

Style: **2510**

General Purpose

**Note**  
Operating parameters: See Technical section

ASME  
B94.11M

DIN  
340

HSS

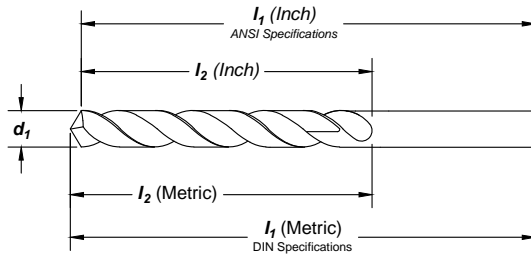
118°

Helix  
Regular  
21° to 34°

Straight  
Shank

Surface  
Treatment

Black  
Oxide



**Feature:**

General purpose with longer length for added reach.

drill diameter			overall length		flute length		order number
fraction	d <sub>1</sub> wire	decimal	I <sub>1</sub>		I <sub>2</sub>		2510 black oxide
	mm	equiv.	in	mm	in	mm	
	1.0	.0394		56.00		33.00	C08592
	60	.0400	2.250		1.125		C08593
	59	.0410	2.250		1.125		C08594
	58	.0420	2.250		1.125		C08596
	57	.0430	2.250		1.125		C08597
	56	.0465	2.250		1.125		C08600
3/64		.0469	2.250		1.125		C08601
	1.25	.0492		65.00		41.00	C08603
	55	.0520	3.000		1.750		C08605
	54	.0550	3.000		1.750		C08607
	53	.0595	3.000		1.750		C08611
	1.55	.0610		70.00		45.00	C08612
1/16		.0625	3.000		1.750		C08613
	52	.0635	3.750		2.000		C08615
	51	.0670	3.750		2.000		C08618
	50	.0700	3.750		2.000		C08620
	49	.0730	3.750		2.000		C08623
	48	.0760	3.750		2.000		C08625
5/64		.0781	3.750		2.000		C08627
	47	.0785	4.250		2.250		C08628
	2.0	.0787		85.00		56.00	C08629
	46	.0810	4.250		2.250		C08631
	45	.0820	4.250		2.250		C08632
	44	.0860	4.250		2.250		C08635
	43	.0890	4.250		2.250		C08638
	2.35	.0925		90.00		59.00	C08640
	42	.0935	4.250		2.250		C08641
3/32		.0938	4.250		2.250		C08642
	2.4	.0945		95.00		62.00	C08643
	41	.0960	4.625		2.500		C08644
	40	.0980	4.625		2.500		C08646
	39	.0995	4.625		2.500		C08648
	38	.1015	4.625		2.500		C08649

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Material Reference	Steel (HRC)				Stainless Steel			Cast Iron (HRC)		Aluminum and Non-Ferrous	Hi-Temp Alloy		Hardened Steel (HRC)
	Low Carbon		Alloy		Austenitic	Martensitic	PH	Gray	Nodular		Ni, Co, Fe Based Super Alloy	Titanium	
	Hardness	13-38	>38	16-38	> 38	300 Series	400 series		18-22	22-32			>45
	Bright	☆		☆					☆	☆			

☆ = Best Performance    ◆ = Acceptable

## General Purpose

## Style: 2510 (continued)

Taper Length

High Speed Steel

fraction	drill diameter		decimal equiv.	overall length		flute length		order number	
	d <sub>1</sub> wire	mm		l <sub>1</sub>	mm	l <sub>2</sub>	mm	2510 black oxide	
7/64	37		.1040	4.625		2.500		C08651	
	36		.1065	4.625		2.500		C08653	
			.1094	4.625		2.500		C08655	
	35		.1100	5.125		2.750		C08656	
		2.8		.1102		100.00		66.00	C08578
				.1110	5.125		2.750		C08658
1/8	33		.1130	5.125		2.750		C08659	
	32		.1160	5.125		2.750		C08661	
		3.0		.1181		100.00		66.00	C08662
	31		.1200	5.125		2.750		C08663	
			.1250	5.125		2.750		C08665	
		3.2		.1260		106.00		69.00	C08666
9/64	30		.1285	5.375		3.000		C08668	
		3.3		.1299		106.00		69.00	C08669
	29		.1360	5.375		3.000		C08671	
		3.5		.1378		112.00		73.00	C08582
	28		.1405	5.375		3.000		C08673	
			.1406	5.375		3.000		C08674	
5/32	27		.1440	5.375		3.000		C08676	
	26		.1470	5.375		3.000		C08678	
	25		.1495	5.375		3.000		C08680	
	24		.1520	5.375		3.000		C08682	
	23		.1540	5.375		3.000		C08684	
			.1562	5.375		3.000		C08685	
3/16	22		.1570	5.750		3.375		C08686	
		4.0		.1575		119.00		78.00	C08687
	21		.1590	5.750		3.375		C08688	
	20		.1610	5.750		3.375		C08689	
		4.2		.1654		119.00		78.00	C08587
	19		.1660	5.750		3.375		C08692	
11/64	18		.1695	5.750		3.375		C08695	
			.1719	5.750		3.375		C08696	
	17		.1730	5.750		3.375		C08697	
	16		.1770	5.750		3.375		C08699	
	15		.1800	5.750		3.375		C08701	
	14		.1820	5.750		3.375		C08703	
7/32	13		.1850	5.750		3.375		C08704	
			.1875	5.750		3.375		C08707	
	12		.1890	6.000		3.625		C08708	
	11		.1910	6.000		3.625		C08710	
	10		.1935	6.000		3.625		C08712	
	9		.1960	6.000		3.625		C08713	
13/64		5.0		.1969		132.00		87.00	C08714
	8		.1990	6.000		3.625		C08715	
	7		.2010	6.000		3.625		C08717	
			.2031	6.000		3.625		C08718	
	6		.2040	6.000		3.625		C08719	
	5		.2055	6.000		3.625		C08721	
15/64	4		.2090	6.000		3.625		C08724	
	3		.2130	6.000		3.625		C08726	
			.2188	6.000		3.625		C08728	
	2		.2210	6.125		3.750		C08730	
	1		.2280	6.125		3.750		C08733	
		5.8		.2283		139.00		91.00	C08608
	5.9		.2323		139.00		91.00	C08735	
15/64			.2344	6.125		3.750		C08737	

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**Style: 2510 (continued)**
**General Purpose**

drill diameter		overall length		flute length		order number		
fraction	d <sub>1</sub> wire	mm	decimal equiv.	in	mm	in	mm	2510 black oxide
		6.0	.2362		139.00		91.00	C08738
	D		.2460	6.125		3.750		C08743
		6.3	.2480		148.00		97.00	C08745
1/4	E		.2500	6.125		3.750		C08746
		6.5	.2559		148.00		97.00	C08749
	F		.2570	6.250		3.875		C08750
17/64			.2656	6.250		3.875		C08752
		6.8	.2677		156.00		102.00	C08755
	I		.2720	6.250		3.875		C08757
		7.0	.2756		156.00		102.00	C08758
	J		.2770	6.250		3.875		C08759
9/32			.2812	6.250		3.875		C08766
		7.5	.2953		156.00		102.00	C08609
19/64			.2969	6.375		4.000		C08770
	N		.3020	6.375		4.000		C08772
5/16			.3125	6.375		4.000		C08777
		8.0	.3150		165.00		109.00	C08778
	O		.3160	6.500		4.125		C08779
	P		.3230	6.500		4.125		C08782
21/64			.3281	6.500		4.125		C08785
	Q		.3320	6.500		4.125		C08787
		8.5	.3346		165.00		109.00	C08788
	R		.3390	6.500		4.125		C08790
11/32			.3438	6.500		4.125		C08792
		9.0	.3543		175.00		115.00	C08797
23/64			.3594	6.750		4.250		C08800
3/8			.3750	6.750		4.250		C08807
	V		.3770	7.000		4.375		C08808
25/64			.3906	7.000		4.375		C08815
		10.0	.3937		184.00		121.00	C08816
		10.2	.4016		184.00		121.00	C08818
13/32			.4062	7.000		4.375		C08821
		10.5	.4134		184.00		121.00	C08823
27/64			.4219	7.250		4.625		C08824
		11.0	.4331		195.00		128.00	C08826
7/16			.4375	7.250		4.625		C08827
		11.2	.4409		195.00		128.00	C08828
29/64			.4531	7.500		4.750		C08830
15/32			.4688	7.500	190.50	4.750	120.65	C08832
		12.0	.4724		205.00		134.00	C08833
31/64			.4844	7.750		4.750		C08835
		12.5	.4921		205.00		134.00	C08610
1/2			.5000	7.750		4.750		C08837
		13.0	.5118		205.00		134.00	C08839
33/64			.5156	8.000		4.750		C08840
17/32			.5312	8.000		4.750		C08842
35/64			.5469	8.250		4.875		C08845

**Taper Length**
**High Speed Steel**
*continued on next page*

Material Reference	Steel (HRC)				Stainless Steel			Cast Iron (HRC)		Aluminum and Non-Ferrous	Hi-Temp Alloy		Hardened Steel (HRC)
	Low Carbon		Alloy		Austenitic	Martensitic	PH	Gray	Nodular		Ni, Co, Fe Based Super Alloy	Titanium	
	Hardness	13-38	>38	16-38	> 38	300 Series	400 series		18-22	22-32			>45
Bright	☆		☆					☆	☆				

☆ = Best Performance      ◆ = Acceptable

## General Purpose

## Style: 2510 (continued)

Taper Length

High Speed Steel

drill diameter		overall length				flute length		order number
fraction	d <sub>1</sub>	mm	decimal equiv.	l <sub>1</sub>		l <sub>2</sub>		2510 black oxide
	wire			in	mm	in	mm	
		14.0	.5512		214.00		140.00	C08846
9/16			.5625	8.250		4.875		C08848
37/64			.5781	8.750		4.875		C08850
		15.0	.5906		220.00		144.00	C08852
19/32			.5938	8.750		4.875		C08853
39/64			.6094	8.750		4.875		C08855
5/8			.6250	8.750		4.875		C08858
		16.0	.6299		227.00		149.00	C08859
41/64			.6406	9.000		5.125		C08861
21/32			.6562	9.000		5.125		C08863
		17.0	.6693		235.00		149.00	C08865
43/64			.6719	9.250		5.375		C08866
11/16			.6875	9.250		5.375		C08868
45/64			.7031	9.500		5.625		C08870
		18.0	.7087		241.00		143.00	C08871
23/32			.7188	9.500		5.625		C08872
47/64			.7344	9.750		5.875		C08874
3/4			.7500	9.750		5.875		C08876
49/64			.7656	9.875		6.000		C08877
25/32			.7812	9.875		6.000		C08879
		20.0	.7874		254.00		156.00	C08880
51/64			.7969	10.000		6.125		C08881
13/16			.8125	10.000		6.125		C08883
53/64			.8281	10.000		6.125		C08885
27/32			.8438	10.000		6.125		C08886
55/64			.8594	10.000		6.125		C08888
7/8			.8750	10.000		6.125		C08890
57/64			.8906	10.000		6.125		C08892
29/32			.9062	10.000		6.125		C08894
59/64			.9219	10.750		6.125		C08895
15/16			.9375	10.750		6.125		C08897
61/64			.9531	11.000		6.375		C08899
31/32			.9688	11.000		6.375		C08901
63/64			.9844	11.000		6.375		C08903
1			1.0000	11.000		6.375		C08904

## General Purpose

SET

## Style: 2510

no. of pieces	surface treatment	size range	order number
29	black oxide	1/16" through 1/2" x 1/64"	2510 C00962



Material Reference	Steel (HRc)				Stainless Steel			Cast Iron (HRc)		Aluminum and Non-Ferrous	Hi-Temp Alloy		Hardened Steel (HRc)
	Low Carbon		Alloy		Austenitic	Martensitic	PH	Gray	Nodular		Ni, Co, Fe Based Super Alloy	Titanium	
	Hardness				300 Series	400 series		18-22	22-32				
Bright	☆		☆					☆	☆				

☆ = Best Performance      ◆ = Acceptable