High-Speed Steel Nitro Heavy Duty Jobber Drill Bit (1/2" Round Shank)

CATALOG (SKU) NUMBER: DR-DBIT

The Drillco 400N series heavy duty jobber length drill bit is made from nitride-treated high-speed steel with a black and gold oxide finish and has a 135-degree split point for drilling stainless steel and other hard metals. The jobber length drill bit has a versatile midrange drilling depth and is a common choice for general-purpose applications. A heavy duty nitride treatment on high-speed steel (HSS) provides hardness for wear resistance, and the combined black and gold oxide finish resists corrosion and increases the hardness of the drill bit for additional wear resistance. The self-centering 135-degree split point penetrates hard material without a pilot hole and produces smaller chips that reduce clogging compared to a 118-degree point. The round shank accommodates most drill chucks. The drill bit conforms to American National Standards Institute (ANSI) specifications.

Drill bits are cutting tools used to make holes in a range of materials using machines such as handheld portable drills, machining centers, and lathes. Drill bits come in a variety of lengths and types, the most common of which is the twist drill bit. The round, twisted shaft of the twist drill bit typically has two cutting edges and flutes. The helical twist of the flutes brings chips up and away from the cutting edges and allows for coolant to reach the cutting edges. Jobber length twist drill bits, the most common length of twist drill bit, offer a good compromise of length and reach for the widest range of materials and applications. Mechanic's length twist drill bits (also called maintenance length) are a little shorter than jobber length and less prone to deflection when drilling. Short length twist drill bits (also called stub or screw-machine length) are the shortest and stiffest twist drill bits, helping to reduce the chance of deflection or breakage when drilling. Reduced shank twist drill bits (also called Silver and Deming drill bits) have a shank that is smaller in diameter than its shaft, permitting drilling machines with a 1/4", 1/2", or 3/4" drill chuck to create large holes. Long length twist drill bits (also called taper length) are a little longer than jobber length, allowing for deeper holes and longer reach. Extra-long length twist drill bits (also called extension) are longer than long length twist drill bits for greater reach or for drilling deeper holes.

PACIFIC Industrial Supply

Bit Shark			
Size (in)	Part number	Depth (in)	Description
17/32	DR-034	1/2	Nitro Drill Heavy Duty
9/16	DR-035	1/2	Nitro Drill Heavy Duty
5/8	DR-037	1/2	Nitro Drill Heavy Duty
11/16	DR-038	1/2	Nitro Drill Heavy Duty
3/4	DR-039	1/2	Nitro Drill Heavy Duty
13/16	DR-040	1/2	Nitro Drill Heavy Duty
7/8	DR-041	1/2	Nitro Drill Heavy Duty
15/16	DR-042	1/2	Nitro Drill Heavy Duty
1 IN.	DR-043	1/2	Nitro Drill Heavy Duty
1-1/16	DR-044	1/2	Nitro Drill Heavy Duty
1-1/8	DR-045	1/2	Nitro Drill Heavy Duty
1-3/16	DR-046	1/2	Nitro Drill Heavy Duty
1-1/4	DR-047	1/2	Nitro Drill Heavy Duty
1-5/16	DR-048	1/2	Nitro Drill Heavy Duty
1-3/8	DR-049	1/2	Nitro Drill Heavy Duty
1-7/16	DR-050	1/2	Nitro Drill Heavy Duty
1-1/2	DR-051	1/2	Nitro Drill Heavy Duty

Product Specifications

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