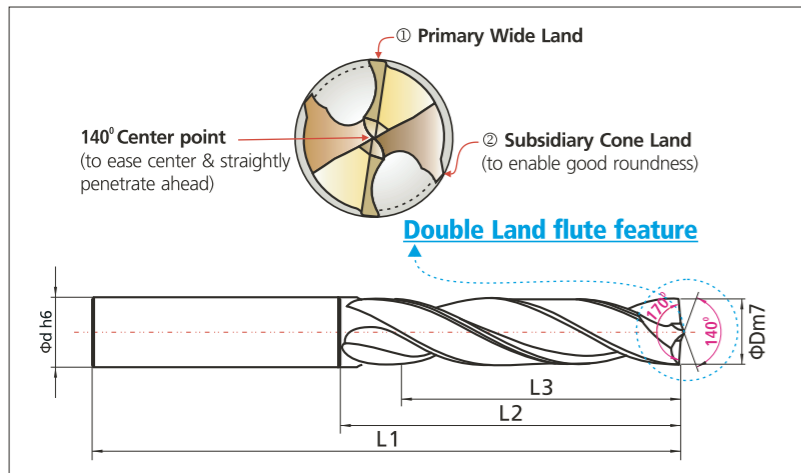


Solid Carbide "F" (flat bottom) point drills

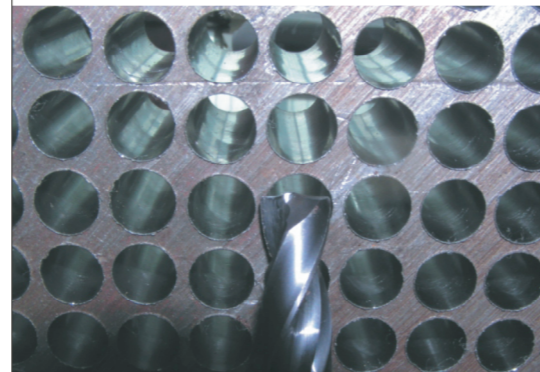


YSDF YSDLF



"F" point test photo as below

Drill : YSDLF 100 TiAlN
 Material : SCM440(42CrMo4)
 rpm : 2,000
 f : 0.2mm/rev (F : 400mm/min)



YSDF - Solid Carbide "F" Point Drill

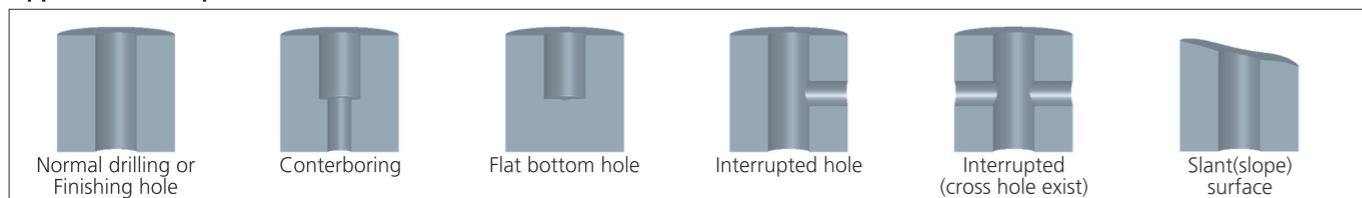
Code No.	D	d	L1	L2	L3
YSDF 030-035	3.0-3.5	4	55	20	15
YSDF 036-041	3.6-4.1			25	19
YSDF 042-051	4.2-5.1	5	62	32	25
YSDF 052-061	5.2-6.1	6	66	36	27
YSDF 062-071	6.2-7.1	7	74	42	32
YSDF 072-081	7.2-8.1	8	79	46	34
YSDF 082-091	8.2-9.1	9	84	50	37
YSDF 092-101	9.2-10.1	10	89	53	38
YSDF 102-111	10.2-11.1	11	95	55	40
YSDF 112-121	11.2-12.1	12	102	62	44
YSDF 122-131	12.2-13.1	13			42
YSDF 132-141	13.2-14.1	14	107	64	43
YSDF 142-151	14.2-15.1	15	111	67	45
YSDF 152-161	15.2-16.1	16	115	69	
YSDF 162-171	16.2-17.1	17	119	71	46
YSDF 172-181	17.2-18.1	18	123	74	47
YSDF 182-191	18.2-19.1	19	127	76	48
YSDF 192-200	19.2-20.0	20	131	80	50

YSDLF - Solid Carbide "F" Point Long Drill

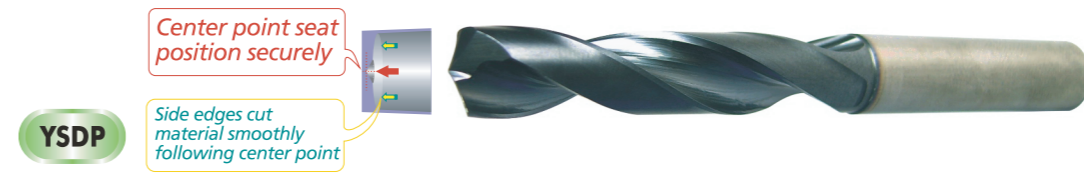
Code No.	D	d	L1	L2	L3
YSDLF 030-035	3.0-3.5	4	80	45	40
YSDLF 036-041	3.6-4.1				39
YSDLF 042-051	4.2-5.1	5			38
YSDLF 052-061	5.2-6.1	6	83	50	41
YSDLF 062-071	6.2-7.1	7	85	53	43
YSDLF 072-081	7.2-8.1	8	90	58	46
YSDLF 082-091	8.2-9.1	9	98	64	51
YSDLF 092-101	9.2-10.1	10	105	68	53
YSDLF 102-111	10.2-11.1	11	110	73	57
YSDLF 112-121	11.2-12.1	12	120	80	62
YSDLF 122-131	12.2-13.1	13	137	90	71
YSDLF 132-141	13.2-14.1	14	147	96	75
YSDLF 142-151	14.2-15.1	15	153	100	78
YSDLF 152-161	15.2-16.1	16	160	112	88
YSDLF 162-171	16.2-17.1	17			87
YSDLF 172-181	17.2-18.1	18			85
YSDLF 182-191	18.2-19.1	19			84
YSDLF 192-200	19.2-20.0	20			82

- Note : "F" point drill is available on request.

Application example.

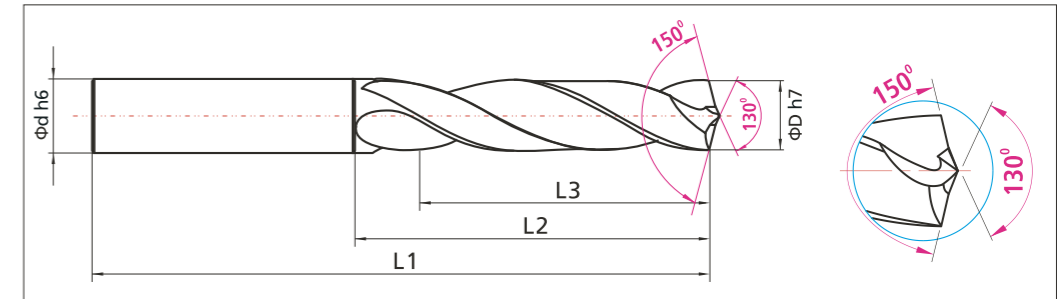


Solid Carbide "P" (Premium) point Drill



YSDP

YSDLP



- ▶ New premium dual point design (130° center+150° side edges)
- ▶ Enables Deep hole drilling
- ▶ Minimized vibration
- ▶ Higher penetration
- ▶ Faster chip evacuation rate
- ▶ Available with newest coating "Y+" to increase tool life

YSDP - Solid Carbide "P" Point Drill

Code No.	D	d	L1	L2	L3
YSDP 030-035	3.0-3.5	4	55	20	15
YSDP 036-041	3.6-4.1			25	19
YSDP 042-051	4.2-5.1	5	62	32	25
YSDP 052-061	5.2-6.1	6	66	36	27
YSDP 062-071	6.2-7.1	7	74	42	32
YSDP 072-081	7.2-8.1	8	79	46	34
YSDP 082-091	8.2-9.1	9	84	50	37
YSDP 092-101	9.2-10.1	10	89	53	38
YSDP 102-111	10.2-11.1	11	95	55	40
YSDP 112-121	11.2-12.1	12	102	62	44
YSDP 122-131	12.2-13.1	13			42
YSDP 132-141	13.2-14.1	14	107	64	43
YSDP 142-151	14.2-15.1	15	111	67	45
YSDP 152-161	15.2-16.1	16	115	69	
YSDP 162-171	16.2-17.1	17	119	71	46
YSDP 172-181	17.2-18.1	18	123	74	47
YSDP 182-191	18.2-19.1	19	127	76	48
YSDP 192-200	19.2-20.0	20	131	80	50

YSDLP - Solid Carbide "P" Point Long Drill

Code No.	D	d	L1	L2	L3
YSDLP 030-035	3.0-3.5	4	80	45	40
YSDLP 036-041	3.6-4.1				39
YSDLP 042-051	4.2-5.1	5			38
YSDLP 052-061	5.2-6.1	6	83	50	41
YSDLP 062-071	6.2-7.1	7	85	53	43
YSDLP 072-081	7.2-8.1	8	90	58	46
YSDLP 082-091	8.2-9.1	9	98	64	51
YSDLP 092-101	9.2-10.1	10	105	68	53
YSDLP 102-111	10.2-11.1	11	110	73	57
YSDLP 112-121	11.2-12.1	12	120	80	62
YSDLP 122-131	12.2-13.1	13	137	90	71
YSDLP 132-141	13.2-14.1	14	147	96	75
YSDLP 142-151	14.2-15.1	15	153	100	78
YSDLP 152-161	15.2-16.1	16	160	112	88
YSDLP 162-171	16.2-17.1	17			87
YSDLP 172-181	17.2-18.1	18			85
YSDLP 182-191	18.2-19.1	19			84
YSDLP 192-200	19.2-20.0	20			82

- Note : "P" point drill is available on request.