



THUNDERBOLT™ BITS

**THUNDERBOLT JOBBERS LENGTH BITS
THUNDERBOLT SILVER & DEMING BITS
THUNDERBOLT STUB LENGTH BITS
COBALT JOBBERS LENGTH BITS
HEX SHANK BITS**

THUNDERBOLT™ BITS

■ Premium Industrial Grade Steel

With heavy duty cutting surfaces powers through deep or shallow holes with lightning speed.

■ Unique Flute Form

Improves chip ejection, reduces drill retraction (woodpeckering), and improves coolant flow to the drill point.

■ Self-Centering, 135° Split Point

Reduces "walking" at the drill point.

■ Broad Drilling Spectrum

Designed for performance in low to high tensile strength materials, stainless steel and cast iron.

■ Black & Bronze Jobbers Length Drill Bits

Feature friction reducing black & bronze color oxide surface treatment

■ Titanium Coated Jobbers Length Drill Bits

Feature super hard Titanium Nitride surface treatment which increases drill life up to 500% over uncoated drill bits. Also improved chip ejection and reduced power requirements.

JOBBERS LENGTH DRILL BITS



Diameter (Inches)	Black & Bronze (Envelope)	Pk	Black & Bronze (Skin)	Pk	Titanium Coated (Skin)	Pk
1/16	48-89-1004	10	48-89-1034	2	48-89-1804	2
5/16	48-89-1005	10	48-89-1035	2	48-89-1806	2
3/32	48-89-1006	10	48-89-1036	2	48-89-1807	2
7/64	48-89-1007	10	48-89-1037	2	48-89-1808	2
1/8	48-89-1008	10	48-89-1038	2	48-89-1809	2
9/64	48-89-1009	10	48-89-1039	1	48-89-1811	1
5/32	48-89-1010	10	48-89-1040	1	48-89-1812	1
11/64	48-89-1011	10	48-89-1041	1	48-89-1813	1
3/16	48-89-1012	10	48-89-1042	1	48-89-1814	1
13/64	48-89-1013	10	48-89-1043	1	48-89-1816	1
7/32	48-89-1014	10	48-89-1044	1	48-89-1817	1
15/64	48-89-1015	10	48-89-1045	1	48-89-1818	1
1/4	48-89-1016	10	48-89-1046	1	48-89-1819	1
17/64	48-89-1017	10	48-89-1047	1		
9/32	48-89-1018	10	48-89-1048	1		
19/64	48-89-1019	10	48-89-1049	1		
5/16	48-89-1020	5	48-89-1050	1	48-89-1824	1
21/64	48-89-1021	5	48-89-1051	1		
11/23	48-89-1022	5	48-89-1052	1		
23/64	48-89-1023	5	48-89-1053	1		
3/8	48-89-1024	5	48-89-1054	1	48-89-1829	1
25/64	48-89-1025	5	48-89-1055	1		
13/32	48-89-1026	5	48-89-1056	1		
27/64	48-89-1027	5	48-89-1057	1		
7/16	48-89-1028	5	48-89-1058	1	48-89-1834	1
29/64	48-89-1029	5	48-89-1059	1		
15/32	48-89-1030	5	48-89-1060	1		
31/64	48-89-1032	5	48-89-1061	1		
1/2	48-89-1033	5	48-89-1062	1	48-89-1839	1



• Sizes 3/8" and larger have 3/8" shank.



THUNDERBOLT SILVER & DEMING DRILL BITS

- **Heavy Duty 118° Split Point**

For easy penetration.

- **1/2" 3-Milled Flats Shank**

- **Special Flute Geometry**

Adds strength while providing increased chip ejection.

- Diameters above 1" are 118°, Standard Flute

Diameter	Black & Bronze (Envelope)	Pk
17/32	48-89-0531	1
9/16	48-89-0562	1
19/32	48-89-0593	1
5/8	48-89-0625	1
21/32	48-89-0656	1
11/16	48-89-0687	1
23/32	48-89-0718	1
3/4	48-89-0750	1
25/32	48-89-0781	1
13/16	48-89-0812	1
27/32	48-89-0843	1
7/8	48-89-0875	1
29/32	48-89-0906	1
15/16	48-89-0937	1
31/32	48-89-0968	1
1	48-89-1000	1

THUNDERBOLT STUB LENGTH DRILL BITS

- **135° Split Point**

Is self-centering, prevents drill "walking."

- **Reduced Length Increases Bit Strength**

- **Ideal Sheet Metal Drill**

For use by heating and air conditioning, auto body shop and sheet metal workers.



Diameter (Inches)	Black & Bronze (Envelope)	Pk
1/16	48-89-9404	5
5/16	48-89-9405	5
3/32	48-89-9406	5
7/64	48-89-9407	5
1/8	48-89-9408	5
9/64	48-89-9409	5
5/32	48-89-9410	5
11/64	48-89-9411	5
3/16	48-89-9412	5
13/64	48-89-9413	5
7/32	48-89-9414	5
15/64	48-89-9415	5
1/4	48-89-9416	5
17/64	48-89-9417	5
9/32	48-89-9418	5
19/64	48-89-9419	5
5/16	48-89-9420	5
21/64	48-89-9421	5
11/32	48-89-9422	5
23/64	48-89-9423	5
3/8	48-89-9424	5
25/64	48-89-9425	5
13/32	48-89-9426	5
27/64	48-89-9427	5
7/16	48-89-9428	5
29/64	48-89-9429	5
15/32	48-89-9430	5
31/64	48-89-9431	5
1/2	48-89-9432	5

THUNDERBOLT DRILL BIT SETS

Set Size Description		Metal Folding Index
29-Pc Jobbers	1/16 - 1/2 by 64ths	48-89-1080
29-Pc Jobbers	w/Reduced Shank	48-89-1081
21-Pc Jobbers	1/16 - 3/8 by 64ths	48-89-1085
15-Pc Jobbers	1/16 - 1/2 by 32nds	48-89-1090
15-Pc Jobbers	1/4 - 3/8	48-89-1091
13-Pc Jobbers	1/16 - 1/4 by 32nds	48-89-1095
13-Pc Jobbers	Titanium	48-89-1803
8-Pc Silver & Deming	9/16 - 1 by 16ths	48-89-0035



EXPANDING BIT BY BIT

MORE COBALT JOBBERS LENGTH DRILL BIT SETS

- **Heavy Duty 135° Split Point**

For easy starting on hard materials.

- **Abrasive & Heat Resistant**

- **Drill Easily Through Tough Alloys**

Such as heat-treated materials, stainless steel, and titanium.



Set Size Description		Metal Folding Index
29-Pc Jobbers	1/16 - 1/2 by 64ths	48-89-0050
13-Pc Jobbers	1/16 - 1/4 by 32nds	48-89-0045

- See catalog for complete line of Cobalt Bits

NEW 1/4" HEX SHANK DRILL BITS & SET

- **118° Split Point**

Eases penetration and reduces drill walking.

- **Black Oxide Finish**

Reduces friction for easy drilling.

- **Ideal Drill Bits**

For cordless and electric power drills.



Diameter Inches	Black Oxide (Skin)	Pk
1/16	48-89-1904	1
3/32	48-89-1906	1
1/8	48-89-1908	1
5/32	48-89-1910	1
3/16	48-89-1912	1
7/32	48-89-1914	1
1/4	48-89-1916	1



Set Size (Clamshell)		
7-Pc Bit Set		
1/16 - 1/4 by 32nds		48-89-1920

