

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:

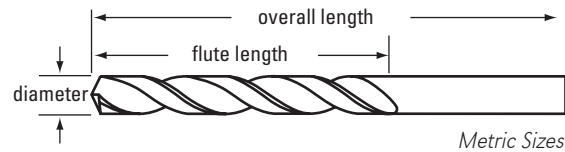
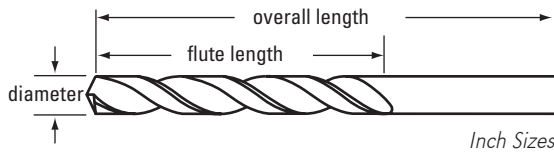
- Black oxide surface finish increases wear resistance and adds lubricity, improving chip flow.
- Titanium nitride (TiN) PVD coating adds lubricity and hardness which enhances chip flow, finish hole quality, and drill life.



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).

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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
48		1.90	.0748		1.8110	46.00	.8661	22.00	47241	45241	—
			.0760	1.93	2.0000	50.80	1.0000	25.40	44118	44318	70148
5/64		1.95	.0768		1.9291	49.00	.9449	24.00	47242	45242	—
			.0781	1.98	2.0000	50.80	1.0000	25.40	44005	44205	70205
47			.0785	1.99	2.0000	50.80	1.0000	25.40	44117	44317	70147
		2.00	.0787		1.9291	49.00	.9449	24.00	47243	45243	70332
46		2.05	.0807		1.9291	49.00	.9449	24.00	47244	45244	70365
			.0810	2.06	2.1250	53.98	1.1250	28.58	44116	44316	70146
45			.0820	2.08	2.1250	53.98	1.1250	28.58	44115	44315	70145
		2.10	.0827		1.9291	49.00	.9449	24.00	47245	45245	70366
44		2.15	.0846		2.0866	53.00	1.0630	27.00	47246	45246	—
			.0860	2.18	2.1250	53.98	1.1250	28.58	44114	44314	70144
43		2.20	.0866		2.0866	53.00	1.0630	27.00	47247	45247	70367
		2.25	.0886		2.0866	53.00	1.0630	27.00	47248	45248	—
3/32		2.30	.0890	2.26	2.2500	57.15	1.2500	31.75	44113	44313	70143
		2.35	.0906		2.0866	53.00	1.0630	27.00	47249	45249	70368
42			.0925		2.0866	53.00	1.0630	27.00	47250	45250	—
			.0935	2.37	2.2500	57.15	1.2500	31.75	44112	44312	70142
41		2.40	.0938	2.38	2.2500	57.15	1.2500	31.75	44006	44206	70206
			.0945		2.2441	57.00	1.1811	30.00	47251	45251	—
40			.0960	2.44	2.3750	60.33	1.3750	34.93	44111	44311	70141
		2.45	.0965		2.2441	57.00	1.1811	30.00	47252	45252	—
39			.0980	2.49	2.3750	60.33	1.3750	34.93	44110	44310	70140
		2.50	.0984		2.2441	57.00	1.1811	30.00	47253	45253	70369
38			.0995	2.53	2.3750	60.33	1.3750	34.93	44109	44309	70139
		2.60	.1015	2.58	2.5000	63.50	1.4375	36.51	44108	44308	70138
37			.1024		2.2441	57.00	1.1811	30.00	47254	45254	—
			.1040	2.64	2.5000	63.50	1.4375	36.51	44107	44307	70137
7/64		2.70	.1063		2.4016	61.00	1.2992	33.00	47255	45255	—
			.1065	2.71	2.5000	63.50	1.4375	36.51	44106	44306	70136
36		2.80	.1094	2.78	2.6250	66.68	1.5000	38.10	44007	44207	70207
			.1100	2.79	2.6250	66.68	1.5000	38.10	44105	44305	70135
35			.1102		2.4016	61.00	1.2992	33.00	47257	45257	70370
			.1110	2.82	2.6250	66.68	1.5000	38.10	44104	44304	70134
34		2.90	.1130	2.87	2.6250	66.68	1.5000	38.10	44103	44303	70133
			.1142		2.4016	61.00	1.2992	33.00	47258	45258	70371
33		3.00	.1160	2.95	2.7500	69.85	1.6250	41.28	44102	44302	70132
			.1181		2.4016	61.00	1.2992	33.00	47259	45259	70333
32			.1200	3.05	2.7500	69.85	1.6250	41.28	44101	44301	70131
		3.10	.1220		2.5591	65.00	1.4173	36.00	47260	45260	70372
1/8			.1250	3.18	2.7500	69.85	1.6250	41.28	44008	44208	70208
		3.20	.1260		2.5591	65.00	1.4173	36.00	47261	45261	70373
31			.1285	3.26	2.7500	69.85	1.6250	41.28	44100	44300	70130
		3.30	.1299		2.5591	65.00	1.4173	36.00	47263	45263	70374
30			.1339		2.7559	70.00	1.5354	39.00	47264	45264	70375
		2.9	.1360	3.45	2.8750	73.03	1.7500	44.45	44099	44299	70129
29			.1378		2.7559	70.00	1.5354	39.00	47265	45265	70376
		3.50	.1405	3.57	2.8750	73.03	1.7500	44.45	44098	44298	70128
9/64			.1406	3.57	2.8750	73.03	1.7500	44.45	44009	44209	70209
		3.60	.1417		2.7559	70.00	1.5354	39.00	47266	45266	—

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(minimum order quantity required).

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