

Screw Machine Length

General Purpose Styles 157, 157-TN (2157)

Features/Benefits:

- General-purpose geometry for drilling in a wide range of operating conditions and materials.
- Manufactured from premium high-speed steel.
- 118° point.
- Shorter flute and overall length provide superior rigidity to minimize deflection when using heavy feed rates.
- Extra rigidity is ideal for portable drilling.
- Bright finish standard from stock up to .5000"; black oxide standard from stock over .5000"; titanium-nitride (TiN) coated available from stock in selected sizes.

Application Information:

- carbon steel (bright, black oxide)
- alloy steel (bright, black oxide)
- cast iron (bright, 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.



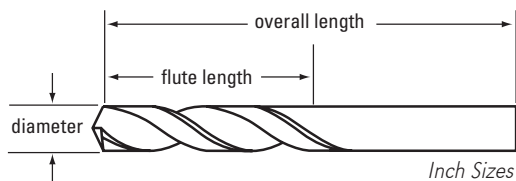
Style 157 Bright Finish



Style 157 Black Oxide



Style 157-TN TiN-Coated



INCH SIZES

Fract	Drill Diameter		Overall Length		Flute Length		Style 157 Bright	Style 157-TN TiN	
	Wire/Let	Decimal	mm	Inch	mm	Inch			mm
	60	.0400	1.02	1.3750	34.93	.5000	12.70	48760	—
	59	.0410	1.04	1.3750	34.93	.5000	12.70	48759	—
	58	.0420	1.07	1.3750	34.93	.5000	12.70	48758	—
	57	.0430	1.09	1.3750	34.93	.5000	12.70	48757	—
	56	.0465	1.18	1.3750	34.93	.5000	12.70	48756	—
3/64		.0469	1.19	1.3750	34.93	.5000	12.70	48503	—
	55	.0520	1.32	1.6250	41.28	.6250	15.88	48755	—
	54	.0550	1.40	1.6250	41.28	.6250	15.88	48754	—
	53	.0595	1.51	1.6250	41.28	.6250	15.88	48753	—
1/16		.0625	1.59	1.6250	41.28	.6250	15.88	48504	55096
	52	.0635	1.61	1.6875	42.86	.6875	17.46	48752	—
	51	.0670	1.70	1.6875	42.86	.6875	17.46	48751	—
	50	.0700	1.78	1.6875	42.86	.6875	17.46	48750	—
	49	.0730	1.85	1.6875	42.86	.6875	17.46	48749	—
	48	.0760	1.93	1.6875	42.86	.6875	17.46	48748	—
5/64		.0781	1.98	1.6875	42.86	.6875	17.46	48505	55087
	47	.0785	1.99	1.7500	44.45	.7500	19.05	48747	—
	46	.0810	2.06	1.7500	44.45	.7500	19.05	48746	—
	45	.0820	2.08	1.7500	44.45	.7500	19.05	48745	—
	44	.0860	2.18	1.7500	44.45	.7500	19.05	48744	—
	43	.0890	2.26	1.7500	44.45	.7500	19.05	48743	—
	42	.0935	2.37	1.7500	44.45	.7500	19.05	48742	—
3/32		.0938	2.38	1.7500	44.45	.7500	19.05	48506	55098
	41	.0960	2.44	1.8125	46.04	.8125	20.64	48741	—

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Screw Machine Length

General Purpose (continued) Styles 157, 157-TN (2157)

DRILLS

REAMERS

OTHER TOOLS

SETS

INDEX

INCH SIZES

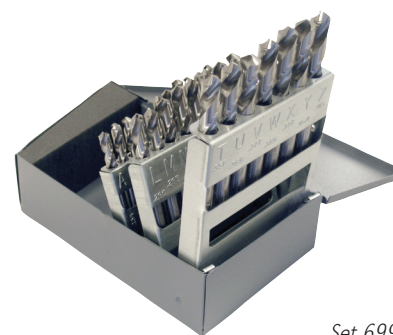
Fract	Drill Diameter		Overall Length		Flute Length		Style 157 Black Oxide
	Decimal	mm	Inch	mm	Inch	mm	
33/64	.5156	13.10	3.8750	98.43	2.3750	60.33	48533
17/32	.5312	13.49	3.8750	98.43	2.3750	60.33	48534
35/64	.5469	13.89	4.0000	101.60	2.5000	63.50	48535
9/16	.5625	14.29	4.0000	101.60	2.5000	63.50	48536
37/64	.5781	14.68	4.1250	104.78	2.6250	66.68	48537
19/32	.5938	15.08	4.1250	104.78	2.6250	66.68	48538
39/64	.6094	15.48	4.2500	107.95	2.7500	69.85	48539
5/8	.6250	15.88	4.2500	107.95	2.7500	69.85	48540
41/64	.6406	16.27	4.5000	114.30	2.8750	73.03	48541
21/32	.6562	16.67	4.5000	114.30	2.8750	73.03	48542
43/64	.6719	17.07	4.6250	117.48	2.8750	73.03	48543
11/16	.6875	17.46	4.6250	117.48	2.8750	73.03	48544
45/64	.7031	17.86	4.7500	120.65	3.0000	76.20	48545
23/32	.7188	18.26	4.7500	120.65	3.0000	76.20	48546
47/64	.7344	18.65	5.0000	127.00	3.1250	79.38	48547
3/4	.7500	19.05	5.0000	127.00	3.1250	79.38	48548
49/64	.7656	19.45	5.1250	130.18	3.2500	82.55	48549
25/32	.7812	19.84	5.1250	130.18	3.2500	82.55	48550
51/64	.7969	20.24	5.2500	133.35	3.3750	85.73	48551
13/16	.8125	20.64	5.2500	133.35	3.3750	85.73	48552
53/64	.8281	21.03	5.3750	136.53	3.5000	88.90	48553
27/32	.8438	21.43	5.3750	136.53	3.5000	88.90	48554
55/64	.8594	21.83	5.5000	139.70	3.5000	88.90	48555
7/8	.8750	22.23	5.5000	139.70	3.5000	88.90	48556
57/64	.8906	22.62	5.6250	142.88	3.6250	92.08	48557
29/32	.9062	23.02	5.6250	142.88	3.6250	92.08	48558
59/64	.9219	23.42	5.7500	146.05	3.7500	95.25	48559
15/16	.9375	23.81	5.7500	146.05	3.7500	95.25	48560
61/64	.9531	24.21	5.8750	149.23	3.8750	98.43	48561
31/32	.9688	24.61	5.8750	149.23	3.8750	98.43	48562
63/64	.9844	25.00	6.0000	152.40	4.0000	101.60	48563
1	1.0000	25.40	6.0000	152.40	4.0000	101.60	48564
1-1/16*	1.0625	26.99	6.2500	158.75	4.0000	101.60	48568
1-1/8*	1.1250	28.58	6.3750	161.93	4.0000	101.60	48572
1-3/16*	1.1875	30.16	6.6250	168.28	4.2500	107.95	48576
1-1/4*	1.2500	31.75	6.7500	171.45	4.3750	111.13	48580

*Shank diameter for these sizes is 1.0000" (25.4mm).

INCH SETS

Sets in Metal Index Cases

Number of Tools	Size Range	Style 157 Bright
29	1/16 - 1/2 X 1/64	69900
26	Letters A - Z	69901
60	#1 - #60 wire gauge	69902



Set 69901