



Nothing but **HEAVY DUTY.**

Power Tool Accessories

TWIST DRILL BITS

SHOCKWAVE™ RED HELIX™ TITANIUM HEX DRILL BITS



OVERVIEW

Milwaukee® SHOCKWAVE™ Impact Duty Titanium Drill Bits with RED HELIX™ are engineered for impacts and drills. Designed with a Variable Helix™ with an aggressive 35° Helix Angle which ends at 15°, the Impact Duty Titanium Drill bits with RED HELIX™ provide Rapid Chip Removal™ to limit heat buildup to Stay Sharper Longer™. The 135° split point tip delivers a precision start and prevents walking for fast, accurate holes. Titanium coating can be used in all drilling applications to give you up to 3X life vs. Black Oxide Drill Bits™.

FEATURES

- Titanium Coating for 3X Life vs. Black Oxide
- SHOCKWAVE™ Impact Duty, Engineered for Drills and Impacts
- RED HELIX™ Design for Rapid Chip Removal™

SHOCKWAVE™ RED HELIX™ TITANIUM HEX DRILL BITS

| Diameter | Shank | Variable Helix | Chip Breaker | SKU |
|----------|----------|----------------|--------------|------------|
| 1/16" | 1/4" Hex | | | 48-89-4601 |
| 5/64" | 1/4" Hex | | | 48-89-4602 |
| 3/32" | 1/4" Hex | | | 48-89-4603 |
| 7/64" | 1/4" Hex | | | 48-89-4604 |
| 1/8" | 1/4" Hex | X | | 48-89-4605 |
| 9/64" | 1/4" Hex | X | | 48-89-4606 |
| 5/32" | 1/4" Hex | X | | 48-89-4607 |
| 11/64" | 1/4" Hex | X | | 48-89-4608 |
| 3/16" | 1/4" Hex | X | X | 48-89-4609 |
| 13/64" | 1/4" Hex | X | X | 48-89-4610 |
| 7/32" | 1/4" Hex | X | X | 48-89-4611 |
| 15/64" | 1/4" Hex | X | X | 48-89-4612 |
| 1/4" | 1/4" Hex | X | X | 48-89-4613 |

SHOCKWAVE™ RED HELIX™ TITANIUM HEX DRILL BITS

| Diameter | Shank | Variable Helix | Chip Breaker | SKU |
|----------|----------|----------------|--------------|------------|
| 17/64" | 1/4" Hex | X | X | 48-89-4614 |
| 9/32" | 1/4" Hex | X | X | 48-89-4615 |
| 19/64" | 1/4" Hex | X | X | 48-89-4616 |
| 5/16" | 1/4" Hex | X | X | 48-89-4617 |
| 21/64" | 1/4" Hex | X | X | 48-89-4618 |
| 11/32" | 1/4" Hex | X | X | 48-89-4619 |
| 23/64" | 1/4" Hex | X | X | 48-89-4620 |
| 3/8" | 1/4" Hex | X | X | 48-89-4621 |
| 25/64" | 1/4" Hex | X | X | 48-89-4622 |
| 13/32" | 1/4" Hex | X | X | 48-89-4623 |
| 27/64" | 1/4" Hex | X | X | 48-89-4624 |
| 7/16" | 1/4" Hex | X | X | 48-89-4625 |
| 29/64" | 1/4" Hex | X | X | 48-89-4626 |
| 15/32" | 1/4" Hex | X | X | 48-89-4627 |
| 1/2" | 1/4" Hex | X | X | 48-89-4629 |

SHOCKWAVE™ RED HELIX™ TITANIUM HEX DRILL BIT KITS

| Description | Includes | SKU |
|--------------------------|---|------------|
| Kit 15 PC TiN SHOCKWAVE™ | (1) 1/16" Titanium SHOCKWAVE™ (48-89-4601) (1) 5/64" Titanium SHOCKWAVE™ (48-89-4602) (1) 3/32" Titanium SHOCKWAVE™ (48-89-4603) (1) 7/64" Titanium SHOCKWAVE™ (48-89-4604) (2) 1/8" Titanium SHOCKWAVE™ (48-89-4605) (1) 9/64" Titanium SHOCKWAVE™ (48-89-4606) (1) 5/32" Titanium SHOCKWAVE™ (48-89-4607) (2) 3/16" Titanium SHOCKWAVE™ (48-89-4609) (1) 7/32" Titanium SHOCKWAVE™ (48-89-4611) (1) 1/4" Titanium SHOCKWAVE™ (48-89-4613) (1) 5/16" Titanium SHOCKWAVE™ (48-89-4617) (1) 3/8" Titanium SHOCKWAVE™ (48-89-4621) (1) 1/2" Titanium SHOCKWAVE™ (48-89-4629) | 48-89-4630 |
| Kit 23 PC TiN SHOCKWAVE™ | (2) 1/16" Titanium SHOCKWAVE™ (48-89-4601) (2) 5/64" Titanium SHOCKWAVE™ (48-89-4602) (1) 3/32" Titanium SHOCKWAVE™ (48-89-4603) (2) 7/64" Titanium SHOCKWAVE™ (48-89-4604) (2) 1/8" Titanium SHOCKWAVE™ (48-89-4605) (1) 9/64" Titanium SHOCKWAVE™ (48-89-4606) (2) 5/32" Titanium SHOCKWAVE™ (48-89-4607) (1) 11/64" Titanium SHOCKWAVE™ (48-89-4608) (2) 3/16" Titanium SHOCKWAVE™ (48-89-4609) (1) 13/64" Titanium SHOCKWAVE™ (48-89-4610) (1) 7/32" Titanium SHOCKWAVE™ (48-89-4611) (2) 1/4" Titanium SHOCKWAVE™ (48-89-4613) (1) 5/16" Titanium SHOCKWAVE™ (48-89-4617) (1) 3/8" Titanium SHOCKWAVE™ (48-89-4621) (1) 1/2" Titanium SHOCKWAVE™ (48-89-4629) | 48-89-4631 |
| Kit 29 PC TiN SHOCKWAVE™ | (1) 1/16" Titanium SHOCKWAVE™ (48-89-4601) (1) 5/64" Titanium SHOCKWAVE™ (48-89-4602) (1) 3/32" Titanium SHOCKWAVE™ (48-89-4603) (1) 7/64" Titanium SHOCKWAVE™ (48-89-4604) (1) 1/8" Titanium SHOCKWAVE™ (48-89-4605) (1) 9/64" Titanium SHOCKWAVE™ (48-89-4606) (1) 5/32" Titanium SHOCKWAVE™ (48-89-4607) (1) 11/64" Titanium SHOCKWAVE™ (48-89-4608) (1) 3/16" Titanium SHOCKWAVE™ (48-89-4609) (1) 13/64" Titanium SHOCKWAVE™ (48-89-4610) (1) 7/32" Titanium SHOCKWAVE™ (48-89-4611) (1) 15/64" Titanium SHOCKWAVE™ (48-89-4612) (1) 1/4" Titanium SHOCKWAVE™ (48-89-4613) (1) 17/64" Titanium SHOCKWAVE™ (48-89-4614) (1) 9/32" Titanium SHOCKWAVE™ (48-89-4615) (1) 19/64" Titanium SHOCKWAVE™ (48-89-4616) (1) 5/16" Titanium SHOCKWAVE™ (48-89-4617) | 48-89-4632 |

SHOCKWAVE™ RED HELIX™ TITANIUM HEX DRILL BIT KITS

| Description | Includes | SKU |
|-------------|---|-----|
| | (1) 21/64" Titanium SHOCKWAVE™ (48-89-4618) | |
| | (1) 11/32" Titanium SHOCKWAVE™ (48-89-4619) | |
| | (1) 23/64" Titanium SHOCKWAVE™ (48-89-4620) | |
| | (1) 3/8" Titanium SHOCKWAVE™ (48-89-4621) | |
| | (1) 25/64" Titanium SHOCKWAVE™ (48-89-4622) | |
| | (1) 27/64" Titanium SHOCKWAVE™ (48-89-4624) | |
| | (1) 7/16" Titanium SHOCKWAVE™ (48-89-4625) | |
| | (1) 15/32" Titanium SHOCKWAVE™ (48-89-4627) | |
| | (1) 1/2" Titanium SHOCKWAVE™ (48-89-4629) | |

RED HELIX™ COBALT DRILL BITS



OVERVIEW

Milwaukee® Cobalt RED HELIX™ Drill Bits are engineered for extreme durability and long life in hard metal applications. Designed with a Variable Helix™ that includes an aggressive 35° Helix Angle which ends at 15°, the Cobalt bits with RED HELIX™ provide Rapid Chip Removal™ limiting heat buildup to Stay Sharper Longer™. The 135° split point tip delivers a precision start and prevents walking for fast, accurate holes. Ideal for tough applications and provide Up to 10X life vs. Black Oxide Drill Bits™ but can be used in all twist drilling applications.

FEATURES

- Up to 10X Life vs. Black Oxide
- RED HELIX™ Design for Rapid Chip Removal™
- 135° split point for precision start no walking

RED HELIX™ COBALT DRILL BITS

| Diameter | Shank | Variable Helix | Chip Breaker | SKU |
|----------|--------|----------------|--------------|------------|
| 1/16" | Round | | | 48-89-2301 |
| 5/64" | Round | | | 48-89-2302 |
| 3/32" | Round | | | 48-89-2303 |
| 7/64" | Round | | | 48-89-2304 |
| 1/8" | Round | X | | 48-89-2305 |
| 9/64" | Round | X | | 48-89-2306 |
| 5/32" | Round | | | 48-89-2307 |
| 11/64" | Round | X | | 48-89-2308 |
| 3/16" | 3-Flat | X | X | 48-89-2309 |
| 13/64" | 3-Flat | X | X | 48-89-2310 |
| 7/32" | 3-Flat | X | X | 48-89-2311 |
| 15/64" | 3-Flat | X | X | 48-89-2312 |
| 1/4" | 3-Flat | X | X | 48-89-2313 |
| 17/64" | 3-Flat | X | X | 48-89-2314 |
| 9/32" | 3-Flat | X | X | 48-89-2315 |

RED HELIX™ COBALT DRILL BITS

| Diameter | Shank | Variable Helix | Chip Breaker | SKU |
|----------|---------------------|----------------|--------------|------------|
| 19/64" | 3-Flat | X | X | 48-89-2316 |
| 5/16" | 3-Flat | X | X | 48-89-2317 |
| 21/64" | 3-Flat | X | X | 48-89-2318 |
| 11/32" | 3-Flat | X | X | 48-89-2319 |
| 23/64" | 3-Flat | X | X | 48-89-2320 |
| 3/8" | 3-Flat | X | X | 48-89-2321 |
| 25/64" | 3/8" Reduced 3-Flat | X | X | 48-89-2322 |
| 27/64" | 3/8" Reduced 3-Flat | X | X | 48-89-2324 |
| 7/16" | 3/8" Reduced 3-Flat | X | X | 48-89-2325 |
| 29/64" | 3/8" Reduced 3-Flat | X | X | 48-89-2326 |
| 15/32" | 3/8" Reduced 3-Flat | X | X | 48-89-2327 |
| 13/32" | 3/8" Reduced 3-Flat | X | X | 48-89-2323 |
| 1/2" | 3/8" Reduced 3-Flat | X | X | 48-89-2329 |

RED HELIX™ COBALT DRILL BIT KIT

| Description | Includes | SKU |
|--------------------------------|--|------------|
| 15 Piece Cobalt RED HELIX™ Kit | (1) 1/16" COBALT RED HELIX™ Drill Bit (48-89-2301) (1) 5/64" COBALT RED HELIX™ Drill Bit (48-89-2302) (1) 3/32" COBALT RED HELIX™ Drill Bit (48-89-2303) (1) 7/64" COBALT RED HELIX™ Drill Bit (48-89-2304) (2) 1/8" COBALT RED HELIX™ Drill Bit (48-89-2305) (1) 9/64" COBALT RED HELIX™ Drill Bit (48-89-2306) (1) 5/32 Milwaukee® Thunderbolt® Cobalt Drill Bit (48-89-2307) (1) 3/16" COBALT RED HELIX™ (48-89-2309) (1) 7/32" COBALT RED HELIX™ (48-89-2311) (2) 1/4" COBALT RED HELIX™ (48-89-2313) (1) 5/16 Milwaukee® Thunderbolt® Cobalt Drill Bit (48-89-2317) (1) 3/8" COBALT RED HELIX™ (48-89-2321) (1) 1/2 Milwaukee® Thunderbolt® Cobalt Drill Bit (48-89-2329) | 48-89-2331 |

THUNDERBOLT® TITANIUM-COATED DRILL BITS



OVERVIEW

Milwaukee® Thunderbolt® Titanium coated drill bits are designed for extreme durability and up to 3X longer life. The Thunderbolt web features a thicker core than a standard drill bit to provide ultimate strength and protect against side-load breakage. The titanium coating reduces heat build-up and keeps the bit sharp to extend performance. A specially designed parabolic flute form clears chips and debris fast to keep the bit cool. The 135° split point tip delivers a precision start and prevents walking for fast, accurate holes. Effective for drilling on curved surfaces, Milwaukee Thunderbolt Titanium Coated bits require less effort to drill through wood, metal and PVC, and are highly recommended for use with portable drills. Includes two bits.

FEATURES

- Longer life: Titanium coating reduces heat build-up for up to 3X longer life
- Extreme durability: Thicker web provides greater strength
- Fast, accurate drilling: 135° split point tip starts on contact to prevent walking, while the parabolic flute clears chips fast

THUNDERBOLT® TITANIUM COATED DRILL BITS

| Diameter | Shank | SKU |
|----------|---------------------|------------|
| 1/16" | Round | 48-89-2201 |
| 5/64" | Round | 48-89-2202 |
| 3/32" | Round | 48-89-2203 |
| 7/64" | Round | 48-89-2204 |
| 1/8" | Round | 48-89-2205 |
| 9/64" | Round | 48-89-2206 |
| 5/32" | Round | 48-89-2207 |
| 11/64" | Round | 48-89-2208 |
| 3/16" | Round | 48-89-2209 |
| 13/64" | 3-Flat | 48-89-2210 |
| 7/32" | 3-Flat | 48-89-2211 |
| 15/64" | 3-Flat | 48-89-2212 |
| 1/4" | 3-Flat | 48-89-2213 |
| 17/64" | 3-Flat | 48-89-2214 |
| 9/32" | 3-Flat | 48-89-2215 |
| 19/64" | 3-Flat | 48-89-2216 |
| 5/16" | 3-Flat | 48-89-2217 |
| 21/64" | 3-Flat | 48-89-2218 |
| 11/32" | 3-Flat | 48-89-2219 |
| 23/64" | 3-Flat | 48-89-2220 |
| 3/8" | 3-Flat | 48-89-2221 |
| 25/64" | 3/8" Reduced 3-Flat | 48-89-2222 |
| 27/64" | 3/8" Reduced 3-Flat | 48-89-2224 |
| 7/16" | 3/8" Reduced 3-Flat | 48-89-2225 |
| 29/64" | 3/8" Reduced 3-Flat | 48-89-2226 |
| 15/32" | 3/8" Reduced 3-Flat | 48-89-2227 |
| 13/32" | 3/8" Reduced 3-Flat | 48-89-2223 |
| 31/64" | 3/8" Reduced 3-Flat | 48-89-2228 |
| 1/2" | 3/8" Reduced 3-Flat | 48-89-2229 |

THUNDERBOLT® TITANIUM-COATED DRILL BIT KITS

| Description | Includes | SKU |
|---|--|------------|
| Thunderbolt® Titanium Coated Drill Bits (14 PC) | (1) 1/16" Thunderbolt® Titanium Coated Drill Bit (48-89-2201) (1) 5/64" Thunderbolt® Titanium Coated Drill Bit (48-89-2202) (1) 3/32" Thunderbolt® Titanium Coated Drill Bit (48-89-2203) (1) 7/64" Thunderbolt® Titanium Coated Drill Bit (48-89-2204) (2) 1/8" Thunderbolt® Titanium Coated Drill Bit (48-89-2205) (1) 9/64" Thunderbolt® Titanium Coated Drill Bit (48-89-2206) (1) 5/32" Thunderbolt® Titanium Coated Drill Bit (48-89-2207) (1) 3/16" Thunderbolt® Titanium Coated Drill Bit (48-89-2209) (1) 7/32" Thunderbolt® Titanium Coated Drill Bit (48-89-2211) (1) 1/4" Thunderbolt® Titanium Coated Drill Bit (48-89-2213) (1) 5/16" Thunderbolt® Titanium Coated Drill Bit (48-89-2217) (1) 3/8" Thunderbolt® Titanium Coated Drill Bit (48-89-2221) (1) 1/2" Milwaukee® Thunderbolt® Titanium Coated Drill Bit (48-89-2229) | 48-89-0011 |

THUNDERBOLT® TITANIUM-COATED DRILL BIT KITS

| Description | Includes | SKU |
|---|---|------------|
| Thunderbolt® Titanium Coated Drill Bits (29 PC) | (1) 1/16" Thunderbolt® Titanium Coated Drill Bit (48-89-2201) (1) 5/64" Thunderbolt® Titanium Coated Drill Bit (48-89-2202) (1) 3/32" Thunderbolt® Titanium Coated Drill Bit (48-89-2203) (1) 7/64" Thunderbolt® Titanium Coated Drill Bit (48-89-2204) (1) 1/8" Thunderbolt® Titanium Coated Drill Bit (48-89-2205) (1) 9/64" Thunderbolt® Titanium Coated Drill Bit (48-89-2206) (1) 5/32" Thunderbolt® Titanium Coated Drill Bit (48-89-2207) (1) 11/64" Thunderbolt® Titanium Coated Drill Bit (48-89-2208) (1) 3/16" Thunderbolt® Titanium Coated Drill Bit (48-89-2209) (1) 13/64" Thunderbolt® Titanium Coated Drill Bit (48-89-2210) (1) 7/32" Thunderbolt® Titanium Coated Drill Bit (48-89-2211) (1) 15/64" Thunderbolt® Titanium Coated Drill Bit (48-89-2212) (1) 1/4" Thunderbolt® Titanium Coated Drill Bit (48-89-2213) (1) 17/64" Thunderbolt® Titanium Coated Drill Bit (48-89-2214) (1) 9/32" Thunderbolt® Titanium Coated Drill Bit (48-89-2215) (1) 19/64" Thunderbolt® Titanium Coated Drill Bit (48-89-2216) (1) 5/16" Thunderbolt® Titanium Coated Drill Bit (48-89-2217) (1) 21/64" Thunderbolt® Titanium Coated Drill Bit (48-89-2218) (1) 11/32" Thunderbolt® Titanium Coated Drill Bit (48-89-2219) (1) 23/64" Thunderbolt® Titanium Coated Drill Bit (48-89-2220) (1) 3/8" Thunderbolt® Titanium Coated Drill Bit (48-89-2221) (1) 25/64" Thunderbolt® Titanium Coated Drill Bit (48-89-2222) (1) 13/32" Thunderbolt® Titanium Coated Drill Bit (48-89-2223) (1) 27/64" Thunderbolt® Titanium Coated Drill Bit (48-89-2224) (1) 7/16" Thunderbolt® Titanium Coated Drill Bit (48-89-2225) (1) 29/64" Thunderbolt® Titanium Coated Drill Bit (48-89-2226) (1) 15/32" Thunderbolt® Titanium Coated Drill Bit (48-89-2227) (1) 31/64" Thunderbolt® Titanium Coated Drill Bit (48-89-2228) (1) 1/2 Milwaukee® Thunderbolt® Titanium Coated Drill Bit (48-89-2229) | 48-89-0012 |
| Thunderbolt® Titanium Drill Bit Set (20 PC) | (2) 1/16" Thunderbolt® Titanium Coated Drill Bit (48-89-2201) (2) 5/64" Thunderbolt® Titanium Coated Drill Bit (48-89-2202) (2) 3/32" Thunderbolt® Titanium Coated Drill Bit (48-89-2203) (2) 7/64" Thunderbolt® Titanium Coated Drill Bit (48-89-2204) (2) 1/8" Thunderbolt® Titanium Coated Drill Bit (48-89-2205) (1) 9/64" Thunderbolt® Titanium Coated Drill Bit (48-89-2206) (1) 5/32" Thunderbolt® Titanium Coated Drill Bit (48-89-2207) (1) 11/64" Thunderbolt® Titanium Coated Drill Bit (48-89-2208) (1) 3/16" Thunderbolt® Titanium Coated Drill Bit (48-89-2209) (1) 13/64" Thunderbolt® Titanium Coated Drill Bit (48-89-2210) (1) 7/32" Thunderbolt® Titanium Coated Drill Bit (48-89-2211) (1) 1/4" Thunderbolt® Titanium Coated Drill Bit (48-89-2213) (1) 5/16" Thunderbolt® Titanium Coated Drill Bit (48-89-2217) (1) 3/8" Thunderbolt® Titanium Coated Drill Bit (48-89-2221) (1) 1/2 Milwaukee® Thunderbolt® Titanium Coated Drill Bit (48-89-2229) | 48-89-1105 |

TITANIUM SILVER AND DEMING DRILL BITS

TITANIUM SILVER AND DEMING DRILL BITS

| Diameter | Shank | SKU |
|----------|---------------|------------|
| 3/4" | 3-Flat (1/2") | 48-89-4640 |
| 5/8" | 3-Flat (1/2") | 48-89-4636 |
| 9/16" | 3-Flat (1/2") | 48-89-4634 |

THUNDERBOLT® BLACK OXIDE DRILL BITS



OVERVIEW

Milwaukee® Thunderbolt® Black Oxide jobber length drill bits are designed for extreme durability and long life. The Thunderbolt web features a thicker core than a standard drill bit to provide ultimate strength and protect against side-load breakage. A specially designed parabolic flute form clears chips and debris fast to keep the bit cool. The 135° split point tip delivers a precision start and prevents walking for fast, accurate holes. Effective for drilling on curved surfaces, Milwaukee Thunderbolt Black Oxide bits require less effort to drill through metal, wood and PVC, and are highly recommended for use with portable drills. Includes 2 bits.

FEATURES

- Extreme durability: Thicker web provides greater strength and longer life
- Fast, accurate drilling: 135° split point tip starts on contact to prevent walking, while the parabolic flute clears chips fast
- Corrosion resistant: Black oxide coating provides lubricity and resists corrosion of the bit

| | | Thunderbolt® Black Oxide Drill Bits | | |
|----------|---------------------|-------------------------------------|------------|------------|
| Diameter | Shank | 1 Pack | 12 Pack | 6 Pack |
| 1/16" | Round | 48-89-2710 | 48-89-2820 | |
| 5/64" | Round | 48-89-2711 | 48-89-2821 | |
| 3/32" | Round | 48-89-2712 | 48-89-2822 | |
| 7/64" | Round | 48-89-2713 | 48-89-2823 | |
| 1/8" | Round | 48-89-2714 | 48-89-2824 | |
| 9/64" | Round | 48-89-2715 | 48-89-2825 | |
| 5/32" | Round | 48-89-2716 | 48-89-2826 | |
| 11/64" | Round | 48-89-2717 | 48-89-2827 | |
| 3/16" | Round | 48-89-2718 | 48-89-2828 | |
| 13/64" | 3-Flat | 48-89-2719 | 48-89-2829 | |
| 7/32" | 3-Flat | 48-89-2720 | 48-89-2830 | |
| 15/64" | 3-Flat | 48-89-2721 | 48-89-2831 | |
| 1/4" | 3-Flat | 48-89-2722 | 48-89-2832 | |
| 17/64" | 3-Flat | 48-89-2723 | | 48-89-2833 |
| 9/32" | 3-Flat | 48-89-2724 | | 48-89-2834 |
| 19/64" | 3-Flat | 48-89-2725 | | 48-89-2835 |
| 5/16" | 3-Flat | 48-89-2726 | | 48-89-2836 |
| 21/64" | 3-Flat | 48-89-2727 | | 48-89-2837 |
| 11/32" | 3-Flat | 48-89-2728 | | 48-89-2838 |
| 23/64" | 3-Flat | 48-89-2729 | | 48-89-2839 |
| 3/8" | 3-Flat | 48-89-2730 | | 48-89-2840 |
| 25/64" | 3/8" Reduced 3-Flat | 48-89-2731 | | 48-89-2841 |
| 27/64" | 3/8" Reduced 3-Flat | 48-89-2733 | | 48-89-2843 |
| 7/16" | 3/8" Reduced 3-Flat | 48-89-2734 | | 48-89-2844 |
| 29/64" | 3/8" Reduced 3-Flat | 48-89-2735 | | 48-89-2845 |
| 15/32" | 3/8" Reduced 3-Flat | 48-89-2736 | | 48-89-2846 |

Thunderbolt® Black Oxide Drill Bits

| Diameter | Shank | 1 Pack | 12 Pack | 6 Pack |
|----------|---------------------|------------|---------|------------|
| 13/32" | 3/8" Reduced 3-Flat | 48-89-2732 | | 48-89-2842 |
| 31/64" | 3/8" Reduced 3-Flat | 48-89-2737 | | 48-89-2847 |
| 1/2" | 3/8" Reduced 3-Flat | 48-89-2738 | | 48-89-2848 |

THUNDERBOLT® BLACK OXIDE DRILL BIT KITS

| Description | Includes | SKU |
|--|---|------------|
| Thunderbolt® Black Oxide Drill Bit Set (15 PC) | (1) 1/16" Thunderbolt Black Oxide Drill Bit (1) 11/64" Thunderbolt Black Oxide Drill Bit (1) 13/64" Thunderbolt Black Oxide Drill Bit (1) 1/4" Thunderbolt Black Oxide Drill Bit (1) 1/8" Thunderbolt Black Oxide Drill Bit (1) 3/16" Thunderbolt Black Oxide Drill Bit (1) 3/32" Thunderbolt Black Oxide Drill Bit (1) 3/8" Thunderbolt Black Oxide Drill Bit (1) 5/16" Thunderbolt Black Oxide Drill Bit (1) 5/32" Thunderbolt Black Oxide Drill Bit (1) 5/64" Thunderbolt Black Oxide Drill Bit (1) 7/32" Thunderbolt Black Oxide Drill Bit (1) 7/64" Thunderbolt Black Oxide Drill Bit (1) 9/32" Thunderbolt Black Oxide Drill Bit (1) 9/64" Thunderbolt Black Oxide Drill Bit | 48-89-2803 |
| Thunderbolt® Black Oxide Drill Bit Set (21 PC) | (2) 1/16" Thunderbolt Black Oxide Drill Bit (1) 11/64" Thunderbolt Black Oxide Drill Bit (1) 1/2" Thunderbolt Black Oxide Drill Bit (1) 13/64" Thunderbolt Black Oxide Drill Bit (2) 1/4" Thunderbolt Black Oxide Drill Bit (1) 15/64" Thunderbolt Black Oxide Drill Bit (2) 1/8" Thunderbolt Black Oxide Drill Bit (2) 3/16" Thunderbolt Black Oxide Drill Bit (1) 3/32" Thunderbolt Black Oxide Drill Bit (1) 3/8" Thunderbolt Black Oxide Drill Bit (1) 5/16" Thunderbolt Black Oxide Drill Bit (1) 5/32" Thunderbolt Black Oxide Drill Bit (2) 5/64" Thunderbolt Black Oxide Drill Bit (1) 7/32" Thunderbolt Black Oxide Drill Bit (1) 7/64" Thunderbolt Black Oxide Drill Bit (1) 9/64" Thunderbolt Black Oxide Drill Bit | 48-89-2801 |
| Thunderbolt® Black Oxide Drill Bit Set (29 PC) | (1) 11/32" Thunderbolt Black Oxide Drill Bit (1) 1/16" Thunderbolt Black Oxide Drill Bit (1) 11/64" Thunderbolt Black Oxide Drill Bit (1) 1/2" Thunderbolt Black Oxide Drill Bit (1) 13/32" Thunderbolt Black Oxide Drill Bit (1) 13/64" Thunderbolt Black Oxide Drill Bit (1) 1/4" Thunderbolt Black Oxide Drill Bit (1) 15/32" Thunderbolt Black Oxide Drill Bit (1) 15/64" Thunderbolt Black Oxide Drill Bit (1) 17/64" Thunderbolt Black Oxide Drill Bit (1) 1/8" Thunderbolt Black Oxide Drill Bit (1) 19/64" Thunderbolt Black Oxide Drill Bit (1) 21/64" Thunderbolt Black Oxide Drill Bit (1) 23/64" Thunderbolt Black Oxide Drill Bit (1) 25/64" Thunderbolt Black Oxide Drill Bit (1) 27/64" Thunderbolt Black Oxide Drill Bit (1) 29/64" Thunderbolt Black Oxide Drill Bit (1) 3/16" Thunderbolt Black Oxide Drill Bit (1) 31/64" Thunderbolt Black Oxide Drill Bit (1) 3/32" Thunderbolt Black Oxide Drill Bit (1) 3/8" Thunderbolt Black Oxide Drill Bit (1) 5/16" Thunderbolt Black Oxide Drill Bit (1) 5/32" Thunderbolt Black Oxide Drill Bit (1) 5/64" Thunderbolt Black Oxide Drill Bit (1) 7/16" Thunderbolt Black Oxide Drill Bit (1) 7/32" Thunderbolt Black Oxide Drill Bit (1) 7/64" Thunderbolt Black Oxide Drill Bit (1) 9/32" Thunderbolt Black Oxide Drill Bit (1) 9/64" Thunderbolt Black Oxide Drill Bit | 48-89-2802 |



OVERVIEW

Milwaukee® S&D Black Oxide drill bits are designed for extreme durability and long life. A specially designed parabolic flute form clears chips fast, while the 3-Flat Secure-Grip™ shank holds the bit firmly in the drill chuck. The 135° split point tip delivers a precision start and prevents walking for fast, accurate holes. Effective for drilling on curved surfaces, Milwaukee Black Oxide bits require less effort to drill through metal, wood and PVC, and are highly recommended for use with portable drills.

FEATURES

- Fast, accurate drilling: 135° split point tip starts on contact to prevent walking, while the parabolic flute clears chips fast
- Reduced slipping: 3-Flat Secure-Grip™ shank holds the bit firmly in the drill chuck
- Corrosion resistant: Black oxide coating provides lubricity and resists corrosion of the bit

S & D BLACK OXIDE DRILL BITS

| Diameter | Shank | SKU |
|----------|---------------|------------|
| 17/32" | 3-Flat (1/2") | 48-89-2739 |
| 9/16" | 3-Flat (1/2") | 48-89-2740 |
| 19/32" | 3-Flat (1/2") | 48-89-2741 |
| 5/8" | 3-Flat (1/2") | 48-89-2742 |
| 21/32" | 3-Flat (1/2") | 48-89-2743 |
| 11/16" | 3-Flat (1/2") | 48-89-2744 |
| 23/32" | 3-Flat (1/2") | 48-89-2745 |
| 3/4" | 3-Flat (1/2") | 48-89-2746 |
| 25/32" | 3-Flat (1/2") | 48-89-2747 |
| 13/16" | 3-Flat (1/2") | 48-89-2748 |
| 27/32" | 3-Flat (1/2") | 48-89-2749 |
| 7/8" | 3-Flat (1/2") | 48-89-2750 |
| 15/16" | 3-Flat (1/2") | 48-89-2752 |
| 31/32" | 3-Flat (1/2") | 48-89-2753 |
| 29/32" | 3-Flat (1/2") | 48-89-2751 |
| 1" | 3-Flat (1/2") | 48-89-2754 |
| 1-1/16" | 3-Flat (1/2") | 48-89-2755 |
| 1-1/8" | 3-Flat (1/2") | 48-89-2756 |
| 1-3/16" | 3-Flat (1/2") | 48-89-2757 |
| 1-1/4" | 3-Flat (1/2") | 48-89-2758 |

AIRCRAFT LENGTH BLACK OXIDE DRILL BITS



OVERVIEW

Milwaukee Aircraft Length Black Oxide drill bits are ideal for extra reach and deep drilling applications in metal, wood and PVC. The 135° split point tip delivers a precision start and prevents walking for fast, accurate holes.

FEATURES

- Fast, accurate drilling: 135° split point tip starts on contact to prevent walking
- Corrosion resistant: Black oxide coating provides lubricity and resists corrosion of the bit
- Versatile: Extended length for hard to reach areas

AIRCRAFT LENGTH BLACK OXIDE DRILL BITS

| Diameter | Shank | SKU |
|----------|--------|------------|
| 1/8" | 3-Flat | 48-89-2770 |
| 3/16" | 3-Flat | 48-89-2771 |
| 1/4" | 3-Flat | 48-89-2772 |
| 5/16" | 3-Flat | 48-89-2773 |
| 3/8" | 3-Flat | 48-89-2774 |
| 7/16" | 3-Flat | 48-89-2775 |
| 1/2" | 3-Flat | 48-89-2776 |