

Drills

Jobber Length

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

Features/Benefits:

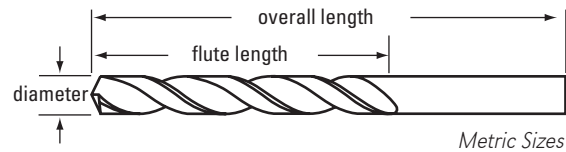
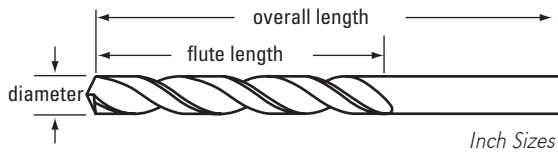
- General-purpose geometry for drilling in a wide range of operating conditions and materials.
- Manufactured from premium high-speed steel.
- 118° point.
- The most popular drill for general-purpose applications.
- Metric sizes are manufactured to DIN 338 specifications.
- Bright, black oxide and titanium 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.



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
		0.70	.0250	0.64	1.1250	28.58	.3125	7.94	44142	44342	70172
	0.75	.0256		1.0236	26.00	.3150	8.00	—	47216	—	

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

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Jobber Length

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
71			.0260	0.66	1.2500	31.75	.3750	9.53	44141	44341	70171
		0.70	.0276		1.1024	28.00	.3543	9.00	—	47217	—
70			.0280	0.71	1.2500	31.75	.3750	9.53	44140	44340	70170
69			.0292	0.74	1.3750	34.93	.5000	12.70	44139	44339	70169
		0.75	.0295		1.1024	28.00	.3543	9.00	—	47218	—
68			.0310	0.79	1.3750	34.93	.5000	12.70	44138	44338	70168
1/32			.0312	0.79	1.3750	34.93	.5000	12.70	44002	44202	70202
		0.80	.0315		1.1811	30.00	.3937	10.00	—	47219	—
67			.0320	0.81	1.3750	34.93	.5000	12.70	44137	44337	70167
66			.0330	0.84	1.3750	34.93	.5000	12.70	44136	44336	70166
		0.85	.0335		1.1811	30.00	.3937	10.00	—	47220	—
65			.0350	0.89	1.5000	38.10	.6250	15.88	44135	44335	70165
		0.90	.0354		1.2598	32.00	.4331	11.00	—	47221	—
64			.0360	0.91	1.5000	38.10	.6250	15.88	44134	44334	70164
63			.0370	0.94	1.5000	38.10	.6250	15.88	44133	44333	70163
		0.95	.0374		1.2598	32.00	.4331	11.00	—	47222	—
62			.0380	0.97	1.5000	38.10	.6250	15.88	44132	44332	70162
61			.0390	0.99	1.6250	41.28	.6875	17.46	44131	44331	70161
		1.00	.0394		1.3386	34.00	.4724	12.00	47223	45223	70331
60			.0400	1.02	1.6250	41.28	.6875	17.46	44130	44330	70160
59			.0410	1.04	1.6250	41.28	.6875	17.46	44129	44329	70159
		1.05	.0413		1.3386	34.00	.4724	12.00	47224	45224	—
58			.0420	1.07	1.6250	41.28	.6875	17.46	44128	44328	70158
		1.10	.0433		1.7500	44.45	.7500	19.05	44127	44327	70157
57			.0430	1.09	1.7500	44.45	.7500	19.05	44127	44327	70157
		1.15	.0453		1.4173	36.00	.5512	14.00	47225	45225	—
56			.0465	1.18	1.7500	44.45	.7500	19.05	44126	44326	70156
	3/64		.0469	1.19	1.7500	44.45	.7500	19.05	44003	44203	70203
55			.0472		1.4961	38.00	.6299	16.00	47227	45227	—
			.0492		1.4961	38.00	.6299	16.00	47228	45228	70344
			.0512		1.4961	38.00	.6299	16.00	47229	45229	70345
54			.0520	1.32	1.8750	47.63	.8750	22.23	44125	44325	70155
		1.35	.0531		1.5748	40.00	.7087	18.00	47230	45230	—
53			.0550	1.40	1.8750	47.63	.8750	22.23	44124	44324	70154
			.0551		1.5748	40.00	.7087	18.00	47231	45231	—
			.0571		1.5748	40.00	.7087	18.00	47232	45232	70346
52			.0591		1.5748	40.00	.7087	18.00	47233	45233	70347
			.0595	1.51	1.8750	47.63	.8750	22.23	44123	44323	70153
1/16			.0610		1.6929	43.00	.7874	20.00	47234	45234	70348
			.0625	1.59	1.8750	47.63	.8750	22.23	44004	44204	70204
51			.0630		1.6929	43.00	.7874	20.00	47235	45235	—
			.0635	1.61	1.8750	47.63	.8750	22.23	44122	44322	70152
50			.0650		1.6929	43.00	.7874	20.00	47236	45236	70349
			.0669		1.6929	43.00	.7874	20.00	47237	45237	—
49			.0670	1.70	2.0000	50.80	1.0000	25.40	44121	44321	70151
			.0689		1.8110	46.00	.8661	22.00	47238	45238	70364
50			.0700	1.78	2.0000	50.80	1.0000	25.40	44120	44320	70150
			.0709		1.8110	46.00	.8661	22.00	47239	45239	—
49			.0728		1.8110	46.00	.8661	22.00	47240	45240	—
			.0730	1.85	2.0000	50.80	1.0000	25.40	44119	44319	70149

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

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