

### Black Oxide HSS Metric Straight Shank Jobber Length Drill Bits (Series 681)



68950

- 135° split-point tip starts drilling immediately and eliminates "walking."
- Manufactured with premium high speed steel with black oxide coating for corrosion resistance.
- Straight shank

#### Applications:

Automotive, maintenance and repair, portable drills, stationary drill press

### General Purpose HSS Fractional Straight Shank Jobber Length Drill Bits with 118° Point (Series 605/601)



60124

- 118° chisel tip point is perfect for general purpose applications.
- Engineered with premium high speed steel in bright finish.
- Recommended for drilling in metal, wood, and plastic.
- Straight shank

#### Applications:

Automotive, maintenance and repair, stationary drill press

#### Sets:

Metal Index: 60136, 60137, 60138, 60221

Size	Decimal Equiv.	Flute Length	Overall Length	Carded Item #	Bulk Item #
1.00 mm	0.0394	11/16"	1-5/8"	—	68100
1.50 mm	0.0591	7/8"	1-7/8"	—	68150
2.00 mm	0.0787	1"	2"	—	68200
2.50 mm	0.0984	1-3/8"	2-3/8"	—	68250ZR
3.00 mm	0.1181	1-5/8"	2-3/4"	—	68300
3.50 mm	0.1378	1-3/4"	2-7/8"	—	68350
4.00 mm	0.1575	2-1/8"	3-1/4"	—	68400
4.50 mm	0.1772	2-3/16"	3-3/8"	—	68450
5.00 mm	0.1969	2-7/16"	3-5/8"	—	68500
5.50 mm	0.2165	2-1/2"	3-3/4"	—	68550ZR
6.00 mm	0.2362	2-3/4"	4"	—	68600
6.50 mm	0.2559	2-7/8"	4-1/8"	—	68650
7.00 mm	0.2756	2-7/8"	4-1/8"	—	68700
7.50 mm	0.2953	3-1/16"	4-3/8"	—	68750
8.00 mm	0.3150	3-3/16"	4-1/2"	—	68800
8.50 mm	0.3346	3-7/16"	4-3/4"	—	68850
9.00 mm	0.3543	3-1/2"	4-7/8"	—	68900
9.50 mm	0.3740	3-5/8"	5"	—	68950
10.00 mm	0.3937	3-3/4"	5-1/8"	—	69010
10.50 mm	0.4134	3-7/8"	5-1/4"	—	69015
11.00 mm	0.4331	4-1/16"	5-1/2"	—	69110ZR
11.50 mm	0.4528	4-3/16"	5-5/8"	—	69115ZR
12.00 mm	0.4724	4-3/8"	5-7/8"	—	69120ZR
12.50 mm	0.4921	4-1/2"	6"	—	69125ZR
13.00 mm	0.5118	4-1/2"	6"	—	69130ZR

Size	Decimal Equiv.	Flute Length	Overall Length	Carded Item #	Bulk Item #
1/64"	.0156	3/16"	3/4"	—	60101ZR
1/32"	.0313	1/2"	1-3/8"	—	60102ZR
3/64"	.0469	3/4"	1-3/4"	—	60103ZR
1/16"	.0625	7/8"	1-7/8"	60504*	60104ZR
5/64"	.0781	1"	2"	60505*	60105
3/32"	.0938	1-1/8"	2-1/4"	60506*	60106ZR
7/64"	.1094	1-1/2"	2-5/8"	60507*	60107
1/8"	.1250	1-5/8"	2-3/4"	60508*	60108ZR
9/64"	.1406	1-3/4"	2-7/8"	60509	60109
5/32"	.1563	2"	3-1/8"	60510ZR	60110
11/64"	.1719	2-1/8"	3-1/4"	60511	60111
3/16"	.1875	2-5/16"	3-1/2"	60512	60112
13/64"	.2031	2-7/16"	3-5/8"	60513	60113
7/32"	.2188	2-1/2"	3-3/4"	60514	60114
15/64"	.2344	2-5/8"	3-7/8"	60515	60115ZR
1/4"	.2500	2-3/4"	4"	60516	60116
17/64"	.2656	2-7/8"	4-1/8"	60517	60117ZR
9/32"	.2813	2-15/16"	4-1/4"	60518	60118
19/64"	.2969	3-1/16"	4-3/8"	60519	60119
5/16"	.3125	3-3/16"	4-1/2"	60520	60120
21/64"	.3281	3-5/16"	4-5/8"	60521	60121
11/32"	.3438	3-7/16"	4-3/4"	60522	60122
23/64"	.3594	3-1/2"	4-7/8"	60523	60123
3/8"	.3750	3-5/8"	5"	60524	60124
25/64"	.3906	3-3/4"	5-1/8"	60525	60125
13/32"	.4063	3-7/8"	5-1/4"	60526	60126ZR
27/64"	.4219	3-15/16"	5-3/8"	60527	60127
7/16"	.4375	4-1/16"	5-1/2"	60528	60128
29/64"	.4531	4-3/16"	5-5/8"	60529	60129
15/32"	.4688	4-5/16"	5-3/4"	60530	60130
31/64"	.4844	4-3/8"	5-7/8"	60531	60131
1/2"	.5000	4-1/2"	6"	60532	60132

\*Note: 2 bits per Card

METAL DRILLING