

Drills

Jobber Length

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

Features/Benefits:

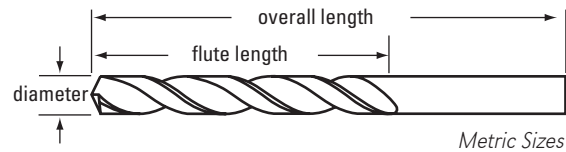
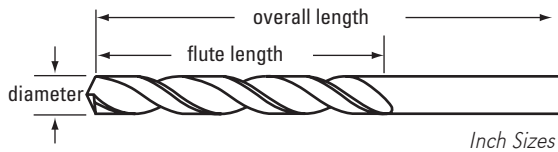
- General-purpose geometry for drilling in a wide range of operating conditions and materials.
- Manufactured from premium high-speed steel.
- 118° point.
- The most popular drill for general-purpose applications.
- Metric sizes are manufactured to DIN 338 specifications.
- Bright, black oxide and titanium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

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Drills

Jobber Length

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

INCH AND METRIC SIZES

Fract	Drill Diameter			Overall Length		Flute Length		Style 150	Style 150D	Style 150-TN	
	Wire/Let	Metric	Decimal	mm	Inch	mm	Inch	mm	Black Oxide	Bright*	TiN
33/64		13.00	.5118		5.9449	151.00	3.9764	101.00	47349	45349	70343
			.5156	13.10	6.6250	168.28	4.8125	122.24	44033	44233	70233
17/32		13.20	.5197		5.9449	151.00	3.9764	101.00	47361	45361	—
			.5312	13.49	6.6250	168.28	4.8125	122.24	44034	44234	70234
35/64			.5315		6.2992	160.00	4.2520	108.00	47363	45363	—
			.5433		6.2992	160.00	4.2520	108.00	47364	45364	—
			.5469	13.89	6.6250	168.28	4.8125	122.24	44035	44235	70235
9/16		14.00	.5512		6.2992	160.00	4.2520	108.00	47362	45362	—
			.5610		6.2992	160.00	4.2520	108.00	47365	45365	—
37/64			.5625	14.29	6.6250	168.28	4.8125	122.24	44036	44236	70236
			.5709		6.6535	169.00	4.4882	114.00	47366	45366	—
19/32			.5781	14.68	6.6250	168.28	4.8125	122.24	44037	44237	70237
			.5807		6.6535	169.00	4.4882	114.00	47367	45367	—
39/64		14.75	.5906		6.6535	169.00	4.4882	114.00	47369	45369	—
			.5938	15.08	7.1250	180.98	5.1875	131.76	44038	44238	70238
5/8		15.25	.6004		6.6535	169.00	4.4882	114.00	47370	45370	—
			.6094	15.48	7.1250	180.98	5.1875	131.76	44039	44239	70239
41/64		15.50	.6102		7.0079	178.00	4.7244	120.00	47368	45368	—
			.6201		7.0079	178.00	4.7244	120.00	47371	45371	—
			.6250	15.88	7.1250	180.98	5.1875	131.76	44040	44240	70240
21/32			.6299		7.0079	178.00	4.7244	120.00	47372	45372	—
			.6398		7.0079	178.00	4.7244	120.00	47373	45373	—
			.6406	16.27	7.1250	180.98	5.1875	131.76	44041	44241	70241
43/64		16.50	.6496		7.2441	184.00	4.9213	125.00	47374	45374	—
			.6562	16.67	7.1250	180.98	5.1875	131.76	44042	44242	70242
11/16			.6594		7.2441	184.00	4.9213	125.00	47376	45376	—
			.6693		7.2441	184.00	4.9213	125.00	47377	45377	—
7/8		17.00	.6719	17.07	7.1250	180.98	5.1875	131.76	44043	44243	70243
			.6791		7.2441	184.00	4.9213	125.00	47378	45378	—
1 1/8		17.25	.6875	17.46	7.6250	180.98	5.6250	131.76	44044	44244	70244
			.6890		7.5197	191.00	5.1181	130.00	47375	45375	—

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(minimum order quantity required).

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