

# Jobber Length

## General Purpose Styles 150, 150D, 150T

### Features/Benefits:

- General-purpose geometry for drilling in a wide range of operating conditions and materials.
- Manufactured from premium high-speed steel.
- 118° point.
- The most popular drill for general-purpose applications.
- Metric sizes are manufactured to DIN 338 specifications.
- Bright, black oxide and titanium nitride (TiN) finishes standard from stock; alternate coatings available as stock modifications.

### Application Information:

- carbon steel (TiN, black oxide)
- cast iron (TiN, black oxide)
- non-ferrous materials (bright)

### Surface Treatment Information:

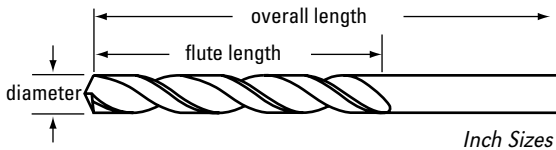
- Black oxide surface finish increases wear resistance and adds lubricity, improving chip flow.
- Titanium nitride (TiN) PVD coating adds lubricity and hardness which enhances chip flow, finish hole quality, and drill life.



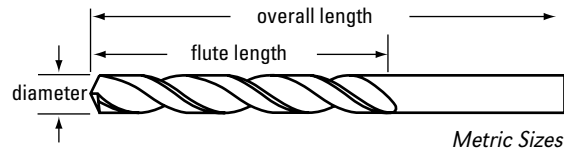
Style 150 Black Oxide

Style 150D Bright Finish

Style 150T TiN-Coated



Inch Sizes



Metric Sizes

### INCH AND METRIC SIZES

Drill Diameter				Overall Length		Flute Length		Style 150	Style 150D	Style 150T	
Fract	Wire/Let	Metric	Decimal	mm	Inch	mm	Inch	mm	Black Oxide	Bright*	TiN*
97		.0059	0.15		.7500	19.05	.0500	1.27	—	44367	—
96		.0063	0.16		.7500	19.05	.0500	1.27	—	44366	—
95		.0067	0.17		.7500	19.05	.0500	1.27	—	44365	—
94		.0071	0.18		.7500	19.05	.0600	1.52	—	44364	—
93		.0075	0.19		.7500	19.05	.0600	1.52	—	44363	—
92		.0079	0.20		.7500	19.05	.0600	1.52	—	44362	—
91		.0083	0.21		.7500	19.05	.0700	1.78	—	44361	—
90		.0087	0.22		.7500	19.05	.0700	1.78	—	44360	—
89		.0091	0.23		.7500	19.05	.0700	1.78	—	44359	—
88		.0095	0.24		.7500	19.05	.0800	2.03	—	44358	—
87		.0100	0.25		.7500	19.05	.0800	2.03	—	44357	—
86		.0105	0.27		.7500	19.05	.0800	2.03	—	44356	—
85		.0110	0.28		.7500	19.05	.0900	2.29	—	44355	—
84		.0115	0.29		.7500	19.05	.0900	2.29	—	44354	—
83		.0120	0.30		.7500	19.05	.1000	2.54	—	44353	—
82		.0125	0.32		.7500	19.05	.1000	2.54	—	44352	—
81		.0130	0.33		.7500	19.05	.1000	2.54	—	44351	—

\*Bright and TiN-coated metric sizes are non-stocked standards (minimum order quantity required).

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# Drills

## Jobber Length

### General Purpose (continued) Styles 150, 150D, 150T

#### INCH AND METRIC SIZES

Fract	Drill Diameter			Overall Length		Flute Length		Style 150	Style 150D	Style 150T	
	Wire/Let	Metric*	Decimal	mm	Inch	mm	Inch	mm	Black Oxide	Bright*	TiN*
	10		.1935	4.91	3.6250	92.08	2.4375	61.91	44080	44280	70110
	9		.1960	4.98	3.6250	92.08	2.4375	61.91	44079	44279	70109
		5.00	.1969		3.3858	86.00	2.0472	52.00	47283	45283	70335
	8		.1990	5.05	3.6250	92.08	2.4375	61.91	44078	44278	70108
		5.10	.2008		3.3858	86.00	2.0472	52.00	47284	45284	—
	7		.2010	5.11	3.6250	92.08	2.4375	61.91	44077	44277	70107
13/64			.2031	5.16	3.6250	92.08	2.4375	61.91	44013	44213	70213
	6		.2040	5.18	3.7500	95.25	2.5000	63.50	44076	44276	70106
		5.20	.2047		3.3858	86.00	2.0472	52.00	47285	45285	—
	5		.2055	5.22	3.7500	95.25	2.5000	63.50	44075	44275	70105
		5.30	.2087		3.3858	86.00	2.0472	52.00	47287	45287	—
	4		.2090	5.31	3.7500	95.25	2.5000	63.50	44074	44274	70104
		5.40	.2126		3.6614	93.00	2.2441	57.00	47288	45288	—
	3		.2130	5.41	3.7500	95.25	2.5000	63.50	44073	44273	70103
		5.50	.2165		3.6614	93.00	2.2441	57.00	47289	45289	70381
7/32			.2188	5.56	3.7500	95.25	2.5000	63.50	44014	44214	70214
		5.60	.2205		3.6614	93.00	2.2441	57.00	47290	45290	—
	2		.2210	5.61	3.8750	98.43	2.6250	66.68	44072	44272	70102
		5.70	.2244		3.6614	93.00	2.2441	57.00	47291	45291	70382
	1		.2280	5.79	3.8750	98.43	2.6250	66.68	44071	44271	70101
		5.80	.2283		3.6614	93.00	2.2441	57.00	47293	45293	—
		5.90	.2323		3.6614	93.00	2.2441	57.00	47294	45294	—
	A		.2340	5.94	3.8750	98.43	2.6250	66.68	44171	44371	70301
15/64			.2344	5.95	3.8750	98.43	2.6250	66.68	44015	44215	70215
		6.00	.2362		3.6614	93.00	2.2441	57.00	47295	45295	70336
	B		.2380	6.05	4.0000	101.60	2.7500	69.85	44172	44372	70302
		6.10	.2402		3.9764	101.00	2.4803	63.00	47296	45296	—
	C		.2420	6.15	4.0000	101.60	2.7500	69.85	44173	44373	70303
		6.20	.2441		3.9764	101.00	2.4803	63.00	47297	45297	—
	D		.2460	6.25	4.0000	101.60	2.7500	69.85	44174	44374	70304
		6.30	.2480		3.9764	101.00	2.4803	63.00	47299	45299	—
1/4	E		.2500	6.35	4.0000	101.60	2.7500	69.85	44016	44216	70216
		6.40	.2520		3.9764	101.00	2.4803	63.00	47300	45300	70383
		6.50	.2559		3.9764	101.00	2.4803	63.00	47301	45301	70384
	F		.2570	6.53	4.1250	104.78	2.8750	73.03	44176	44376	70306
		6.60	.2598		3.9764	101.00	2.4803	63.00	47302	45302	—
	G		.2610	6.63	4.1250	104.78	2.8750	73.03	44177	44377	70307
		6.70	.2638		3.9764	101.00	2.4803	63.00	47303	45303	70385
17/64			.2656	6.75	4.1250	104.78	2.8750	73.03	44017	44217	70217
	H		.2660	6.76	4.1250	104.78	2.8750	73.03	44178	44378	70308
		6.80	.2677		4.2913	109.00	2.7165	69.00	47305	45305	70386
		6.90	.2717		4.2913	109.00	2.7165	69.00	47306	45306	—
	I		.2720	6.91	4.1250	104.78	2.8750	73.03	44179	44379	70309
		7.00	.2756		4.2913	109.00	2.7165	69.00	47307	45307	70337
	J		.2770	7.04	4.1250	104.78	2.8750	73.03	44180	44380	70310
		7.10	.2795		4.2913	109.00	2.7165	69.00	47308	45308	—
	K		.2810	7.14	4.2500	107.95	2.9375	74.61	44181	44381	70311
9/32			.2812	7.14	4.2500	107.95	2.9375	74.61	44018	44218	70218
		7.20	.2835		4.2913	109.00	2.7165	69.00	47309	45309	70387
		7.30	.2874		4.2913	109.00	2.7165	69.00	47311	45311	—

\*Bright and TiN-coated metric sizes are non-stocked standards (minimum order quantity required).

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