

THINK PLASTIC DRILLING

FRACTIONAL DRILLS

PART #	CED	CEL	SHK DIA	OAL
70-502	1/8 (0.125)	1 1/2	1/8	2 3/4
70-503	9/64 (0.141)	1 3/4	9/64	2 7/8
70-506	5/32 (0.156)	1 15/16	5/32	3 1/8
70-509	1 1/64 (0.172)	1 3/4	1 1/64	3 1/4
70-510	3/16 (0.188)	2 1/8	3/16	3 1/2
70-511	1 3/64 (0.203)	2 7/16	1 3/64	3 5/8
70-512	7/32 (0.219)	2 1/2	7/32	3 3/4
70-513	1 5/64 (0.234)	2 5/8	1 5/64	3 7/8
70-514	1/4 (0.250)	2 7/16	1/4	4
70-515	1 7/64 (0.266)	2 7/8	1 7/64	4 1/8
70-516	9/32 (0.281)	2 15/16	9/32	4 1/4
70-517	1 9/64 (0.297)	3 1/16	1 9/64	4 3/8
70-520	5/16 (0.313)	1 3/4	5/16	3 7/8
70-521	2 1/64 (0.328)	3 5/16	2 1/64	4 5/8
70-522	1 1/32 (0.344)	3 7/16	1 1/32	4 3/4
70-523	2 3/64 (0.359)	3 1/2	2 3/64	4 7/8
70-524	3/8 (0.375)	2 1/4	3/8	4 3/8
70-525	2 5/64 (0.391)	3 3/4	2 5/64	5 1/8
70-526	1 3/32 (0.406)	3 7/8	1 3/32	5 1/8
70-527	2 7/64 (0.422)	3 15/16	2 7/64	5 3/8
70-528	7/16 (0.438)	2 1/2	7/16	4 3/4
70-529	2 9/64 (0.453)	4 3/16	2 9/64	5 5/8
70-530	1 5/32 (0.469)	4 5/16	1 5/32	5 3/4
70-531	3 1/64 (0.484)	4 3/8	3 1/64	5 7/8
70-532	1/2 (0.500)	2 5/8	1/2	5 1/8
70-533	3 3/64 (0.516)	3 1/8	1/2	6
70-534	1 7/32 (0.531)	3 1/8	1/2	6
70-535	3 5/64 (0.547)	3 1/8	1/2	6
70-536	9/16 (0.563)	3 1/8	1/2	6
70-537	3 7/64 (0.578)	3 1/8	1/2	6
70-538	1 9/32 (0.594)	3 1/8	1/2	6
70-539	3 9/64 (0.609)	3 1/8	1/2	6
70-540	5/8 (0.625)	3 1/8	1/2	6
70-541	4 1/64 (0.641)	3 1/8	1/2	6
70-542	2 1/32 (0.656)	3 1/8	1/2	6
70-543	4 3/64 (0.672)	3 1/8	1/2	6
70-544	1 1/16 (0.688)	3 1/8	1/2	6
70-545	4 5/64 (0.703)	3 1/8	1/2	6
70-546	2 3/32 (0.719)	3 1/8	1/2	6
70-547	4 7/64 (0.734)	3 1/8	1/2	6
70-548	3/4 (0.750)	3 1/8	1/2	6
70-549	4 9/64 (0.766)	3 1/8	1/2	6
70-550	2 5/32 (0.781)	3 1/8	1/2	6
70-551	5 1/64 (0.797)	3 1/8	1/2	6
70-552	1 3/16 (0.813)	3 1/8	1/2	6
70-553	5 3/64 (0.828)	3 1/8	1/2	6
70-554	2 7/32 (0.844)	3 1/8	1/2	6
70-555	5 5/64 (0.859)	3 1/8	1/2	6
70-556	7/8 (0.875)	3 1/8	1/2	6
70-557	5 7/64 (0.891)	3 1/8	1/2	6
70-558	2 9/32 (0.906)	3 1/8	1/2	6
70-559	5 9/64 (0.922)	3 1/8	1/2	6
70-560	1 5/16 (0.938)	3 1/8	1/2	6
70-561	6 1/64 (0.953)	3 1/8	1/2	6
70-562	3 1/32 (0.969)	3 1/8	1/2	6
70-563	6 3/64 (0.984)	3 1/8	1/2	6

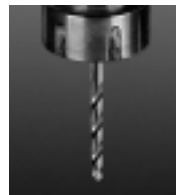
HSS PLASTIC DRILLS

Onsrud's high-speed-steel drills are designed to produce holes in hard and soft plastic while eliminating edge chipping and chip wrapping. The point is specially ground at a 60° angle for gradual penetration into the material while eliminating cracking and chipping. The 0° rake angle on the cutting edge eliminates grabbing as the drill exits through the material producing a clean hole.

Custom sizes can be made upon request.



- NO Wrapping
- NO Cleaning
- NO Melting
- NO Surface Marring
- NO Interrupted Operation



**FASTER,
CLEANER
HOLES**

THINK ONSRUD

03/05



Leitz Metalworking Technology Group

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PLASTIC DRILLS WITH SPECIAL POINT

NO Interrupted Operation
NO Surface Marring
NO Wrapping
NO Cleaning
NO Melting

**FASTER
CLEANER
HOLES**

LETTER DRILLS

PART #	CED	CEL	SHK DIA	OAL
70-600	A (0.234)	2 ⁵ / ₈	0.234	3 ⁷ / ₈
70-601	B (0.238)	2 ³ / ₄	0.238	4
70-602	C (0.242)	2 ³ / ₄	0.242	4
70-603	D (0.246)	2 ³ / ₄	0.246	4
70-604	E (0.250)	2 ³ / ₄	0.250	4
70-605	F (0.257)	2 ⁷ / ₈	0.257	4 ¹ / ₈
70-606	G (0.261)	2 ⁷ / ₈	0.261	4 ¹ / ₈
70-607	H (0.266)	2 ⁷ / ₈	0.266	4 ¹ / ₈
70-608	I (0.272)	2 ⁷ / ₈	0.272	4 ¹ / ₈
70-609	J (0.277)	2 ⁷ / ₈	0.277	4 ¹ / ₈
70-610	K (0.281)	2 ¹⁵ / ₁₆	0.281	4 ¹ / ₄
70-611	L (0.291)	2 ¹⁵ / ₁₆	0.291	4 ¹ / ₄
70-612	M (0.295)	3 ¹ / ₁₆	0.295	4 ³ / ₈
70-613	N (0.302)	3 ¹ / ₁₆	0.302	4 ³ / ₈
70-614	O (0.316)	3 ³ / ₁₆	0.316	4 ¹ / ₂
70-615	P (0.323)	3 ⁵ / ₁₆	0.323	4 ⁵ / ₈
70-616	Q (0.332)	3 ⁷ / ₁₆	0.332	4 ³ / ₄
70-617	R (0.339)	3 ⁷ / ₁₆	0.339	4 ³ / ₄
70-618	S (0.348)	3 ¹ / ₂	0.348	4 ⁷ / ₈
70-619	T (0.358)	3 ¹ / ₂	0.358	4 ⁷ / ₈
70-620	U (0.368)	3 ⁵ / ₈	0.368	5
70-621	V (0.377)	3 ⁵ / ₈	0.377	5
70-622	W (0.386)	3 ³ / ₄	0.386	5 ¹ / ₈
70-623	X (0.397)	3 ³ / ₄	0.397	5 ¹ / ₈
70-624	Y (0.404)	3 ⁷ / ₈	0.404	5 ¹ / ₄
70-625	Z (0.413)	3 ¹⁵ / ₁₆	0.413	5 ¹ / ₄

WIRE DRILLS

PART #	CED	CEL	SHK DIA	OAL
70-630	1 (0.228)	2 ⁵ / ₈	0.228	3 ⁷ / ₈
70-631	2 (0.221)	2 ⁵ / ₈	0.221	3 ⁷ / ₈
70-632	3 (0.213)	2 ¹ / ₂	0.213	3 ³ / ₄
70-633	4 (0.209)	2 ¹ / ₂	0.209	3 ³ / ₄
70-634	5 (0.206)	2 ¹ / ₂	0.206	3 ³ / ₄
70-635	6 (0.204)	2 ¹ / ₂	0.204	3 ³ / ₄
70-636	7 (0.201)	2 ⁷ / ₁₆	0.201	3 ⁵ / ₈
70-637	8 (0.199)	2 ⁷ / ₁₆	0.199	3 ⁵ / ₈
70-638	9 (0.196)	2 ⁷ / ₁₆	0.196	3 ⁵ / ₈
70-639	10 (0.194)	2 ⁷ / ₁₆	0.194	3 ⁵ / ₈
70-640	11 (0.191)	2 ⁵ / ₁₆	0.191	3 ¹ / ₂
70-641	12 (0.189)	2 ⁵ / ₁₆	0.189	3 ¹ / ₂
70-642	13 (0.185)	2 ⁵ / ₁₆	0.185	3 ¹ / ₂
70-643	14 (0.182)	2 ³ / ₁₆	0.182	3 ³ / ₈
70-644	15 (0.180)	2 ³ / ₁₆	0.180	3 ³ / ₈
70-645	16 (0.177)	2 ³ / ₁₆	0.177	3 ³ / ₈
70-646	17 (0.173)	2 ³ / ₁₆	0.173	3 ³ / ₈
70-647	18 (0.170)	2 ³ / ₈	0.170	3 ¹ / ₄
70-648	19 (0.166)	2 ¹ / ₈	0.166	3 ¹ / ₄
70-649	20 (0.161)	2 ¹ / ₈	0.161	3 ¹ / ₄
70-650	21 (0.159)	2 ¹ / ₈	0.159	3 ¹ / ₄
70-651	22 (0.157)	2	0.157	3 ¹ / ₈
70-652	23 (0.154)	2	0.154	3 ¹ / ₈
70-653	24 (0.152)	2	0.152	3 ¹ / ₈
70-654	25 (0.150)	1 ⁷ / ₈	0.150	3
70-655	26 (0.147)	1 ⁷ / ₈	0.147	3
70-656	27 (0.144)	1 ⁷ / ₈	0.144	3
70-657	28 (0.141)	1 ³ / ₄	0.141	2 ⁷ / ₈
70-658	29 (0.136)	1 ³ / ₄	0.136	2 ⁷ / ₈
70-659	30 (0.129)	1 ⁵ / ₈	0.129	2 ³ / ₄
70-660	31 (0.120)	1 ⁵ / ₈	0.120	2 ³ / ₄

METRIC DRILLS

PART #	CED	CEL	SHK DIA	OAL
70-714	3.00 (0.118)	41	3.00	70
70-715	3.50 (0.138)	44	3.50	73
70-716	4.00 (0.157)	54	4.00	83
70-717	4.50 (0.177)	56	4.50	86
70-718	5.00 (0.197)	62	5.00	92
70-719	5.50 (0.217)	64	5.50	95
70-720	6.00 (0.236)	70	6.00	102
70-721	6.50 (0.256)	73	6.50	105
70-722	7.00 (0.276)	73	7.00	105
70-723	7.50 (0.295)	78	7.50	111
70-724	8.00 (0.315)	81	8.00	114
70-725	8.50 (0.335)	87	8.50	121
70-726	9.00 (0.354)	89	9.00	124
70-727	9.50 (0.374)	92	9.50	127
70-728	10.00 (0.394)	95	10.00	130
70-729	10.50 (0.413)	98	10.50	133
70-730	11.00 (0.433)	103	11.00	140
70-731	11.50 (0.453)	106	11.50	143
70-732	12.00 (0.472)	111	12.00	149
70-733	12.50 (0.492)	114	12.50	152
70-734	13.00 (0.512)	114	13.00	152
70-735	13.50 (0.531)	122	13.50	168
70-736	14.00 (0.551)	122	14.00	168
70-737	14.50 (0.571)	122	14.50	168
70-738	15.00 (0.591)	132	15.00	181
70-739	15.50 (0.610)	132	15.50	181
70-740	16.00 (0.630)	132	16.00	181
70-741	16.50 (0.650)	132	16.50	181
70-742	17.00 (0.669)	143	17.00	194
70-743	17.50 (0.689)	143	17.50	194