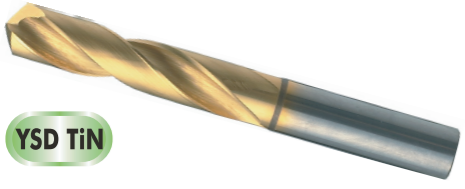


Solid Carbide Drill, Metric



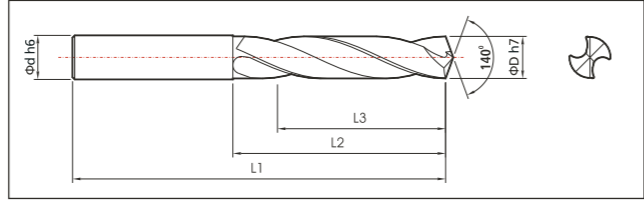
YSD TIN



YSD TiAlN



YSSD TIN ♦ Made-to-order



Model : YSD

- ▶ Solid Carbide drill, Yes standard length, Plain cylindrical HA shank.
- ▶ Effective cutting depth 3xDia. 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	Code No.	D	d	L1	L2	L3	Code No.	D	d	L1	L2	L3	
YSD 030	3.0	4.0	55	20	15	YSD 042	4.2	5.0	62	32	25	YSD 052	5.2	6.0	66	36	27	
YSD 031	3.1					YSD 043	4.3					YSD 053	5.3					
YSD 032	3.2					YSD 044	4.4					YSD 054	5.4					
YSD 033	3.3					YSD 045	4.5					YSD 055	5.5					
YSD 034	3.4					YSD 046	4.6					YSD 056	5.6					
YSD 035	3.5			YSD 047	4.7	YSD 057	5.7											
YSD 036	3.6			YSD 048	4.8	YSD 058	5.8											
YSD 037	3.7			YSD 049	4.9	YSD 059	5.9											
YSD 038	3.8			YSD 050	5.0	YSD 060	6.0											
YSD 039	3.9			YSD 051	5.1	YSD 061	6.1											
YSD 040	4.0																	
YSD 041	4.1																	

Code No.	D	d	L1	L2	L3	Code No.	D	d	L1	L2	L3	Code No.	D	d	L1	L2	L3
YSD 062	6.2	7.0	74	42	32	YSD 112	11.2	12.0	102	62	44	YSD 162	16.2	17.0	119	71	46
YSD 063	6.3					YSD 113	11.3					YSD 163	16.3				
YSD 064	6.4					YSD 114	11.4					YSD 164	16.4				
YSD 065	6.5					YSD 115	11.5					YSD 165	16.5				
YSD 066	6.6					YSD 116	11.6					YSD 166	16.6				
YSD 067	6.7					YSD 117	11.7					YSD 167	16.7				
YSD 068	6.8					YSD 118	11.8					YSD 168	16.8				
YSD 069	6.9					YSD 119	11.9					YSD 169	16.9				
YSD 070	7.0					YSD 120	12.0					YSD 170	17.0				
YSD 071	7.1					YSD 121	12.1					YSD 171	17.1				
YSD 072	7.2	YSD 122	12.2	YSD 172	17.2												
YSD 073	7.3	YSD 123	12.3	YSD 173	17.3												
YSD 074	7.4	YSD 124	12.4	YSD 174	17.4												
YSD 075	7.5	YSD 125	12.5	YSD 175	17.5												
YSD 076	7.6	YSD 126	12.6	YSD 176	17.6												
YSD 077	7.7	YSD 127	12.7	YSD 177	17.7												
YSD 078	7.8	YSD 128	12.8	YSD 178	17.8												
YSD 079	7.9	YSD 129	12.9	YSD 179	17.9												
YSD 080	8.0	YSD 130	13.0	YSD 180	18.0												
YSD 081	8.1	YSD 131	13.1	YSD 181	18.1												
YSD 082	8.2	YSD 132	13.2	YSD 182	18.2												
YSD 083	8.3	YSD 133	13.3	YSD 183	18.3												
YSD 084	8.4	YSD 134	13.4	YSD 184	18.4												
YSD 085	8.5	YSD 135	13.5	YSD 185	18.5												
YSD 086	8.6	YSD 136	13.6	YSD 186	18.6												
YSD 087	8.7	YSD 137	13.7	YSD 187	18.7												
YSD 088	8.8	YSD 138	13.8	YSD 188	18.8												
YSD 089	8.9	YSD 139	13.9	YSD 189	18.9												
YSD 090	9.0	YSD 140	14.0	YSD 190	19.0												
YSD 091	9.1	YSD 141	14.1	YSD 191	19.1												
YSD 092	9.2	YSD 142	14.2	YSD 192	19.2												
YSD 093	9.3	YSD 143	14.3	YSD 193	19.3												
YSD 094	9.4	YSD 144	14.4	YSD 194	19.4												
YSD 095	9.5	YSD 145	14.5	YSD 195	19.5												
YSD 096	9.6	YSD 146	14.6	YSD 196	19.6												
YSD 097	9.7	YSD 147	14.7	YSD 197	19.7												
YSD 098	9.8	YSD 148	14.8	YSD 198	19.8												
YSD 099	9.9	YSD 149	14.9	YSD 199	19.9												
YSD 100	10.0	YSD 150	15.0	YSD 200	20.0												
YSD 101	10.1	YSD 151	15.1														
YSD 102	10.2	YSD 152	15.2														
YSD 103	10.3	YSD 153	15.3														
YSD 104	10.4	YSD 154	15.4														
YSD 105	10.5	YSD 155	15.5														
YSD 106	10.6	YSD 156	15.6														
YSD 107	10.7	YSD 157	15.7														
YSD 108	10.8	YSD 158	15.8														
YSD 109	10.9	YSD 159	15.9														
YSD 110	11.0	YSD 160	16.0														
YSD 111	11.1	YSD 161	16.1														

Solid Carbide Series

Solid Carbide Series

Solid Carbide Drill, Inch



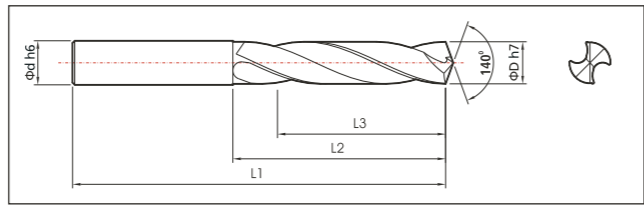
YSD TIN



YSD TiAlN



YSSD TIN ♦ Made-to-order



Model : YSD

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Inch Size

Code No.	D	d	L1	L2	L3
YSD .1250	1/8	3/16	2.16	0.78	0.59
YSD .1562	5/32		2.44	1.25	1
YSD .1875	3/16				
YSD .2188	7/32	1/4	2.91	1.65	1.25
YSD .2500	1/4				
YSD .2656	17/64	5/16	3.11	1.81	1.33
YSD .2812	9/32				
YSD .2969	19/64				
YSD .3125	5/16				
YSD .3281	21/64				
YSD .3438	11/32	3/8	3.5	2.08	1.5
YSD .3594	23/64				
YSD .3750	3/8				

Inch Size

Code No.	D	d	L1	L2	L3
YSD .3906	25/64	7/16	3.74	2.16	1.57
YSD .4062	13/32				
YSD .4219	27/64				
YSD .4375	7/16				
YSD .4531	29/64	1/2	4.01	2.44	1.65
YSD .4688	15/32				
YSD .4844	31/64				
YSD .5000	1/2				
YSD .5625	9/16				
YSD .6250	5/8	5/8	4.52	2.71	
YSD .6875	11/16	11/16	4.84	2.91	1.85
YSD .7500	3/4	3/4	5	2.99	1.88