSDL 060	6.0				
YSDL 061	6.1				

Continued ▶▶

51  
Yes

52  
Yes

# Solid Carbide Drill, Long Series, Metric

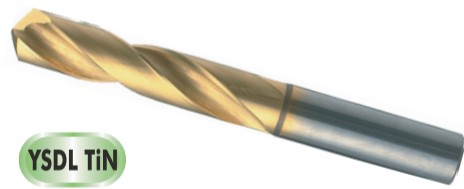
Code No.	D	d	L1	L2	L3
YSDL 062	6.2				
YSDL 063	6.3				
YSDL 064	6.4				
YSDL 065	6.5				
YSDL 066	6.6	7.0	85	53	43
YSDL 067	6.7				
YSDL 068	6.8				
YSDL 069	6.9				
YSDL 070	7.0				
YSDL 071	7.1				
YSDL 072	7.2				
YSDL 073	7.3				
YSDL 074	7.4				
YSDL 075	7.5				
YSDL 076	7.6	8.0	90	58	46
YSDL 077	7.7				
YSDL 078	7.8				
YSDL 079	7.9				
YSDL 080	8.0				
YSDL 081	8.1				
YSDL 082	8.2				
YSDL 083	8.3				
YSDL 084	8.4				
YSDL 085	8.5				
YSDL 086	8.6	9.0	98	64	51
YSDL 087	8.7				
YSDL 088	8.8				
YSDL 089	8.9				
YSDL 090	9.0				
YSDL 091	9.1				
YSDL 092	9.2				
YSDL 093	9.3				
YSDL 094	9.4				
YSDL 095	9.5				
YSDL 096	9.6	10.0	105	68	53
YSDL 097	9.7				
YSDL 098	9.8				
YSDL 099	9.9				
YSDL 100	10.0				
YSDL 101	10.1				
YSDL 102	10.2				
YSDL 103	10.3				
YSDL 104	10.4	11.0	110	73	57
YSDL 105	10.5				
YSDL 106	10.6				
YSDL 107	10.7				

Code No.	D	d	L1	L2	L3
YSDL 108	10.8				
YSDL 109	10.9	11.0	110	73	57
YSDL 110	11.0				
YSDL 111	11.1				
YSDL 112	11.2				
YSDL 113	11.3				
YSDL 114	11.4				
YSDL 115	11.5				
YSDL 116	11.6	12.0	120	80	62
YSDL 117	11.7				
YSDL 118	11.8				
YSDL 119	11.9				
YSDL 120	12.0				
YSDL 121	12.1				
YSDL 122	12.2				
YSDL 123	12.3				
YSDL 124	12.4				
YSDL 125	12.5				
YSDL 126	12.6	13.0	137	90	71
YSDL 127	12.7				
YSDL 128	12.8				
YSDL 129	12.9				
YSDL 130	13.0				
YSDL 131	13.1				
YSDL 132	13.2				
YSDL 133	13.3				
YSDL 134	13.4				
YSDL 135	13.5				
YSDL 136	13.6	14.0	147	96	75
YSDL 137	13.7				
YSDL 138	13.8				
YSDL 139	13.9				
YSDL 140	14.0				
YSDL 141	14.1				
YSDL 142	14.2				
YSDL 143	14.3				
YSDL 144	14.4				
YSDL 145	14.5				
YSDL 146	14.6	15.0	153	100	78
YSDL 147	14.7				
YSDL 148	14.8				
YSDL 149	14.9				
YSDL 150	15.0				
YSDL 151	15.1				
YSDL 152	15.2	16.0	160	112	88
YSDL 153	15.3				

Code No.	D	d	L1	L2	L3
YSDL 154	15.4				
YSDL 155	15.5				
YSDL 156	15.6				
YSDL 157	15.7				88
YSDL 158	15.8	16.0			
YSDL 159	15.9				
YSDL 160	16.0				
YSDL 161	16.1				
YSDL 162	16.2				
YSDL 163	16.3				
YSDL 164	16.4				
YSDL 165	16.5				
YSDL 166	16.6	17.0			
YSDL 167	16.7				
YSDL 168	16.8				
YSDL 169	16.9				
YSDL 170	17.0				
YSDL 171	17.1				
YSDL 172	17.2				
YSDL 173	17.3				
YSDL 174	17.4				
YSDL 175	17.5				
YSDL 176	17.6	18.0	160	112	85
YSDL 177	17.7				
YSDL 178	17.8				
YSDL 179	17.9				
YSDL 180	18.0				
YSDL 181	18.1				
YSDL 182	18.2				
YSDL 183	18.3	19.0			84
YSDL 184	18.4				
YSDL 185	18.5				
YSDL 186	18.6				
YSDL 187	18.7				
YSDL 188	18.8				
YSDL 189	18.9				
YSDL 190	19.0				
YSDL 191	19.1				
YSDL 192	19.2				
YSDL 193	19.3				
YSDL 194	19.4				
YSDL 195	19.5				
YSDL 196	19.6	20.0			82
YSDL 197	19.7				
YSDL 198	19.8				
YSDL 199	19.9				
YSDL 200	20.0				

Solid Carbide Series

# Solid Carbide Drill, Long Series, Inch



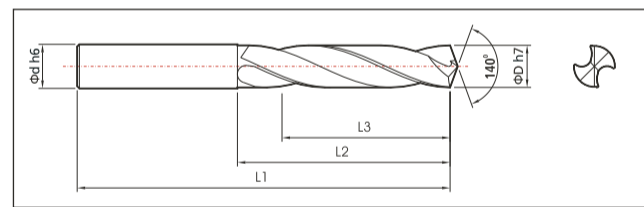
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### Inch Size

Code No.	D	d	L1	L2	L3
YSDL .1250	1/8				
YSDL .1562	5/32	3/16	3.15	1.77	1.57
YSDL .1875	3/16				
YSDL .2188	7/32				
YSDL .2500	1/4	1/4	3.26	2.08	1.69
YSDL .2656	17/64				
YSDL .2812	9/32				
YSDL .2969	19/64	5/16	3.54	2.28	1.81
YSDL .3125	5/16				
YSDL .3281	21/64				
YSDL .3438	11/32				
YSDL .3594	23/64	3/8	4.13	2.67	2.08
YSDL .3750	3/8				

### Inch Size

Code No.	D	d	L1	L2	L3
YSDL .3906	25/64				
YSDL .4062	13/32				
YSDL .4219	27/64	7/16	4.33	2.87	2.24
YSDL .4375	7/16				
YSDL .4531	29/64				
YSDL .4688	15/32				
YSDL .4844	31/64	1/2	5.39	3.54	2.79
YSDL .5000	1/2				
YSDL .5625	9/16	9/16	5.78	3.77	2.95
YSDL .6250	5/8	5/8			
YSDL .6875	11/16	11/16	6.29	4.4	3.46
YSDL .7500	3/4	3/4			

53  
Yes