

1-800-GRAINGER (472-4643)

What is SDS-Max?

SDS-Max bits have grooves on the shanks that lock securely into a spring-loaded chuck that prevents bits from slipping during high-torque drilling applications. They can be inserted and removed from the tool without tightening or loosening the chuck for one-handed bit changeouts. SDS Max bits have an increased capability for tougher masonry work compared to SDS-Plus. They can withstand more torque and force than SDS-Plus bits which are shorter in length and suitable for lighter duty work and smaller diameter holes than the more rugged SDS-Max bits. The SDS-Max bits are only compatible with rotary or hammer drills having an SDS-Max chuck.



BOSCH



45L356

SDS-Max Concrete and Masonry Drill Bits

■ 4 Cutter heads

Have variable-helix flutes that efficiently remove dust from the hole to minimize heat during drilling.

Drill Bit Size	Maximum Drilling Depth	Overall Length	Shank Diameter	Brand	Item No.	Drill Bit Size	Maximum Drilling Depth	Overall Length	Shank Diameter	Brand	Item No.
5/32 in	4 in	6 in	1/32 in	Milwaukee	785XZ1	1 in	31 in	36 in	4/64 in	DeWalt	5MP67
3/16 in	2 in	4 in	1/32 in	Milwaukee	785XZ2	1 1/8 in	18 in	23 in	4/64 in	DeWalt	45L355
1/8 in	4 in	6 in	1/32 in	Milwaukee	785XZ3	1 1/2 in	18 in	23 in	4/64 in	Milwaukee	45L356
3/8 in	7 in	13 in	4/64 in	Milwaukee	785XW5	1 3/4 in	31 in	36 in	4/64 in	Milwaukee	40ZJ55
7/16 in	10 in	12 in	1/32 in	Milwaukee	785XZ5	1 7/8 in	31 in	36 in	4/64 in	Milwaukee	785XY2
	8 in	13 in	1/2 in	Bosch	490R46	2 in	24 in	29 in	4/64 in	Bosch	40ZJ59
1/2 in	23 in	28 in	4/64 in	Milwaukee	785XW7	2 1/4 in	31 in	36 in	4/64 in	DeWalt	5MP69
	54 in	60 in	4/64 in	Milwaukee	785XW9	1 3/8 in	18 in	23 in	4/64 in	Milwaukee	45L363
	16 in	21 in	9/16 in	Bosch	490R67	1 7/8 in	18 in	23 in	4/64 in	Milwaukee	785XY6
	16 in	21 in	4/64 in	Bosch	40ZJ35		12 in	17 in	4/64 in	Milwaukee	785XY7
	31 in	36 in	5/8 in	Bosch	490R51	1 1/2 in	16 in	21 in	4/64 in	Bosch	40ZJ32
	54 in	60 in	4/64 in	Milwaukee	785XX1		18 in	23 in	4/64 in	Milwaukee	45L365
	8 in	10 in	1 3/32 in	Milwaukee	785XY9		20 in	22 in	4/64 in	Milwaukee	785Y23
	12 in	17 in	4/64 in	Milwaukee	785XZ2	1 1/8 in	18 in	23 in	4/64 in	Milwaukee	785XY8
	31 in	36 in	4/64 in	Bosch	40ZJ67	1 3/4 in	18 in	23 in	4/64 in	Milwaukee	45L368
1 3/16 in	17 in	21 in	4/64 in	Milwaukee	785XZ4	2 in	18 in	23 in	4/64 in	Milwaukee	45L369
7/8 in	8 in	10 in	1 3/32 in	Milwaukee	785XZ0	3 1/8 in	20 in	22 in	4/64 in	Milwaukee	785Y24
	24 in	29 in	1/2 in	Bosch	490R65						

Head Width	Shank Length	Shank Diameter	Cutting Application	Brand	Item No.
Asphalt Cutter					
5"	1 1/2 in	4/64 in	Asphalt, Hard Ground	Milwaukee	45L245
	16 in	4/64 in	Tile Chiseling	DeWalt	1EC37
Bull Point Chisel					
3/4"	18 in	4/64 in	Chiseling Concrete/Block/Brick	Bosch	20PK78
3/4"	18 in	4/64 in	Concrete Chipping and Breaking	Milwaukee	45L249
1"	16 in	4/64 in	Chipping	DeWalt	34D578
Bushing Tool					
1 1/2"	9 1/2 in	4/64 in	Finishing, Roughing	Milwaukee	45L226
	10 in	4/64 in	Roughing	DeWalt	19TF54
1 3/4"	10 1/2 in	4/64 in	Concrete Removal	Milwaukee	45L244
2"	2 in	4/64 in	Concrete Roughing	Bosch	20PK84
Clay Spade					
4 1/4"	16 in	4/64 in	Dirt, Hard Packed Gravel	Milwaukee	45N161
Flat Chisel					
	12 in	4/64 in	Breaking, Concrete Removal	DeWalt	34D579
	12 in	4/64 in	Concrete Breaking	DeWalt	4LD51
1"	16 in	1/2 in	Surface Material Removal	Bosch	48XX78
	16 in	4/64 in	Concrete Breaking	DeWalt	4LD52
	18 in	4/64 in	Chiseling Concrete/Block/Brick	Bosch	20PK75
	18 in	4/64 in	Concrete Chipping and Breaking	Milwaukee	45L252
2"	12 in	4/64 in	Surface Material Removal	DeWalt	4LD54
	16 in	4/64 in	Concrete Spall, Tile Removal	DeWalt	34D581
3"	12 in	4/64 in	Surface Material Removal	DeWalt	5MP70
6"	25 in	4/64 in	Composite Removal	Bosch	1UL95
Ground Rod Driver					
3/8"	10 in	4/64 in	Rod Driving	Milwaukee	783WN3
3/4"	10 in	4/64 in	Driving Ground Rods	Milwaukee	45L257
Pointed Spade					
3/4"	12 in	4/64 in	Chiseling Concrete/Block/Brick	Bosch	6MR15
2"	10 in	4/64 in	Roughing	DeWalt	4LD56
Scaling Chisel					
1 1/2"	12 in	4/64 in	Rust, Scale, Asphalt, Troughs	Milwaukee	45L253
2"	12 in	4/64 in	Rust, Scale, Asphalt, Troughs	Milwaukee	45L254
3"	12 in	2 3/32 in	Roughing	Westward	22UV18
Spade Chisel					
4 1/2"	17 in	4/64 in	Digging	Bosch	1UL96
5"	15 in	4/64 in	Asphalt	Bosch	1UL88
5 3/8"	16 in	4/64 in	Digging	Bosch	2LDP7
Tile Chisel					
2"	12 in	4/64 in	Tile Removal	Bosch	2LDP4



Ground Rod Driver 783WN3
Spade 1UL96



Chisel Bits for SDS-Max Hammer Drills

Suitable for breaking up concrete and masonry in high-torque construction and demolition applications.

Core Dia.	Maximum Drilling Depth	Overall Length	Shank Diameter	Brand	Item No.
1 3/4"	17 in	22 in	1 3/4 in	Bosch	2LDE9
2"	17 in	22 in	2 in	Bosch	2LDF2
2 1/4"	17 in	22 in	2 1/4 in	Bosch	20PK60
2 3/8"	7 in	12 in	2 3/8 in	Bosch	2LDF3
2 3/8"	17 in	22 in	2 3/8 in	Bosch	20PK61
3 1/4"	17 in	22 in	3 1/4 in	Bosch	2LDF6
3 3/8"	17 in	22 in	3 3/8 in	Bosch	2LDF8
	7 in	12 in	4 in	Bosch	2LDF9
4"	12 in	17 in	4 in	Bosch	2LDG1
	17 in	22 in	4 in	DeWalt	3AB28
5"	7 in	12 in	5 in	Bosch	20PK62
	17 in	22 in	5 in	Bosch	2LDG2
6"	17 in	22 in	6 in	Bosch	2LDG3



One-Piece SDS-Max Deep-Hole Core Bits

Centering bit reduces bit walking and increases precision when drilling. Bits are ideal for creating large, shallow holes in concrete, masonry, and limestone.



SDS-Max Deep-Hole Drill Bits

■ Shank size: 4/64" dia.

Feature a fluted head that grinds through concrete and masonry without creating a plug of material that needs to be cleared from the drill bit.

Drill Bit Size	Maximum Drilling Depth	Overall Length	Brand	Item No.
1 3/4"	18 in	24 in	Bosch	2LDG5
	20 in	22 in	Milwaukee	22UP97
2 1/8"	18 in	24 in	Bosch	2LDG6
	20 in	22 in	Milwaukee	22UP98
2 1/2"	18 in	24 in	Bosch	2LDG7
	20 in	22 in	Milwaukee	22UP99
3 3/8"	18 in	24 in	Bosch	2LDG8



2LDG7



Scaling 45L255



Self-Sharpening Chisel Bits for SDS-Max Hammer Drills

■ Shank size: 4/64" dia.

Design allows bits to wear evenly and retain their sharpness longer than standard chisel bits.

Head Width	Overall Length	Cutting Application	Brand	Item No.
Bull Point Chisel				
1/2"	16 in	Concrete Chipping and Breaking	Milwaukee	45N162
1"	12 in	Chipping	DeWalt	490U06
Flat Chisel				
1"	16 in	Concrete Chipping and Breaking	Milwaukee	45N163
	16 in	Chiseling Concrete/Block/Brick	Bosch	6LFH7
Pointed Spade				
3/4"	16 in	Chiseling Concrete/Block/Brick	Bosch	44H732
	16 in	Chiseling Concrete/Block/Brick	Bosch	48XX80
1"	16 in	Chiseling Concrete/Block/Brick	Bosch	6LFH6
Scaling Chisel				
3"	12 in	Asphalt, Cutting Troughs, Mortar, Rust	Milwaukee	45L255
Scraping Chisel				
2"	12 in	Surface Material Removal	Milwaukee	45L256
Tile Chisel				
	14 in	Surface Material Removal	Bosch	1UL94
2"	15 in	Tile Removal, Laminate, Mortar	Milwaukee	45N164



SDS-Max Dust-Extraction Hollow Core Bits

■ Shank size: 4/64" dia.

Have a hollow shaft and dust-extraction holes that allow dust to be removed with a dust extractor during drilling. These 4-cutter bits have long life compared to 2-cutter bits and are less likely to bind up if they hit embedded rebar when drilling into concrete.

Drill Bit Size	Maximum Drilling Depth	Overall Length	Brand	Item No.
	8"	17 in	Bosch	55JE11
5/8"	15 3/4"	23 3/4 in	DeWalt	54FH81
	16"	25 in	Bosch	55JE12
	12 1/2"	21 in	Bosch	48UR95
3/4"	15 3/4"	23 3/4 in	DeWalt	54FH80
	15"	25 in	Bosch	48UR97
	15 3/4"	23 3/4 in	DeWalt	54FH82
	15 3/4"	23 3/4 in	DeWalt	54FH79
1"	17 1/2"	27 in	Bosch	48UR98
1 1/4"	16"	21 in	Bosch	55JD95



54FH82