

Drills

Jobber Length

DRILLS

REAMERS

OTHER TOOLS

SETS

INDEX

General Purpose Styles 150, 150D, 150-TN (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:

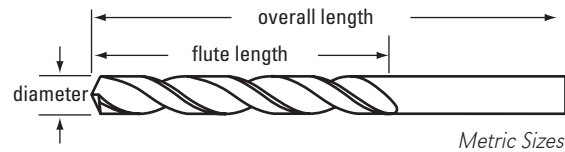
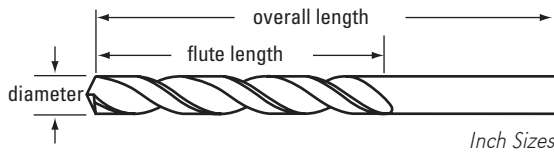
- Black oxide surface finish increases wear resistance and adds lubricity, improving chip flow.
- Titanium nitride (TiN) PVD coating adds lubricity and hardness which enhances chip flow, finish hole quality, and drill life.



Style 150 Black Oxide

Style 150D Bright Finish

Style 150-TN TiN-Coated



INCH AND METRIC SIZES

Drill Diameter					Overall Length		Flute Length		Style 150	Style 150D	Style 150-TN
Fract	Wire/Let	Metric	Decimal	mm	Inch	mm	Inch	mm	Black Oxide	Bright*	TiN
	80		.0135	0.34	.7500	19.05	.1250	3.18	44150	44350	70180
		0.35	.0138		.7480	19.00	.1575	4.00	—	47210	—
1/64	79		.0145	0.37	.7500	19.05	.1250	3.18	44149	44349	70179
		0.40	.0156	0.40	.7500	19.05	.1875	4.76	44001	44201	70201
	78		.0157		.7874	20.00	.1969	5.00	—	47211	—
		0.45	.0160	0.41	.8750	22.23	.1875	4.76	44148	44348	70178
	77		.0177		.7874	20.00	.1969	5.00	—	47212	—
		0.50	.0180	0.46	.8750	22.23	.1875	4.76	44147	44347	70177
	76		.0197		.8661	22.00	.2362	6.00	—	47213	—
		0.55	.0200	0.51	.8750	22.23	.1875	4.76	44146	44346	70176
	75		.0210	0.53	1.0000	25.40	.2500	6.35	44145	44345	70175
		0.60	.0217		.9449	24.00	.2756	7.00	—	47214	—
	74		.0225	0.57	1.0000	25.40	.2500	6.35	44144	44344	70174
		0.65	.0236		.9449	24.00	.2756	7.00	—	47215	—
	73		.0240	0.61	1.1250	28.58	.3125	7.94	44143	44343	70173
	72		.0250	0.64	1.1250	28.58	.3125	7.94	44142	44342	70172
		0.65	.0256		1.0236	26.00	.3150	8.00	—	47216	—

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

continued on next page



**General Purpose (continued)
Styles 150, 150D, 150-TN (150T)**

INCH AND METRIC SIZES

Fract	Drill Diameter			Overall Length		Flute Length		Style 150 Black Oxide	Style 150D Bright*	Style 150-TN TiN	
	Wire/Let	Metric	Decimal	mm	Inch	mm	Inch				mm
	27		.1440	3.66	3.0000	76.20	1.8750	47.63	44097	44297	70127
		3.70	.1457		2.7559	70.00	1.5354	39.00	47267	45267	70377
	26		.1470	3.73	3.0000	76.20	1.8750	47.63	44096	44296	70126
	25		.1495	3.80	3.0000	76.20	1.8750	47.63	44095	44295	70125
		3.80	.1496		2.9528	75.00	1.6929	43.00	47269	45269	—
	24		.1520	3.86	3.1250	79.38	2.0000	50.80	44094	44294	70124
		3.90	.1535		2.9528	75.00	1.6929	43.00	47270	45270	—
	23		.1540	3.91	3.1250	79.38	2.0000	50.80	44093	44293	70123
5/32			.1562	3.97	3.1250	79.38	2.0000	50.80	44010	44210	70210
	22		.1570	3.99	3.1250	79.38	2.0000	50.80	44092	44292	70122
		4.00	.1575		2.9528	75.00	1.6929	43.00	47271	45271	70334
	21		.1590	4.04	3.2500	82.55	2.1250	53.98	44091	44291	70121
	20		.1610	4.09	3.2500	82.55	2.1250	53.98	44090	44290	70120
		4.10	.1614		2.9528	75.00	1.6929	43.00	47272	45272	—
		4.20	.1654		2.9528	75.00	1.6929	43.00	47273	45273	70378
	19		.1660	4.22	3.2500	82.55	2.1250	53.98	44089	44289	70119
		4.30	.1693		3.1496	80.00	1.8504	47.00	47275	45275	—
	18		.1695	4.31	3.2500	82.55	2.1250	53.98	44088	44288	70118
11/64			.1719	4.37	3.2500	82.55	2.1250	53.98	44011	44211	70211
	17		.1730	4.39	3.3750	85.73	2.1875	55.56	44087	44287	70117
		4.40	.1732		3.1496	80.00	1.8504	47.00	47276	45276	—
	16		.1770	4.50	3.3750	85.73	2.1875	55.56	44086	44286	70116
		4.50	.1772		3.1496	80.00	1.8504	47.00	47277	45277	70379
	15		.1800	4.57	3.3750	85.73	2.1875	55.56	44085	44285	70115
		4.60	.1811		3.1496	80.00	1.8504	47.00	47278	45278	—
	14		.1820	4.62	3.3750	85.73	2.1875	55.56	44084	44284	70114
	13		.1850	4.70	3.5000	88.90	2.3125	58.74	44083	44283	70113
		4.70	.1850		3.1496	80.00	1.8504	47.00	47279	45279	—
3/16			.1875	4.76	3.5000	88.90	2.3125	58.74	44012	44212	70212
	12		.1890	4.80	3.5000	88.90	2.3125	58.74	44082	44282	70112
		4.80	.1890		3.3858	86.00	2.0472	52.00	47281	45281	—
	11		.1910	4.85	3.5000	88.90	2.3125	58.74	44081	44281	70111
		4.90	.1929		3.3858	86.00	2.0472	52.00	47282	45282	70380
	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	—

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(minimum order quantity required).

continued on next page