

**MX4™ 4-CUTTER SDS PLUS BITS**

Diameter	Usable Length	Length	1 Pack	Bulk
5/8"	16"	18"	48-20-7206	-
3/4"	6"	8"	48-20-7210	-
3/4"	8"	10"	48-20-7212	-
3/4"	10"	12"	48-20-7215	-
3/4"	16"	18"	48-20-7220	-
7/8"	6"	8"	48-20-7225	-
7/8"	8"	10"	48-20-7228	-

Diameter	Usable Length	Length	1 Pack	Bulk
7/8"	10"	12"	48-20-7230	-
7/8"	16"	18"	48-20-7236	-
1"	8"	10"	48-20-7240	-
1"	16"	18"	48-20-7246	-
1-1/8"	8"	10"	48-20-7250	-
1-1/8"	16"	18"	48-20-7256	-
1-1/4"	16"	18"	48-20-7266	-

This product complies with ANSI B212.15 standard

**M/2™ 2-CUTTER SDS PLUS BITS**

Diameter	Usable Length	Length	1 Pack	Bulk	Monster Pack
5/32"	2"	4"	48-20-7400	48-20-7500 (25 pk)	-
5/32"	4"	6"	48-20-7401	48-20-7501 (25 pk)	-
3/16"	2"	4"	48-20-7410	48-20-7510 (25 pk)	48-20-7810 (200 pk)
3/16"	4"	6"	48-20-7411	48-20-7511 (25 pk)	48-20-7811 (200 pk)
3/16"	6"	8"	48-20-7412	48-20-7512 (25 pk)	-
3/16"	8"	10"	48-20-7413	48-20-7513 (25 pk)	-
3/16"	10"	12"	48-20-7414	48-20-7514 (25 pk)	-
3/16"	12"	14"	48-20-7415	48-20-7515 (25 pk)	-
3/16"	14"	16"	48-20-7416	48-20-7516 (25 pk)	-
7/32"	4"	6"	48-20-7421	48-20-7521 (25 pk)	-
7/32"	6"	8"	48-20-7422	48-20-7522 (25 pk)	-
7/32"	8"	10"	48-20-7424	48-20-7524 (25 pk)	-
7/32"	12"	14"	48-20-7425	48-20-7525 (25 pk)	-
7/32"	14"	16"	48-20-7426	48-20-7526 (25 pk)	-
1/4"	2"	4"	48-20-7430	48-20-7530 (25 pk)	48-20-7830 (200 pk)
1/4"	4"	6"	48-20-7431	48-20-7531 (25 pk)	48-20-7831 (200 pk)
1/4"	6"	8"	48-20-7432	48-20-7532 (25 pk)	-
1/4"	8"	10"	48-20-7433	48-20-7533 (25 pk)	-
1/4"	10"	12"	48-20-7434	48-20-7534 (25 pk)	-
1/4"	12"	14"	48-20-7435	48-20-7535 (25 pk)	-
1/4"	14"	16"	48-20-7436	48-20-7536 (25 pk)	-
1/4"	18"	20"	48-20-7438	-	-
5/16"	4"	6"	48-20-7441	48-20-7541 (25 pk)	48-20-7841 (150 pk)
5/16"	10"	12"	48-20-7444	-	-
3/8"	4"	6"	48-20-7451	48-20-7551 (20 pk)	48-20-7851 (125 pk)
3/8"	6"	8"	48-20-7452	-	-
3/8"	8"	10"	48-20-7453	-	-
3/8"	10"	12"	48-20-7454	48-20-7554 (20 pk)	-
3/8"	16"	18"	48-20-7457	-	-

Diameter	Usable Length	Length	1 Pack	Bulk	Monster Pack
3/8"	22"	24"	48-20-7459	-	-
7/16"	4"	6"	48-20-7461	-	-
7/16"	10"	12"	48-20-7464	-	-
7/16"	16"	18"	48-20-7467	-	-
1/2"	4"	6"	48-20-7471	48-20-7571 (15 pk)	48-20-7871 (100 pk)
1/2"	8"	10"	48-20-7473	-	-
1/2"	10"	12"	48-20-7474	48-20-7574 (15 pk)	-
1/2"	16"	18"	48-20-7477	-	-
1/2"	22"	24"	48-20-7479	-	-
9/16"	4"	6"	48-20-7481	-	-
9/16"	10"	12"	48-20-7484	-	-
9/16"	16"	18"	48-20-7487	-	-
5/8"	4"	6"	48-20-7601	-	-
5/8"	6"	8"	48-20-7602	48-20-7702 (10 pk)	-
5/8"	10"	12"	48-20-7604	-	-
5/8"	16"	18"	48-20-7607	-	-
5/8"	22"	24"	48-20-7609	-	-
11/16"	6"	8"	48-20-7058	-	-
3/4"	6"	8"	48-20-7061	-	-
3/4"	8"	10"	48-20-7063	-	-
3/4"	10"	12"	48-20-7065	-	-
3/4"	16"	18"	48-20-7066	-	-
3/4"	22"	24"	48-20-7067	-	-
7/8"	6"	8"	48-20-7071	-	-
7/8"	10"	12"	48-20-7072	-	-
7/8"	16"	18"	48-20-7075	-	-
1"	8"	10"	48-20-7080	-	-
1"	16"	18"	48-20-7085	-	-

This product complies with ANSI B212.15 standard

**M/2™ 2-CUTTER SDS PLUS BITS**

**OVERVIEW**

MILWAUKEE® M/2™ 2-Cutter SDS Plus Rotary Hammer Drill Bits are up to 30% faster with up to 20% more holes per charge in cordless rotary hammers. Breaker point pulverizes the material more effectively, resulting in faster drilling speeds. The variable flute allows for maximum debris extraction, leading to up 20% more holes per charge in cordless rotary hammers while making it a very durable bit in corded and cordless rotary hammers. The enhanced rebar guards provide increased durability in hard aggregate and rebar. Additionally, M/2™ features a centering tip for exact spot drilling, wear mark indicator indicating when the bit no longer meets ANSI diameter requirements and a reinforced flute for durability and minimized vibration. The increased life and efficiency of the M/2™ 2-Cutter drill bit line provides the ideal solution in general concrete for cordless and corded rotary hammer users.

**FEATURES**

- Enhanced Rebar Guards: Increased durability
- Breaker Points: Faster drilling speeds
- Variable Flutes: Maximum debris extraction







UP TO **30% FASTER**

CONCRETE DRILLING & CHISELING

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**SDS PLUS DRILL BIT KITS**
**SDS PLUS DRILL BIT KITS**

Description	Includes	Part No.
 <b>5 PC</b> SDS Plus MX4™ Kit	(1) 3/16" x 4" MX4™ 4-Cutter SDS Plus Drill Bit (1) 1/4" x 6" MX4™ 4-Cutter SDS Plus Drill Bit (1) 5/16" x 6" MX4™ 4-Cutter SDS Plus Drill Bit (1) 3/8" x 6" MX4™ 4-Cutter SDS Plus Drill Bit (1) 1/2" x 6" MX4™ 4-Cutter SDS Plus Drill Bit	48-20-7498
 <b>6 PC</b> SDS Plus MX4™ Kit	(1) 3/16" x 6" MX4™ 4-Cutter SDS Plus Drill Bit (1) 1/4" x 6" MX4™ 4-Cutter SDS Plus Drill Bit (1) 5/16" x 6" MX4™ 4-Cutter SDS Plus Drill Bit (1) 3/8" x 6" MX4™ 4-Cutter SDS Plus Drill Bit (1) 1/2" x 6" MX4™ 4-Cutter SDS Plus Drill Bit (1) 5/8" x 8" MX4™ 4-Cutter SDS Plus Drill Bit	48-20-7499
 <b>5 PC</b> SDS Plus M/2™ Kit	(1) 3/16" x 4" M/2™ 2-Cutter SDS Plus Drill Bit (1) 1/4" x 6" M/2™ 2-Cutter SDS Plus Drill Bit (1) 5/16" x 6" M/2™ 2-Cutter SDS Plus Drill Bit (1) 3/8" x 6" M/2™ 2-Cutter SDS Plus Drill Bit (1) 1/2" x 6" M/2™ 2-Cutter SDS Plus Drill Bit	48-20-7490

 This product complies with ANSI B212.15 standard

**SDS PLUS CONCRETE SCREW INSTALLATION DRILL BITS**
**OVERVIEW**


The MILWAUKEE® SDS Plus Bits with 1/4" Hex are designed specifically for concrete screw applications. Built to take on brick, block and concrete, MILWAUKEE® SDS Bits feature 2-Cutter geometry for fast drilling and debris removal. The patented, reinforced flute design increases impact resistance and transfers energy directly to the bit tip. Patented rebar chamfers withstand impact from rebar and hard aggregate and reduce carbide chipping. To be used with Drive Sleeve available in the SDS Plus Concrete Screw Installation Kit (48-20-7497).

**FEATURES**


- Designed for Concrete Screws: Drilling holes and driving concrete screws into brick, block and concrete
- Versatility: Allows rotary hammers to adapt to the concrete screw system for maximum efficiency



**SDS PLUS CONCRETE SCREW INSTALLATION DRILL BITS**

Diameter	Usable Length	Length	Concrete Screw Diameter Size	1 Pack	Bulk 25
5/32"	2"	5"	3/16"	48-20-7090	-
5/32"	3"	6"	3/16"	48-20-7096	48-20-7196
5/32"	4"	7"	3/16"	48-20-7091	48-20-7191
3/16"	2"	5"	1/4"	48-20-7097	-
3/16"	3"	6"	1/4"	48-20-7098	48-20-7198
3/16"	4"	7"	1/4"	48-20-7092	48-20-7192

 This product complies with ANSI B212.15 standard

**SDS PLUS CONCRETE SCREW INSTALLATION KIT**

Description	Includes	Part No.
 <b>7 PC</b> SDS Plus Installation Kit for Concrete Screws	(1) 5/32" x 7" with 1/4" Hex Rotary Hammer Drill Bit (1) 3/16" x 7" with 1/4" Hex Rotary Hammer Drill Bit (1) #2 Phillips Driver Bit (1) #3 Phillips Driver Bit (1) 1/4" Hex Drive Bit (1) 5/16" Hex Drive Bit (1) Drive Sleeve	48-20-7497

 This product complies with ANSI B212.15 standard

**SDS PLUS STOP BITS**
**OVERVIEW**

MILWAUKEE's SDS Plus Shank Stop Bits are ideal for use with drop-in anchors. The stopping collar controls the drilling depth, allowing for repeatable, fast and accurate holes. The patented flute geometries remove debris rapidly while maximizing impact energy. The centering tip reduces bit walking for exact spot drilling. A variety of bits are available for the most common drop-in anchor sizes. Please see anchor manufacturers' guides for correct stop bit to be used with anchor.


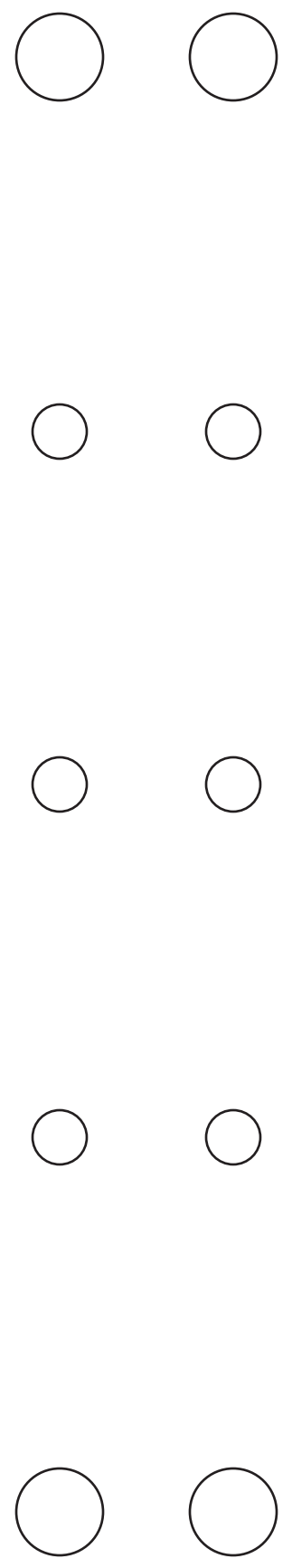

**FEATURES**

- For use with drop-in anchors
- Stopping Shoulder: Drill accurate depths repeatedly
- Patented Flute Geometry: Remove debris rapidly and maximize impact energy

**SDS PLUS STOP BITS**

Diameter	Usable Length	Length	Part No.
3/8"	1-1/16"	4-1/4"	48-20-7651
1/2"	13/16"	4-1/4"	48-20-7652
1/2"	1-11/16"	5-1/8"	48-20-7653

Diameter	Usable Length	Length	Part No.
5/8"	1-1/16"	4-3/4"	48-20-7654
5/8"	2-1/16"	5-1/2"	48-20-7655

 This product complies with ANSI B212.15 standard


CONCRETE DRILLING &amp; CHISELING

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**SDS PLUS DUST TRAP™ DRILLING SHROUD**

**OVERVIEW**

The MILWAUKEE® SDS Plus DUST TRAP™ is the industry's first OSHA® compliance solution without a vacuum, ideal for overhead drilling applications. The universal fit allows the DUST TRAP™ to work with all SDS Plus rotary hammers and SDS Plus drill bits up to an 8" length, including stop bits and other anchor installations tools. The clear sleeve allows visibility while the locking mechanism enables easy storage on the jobsite. The compact, collapsible design is ideal for tough to reach places, providing superior productivity. The DUST TRAP™ is an OSHA® Objective Data compliance solution when used without a vacuum and OSHA® Table 1 compliant when used with a dust extractor, giving users the flexibility to adjust to the daily demands of the jobsite while being compliant. Replacement SDS Plus DUST TRAP™ Sleeves are available (48-03-3235).



**FEATURES**

- OSHA® Objective Data compliance without a vacuum
- Universal fit on SDS Plus rotary hammers and drill bits up to 8" long
- Preferred Table 1 solution for the OSHA® Regulation on Crystalline Silica Dust (29CFR 1926.1153), when used with a dust extractor

**SDS PLUS DUST TRAP™ DRILLING SHROUD**

Description	1 Pack	5 Pack	10 Pack
SDS Plus DUST TRAP™ Drilling Shroud	48-03-3035	-	48-03-3135
SDS Plus DUST TRAP™ Replacement Sleeve	-	48-03-3235	-

**SDS PLUS VACUUM BITS**

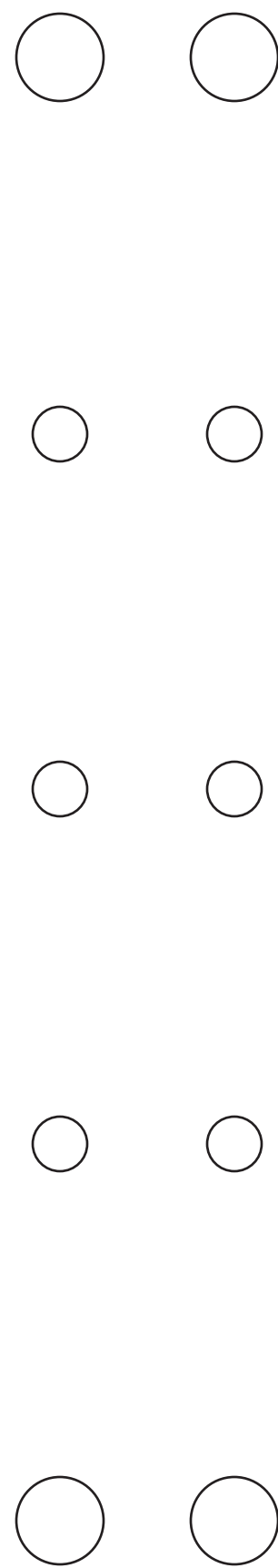
**OVERVIEW**

The MILWAUKEE® SDS Plus Vacuum Drill Bits reduce airborne silica dust and provide increased productivity during the chemical anchor preparation process. The combination of dust extraction holes at the bit tip and the hollow shaft design allow dust to be removed through the bit while drilling holes, reducing airborne silica dust in the process. SDS Plus Vacuum Drill Bits are an OSHA® Table 1 compliant solution when used with dust extraction vacuums. Additionally, SDS Plus Vacuum Drill Bits leave clean holes which are ready for the chemical anchor installation, removing the need to use standard drill bits with the "blow-brush-blow" cleaning method, delivering up to 2X faster chemical anchor preparation. The 4-Cutter tip design delivers durability in concrete and concrete with rebar applications. The universal adapter fits most common dust extractor attachments.



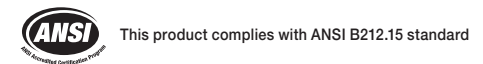
**FEATURES**

- Drilling holes into brick, block, concrete and concrete with rebar
- Preferred Table 1 solution for the OSHA® Regulation on Crystalline Silica Dust (29 CFR 1926.1153), when used with a dust extractor
- Up to 2X faster chemical anchor preparation



**SDS PLUS VACUUM BITS**

Diameter	Usable Length	Length	Part No.
7/16"	7-7/8"	13"	48-20-2102
1/2"	7-7/8"	13"	48-20-2106
9/16"	9-1/2"	14"	48-20-2110
5/8"	9-1/2"	14"	48-20-2114
3/4"	9-1/2"	14"	48-20-2118



**SDS PLUS VACUUM BITS ADAPTER**

Description	Part No.
SDS Plus Vacuum Bits Adapter	48-20-2100

**SDS PLUS TWO-PIECE CORE BITS**

**OVERVIEW**

MILWAUKEE's SDS Plus Two-piece Core Bits are ideal for drilling large through holes into brick, block and concrete. Two-piece design allows for system versatility.



**FEATURES**

- Thin Wall Design
- Two-Piece Design: Versatility
- Ability to use extensions

**SDS PLUS TWO-PIECE CORE BITS**

Size	Depth	Core Body with Guide Plate and Centering Pin Part No.	8" SDS Plus Adapter Shank Part No.	12" SDS Plus Adapter Shank Part No.	7-1/2" Extension Part No.	Replacement Guide Plate Part No.	Replacement Centering Pin Part No.
1"	3-3/16"	48-20-5005*	48-03-3545	48-03-3551	48-95-6070	-	-
1-1/8"	3-3/16"	48-20-5010*	48-03-3545	48-03-3551	48-95-6070	-	-
1-1/4"	3-3/16"	48-20-5015	48-03-3545	48-03-3551	48-95-6070	48-20-6151	48-20-6150
1-3/8"	3-3/16"	48-20-5020	48-03-3545	48-03-3551	48-95-6070	48-20-6152	48-20-6150
1-1/2"	3-3/16"	48-20-5025	48-03-3545	48-03-3551	48-95-6070	48-20-6153	48-20-6150
1-3/4"	2-13/16"	48-20-5030	48-03-3555	48-03-3561	48-95-6075	48-20-6156	48-20-6155
2"	2-13/16"	48-20-5035	48-03-3555	48-03-3561	48-95-6075	48-20-6157	48-20-6155
2-1/2"	2-13/16"	48-20-5040	48-03-3555	48-03-3561	48-95-6075	48-20-6158	48-20-6155
3"	2-13/16"	48-20-5045	48-03-3555	48-03-3561	48-95-6075	48-20-6159	48-20-6155
3-1/2"	2-13/16"	48-20-5050	48-03-3555	48-03-3561	48-95-6075	48-20-6160	48-20-6155
4"	2-13/16"	48-20-5055	48-03-3555	48-03-3561	48-95-6075	48-20-6161	48-20-6155

\*Guide plate and centering pin not included with 1" and 1-1/8" diameter core bits

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## SDS PLUS CORE BITS

### OVERVIEW

MILWAUKEE® SDS Plus Masonry Core Bits are ideal for drilling large holes in brick, block and concrete with SDS Plus rotary hammers. Asymmetrical carbide teeth break up material more effectively, resulting in up to 20% faster drilling speeds. Centering bits allow for easy alignment of the hole and precise spot drilling. The versatile two-piece design allows users to drill with several different core bit sizes using one adapter. The spiral core body design minimizes friction in the hole and aids in dust removal during the application. Core bits cut with the outer edge only, therefore the operator must remove the inner core to continue drilling for holes deeper than 2".

### FEATURES

- Asymmetrical Carbide Teeth: Up to 20% faster drilling speeds
- Drilling large through holes in brick, block and concrete



#### SDS PLUS CORE BITS

Diameter	Depth	Part No.
1-3/16"	2"	48-20-5205
1-3/8"	2"	48-20-5210
1-9/16"	2"	48-20-5215
1-3/4"	2"	48-20-5220
2"	2"	48-20-5225

Diameter	Depth	Part No.
2-9/16"	2"	48-20-5230
3-1/8"	2"	48-20-5235
3-9/16"	2"	48-20-5240
4"	2"	48-20-5245
4-3/8"	2"	48-20-5255

#### SDS PLUS CORE BIT ACCESSORIES

Description	Part No.
13" SDS Plus Core Bit Adapter	48-20-3582*
18" SDS Plus Core Bit Adapter	48-20-3593*
SDS Plus Core Centering Bit	48-20-3580

\*Adapters include a centering bit

## SLEDGE™ SDS PLUS SELF-SHARPENING CHISELS

### OVERVIEW

Our SLEDGE™ SDS Plus Chisels stay sharper longer. Reinforced edges deliver maximum durability and reduced wear over the life of the chisel. We've engineered our chisels to maintain sharper edges for increased productivity and maximum life. No re-sharpening or re-hardening is necessary, reducing downtime. Our MILWAUKEE® SLEDGE™ SDS Plus Chisels are designed for SDS Plus rotary hammers with high-grade forged steel for maximum durability and longer life in concrete demolition over our standard chisels.

### FEATURES

- MILWAUKEE® SLEDGE™ Chisels: Stay sharper longer
- Reinforced Edges: Deliver maximum durability and reduced wear over the life of the chisel
- Engineered to Maintain Sharper Edges: Increased productivity



#### SLEDGE™ SDS PLUS SELF-SHARPENING CHISELS

Tip Type	Style	Size	1 Pack
	SLEDGE™ SDS Plus Bull Point	10"	48-62-6050
	SLEDGE™ SDS Plus Flat Chisel	3/4" x 10"	48-62-6052
	SLEDGE™ SDS Plus Bull Point & Flat Chisel	-	48-62-6080
	SLEDGE™ SDS Plus Scaling Chisel	1-1/2" x 10"	48-62-6056
	SLEDGE™ SDS Plus Tile Chisel	1-7/8" x 9-1/2"	48-62-6030
	SLEDGE™ SDS Plus Mortar Knife	1/4" x 8" 3/8" x 8"	48-62-6048 48-62-6049

## SDS PLUS CHISELS

#### SDS PLUS CHISELS

Tip Type	Style	Application	Size	1 Pack	Bulk 25
	Bull Point	Starts a hole in concrete slabs, general chipping and breaking	5-1/2"	48-62-6012	-
			10"	48-62-6010	48-62-6110
	Flat Chisel	General chipping and breaking	3/4" x 5-1/2"	48-62-6014	-
			3/4" x 10"	48-62-6015	48-62-6115
	Scaling Chisel	Cleans concrete, scale, rust, cuts troughs and some asphalt	1-3/16" x 5-1/2"	48-62-6022	-
			1-1/2" x 10"	48-62-6020	48-62-6120
	Tile Chisel	Removes tiles, laminates and other composite materials, removes concrete spillage	3" x 6"	48-62-6058	-
	Concrete Channel Chisel	Creates a channel to run conduit in concrete	7/8" x 10"	48-62-6024	-
	Winged Channel Chisel	Creates a channel to run conduit in a block wall, wings aid in depth control	1" x 10"	48-62-6026	-
	Carbide Slotting Chisel	Creates large openings in concrete in between holes	1-1/4" x 8"	48-62-6029 <b>NEW</b>	-

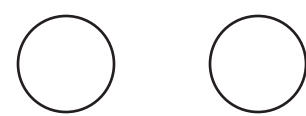
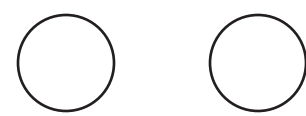
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SDS PLUS CHISELS

Tip Type	Style	Application	Size	1 Pack	Bulk 25
	Mortar Scraper	Removes mortar between bricks, blocks, stones and in corners and tight edges	9/16" x 7"	48-62-6035	-
	Precision Point	Cleans out concrete spillage from sleeves and pre-cast anchors	7"	48-62-6013	-
	Floor Scraper	Removes flooring such as linoleum and laminate	4" x 10"	48-62-6046	-
	Floor Scraper Replacement Blade Kit	Removes flooring such as linoleum and laminate	-	48-62-1915 <b>NEW</b>	-



MX4™ SDS MAX DRILL BITS

Diameter	Usable Length	Length	Part No.
3/8"	7"	13"	48-20-3901
1/2"	7"	13"	48-20-3902
1/2"	11"	17"	48-20-3903
1/2"	15"	21"	48-20-3904
1/2"	22"	28"	48-20-3905
1/2"	30"	36"	48-20-3906
1/2"	54"	60"	48-20-3909
9/16"	7"	13"	48-20-3910
9/16"	15"	21"	48-20-3912
5/8"	7"	13"	48-20-3916
5/8"	11"	17"	48-20-3917
5/8"	15"	21"	48-20-3918
5/8"	30"	36"	48-20-3922
5/8"	54"	60"	48-20-3923
11/16"	15"	21"	48-20-3926
3/4"	7"	13"	48-20-3930
3/4"	11"	17"	48-20-3931
3/4"	15"	21"	48-20-3932
3/4"	30"	36"	48-20-3936
13/16"	16"	21"	48-20-3938
27/32"	16"	21"	48-20-3942
7/8"	8"	13"	48-20-3944
7/8"	12"	17"	48-20-3945

Diameter	Usable Length	Length	Part No.
7/8"	16"	21"	48-20-3946
7/8"	31"	36"	48-20-3949
1"	8"	13"	48-20-3952
1"	12"	17"	48-20-3953
1"	16"	21"	48-20-3954
1"	31"	36"	48-20-3956
1-1/16"	18"	23"	48-20-3958
1-1/8"	12"	17"	48-20-3964
1-1/8"	16"	21"	48-20-3966
1-1/8"	31"	36"	48-20-3967
1-1/4"	10"	15"	48-20-3970
1-1/4"	18"	23"	48-20-3972
1-1/4"	31"	36"	48-20-3974
1-3/8"	12"	17"	48-20-3975
1-3/8"	18"	23"	48-20-3980
1-3/8"	31"	36"	48-20-3983
1-7/16"	18"	23"	48-20-3984
1-1/2"	12"	17"	48-20-3986
1-1/2"	18"	23"	48-20-3988
1-9/16"	18"	23"	48-20-3990
1-5/8"	18"	23"	48-20-3991
1-3/4"	18"	23"	48-20-3992
2"	18"	23"	48-20-3993

SDS MAX



MX4™ SDS MAX DRILL BITS

OVERVIEW

Our MX4™ 4-Cutter SDS Max Rotary Hammer Drill Bits deliver up to 5X longer life in concrete with rebar. Engineered with rebar guards to provide maximum durability in hard aggregate and rebar. We designed our MX4™ 4-Cutter bits with sharp centering tips for exact spot drilling in concrete. The integrated 4-cutter design prevents lock-up in rebar, reducing downtime. Variable flutes remove dust faster, reducing heat and delivering up to 15% more holes per battery charge. The wear mark indicator on each drill bit shows you when they no longer meet the ANSI requirement. These MILWAUKEE® MX4™ 4-Cutter Drill Bits are ideal for concrete with rebar and masonry applications. Choose from single bits, bulk packs or drill bit kits in a variety of sizes.

FEATURES

- Up to 5X longer life in concrete with rebar
- Rebar Guards: Maximum durability in hard aggregate and rebar
- Sharp Centering Tip: Exact spot drilling in concrete



UP TO  
**5x**  
LIFE  
IN REBAR



This product complies with ANSI B212.15 standard

CONCRETE DRILLING & CHISELING

CONCRETE DRILLING & CHISELING

## SDS MAX VACUUM BITS

### OVERVIEW

The MILWAUKEE® SDS Max Vacuum Drill Bits reduce airborne silica dust and provide increased productivity during the chemical anchor preparation process. The combination of dust extraction holes at the bit tip and the hollow shaft design allow dust to be removed through the bit while drilling holes, reducing airborne silica dust in the process. SDS Max Vacuum Drill Bits are an OSHA® Table 1 compliant solution when used with dust extraction vacuums. Additionally, SDS Max Vacuum Drill Bits leave clean holes which are ready for the chemical anchor installation, removing the need to use standard drill bits with the “blow-brush-blow” cleaning method, delivering up to 2X faster chemical anchor preparation. The 4-Cutter tip design delivers durability in concrete and concrete with rebar applications. The universal adapter fits most common dust extractor attachments.



### FEATURES

- Drilling holes into brick, block, concrete and concrete with rebar
- Preferred Table 1 solution for the OSHA® Regulation on Crystalline Silica Dust (29 CFR 1926.1153), when used with a dust extractor
- Up to 2X faster chemical anchor preparation

#### SDS MAX VACUUM BITS

Diameter	Usable Length	Length	Part No.
5/8"	15-3/4"	23-1/2"	48-20-2152
3/4"	15-3/4"	23-1/2"	48-20-2156
7/8"	15-3/4"	23-1/2"	48-20-2160
1"	17-1/2"	25-1/4"	48-20-2164
1-1/8"	27-1/2"	35"	48-20-2168
1-3/8"	27-1/2"	35"	48-20-2172

#### SDS MAX VACUUM BITS ADAPTER

Description	Part No.
SDS Max Vacuum Bits Adapter	48-20-2150

This product complies with ANSI B212.15 standard

## SLEDGE™ SDS MAX SELF-SHARPENING CHISELS

### OVERVIEW

Our SLEDGE™ SDS Max Chisels stay sharper longer. Reinforced edges deliver maximum durability and reduced wear over the life of the chisel. We've engineered our chisels to maintain sharper edges for increased productivity and maximum life. No re-sharpening or re-hardening is necessary, reducing downtime. Our MILWAUKEE® SLEDGE™ SDS Max Chisels are designed for SDS Max rotary hammers with high-grade forged steel for maximum durability and longer life in concrete demolition over our standard chisels.



**STAYS SHARPER LONGER™**

### FEATURES

- MILWAUKEE® SLEDGE™ Chisels: Stay sharper longer
- Reinforced Edges: Deliver maximum durability and reduced wear over the life of the chisel
- Engineered to Maintain Sharper Edges: Increased productivity

#### SLEDGE™ SDS MAX SELF-SHARPENING CHISELS

Tip Type	Style	Size	1 Pack	25 Pack
	SLEDGE™ SDS Max Bull Point	16"	48-62-4250	-
	SLEDGE™ SDS Max Flat Chisel	1" x 16"	48-62-4252	-
	SLEDGE™ SDS Max Scraping Chisel	2" x 12"	48-62-4089	-
	SLEDGE™ SDS Max Scaling Chisel	2" x 15"	48-62-4084	-
		3" x 12"	48-62-4087	48-62-4187
	SLEDGE™ SDS Max Tile Chisel	2" x 15"	48-62-4258	-

CONCRETE DRILLING & CHISELING

CONCRETE DRILLING & CHISELING

**FLOOR SCRAPER**

**FLOOR SCRAPER**

Style	Size	Part No.
SLEDGE™ SDS Max Floor Scraper	6" x 6" x 25"	48-62-4096
Spline / Round Hex 2-Piece Floor Scraper	6" x 25"	48-62-2016
Floor Scraper Replacement Blade	1.5 mm	48-62-1906
Floor Scraper Replacement Fastener Kit	-	48-62-1911
Floor Scraper Replacement Hold Down Plate	-	48-62-1901
Floor Scraper Replacement Mount Head (Yoke)	-	48-62-1921
Floor Scraper Replacement Shank	15-1/2"	48-62-1916

**SDS MAX CHISELS**

**SDS MAX CHISELS**

Tip Type	Style	Application	Size	1 Pack	Bulk
	Bull Point	Starts a hole in concrete slabs, general chipping and breaking	12"	48-62-4075	48-62-4175 (25 pk)
	Bull Point		18"	48-62-4077	48-62-4177 (25 pk)
	Bull Point		24"	48-62-4062	-
	Flat Chisel	General chipping and breaking	1" x 12"	48-62-4079	48-62-4179 (25 pk)
	Flat Chisel		1" x 18"	48-62-4081	48-62-4181 (25 pk)
	Flat Chisel		1" x 24"	48-62-4064	-
	Scaling Chisel	Cleans concrete, scale, rust, cuts troughs and some asphalt	1-1/2" x 12"	48-62-4082	-
	Scaling Chisel		2" x 12"	48-62-4085	48-62-4185 (25 pk)
	Scaling Chisel		4-1/2" x 14"	48-62-4086	-
	Tile Chisel	Removes tiles, laminates and other composite materials, removes concrete spillage	3-1/4" x 12"	48-62-4088	-
	Brick Channel Chisel	Creates a channel to run conduit in block wall, wings aid in depth control	1-1/4" x 12"	48-62-4097	-
	Concrete Channel Chisel	Creates a channel to run conduit in concrete	1" x 12"	48-62-4098	-

**SDS MAX CHISELS**

Tip Type	Style	Application	Size	1 Pack	Bulk
	Seam Tool	Removes mortar between brick or block, cuts narrow channels	1-1/8" x 12"	48-62-4080	-
	Bushing Tool	Removes excess concrete, produces exterior finish, roughens surface before surface coating	1-3/4" x 9-1/4"	48-62-4065	-
	Carbide Tipped Bushing Tool	Carbide provides longer life, removes excess concrete, produces exterior finish, roughens surface before surface coating	1-1/2" x 10"	48-62-4063	-
	Carbide Slotting Tool	Carbide teeth provide longer life, creates large openings in concrete in between holes	1-1/2" x 11"	48-62-4074	-
	Asphalt Cutter	Cuts asphalt or hard ground (DO NOT use for concrete)	5" x 16-1/2"	48-62-4066	-
	Clay Spade	Digs up clay, hard packed gravel and dirt	4-1/2" x 16-5/8"	48-62-4094	48-62-4194 (12 pk)
	Ground Rod Driver	Drives soft ground rods	10" L - 1/2" and 5/8" Rod Dia.	48-62-4093 <b>NEW</b>	-
	Ground Rod Driver	Drives soft ground rods	10-1/2" L - 5/8" and 3/4" Rod Dia.	48-62-4091	-
	Tamper Shank	Used to mount tamper plate	12"	48-62-4092	-
	Tamper Plate	Compacts dirt, tamps asphalt	5" x 5"	48-62-3060	-

**SDS MAX ONE-PIECE CORE BITS**
**OVERVIEW**

MILWAUKEE's SDS Max One-Piece Carbide Tipped Core Bits are ideal for drilling large holes where the depth is relatively shallow. The core bit cuts a kerf only. The inside core must be removed by the operator before deeper drilling can be accomplished. Includes Centering Bit 48-20-5495. Use Drift Key 48-20-5497 (not included) to remove Centering Bit from the one-piece core bit. The one-piece core bits are available in SDS Max or Spline shanks. They come in a variety of diameters ranging from 1-1/2" to 6" with overall lengths of 11-3/8" or 22" and a drilling depth of 3". The asymmetric tooth pitch with alternating tooth geometries creates faster material pulverization. The one-piece design maximizes energy transfer and the thick wall core body is durable even in large hammers. The fluted core exterior minimizes friction loss and removes debris faster.


**FEATURES**

- Asymmetrical and Alternating Teeth: Faster material pulverization
- Thick Wall Core Body: Durability even in large hammers
- Includes Centering Bit: Reduce bit walking and create exact spot drilling

CONCRETE DRILLING &amp; CHISELING

CONCRETE DRILLING &amp; CHISELING

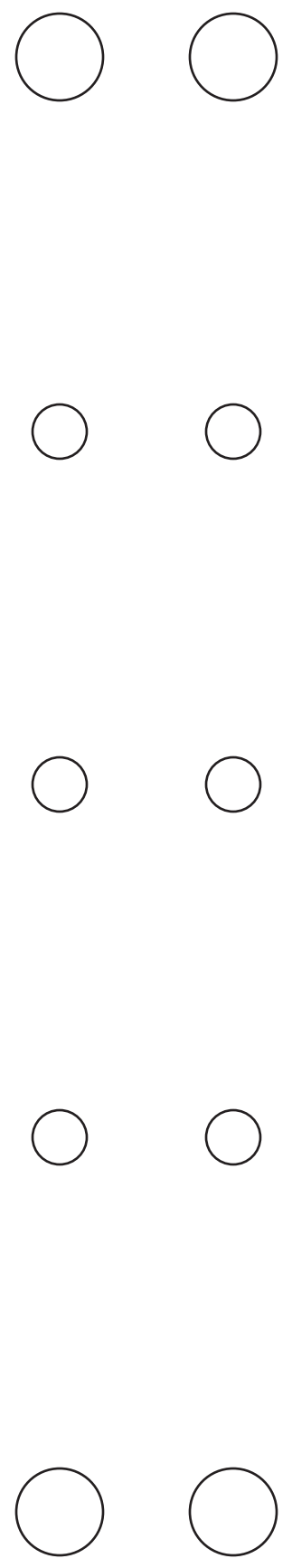

**SDS MAX ONE-PIECE CORE BITS**

Diameter	Depth	Part No.
1-1/2"	11-3/8"	48-20-5400
1-1/2"	22"	48-20-5402
1-3/4"	11-3/8"	48-20-5404
1-3/4"	22"	48-20-5406
2"	11-3/8"	48-20-5408
2"	22"	48-20-5410
2-5/8"	11-3/8"	48-20-5412
2-5/8"	22"	48-20-5414
3-1/8"	11-3/8"	48-20-5420

Diameter	Depth	Part No.
3-1/8"	22"	48-20-5422
3-9/16"	11-3/8"	48-20-5428
3-9/16"	22"	48-20-5430
4"	11-3/8"	48-20-5432
4"	22"	48-20-5434
5"	11-3/8"	48-20-5436
5"	22"	48-20-5438
6"	22"	48-20-5440

**SDS MAX ONE-PIECE CORE BIT ACCESSORIES**

Description	Part No.
Centering Bit	48-20-5495
Drift Key	48-20-5497


**SDS MAX & SPLINE**
**SDS MAX & SPLINE TWO-PIECE CORE BITS**
**OVERVIEW**

MILWAUKEE's SDS Max and Spline Thick Wall Core Bits are used for drilling large through holes into brick, block and concrete. Two-piece design allows versatility between SDS Max and Spline shanks and extensions.


**FEATURES**

- Available in Thick and Thin Wall versions
- Two-Piece Design: Versatility
- Ability to use extensions

**THICK WALL SDS MAX & SPLINE TWO-PIECE CORE BITS**

Size	Depth	Core Body with Guide Plate and Centering Pin Part No.	12" SDS Max Adapter Shank Part No.	18" SDS Max Adapter Shank Part No.	12" Spline Adapter Shank Part No.	18" Spline Adapter Shank Part No.	7-1/2" Extension Part No.	Replacement Guide Plate Part No.	Replacement Centering Pin Part No.
1-1/2"	4-1/16"	48-20-5125	48-03-3572	48-03-3573	48-03-3564	48-03-3565	48-95-6085	48-20-5168	48-20-5199
1-3/4"	4-1/16"	48-20-5130	48-03-3572	48-03-3573	48-03-3564	48-03-3565	48-95-6085	48-20-5169	48-20-5199
2"	4-1/16"	48-20-5135	48-03-3572	48-03-3573	48-03-3564	48-03-3565	48-95-6085	48-20-5170	48-20-5199
2-1/2"	4-1/16"	48-20-5140	48-03-3572	48-03-3573	48-03-3564	48-03-3565	48-95-6085	48-20-5171	48-20-5199
3"	4-1/16"	48-20-5145	48-03-3572	48-03-3573	48-03-3564	48-03-3565	48-95-6085	48-20-5172	48-20-5199
3-1/2"	4-1/16"	48-20-5150	48-03-3572	48-03-3573	48-03-3564	48-03-3565	48-95-6085	48-20-5173	48-20-5199
4"	4-1/16"	48-20-5155	48-03-3572	48-03-3573	48-03-3564	48-03-3565	48-95-6085	48-20-5174	48-20-5199
5"	4-1/16"	48-20-5160	48-03-3572	48-03-3573	48-03-3564	48-03-3565	48-95-6085	48-20-5175	48-20-5199
6"	4-1/16"	48-20-5165	48-03-3572	48-03-3573	48-03-3564	48-03-3565	48-95-6085	48-20-5176	48-20-5199

**THIN WALL SDS MAX & SPLINE TWO-PIECE CORE BITS**

Size	Depth	Core Body with Guide Plate and Centering Pin Part No.	12" SDS Max Adapter Shank Part No.	18" SDS Max Adapter Shank Part No.	12" Spline Adapter Shank Part No.	18" Spline Adapter Shank Part No.	7-1/2" Extension Part No.	Replacement Guide Plate Part No.	Replacement Centering Pin Part No.
5"	2-13/16"	48-20-5060	48-03-3574	-	48-03-3540	-	48-95-6075	48-20-6162	48-20-6155
6"	2-13/16"	48-20-5065	48-03-3574	-	48-03-3540	-	48-95-6075	48-20-6163	48-20-6155

**SDS MAX TUNNEL BITS**
**OVERVIEW**

MILWAUKEE® SDS Max Tunnel Bits are ideal for drilling deep, large holes in brick, block and concrete with SDS Max rotary hammers. The fluted head design and 22" long shaft allows for continuous deep hole drilling without the need to clear out a core. To deliver increased durability in concrete with rebar, a large 3-Cutter tip avoids lock up in rebar. Aggressive carbide cutting edges shear through the rebar inside of concrete.

**FEATURES**

- Fluted Design: Continuous deep hole drilling without the need to remove a core
- 3-Cutter Carbide Centering Tip: Avoids lock up in rebar
- Aggressive Carbide Cutting Edges: Shear through rebar in concrete


**SDS MAX TUNNEL BITS**

Diameter	Length	Part No.
1-1/2"	22"	48-20-5302
1-3/4"	22"	48-20-5306
2-1/8"	22"	48-20-5312

Diameter	Length	Part No.
2-1/2"	22"	48-20-5318
3-1/8"	22"	48-20-5324

CONCRETE DRILLING &amp; CHISELING

CONCRETE DRILLING &amp; CHISELING



**SPLINE**

**2-CUTTER SPLINE DRILL BITS**
**OVERVIEW**

MILWAUKEE's Spline 2-Cutter Rotary Hammer Drill Bits are used for drilling into brick, block and concrete.

**FEATURES**

- Highest Quality Carbide: Maximizes material pulverization
- 2-Cutter Head
- Spline Shank


**2-CUTTER SPLINE DRILL BITS**

Diameter	Usable Length	Length	Part No.
3/8"	5"	10"	48-20-4037
1/2"	5"	10"	48-20-4050
1/2"	11"	16"	48-20-4051
1/2"	17"	22"	48-20-4052
1/2"	22"	27"	48-20-4053
1/2"	31"	36"	48-20-4054
9/16"	5"	10"	48-20-4056
9/16"	18"	23"	48-20-4057
5/8"	5"	10"	48-20-4062
5/8"	11"	16"	48-20-4063

Diameter	Usable Length	Length	Part No.
5/8"	17"	22"	48-20-4064
11/16"	11"	16"	48-20-4068
3/4"	11"	16"	48-20-4076
3/4"	17"	22"	48-20-4078
13/16"	11"	16"	48-20-4081
7/8"	11"	16"	48-20-4087
7/8"	17"	22"	48-20-4088
1"	11"	16"	48-20-4100
1"	17"	22"	48-20-4101
1-1/8"	11"	16"	48-20-4112

Diameter	Usable Length	Length	Part No.
1-1/8"	17"	22"	48-20-4113
1-1/4"	11"	16"	48-20-4125
1-1/4"	17"	22"	48-20-4126
1-3/8"	11"	16"	48-20-4137
1-3/8"	17"	22"	48-20-4138
1-1/2"	11"	16"	48-20-4150
1-1/2"	17"	22"	48-20-4151


**4-CUTTER SPLINE DRILL BITS**
**OVERVIEW**

MILWAUKEE's Spline 4-Cutter Rotary Hammer Drill Bits features a 4-Cutter 4x90° tip geometry to avoid lock up in rebar, patented rebar chamfers for increased durability and a high-volume flute for fast debris removal. Used for drilling holes in brick, block, concrete and reinforced concrete.

**FEATURES**

- 4-Cutter 4x90° Geometry: Avoid lock up in rebar
- Patented Rebar Chamfers: Increased durability
- High-Volume Flute: Fast debris removal


**4-CUTTER SPLINE DRILL BITS**

Diameter	Usable Length	Length	Part No.
5/8"	5"	10"	48-20-4300
5/8"	11"	16"	48-20-4305
5/8"	17"	22"	48-20-4310
5/8"	24"	29"	48-20-4315
5/8"	31"	36"	48-20-4320
11/16"	11"	16"	48-20-4325
3/4"	5"	10"	48-20-4330
3/4"	11"	16"	48-20-4335
3/4"	17"	22"	48-20-4340
3/4"	24"	29"	48-20-4345
3/4"	31"	36"	48-20-4350
7/8"	11"	16"	48-20-4360
7/8"	17"	22"	48-20-4365

Diameter	Usable Length	Length	Part No.
7/8"	31"	36"	48-20-4367
1"	11"	16"	48-20-4370
1"	17"	22"	48-20-4375
1"	31"	36"	48-20-4380
1-1/8"	11"	16"	48-20-4385
1-1/8"	17"	22"	48-20-4390
1-1/4"	11"	16"	48-20-4395
1-1/4"	17"	22"	48-20-4400
1-1/4"	31"	36"	48-20-4405
1-3/8"	17"	22"	48-20-4410
1-1/2"	17"	22"	48-20-4415
1-3/4"	18"	23"	48-20-4418
2"	18"	23"	48-20-4419


**SPLINE ONE-PIECE CORE BITS**
**OVERVIEW**

MILWAUKEE's One-Piece Carbide Tipped Core Bits are ideal for drilling large holes where the depth is relatively shallow. The core bit cuts a kerf only. The inside core must be removed by the operator before deeper drilling can be accomplished. Centering Bit 48-20-5495 is included. Use Drift Key 48-20-5497 (not included) to remove centering bit from the one-piece core bit. The one-piece core bits are available in SDS Max or Spline shanks. They come in a variety of diameters ranging from 1-1/2" to 6" with overall lengths of 11-3/8" or 22" and a drilling depth of 3". The asymmetric tooth pitch with alternating tooth geometries creates faster material pulverization. The one-piece design maximizes energy transfer and the thick wall core body is durable even in large hammers. The fluted core exterior minimizes friction loss and removes debris faster.

**FEATURES**

- Asymmetrical and Alternating Teeth: Faster material pulverization
- Thick Wall Core Body: Durability even in large hammers
- Includes Centering Bit: Reduce bit walking and create exact spot drilling



CONCRETE DRILLING &amp; CHISELING

CONCRETE DRILLING &amp; CHISELING

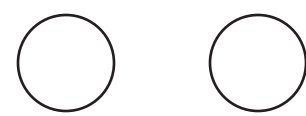
**SPLINE ONE-PIECE CORE BITS**

Diameter	Depth	Part No.
1-1/2"	11-3/8"	48-20-5450
1-1/2"	22"	48-20-5452
1-3/4"	11-3/8"	48-20-5454
1-3/4"	22"	48-20-5456
2"	11-3/8"	48-20-5458
2"	22"	48-20-5460
2-5/8"	11-3/8"	48-20-5462
2-5/8"	22"	48-20-5464
3-1/8"	11-3/8"	48-20-5470

Diameter	Depth	Part No.
3-1/8"	22"	48-20-5472
3-9/16"	11-3/8"	48-20-5478
3-9/16"	22"	48-20-5480
4"	11-3/8"	48-20-5482
4"	22"	48-20-5484
5"	11-3/8"	48-20-5486
5"	22"	48-20-5488
6"	22"	48-20-5490

**SPLINE ONE-PIECE CORE BITS ACCESSORIES**

Description	Part No.
One-Piece Core Bit Centering Bit	48-20-5495
Drift Key for One-Piece Core Bits	48-20-5497



**SPLINE OR ROUND/HEX CHISELS**

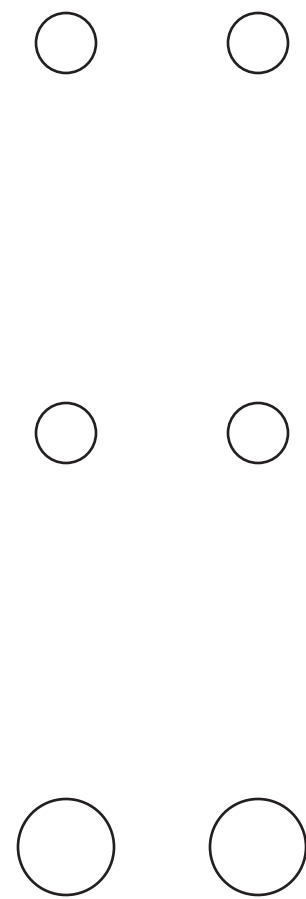
Tip Type	Style	Application	Size	1 Pack	Bulk
	Tamper Plate	Compacts dirt, tamps asphalt	5" x 5"	48-62-3060	-
	Spline / Round Hex 2 Piece Floor Scraper	Floor removal and large area tile removal	6" x 25"	48-62-2016	-
	Floor Scraper Replacement Blade		1.5 mm	48-62-1906	-
	Floor Scraper Replacement Fastener Kit		-	48-62-1911	-
	Floor Scraper Replacement Hold Down Plate		-	48-62-1901	-
	Floor Scraper Replacement Mount Head (Yoke)		-	48-62-1921	-
	Floor Scraper Replacement Shank		15-1/2"	48-62-1916	-

**SPLINE OR ROUND/HEX CHISELS**



**SPLINE OR ROUND/HEX CHISELS**

Tip Type	Style	Application	Size	1 Pack	Bulk
	Bull Point	Starts a hole in concrete slabs, general chipping and breaking	12"	48-62-2000	48-62-2100 (25 pk)
	Bull Point		18"	48-62-2010	48-62-2110 (25 pk)
	Flat Chisel	General chipping and breaking	1" x 12"	48-62-2020	48-62-2120 (25 pk)
	Flat Chisel		1" x 18"	48-62-2030	48-62-2130 (25 pk)
	Scaling Chisel	Cleans concrete, scale, rust, cuts troughs and some asphalt	1-1/2" x 12"	48-62-2040	-
	Scaling Chisel		2" x 12"	48-62-2050	48-62-2150 (25 pk)
	Scaling Chisel		3" x 12"	48-62-2055	48-62-2155 (25 pk)
	Scaling Chisel		4-1/2" x 14"	48-62-2057	-
	Scraping Chisel	Surface scraping	2" x 12"	48-62-2065	-
	Seam Tool	Removes mortar between brick or block, cuts narrow channels	1" x 12"	48-62-2080	-
	Bushing Tool	Removes excess concrete, produces exterior finish, roughens surface before surface coating	1-3/4" x 9-1/2"	48-62-2070	48-62-2170 (15 pk)
	Clay Spade	Digs up clay, hard-packed gravel and dirt	4-1/2" x 16-3/4"	48-62-2095	-
	Ground Rod Driver	Drives soft ground rods	10"L - 5/8" & 3/4" Rod Diameter	48-62-2046	-
	Tamper Shank	Used to mount tamper plate	12"	48-62-2097	-



**3/4" HEX**

**3/4" HEX CHISELS**



**3/4" HEX CHISELS**

Tip Type	Style	Application	Size	Part No.
	Bull Point	Starts a hole in concrete slabs, general chipping and breaking	12"	48-62-3000
	Bull Point		18"	48-62-3005
	Flat Chisel	General chipping and breaking	1" x 12"	48-62-3010
	Flat Chisel		1" x 18"	48-62-3015
	Scaling Chisel	Cleans concrete, scale, rust, cuts troughs and some asphalt	1-1/2" x 12"	48-62-3020
	Scaling Chisel		2" x 12"	48-62-3035
	Scaling Chisel		3" x 12"	48-62-3030
	Scraping Chisel	Surface scraping	2" x 12"	48-62-3025
	Bushing Tool	Removes excess concrete, produces exterior finish, roughens surface before surface coating	1-3/4" x 9-1/2"	48-62-3085
	Asphalt Cutter	Cuts asphalt or hard ground (DO NOT use for concrete)	5" x 16-1/2"	48-62-3090



CONCRETE DRILLING & CHISELING

CONCRETE DRILLING & CHISELING

**3/4" HEX CHISELS**

Tip Type	Style	Application	Size	Part No.
	Clay Spade	Digs up clay, hard-packed gravel and dirt	4-1/2" x 16-3/4"	48-62-3040
	Ground Rod Driver	Drives soft ground rods	9-3/4"L - 5-8" & 3/4" Rod Diameter	48-62-3070
	Tamper Shank	Used to mount tamper plate	12"	48-62-3065
	Tamper Plate	Compacts dirt, tamps asphalt	5" x 5"	48-62-3060

**1-1/8" HEX DEMOLITION STEEL**

Tip Type	Style	Application	Size	Part No.
	Tamper Plate	Compacts dirt, tamps asphalt (Use with 48-62-4060)	6" x 6"	48-62-4050
	Tamper Plate		8" x 8"	48-62-4055
	Tent Stake Driver - Head Only	Drives in large tent stakes (Use with 48-62-4060)	5-1/2" L / 3-1/2" OD / 2-3/4" ID	48-62-4061

**CARBIDE HAMMER DRILL BITS**
**OVERVIEW**

MILWAUKEE® Carbide Hammer Drill Bits use sharpened carbide, delivering up to 5X life in concrete and up to 2X faster drilling. Engineered with a precision ground tip, these bits will deliver faster starts and less walking in concrete, brick, block and masonry. Wide flute design removes dust faster, reducing heat and delivering more holes per charge. The extended life of the MILWAUKEE® Carbide Hammer Drill Bits provides the ideal solution in concrete, brick and block for cordless and corded hammer drill/drivers.



UP TO  
**5X**  
LIFE  
IN CONCRETE

**FEATURES**

- Up to 5X life in concrete
- Up to 2X faster versus standard masonry bits
- Durable Carbide Tip: Longer life in concrete and hard aggregate

**CARBIDE HAMMER DRILL BITS**

Diameter	Usable Length	Length	Shank Type	1 Pack	5 Pack	25 Pack
1/8"	2"	3-1/2"	SHOCKWAVE Impact Duty™	48-20-9000	-	48-20-9100
5/32"	4"	6"	SHOCKWAVE Impact Duty™	48-20-9001	48-20-9155	48-20-9101
3/16"	2"	4"	SHOCKWAVE Impact Duty™	48-20-9005	-	48-20-9105
3/16"	4"	6"	SHOCKWAVE Impact Duty™	48-20-9006	48-20-9157	48-20-9106
7/32"	4"	6"	SHOCKWAVE Impact Duty™	48-20-9009	-	-
1/4"	2"	4"	SHOCKWAVE Impact Duty™	48-20-9010	-	48-20-9110
1/4"	4"	6"	SHOCKWAVE Impact Duty™	48-20-9011	48-20-9162	48-20-9111
1/4"	10"	12"	3-Flat	48-20-9012	-	-
5/16"	4"	6"	SHOCKWAVE Impact Duty™	48-20-9016	-	48-20-9116
5/16"	8"	10"	3-Flat	48-20-9018	-	-
5/16"	10"	12"	3-Flat	48-20-9017	-	-
3/8"	4"	6"	SHOCKWAVE Impact Duty™	48-20-9021	-	48-20-9121
3/8"	10"	12"	3-Flat	48-20-9022	-	-
3/8"	16"	18"	3-Flat	48-20-9023	-	-
7/16"	4"	6"	SHOCKWAVE Impact Duty™	48-20-9025	-	48-20-9125
1/2"	4"	6"	SHOCKWAVE Impact Duty™	48-20-9030	-	48-20-9130
1/2"	10"	12"	3-Flat	48-20-9031	-	-
1/2"	16"	18"	3-Flat	48-20-9032	-	-
9/16"	4"	6"	3-Flat	48-20-9035	-	-

**1-1/8" HEX**
**1-1/8" HEX DEMOLITION STEEL**

**1-1/8" HEX DEMOLITION STEEL**

Tip Type	Style	Application	Size	Part No.
	Moil Point	Starts holes in concrete slabs, general chipping and breaking	16"	48-62-4001
	Moil Point		20"	48-62-4000
	Narrow Chisel	General chipping and breaking	16"	48-62-4006
	Narrow Chisel		20-1/2"	48-62-4005
	Scaling Chisel	Cleans concrete, scale, rust, cuts troughs and some asphalt	3" x 20-1/2"	48-62-4010
	Asphalt Cutter	Cuts asphalt or hard ground (DO NOT use for concrete)	5" x 17-1/2"	48-62-4020
	Clay Spade	Digs up clay, hard-packed gravel and dirt	5-1/2" x 20"	48-62-4030
	Ground Rod Driver	Drives soft ground rods	15-1/2"L x 3"	48-62-4045
	Spike & Pin Driver	Drives anchoring pins for concrete forms	14-1/2"	48-62-4040
	Tamper Shank	Used to mount tamper plate	6" x 6"	48-62-4060



CONCRETE DRILLING &amp; CHISELING





CONCRETE DRILLING &amp; CHISELING

**CARBIDE HAMMER DRILL BITS**

Diameter	Usable Length	Length	Shank Type	1 Pack	5 Pack	25 Pack
5/8"	4"	6"	3-Flat	48-20-9040	-	-
5/8"	10"	12"	3-Flat	48-20-9041	-	-
5/8"	16"	18"	3-Flat	48-20-9042	-	-
3/4"	4"	6"	3-Flat	48-20-9045	-	-
3/4"	10"	12"	3-Flat	48-20-9046	-	-
7/8"	4"	6"	3-Flat	48-20-9047	-	-
7/8"	10"	12"	3-Flat	48-20-9048	-	-
1"	4"	6"	3-Flat	48-20-9049	-	-
1"	10"	12"	3-Flat	48-20-9054	-	-

**SHOCKWAVE IMPACT DUTY™ CARBIDE HAMMER DRILL BIT SETS**

**SHOCKWAVE IMPACT DUTY™ CARBIDE HAMMER DRILL BIT SETS**

Description	Includes	Part No.
 <b>3 PC</b> SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit Set	(1) 5/32" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 3/16" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 1/4" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit	48-20-9050
 <b>5 PC</b> SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit Set	(1) 5/32" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 3/16" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 1/4" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 5/16" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 3/8" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit	48-20-9051
 <b>7 PC</b> SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit Set	(1) 5/32" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (2) 3/16" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bits (2) 1/4" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bits (1) 5/16" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 3/8" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit	48-20-9052
 <b>7 PC</b> Large SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit Set	(1) 1/8" x 2" x 3-1/2" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 5/32" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 3/16" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 1/4" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 5/16" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 3/8" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit (1) 1/2" x 4" x 6" SHOCKWAVE Impact Duty™ Carbide Hammer Drill Bit	48-20-9057

**SHOCKWAVE IMPACT DUTY™ MULTI-MATERIAL BITS**

**OVERVIEW**

MILWAUKEE® SHOCKWAVE Impact Duty™ Carbide Multi-Material Drill Bits are the most versatile bits, designed to tackle materials such as brick, block, concrete, tile, wood, aluminum, PVC, steel and more. The aggressive multi-grind carbide tip delivers up to 10X longer life in stacked materials and up to 85% faster drilling speeds in metal. Equipped with a 1/4" hex shank, these bits are compatible in impacts, drill/drivers and hammer drills. MILWAUKEE® SHOCKWAVE Impact Duty™ Multi-Material Drill Bits provide the ideal all-in-one solution for the widest variety of materials, tools and applications.

**FEATURES**

- For use with brick, block, concrete, steel, aluminum, ceramic tile, backerboard, wood, PVC and drywall
- Up to 85% faster in metal vs. standard masonry drill bits
- SHOCKWAVE Impact Duty™: Engineered for hammer drills and impacts




**SHOCKWAVE IMPACT DUTY™ MULTI-MATERIAL BITS**

Diameter	Usable Length	Length	Part No.
1/8"	2"	3-1/2"	48-20-8880
5/32"	4"	6"	48-20-8882
3/16"	4"	6"	48-20-8884
1/4"	4"	6"	48-20-8886

Diameter	Usable Length	Length	Part No.
5/16"	4"	6"	48-20-8888
3/8"	4"	6"	48-20-8890
1/2"	4"	6"	48-20-8892

**SHOCKWAVE IMPACT DUTY™ MULTI-MATERIAL BIT SET**

Description	Includes	Part No.
 <b>5 PC</b> SHOCKWAVE Impact Duty™ Multi-Material Drill Bit Set	(1) 5/32" x 6" SHOCKWAVE Impact Duty™ Multi-Material Drill Bit (1) 3/16" x 6" SHOCKWAVE Impact Duty™ Multi-Material Drill Bit (1) 1/4" x 6" SHOCKWAVE Impact Duty™ Multi-Material Drill Bit (1) 5/16" x 6" SHOCKWAVE Impact Duty™ Multi-Material Drill Bit (1) 3/8" x 6" SHOCKWAVE Impact Duty™ Multi-Material Drill Bit	48-20-8898

CONCRETE DRILLING & CHISELING

CONCRETE DRILLING & CHISELING



## GLASS AND TILE BITS

### OVERVIEW

MILWAUKEE® Glass and Tile Bits use an exact start tip for clean holes and minimal bit walking in glass and ceramic tile. Created with sharpened carbide, MILWAUKEE® Glass and Tile Bits will provide faster tile drilling than standard glass and tile bits. These bits are designed with a reinforced carbide head for increased durability when drilling in high speed. Ideal for glass and ceramic tile in drill/drivers only. Not recommended for porcelain tile.



### FEATURES


- Exact Start Tip: Minimal bit walking
- Reinforced Carbide Head: Increased durability
- For use in glass and ceramic tile

### GLASS AND TILE BITS

Description	Part No.
1/8" x 2" Glass and Tile Bit	48-20-8980
3/8" x 2" Glass and Tile Bit	48-20-8981
1/4" x 2-1/4" Glass and Tile Bit	48-20-8982

Description	Part No.
5/16" x 2-1/4" Glass and Tile Bit	48-20-8983
3/8" x 3-3/4" Glass and Tile Bit	48-20-8984
1/2" x 3-3/4" Glass and Tile Bit	48-20-8985

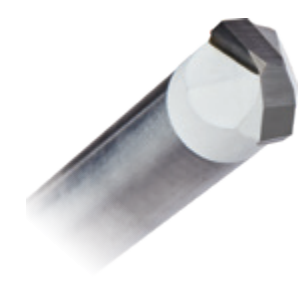
### GLASS AND TILE BIT SET

Description	Includes	Part No.
 <b>4 PC</b> Glass and Tile Bit Set	(1) 1/8" x 2" Glass and Tile Bit (1) 3/8" x 2" Glass and Tile Bit (1) 1/4" x 2-1/4" Glass and Tile Bit (1) 5/16" x 2-1/4" Glass and Tile Bit	48-20-8988

## TILE AND NATURAL STONE BITS

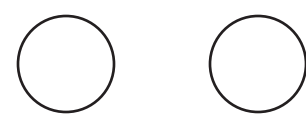
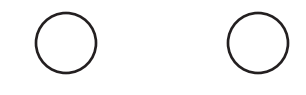
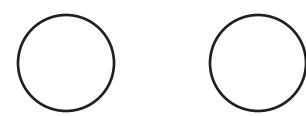
### OVERVIEW

MILWAUKEE® Tile and Natural Stone Bits deliver up to 2X life in granite, stone, tile and glass. Hammer mode capability provides faster drilling speeds when drilling into tile and natural stone. Equipped with an aggressive 8-grind carbide head, these bits deliver up to 20% faster drilling. Reinforced tip protects the carbide head, providing the durability need for hammer drill mode. MILWAUKEE® Tile and Natural Stone Bits can be used in drill-only mode or hammer drill-mode. Not recommended for porcelain tile.



### FEATURES

- Up to 2X longer life
- Up to 20% faster drilling in natural stone
- Hammer Mode Capability: Faster drilling in granite, marble and stone




### TILE AND NATURAL STONE BITS

Description	Part No.
1/8" x 2" Tile and Natural Stone Bit	48-20-8990
3/16" x 2" Tile and Natural Stone Bit	48-20-8991
1/4" x 2-1/4" Tile and Natural Stone Bit	48-20-8992

Description	Part No.
5/16" x 2-1/4" Tile and Natural Stone Bit	48-20-8993
3/8" x 3-3/4" Tile and Natural Stone Bit	48-20-8994
1/2" x 3-3/4" Tile and Natural Stone Bit	48-20-8995

### TILE AND NATURAL STONE BIT SET

Description	Includes	Part No.
 <b>4 PC</b> Tile and Natural Stone Bit Set	(1) 1/8" x 2" Tile and Natural Stone Bit (1) 3/16" x 2" Tile and Natural Stone Bit (1) 1/4" x 2-1/4" Tile and Natural Stone Bit (1) 5/16" x 2-1/4" Tile and Natural Stone Bit	48-20-8998

## EXTENSIONS & ADAPTERS

### MAX-LOK™ EXTENSIONS & ADAPTERS



### MAX-LOK™

Description	Part No.
MAX-LOK™ Connection, includes Grease	48-20-6950
MAX-LOK™ Replacement Grease	49-08-5385

### EXTENSIONS & ADAPTERS

Shank	Length	Part No.
SDS Plus	12-1/2"	48-20-6980
SDS Plus	29-1/2"	48-20-6982
SDS Max	12-1/2"	48-20-6960
SDS Max	29-1/2"	48-20-6962
SDS Max	43"	48-20-6964

Shank	Length	Part No.
SDS Max	63"	48-20-6966
SDS Max	82-1/2"	48-20-6968
Spline	12-1/2"	48-20-6970
Spline	29-1/2"	48-20-6972
Spline	43"	48-20-6974

CONCRETE DRILLING & CHISELING

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