

Deep-Hole Parabolic Styles 150DH, 150DH-TN (150DHT)

Features/Benefits:

- Parabolic flute configuration with proprietary Convoflute flute design offers wider flute space, dispersing chips away from the cutting edges more rapidly and increasing coolant flow.
- Engineered for deep-hole drilling up to 8 to 12 X diameter depth, depending on drill diameter.
- Manufactured from premium high-speed steel.
- 135° split point is self-centering, and uses reduced thrust for easier penetration.
- TiN and bright finishes standard from stock; alternate coatings available as stock modifications.

Application Information:

- low carbon steel (TiN, bright)
- soft alloy steel (TiN, bright)
- aluminum (TiCN as a modification)
- non-ferrous materials (bright)

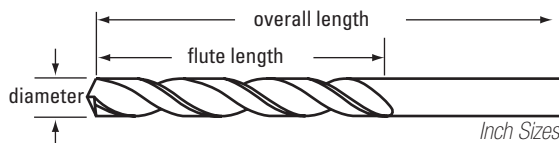
Surface Treatment Information

- Titanium-nitride (TiN) coating adds lubricity and hardness, enhancing chip flow, finished hole quality, and drill life.



Style 150DH
Bright Finish

Style 150DH-TN
TiN-Coated



INCH SIZES

Drill Diameter				Overall Length		Flute Length		Style 150DH	Style 150DH-TN
Fract	Wire/Let	Decimal	mm	Inch	mm	Inch	mm	Bright	TiN
1/16		.0625	1.59	1.8750	47.63	.8750	22.23	68904	54083
	52	.0635	1.61	1.8750	47.63	.8750	22.23	69052	53981
	51	.0670	1.70	2.0000	50.80	1.0000	25.40	69051	53980
	50	.0700	1.78	2.0000	50.80	1.0000	25.40	69050	53979
	49	.0730	1.85	2.0000	50.80	1.0000	25.40	69049	53978
5/64	48	.0760	1.93	2.0000	50.80	1.0000	25.40	69048	53977
		.0781	1.98	2.0000	50.80	1.0000	25.40	68905	54084
	47	.0785	1.99	2.0000	50.80	1.0000	25.40	69047	53976
	46	.0810	2.06	2.1250	53.98	1.1250	28.58	69046	53975
	45	.0820	2.08	2.1250	53.98	1.1250	28.58	69045	53974
3/32	44	.0860	2.18	2.1250	53.98	1.1250	28.58	69044	53973
	43	.0890	2.26	2.2500	57.15	1.2500	31.75	69043	53972
	42	.0935	2.37	2.2500	57.15	1.2500	31.75	69042	53971
		.0938	2.38	2.2500	57.15	1.2500	31.75	68906	54085
	41	.0960	2.44	2.3750	60.33	1.3750	34.93	69041	53970
7/64	40	.0980	2.49	2.3750	60.33	1.3750	34.93	69040	53969
	39	.0995	2.53	2.3750	60.33	1.3750	34.93	69039	53968
	38	.1015	2.58	2.5000	63.50	1.4375	36.51	69038	53967
	37	.1040	2.64	2.5000	63.50	1.4375	36.51	69037	53966
	36	.1065	2.71	2.5000	63.50	1.4375	36.51	69036	53965
7/64		.1094	2.78	2.6250	66.68	1.5000	38.10	68907	54086
	35	.1100	2.79	2.6250	66.68	1.5000	38.10	69035	53964

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Deep-Hole Parabolic (continued) Styles 150DH, 150DH-TN (150DHT)

INCH SIZES

Drill Diameter		Decimal	mm	Overall Length		Flute Length		Style	Style
Fract	Wire/Let			Inch	mm	Inch	mm	150DH Bright	150DH-TN TiN
	34	.1110	2.82	2.6250	66.68	1.5000	38.10	69034	53963
	33	.1130	2.87	2.6250	66.68	1.5000	38.10	69033	53962
	32	.1160	2.95	2.7500	69.85	1.6250	41.28	69032	53961
	31	.1200	3.05	2.7500	69.85	1.6250	41.28	69031	53960
1/8		.1250	3.18	2.7500	69.85	1.6250	41.28	68908	53901
	30	.1285	3.26	2.7500	69.85	1.6250	41.28	69030	53959
	29	.1360	3.45	2.8750	73.03	1.7500	44.45	69029	53958
	28	.1405	3.57	2.8750	73.03	1.7500	44.45	69028	53957
9/64		.1406	3.57	2.8750	73.03	1.7500	44.45	68909	53902
	27	.1440	3.66	3.0000	76.20	1.8750	47.63	69027	53956
	26	.1470	3.73	3.0000	76.20	1.8750	47.63	69026	53955
	25	.1495	3.80	3.0000	76.20	1.8750	47.63	69025	53954
	24	.1520	3.86	3.1250	79.38	2.0000	50.80	69024	53953
	23	.1540	3.91	3.1250	79.38	2.0000	50.80	69023	53952
5/32		.1562	3.97	3.1250	79.38	2.0000	50.80	68910	53903
	22	.1570	3.99	3.1250	79.38	2.0000	50.80	69022	53951
	21	.1590	4.04	3.2500	82.55	2.1250	53.98	69021	53950
	20	.1610	4.09	3.2500	82.55	2.1250	53.98	69020	53949
	19	.1660	4.22	3.2500	82.55	2.1250	53.98	69019	53948
	18	.1695	4.31	3.2500	82.55	2.1250	53.98	69018	53947
11/64		.1719	4.37	3.2500	82.55	2.1250	53.98	68911	53904
	17	.1730	4.39	3.3750	85.73	2.1875	55.56	69017	53946
	16	.1770	4.50	3.3750	85.73	2.1875	55.56	69016	53945
	15	.1800	4.57	3.3750	85.73	2.1875	55.56	69015	53944
	14	.1820	4.62	3.3750	85.73	2.1875	55.56	69014	53943
	13	.1850	4.70	3.5000	88.90	2.3125	58.74	69013	53942
3/16		.1875	4.76	3.5000	88.90	2.3125	58.74	68912	53905
	12	.1890	4.80	3.5000	88.90	2.3125	58.74	69012	53941
	11	.1910	4.85	3.5000	88.90	2.3125	58.74	69011	53940
	10	.1935	4.91	3.6250	92.08	2.4375	61.91	69010	53939
	9	.1960	4.98	3.6250	92.08	2.4375	61.91	69009	53938
	8	.1990	5.05	3.6250	92.08	2.4375	61.91	69008	53937
	7	.2010	5.11	3.6250	92.08	2.4375	61.91	69007	53936
13/64		.2031	5.16	3.6250	92.08	2.4375	61.91	68913	53906
	6	.2040	5.18	3.7500	95.25	2.5000	63.50	69006	53935
	5	.2055	5.22	3.7500	95.25	2.5000	63.50	69005	53934
	4	.2090	5.31	3.7500	95.25	2.5000	63.50	69004	53933
	3	.2130	5.41	3.7500	95.25	2.5000	63.50	69003	53932
7/32		.2188	5.56	3.7500	95.25	2.5000	63.50	68914	53907
	2	.2210	5.61	3.8750	98.43	2.6250	66.68	69002	53931
	1	.2280	5.79	3.8750	98.43	2.6250	66.68	69001	53930
	A	.2340	5.94	3.8750	98.43	2.6250	66.68	68970	53869
15/64		.2344	5.95	3.8750	98.43	2.6250	66.68	68915	53908
	B	.2380	6.05	4.0000	101.60	2.7500	69.85	68971	53870
	C	.2420	6.15	4.0000	101.60	2.7500	69.85	68972	53871
	D	.2460	6.25	4.0000	101.60	2.7500	69.85	68973	53872
1/4		.2500	6.35	4.0000	101.60	2.7500	69.85	68916	53909
	F	.2570	6.53	4.1250	104.78	2.8750	73.03	68975	53873
	G	.2610	6.63	4.1250	104.78	2.8750	73.03	68976	53874

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Deep-Hole Parabolic (continued) **Styles 150DH, 150DH-TN (150DHT)**

INCH SIZES

Drill Diameter		Decimal	mm	Overall Length		Flute Length		Style 150DH Bright	Style 150DH-TN TiN
Fract	Wire/Let			Inch	mm	Inch	mm		
17/64		.2656	6.75	4.1250	104.78	2.8750	73.03	68917	53910
	H	.2660	6.76	4.1250	104.78	2.8750	73.03	68977	53875
	I	.2720	6.91	4.1250	104.78	2.8750	73.03	68978	53876
	J	.2770	7.04	4.1250	104.78	2.8750	73.03	68979	53877
9/32	K	.2812	7.14	4.2500	107.95	2.9375	74.61	68918	53911
	L	.2900	7.37	4.2500	107.95	2.9375	74.61	68980	53879
	M	.2950	7.49	4.3750	111.13	3.0625	77.79	68981	53880
19/64		.2969	7.54	4.3750	111.13	3.0625	77.79	68919	53912
	N	.3020	7.67	4.3750	111.13	3.0625	77.79	68982	53881
5/16		.3125	7.94	4.5000	114.30	3.1875	80.96	68920	53913
	O	.3160	8.03	4.5000	114.30	3.1875	80.96	68983	53882
	P	.3230	8.20	4.6250	117.48	3.3125	84.14	68984	53883
21/64		.3281	8.33	4.6250	117.48	3.3125	84.14	68921	53914
	Q	.3320	8.43	4.7500	120.65	3.4375	87.31	68985	53884
	R	.3390	8.61	4.7500	120.65	3.4375	87.31	68986	53885
11/32		.3438	8.73	4.7500	120.65	3.4375	87.31	68922	53915
	S	.3480	8.84	4.8750	123.83	3.5000	88.90	68987	53886
	T	.3580	9.09	4.8750	123.83	3.5000	88.90	68988	53887
23/64		.3594	9.13	4.8750	123.83	3.5000	88.90	68923	53916
	U	.3680	9.35	5.0000	127.00	3.6250	92.08	68989	53888
3/8		.3750	9.53	5.0000	127.00	3.6250	92.08	68924	53917
	V	.3770	9.58	5.0000	127.00	3.6250	92.08	68990	53889
	W	.3860	9.80	5.1250	130.18	3.7500	95.25	68991	53890
25/64		.3906	9.92	5.1250	130.18	3.7500	95.25	68925	53918
	X	.3970	10.08	5.1250	130.18	3.7500	95.25	68992	53891
	Y	.4040	10.26	5.2500	133.35	3.8750	98.43	68993	53892
13/32		.4062	10.32	5.2500	133.35	3.8750	98.43	68926	53919
	Z	.4130	10.49	5.2500	133.35	3.8750	98.43	68994	53893
27/64		.4219	10.72	5.3750	136.53	3.9375	100.01	68927	53920
7/16		.4375	11.11	5.5000	139.70	4.0625	103.19	68928	53921
29/64		.4531	11.51	5.6250	142.88	4.1875	106.36	68929	53922
15/32		.4688	11.91	5.7500	146.05	4.3125	109.54	68930	53923
31/64		.4844	12.30	5.8750	149.23	4.3750	111.13	68931	53924
1/2		.5000	12.70	6.0000	152.40	4.5000	114.30	68932	53925

INCH SET

Sets in Metal Index Cases

Number of Tools	Size Range	Style 150DH-TN TiN
29	1/16 - 1/2 X 1/64	57734