# Hammer Drill

Tools & Accessories

**11335K** Jack 35 lb. Breaker Hammer

Introducing the Bosch 35 lb. "Best in Class" Breaker Hammer



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# Hammer Quick Reference Guide

	77		77		BULLDEG	BULLD	BULLD&G.
Item #	1191VSR(K)	1194VSR(K)	1199VSR(K)	11258VSR	11250VSR	11221DVS	11253VSR
Drive System	Round	Round	Round	SDS-plus®	SDS-plus®	SDS-plus®	SDS-plus®
Hammer Classification	Hammer Drill	Hammer Drill	Hammer Drill	Rotary	Rotary	Combination	Combination
Amperage	7	8	8.5	4.8	6	6.9	7.2
Impact Energy (ftlbs.)	N/A	N/A	N/A	1.6	1.6	1.6	2.2
Max. Concrete Capacity	5/8"	3/4"	3/4"	5/8"	3/4"	7/8"	1"
Optimal Range	1/8" - 5/16"	1/8" - 3/8"	1/8" - 3/8"	1/8" - 5/16"	5/32" - 5/8"	3/16" - 5/8"	3/16" - 5/8"
Core Bits	N/A	N/A	N/A	N/A	1-1/2"	2-1/2"	2-1/2"
No Load RPM	0-3,000	0-1,000 / 0-2,600	0-1,100 / 0-3,000	0-1,700	0-1,100	0-1,040	0-1,300
No Load BPM	0-48,000	0-16,000 / 0-41,600	0-18,000 / 0-48,000	0-4,400	0-4,400	0-5,750	0-5,800
Modes of Operation	Rotation Only Hammer Drill	Rotation Only Hammer Drill	Rotation Only Hammer Drill	Rotation Only Rotary Hammer	Rotation Only Rotary Hammer	Rotation Only Rotary Hammer Hammer Only	Rotation Only Rotary Hammer Hammer Only
Length	11"	16"	13.25"	11.9"	13.25"	16.5"	14.8"
Weight	4.1 lbs.	5.3 lbs.	6 lbs.	4.6 lbs.	5.4 lbs.	8.5 lbs.	6.4 lbs.

	BULLDAG	BULLD	1	1		1
	7-0		7	70	7	TIP
Item#	11224VSR(C)*	11255VSR	11239VS	11236VS	11222EVS(G)	11320VS
Drive System	SDS-plus®	SDS-plus®	SDS-plus®	SDS-plus®	SDS-plus®	SDS-plus®
Hammer Classification	Combination	Combination	Combination	Combination	Combination	Chipping
Amperage	6.9	7.2	7.2	7.5	7.8	6.5
Impact Energy (ftlbs.)	1.6	2.2	2.4	2.6	2.6	3.2
Max. Concrete Capacity	7/8"	1"	1"	1-1/8"	1-1/8"	N/A
Optimal Range	3/16" - 5/8"	3/16" - 5/8"	3/16" - 3/4"	1/4" - 7/8"	1/4" - 7/8"	N/A
Core Bits	2-1/2"	2-1/2"	3"	3"	3"	N/A
No Load RPM	0-1,100	0-1,300	0-1,050	0-850	300-700	N/A
No Load BPM	0-6,150	0-5,800	0-4,000	0-3,900	1,650-3,900	N/A
BPM	N/A	N/A	N/A	N/A	N/A	3,500
Modes of Operation	Rotation Only Rotary Hammer Hammer Only	Rotation Only Rotary Hammer Hammer Only	Rotation Only Rotary Hammer	Rotation Only Rotary Hammer Hammer Only	Rotation Only Rotary Hammer Hammer Only	Hammer Only
Length	17.5"	17.3"	12.9"	15.25"	15.25"	14.75"
Weight	6.5 lbs.	6.7 lbs.	7.8 lbs.	9.3 lbs.	10.1 lbs.	7.9 lbs.

<sup>\*11224</sup>VSRC Includes 3 Jaw Chuck

# Hammer Quick Reference Guide

			1	1	4	-
Item#	11240	11247	11241EVS	11248EVS	11263EVS	11245EVS
Drive System	SDS-max®	Spline/Round Hex	SDS-max®	Spline/Round Hex	SDS-max®	SDS-max®
Hammer Classification	Combination	Combination	Combination	Combination	Combination	Combination
Amperage	10	10	11	11	13.5	14
Impact Energy (ftlbs.)	5.2	5.2	6.2 / 7.4	6.2 / 7.4	9.6 / 11.1	13.3
Max. Concrete Capacity	1-9/16"	1-9/16"	1-9/16"	1-9/16"	1-3/4"	2"
Optimal Range	1/2" - 1-3/8"	1/2" - 1-3/8"	1/2" - 1-3/8"	1/2" - 1-3/8"	5/8" - 1-9/16"	3/4" - 1-3/4"
Through Hole Bits	2-1/2"	2-1/2"	2-1/2"	2-1/2"	3-1/8"	3-1/8"
Core Bits	4"	4"	4"	4"	6"	6"
No Load RPM	400	400	170-340	170-340	145-280	120-250
No Load BPM	3,000	3,000	1,700-3,300	1,700-3,300	1,350-2,800	1,100-2,500
Modes of Operation	Rotary Hammer Hammer Only	Rotary Hammer Hammer Only	Rotation Only Rotary Hammer	Rotary Hammer Hammer Only	Rotary Hammer Hammer Only	Rotary Hammer Hammer Only
Length	17.25"	17.25"	18"	18"	21"	23.5"
Weight	13.2 lbs.	13.6 lbs.	14 lbs.	14.4 lbs.	17.9 lbs.	24.5 lbs.

	70	70	TW	-1	TI	4	BRUTE
Item#	11387	11388	11318EVS	11316EVS	11317EVS	11335K	11304(K)
Drive System	Round Hex	SDS-max®	SDS-max®	SDS-max®	3/4" Hex	1-1/8" Hex Collar	1-1/8" Hex Collar
Hammer Classification	Demolition	Demolition	Demolition	Demolition	Demolition	Breaker	Breaker
Amperage	10	10	11	14	12.8	15	15
Impact Energy (ftlbs.)	5.9	5.9	8.8	4.4 - 18.4	4 - 16.5	34	43
BPM	2,800	2,800	1,300-3,000	900-1,890	850-1,800	1,300	1,400
Modes of Operation	Hammer Only	Hammer Only					
Length	17.5"	17.5"	17.75"	22.5"	22"	30.4"	29.75"
Weight	12 lbs.	11.6 lbs.	12.5 lbs.	22.5 lbs.	22 lbs.	38 lbs.	64 lbs.

### Hammer Drills





#### **Features**

- Light Weight Design Perfect for small diameter drilling applications
- 7 AMP Motor Provides the highest performance to weight ratio in its class
- 2-Mode Selector Easily coverts from rotation only to hammer drill
- Compact Design Aggressive impact mechanism in combination with a more powerful motor outperforms the competition
- 360° Auxiliary Handle with Built-in Quick Release Depth Gauge
- Variable Speed Trigger1/2" 3-Jaw Chuck For rugged hammer drilling applications

#### **Specifications**

Rating	120V AC
Amperage	7
No Load RPM	0-3,000
No Load BPM	0-48,000
Spindle Size	1/2"-20
Maximum Capacities (in.	)
Concrete	5/8"
Steel	1/2"
Wood	1-1/2"
Aluminum	5/8" /3/8" in 2nd
Length (in.)	11.0"
Weight (lbs.)	4.2

#### Includes

360° Auxiliary Handle	2	602	025	094
Depth Gauge	2	603	001	009
Chuck Key	3	608	571	511

#### 1191VSRK

Carrying Case



#### 1194AVSR(K)

Carrying Case

1/2" Dual Torque Hammer Drill



# Carrying Case Included

#### **Features**

- · 8.0 Amps, 0-1000/2600 RPM, 0-16,000/0-41,600 BPM
- 2 Speed gear box Matches speed and torque to the job
- Dual function control Quickly converts from rotation-only to hammer with rotation
- Variable Speed Reversing Switch Complete control for drilling, driving and removing bits or screws
- · All ball and roller bearing construction Smooth Power transmission and extended tool life
  • Ergonomic handle - Multiple gripping positions
- for increased comfort and control
- 360° Side-handle with depth gauge Wide range of movement along with consistent drilling depth
- · Lock-on Button

#### **Specifications**

Rating	120V AC
Amperage	8.0
No Load RPM	0-1,000 / 0-2,600
No Load BPM	0-16,000 / 0-41,600
Spindle Size	1/2"-20"
Maximum Capacitie	es (in.)
Concrete	3/4" /3/8" in 2nd
Steel	1/2" /1/4" in 2nd
Wood	1-1/2"
Aluminum	5/8" /3/8" in 2nd
Length (in.)	16"
Weight (lbs.)	5.3

#### Includes

360° Auxiliary Handle 1 612 0	25 024
Depth Gauge 1 613 0	010 100
Chuck Key	CRK005

#### 1194AVSRK

2 605 438 284 Carrying Case



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# Hammer Drills/Rotary Hammers

#### **Specifications**

Rating	120V AC
Amperage	8.5
No Load RPM	0-1,100 / 0-3,000
No Load BPM	0-18,000 / 0-48,000
Spindle Size	1/2" -20"
Maximum Capacitie	
Concrete	3/4" (3/8" in 2nd)
Steel	1/2" (1/4" in 2nd)
Wood	1-1/2"
Length (in.)	13-1/4"
Weight (lbs.)	6.0

#### Includes

360° Auxiliary Handle	2	602	025	118
Depth Gauge	1	613	001	010

#### 1199VSRK

ase	



#### **Features**

- Bosch-built High-output 8.5 Amp Motor
- 1/2" 3 jaw chuck For rugged hammer drilling applications
- Dual-Mode Selector Easily converts from rotation only to hammer drill mode
- Patented Rotating Brush Plate Provides equal power in reverse to easily back out bound-up bits and doubles brush life
- · Pistol-Grip Handle Compact ergonomic design with soft grip
- Variable-speed Reversing Trigger For accurate bit starting, as well as removing fasteners or bound bits
- · 2-Speed Gear Box Select high-speed or hightorque applications
- · Ambidextrous Lock-on Button Helps reduce fatigue
- 360° auxiliary handle with built-in depth gauge Wide range of movement along with consistent drilling depth
- Integral slip clutch Helps minimize torque reaction
- · 12 foot power cord For added user reach and convenience
- Metal Gear Housing For long life and rugged job site durability
- Patented cord turret Allows cord to pivot 35° on a ball joint for added flexibility and longer cord life

#### 1199VSR(K)

1/2" Dual Torque Hammer Drill





#### **Specifications**

Carrying Case.

Rating	120V
Amperage	4.8
No Load RPM	0-1,700
No Load BPM	0-4,400
Impact Energy (ft./lbs.)	1.6
Maximum Capacities (in.)	
Concrete	5/8"
Steel	1/2"
Wood	1-1/2"
Optimal Concrete Capacity	Range (in.)
	3/16" - 5/16"
Length (in.)	11.9"
Weight (lbs.)	4.8

Includes	
Side Handle	
Depth Gauge	
3/16" SDS-plus® Bit	
1/4" SDS-plus® Bit	
3/8" SDS-plus® Bit	
Carrying Case	Included
11258VSRC	
3-Jaw ClicLoc™ Chuck SDS-plus® ClicLoc™ Chuck	

..Included



#### **Features**

- · Light Weight Design At 4.8 amps and 4.8 pounds, the tool is perfect for small diameter drilling applications, especially overhead
- SDS-plus® Tool Holder Tool-free bit changes with automatic bit locking, dust protection and maximum impact energy transfer rate
- Variable-Speed Trigger For accurate bit starting, as well as removing fasteners or bound bits
- 2-Mode Selector Easily converts from rotation only to rotary hammer
- Cushion Grip Handle Optimized design provides increased comfort
- · 360° Auxiliary Handle with built-in Quick Release Depth Gauge - Provides wide range of movement along with consistent drilling depth
- Integral Clutch Helps minimize torque reaction

#### 11258VSRC also features

• ClicLoc<sup>™</sup> Chuck Change System – Choose between the SDS-plus® tool holder for drilling in concrete and masonry or the three-jaw carbide tipped chuck for drilling wood and metal



5/8" SDS-plus® Concrete Drill





Flexibility to work in a variety of materials









### Rotary **Hammers**

#### 11250VSR

3/4" SDS-plus® Rotary Hammer



#### **Features**

- · Powerful 6.1 amp motor
- SDS-plus® tool holder Tool-free bit changes with automatic bit locking, dust protection and maximum impact energy transfer rate
- Dual mode selector Easily converts from rotation only to rotary hammer mode
- Patented rotating brush plate Provides equal power in reverse and extends brush life
- Pistol grip handle Compact ergonomic design with soft grip
- Integral clutch Helps minimize torque reaction
- · Variable-speed reversing trigger For accurate bit starting, as well as removing fasteners or
- 13-foot power cord For added user reach and convenience

#### **Specifications**

Rating	120V
Amperage	6.1
No Load RPM	0-1,100
No Load BPM	0-4,400
Impact Energy (ft./lbs.)	1.6
Thin Wall Core Bit	1-1/2"
Length (in.)	13-1/4"
Weight (lbs.)	5.4

#### Includes

360° Auxiliary Handle	2	602	025	118
Depth Gauge	1	613	001	010
Carrying case	2	605	438	524



#### 11253VSR

1" SDS-plus® Bulldog™ Xtreme Rotary Hammer







#### **Features**

- 7.2 Amp; 0-1,300 RPM; 0-5,800 BPM
- · Multi-function Selector 3 modes of operation, rotation only, rotary hammer and hammeronly mode
- Vario-Lock™ Positioning Rotates and locks chisel into 36 different positions to optimize working angle
- Patented Rotating Brush Plate Provides equal power in forward and reverse
- Patented Cord Turret 35° pivot for added flexibility and longer cord life
- SDS-plus® Bit System Tool-free bit changes with automatic bit locking, dust protection and maximum impact energy transfer rate
- Variable-speed Reversing Trigger For accurate bit starting as well as removing fasteners or
- · Integral Clutch Helps minimize torque reaction
- · Pistol-Grip design

#### **Specifications**

	Rating	120V
	Amperage	7.2
	No Load RPM	0 - 1,300
	No Load BPM	0 - 5,800
	Impact Energy (ft./lbs.)	2.2
	Maximum Capacities (in.)	
	Concrete	1'
	Concrete-Thin Wall Core Bit	2-5/8'
	Steel	1/2'
	Wood	3/4"-1'
	Optimal Concrete Capacity Ra	nge (in.)
		3/16" - 5/8'
	Length (in.)	14-3/4"
	Weight (lbs.)	6.4

#### Includes

Auxiliary Handle	2 602 025 141
Depth Gauge	1613001010
Carrying Case	Included



#### 11255VSR

1" SDS-plus® Bulldog™ Xtreme Rotary Hammer





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#### **Features**

- 7.2 Amp; 0-1,300 RPM; 0-5,800 BPM
- HammerHook™ allows quick tool storage during the job.
- Multi-function Selector 3 modes of operation, rotation only, rotary hammer and hammeronly mode
- Vario-Lock™ Positioning Rotates and locks chisel into 36 different positions to optimize working angle
- Patented Rotating Brush Plate Provides equal power in forward and reverse
- Patented Cord Turret 35° pivot for added flexibility and longer cord life
- SDS-plus® Bit System Tool-free bit changes with automatic bit locking, dust protection and maximum impact energy transfer rate
- Variable-speed Reversing Trigger For accurate bit starting as well as removing fasteners or bound bits
- · D-Handle design Ideal for overhead and downward drilling applications
- · Integral Clutch Helps minimize torque reaction

#### **Specifications**

•	
Rating	120V
Amperage	7.2
No Load RPM	0 - 1,300
No Load BPM	0 - 5,800
Impact Energy (ft./lbs.)	2.2
Maximum Capacities (in.)	
Concrete	1'
Concrete-Thin Wall Core Bit	2-5/8'
Steel	1/2'
Wood	3/4"-1'
Optimal Concrete Capacity Ra	nge (in.)
	3/16" - 5/8'
Length (in.)	17-1/4'
Weight (lbs.)	6.7

#### Includes

Auxiliary Handle	2	602	025	141
Depth Gauge	1	613	001	010
Carrying Case		اا	nclu	dec



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# Rotary **Hammers**

#### **Specifications**

	•	
	Rating	120V
	Amperage	7.2
	No Load RPM	0-1,050
	No Load BPM	0-4,000
	Impact Energy (ft./lbs.)	2.4
	Maximum Capacities (in.)	
	Concrete	1"
	Concrete-Thin Wall Core Bit	3'
	Steel	7/8"
	Wood	1'
	Optimal Concrete Capacity Rai	nge (in.)
		3/16"-3/4"
	Length (in.)	12.9'
	Weight (lbs.)	7.8

#### Includes

Auxiliary Handle	2	602	025	112
Depth Gauge	1	613	001	003
Carrying Case	2	605	438	482



#### **Features**

- SDS-plus® bit system Tool-free bit changes with automatic bit locking, dust protection and maximum impact energy transfer rate
- Variable speed 3 finger trigger Better operator control and accurate bit starting
- Dual mode selector 2 modes of operation, rotation only and rotary hammer mode
- Innovative service modules Designed so a qualified service technician can quickly replace the brushes and cord
- Padded rear handle Absorbs shock for operator comfort
- 360° Auxiliary handle with built-in depth gauge - Wide range of movement along with consistent drilling depth
- Integral clutch Helps minimize torque reaction

#### 11239VS

1" SDS-plus® Rotary Hammer



#### **Specifications**

•	
Rating	120V
Amperage	7.5
No Load RPM	0-850
No Load BPM	0-3,900
Impact Energy (ft./lbs.)	2.6
Maximum Capacities (in.)	
Concrete	1-1/8"
Concrete-Thin Wall Core Bit	3"
Steel	1"
Wood	1-1/4"
Optimal Concrete Capacity Ran	ge (in.)
	1/4"-7/8"
Length (in.)	15-1/4"
Weight (lbs.)	9.3

#### Includes

Auxiliary Handle	2	602	025	0//
Depth Gauge	1	613	001	003
Carrying Case	2	605	438	389



#### **Features**

- SDS-plus® bit system Tool-free bit changes with automatic bit locking, dust protection and maximum impact energy transfer rate
- Multi-function selector 3 modes of operation, rotation only, rotary hammer and hammer only mode
- Variable speed 3 finger trigger Better operator control and accurate bit starting
- Vario-Lock™ positioning Rotates and locks chisel into 36 different positions to optimize working angle
- Padded rear handle Absorbs shock for operator comfort
- 360° Auxiliary handle with built-in depth gauge - Wide range of movement along with consistent drilling depth
- · Integral clutch Helps minimize torque reaction

#### 11236VS

1-1/8" SDS-plus® Rotary Hammer









#### **Specifications**

Rating	120V
Amperage	7.8
No Load RPM	300-700
No Load BPM	1,650-3,900
Impact Energy (ft./lbs.)	2.6
Maximum Capacities (in.)	
Concrete	1-1/8"
Concrete-Thin Wall Core Bit	3"
Steel	1/2"
Wood	1-1/4"
Optimal Concrete Capacity Ra	ange (in.)
	1/4"-7/8"
Length (in.)	15-1/4"
Weight (lbs.)	10.1

#### Includes

Auxiliary Handle	2	602	025	077
Depth Gauge	1	613	001	003
Carrying Caco	2	605	138	376

#### **Features**

- SDS-plus® bit system Tool-free bit changes with automatic bit locking, dust protection and maximum impact energy transfer rate
- Multi-function selector 3 modes of operation, rotation only, rotary hammer and hammer only mode
- Variable-speed dial For accurate bit starting and controlled chipping applications
- Constant-Response™ Circuitry Provides soft-start, maintains constant speed under load, provides overload protection
- Service Minder™ light Indicates when preventative maintenance is required
- Vario-Lock™ positioning Rotates and locks chisel into 36 different positions to optimize working angle
- Padded rear handle Absorbs shock for comfort
- 360° Auxiliary handle Provides a wide range of movement along with operator comfort
- Integral clutch Helps minimize torque reaction

#### 11222EVSG also features

- Grounded feature designed for the pest control industry
- The best speed for the diameter of bits used by the pest control industry

#### 11222EVS(G)

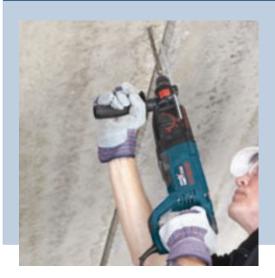
1-1/8" SDS-plus® Rotary Hammer











# **BULLD**

# The World's Best Selling **Rotary Hammers**

The Bulldog<sup>™</sup> series of hammers are well recognized by professionals worldwide. Their aggressive performance in concrete combined with versatile features such as stop rotation (models 11221DVS, 11224VSR, 11224VSRC, 11253VSR and 11255VSR) for light chipping has set the Bulldog™ apart from other hammers over the past 20 years.

#### 11221DVS

7/8" SDS-plus® Rotary Hammer







#### **Features**

- SDS-plus® bit system Tool-free bit changes with automatic bit locking, dust protection and maximum impact energy transfer rate
- · Multi-function selector 3 modes of operation, rotation only, rotary hammer and hammer only mode
- Variable-speed reversing trigger For accurate bit starting, as well as removing fasteners or bound bits
- Constant-Response™ Circuitry Provides soft-start, maintains constant speed under load, provides overload protection
- Vario-Lock™ positioning Rotates and locks chisel into 36 different positions to optimize
- 360° Auxiliary handle with built-in depth gauge
- · Integral clutch Helps minimize torque reaction

#### **Specifications**

Rating	120V
Amperage	6.9
No Load RPM	0-1,040
No Load BPM	0-5,750
Impact Energy (ft./lbs.)	1.6
Maximum Capacities (in.)	
Concrete	7/8"
Concrete-Thin Wall Core E	3it 2-1/2"
Steel	1/2"
Wood	1"
Optimal Concrete Capacity I	Range (in.)
	3/16"-5/8"
Length (in.)	16-1/2"
Weight (lbs.)	8.5

#### Includes

Auxiliary Handle	2 602 025 118
Depth Gauge	Integrated
Dust Extraction Fixture	1618 190 006
Hose (23" length)	2 600 712 002
Adapter for Paper Dust Bags	2 607 000 178
Cloth Bag Assembly	2 605 411 044
Carrying Case	2 605 438 126



#### 11224VSR

7/8" SDS-plus® Bulldog™ Rotary Hammer







#### **Features**

- SDS-plus® bit system Tool-free bit changes with automatic bit locking, dust protection and maximum impact energy transfer rate
- Multi-function selector 3 modes of operation, rotation only, rotary hammer and hammer only mode
- · Variable-speed reversing trigger For accurate bit starting, as well as removing fasteners or
- Vario-Lock<sup>™</sup> positioning Rotates and locks chisel into 36 different positions to optimize working angle
- D-handle design For extra control, ideal for overhead and downward drilling applications
- 360° Auxiliary handle with built-in depth gauge - Wide range of movement along with consistent drilling depth
- · Integral clutch Helps minimize torque reaction

#### **Specifications**

Rating	120V
Amperage	6.9
No Load RPM	0-1100
No Load BPM	0-6,150
Impact Energy (ft./lbs.)	1.6
Maximum Capacities (in.)	
Concrete	7/8"
Concrete-Thin Wall Core Bit	2-1/2"
Steel	1/2"
Wood	1"
Optimal Concrete Capacity Ra	nge (in.)
	3/16" - 5/8"
Length (in.)	17-1/2"
Weight (lbs.)	6.5

#### Includes

Auxiliary Handle	2	602	025	118
Depth Gauge	1	613	001	010
Carrying Case	2	610	994	810



# Rotary/Chipping/Combination Hammers

#### **Specifications**

•	
Rating	120V
Amperage	6.9
No Load RPM	0-1,100
No Load BPM	0-6,150
Impact Energy (ft./lbs.)	1.6
Maximum Capacities (in.)	
Concrete	7/8"
Concrete-Thin Wall Core Bit	2-1/2"
Steel	1/2"
Wood	1"
Optimal Concrete Capacity Ra	nge (in.)
	3/16" - 5/8"
Length (in.)	17-1/2"
Weight (lbs.)	6.5

#### Includes

Auxiliary Handle	2	602	025	070
Depth Gauge	1	613	001	010
3-Jaw ClicLoc™ Chuck	1	618	572	000
SDS-plus® ClicLoc™ Chuck	1	618	573	000
Carrying Case	2	610	994	810



#### **Features**

- SDS-plus® bit system Tool-free bit changes with automatic bit locking, dust protection and maximum impact energy transfer rate
- ClicLoc™ Chuck Change System Easily remove the SDS-plus® bit holder and snap on the included keyless carbide-tipped 3-jaw chuck
- Multi-function selector 3 modes of operation, rotation only, rotary hammer and hammer only mode
- Variable-speed reversing trigger For accurate bit starting, as well as removing fasteners or bound bits
- Vario-Lock™ positioning Rotates and locks chisel into 36 different positions to optimize working angle
- D-handle design For extra control, ideal for overhead and downward drilling applications
- 360° Auxiliary handle with built-in depth gauge - Wide range of movement along with consistent drilling depth
- · Integral clutch Helps minimize torque reaction

#### 11224VSRC

7/8" SDS-plus® Bulldog™ Rotary Hammer with ClicLoc™









#### **Specifications**

Rating	120V
Amperage	6.5
No Load BPM	0 - 3,500
Impact Energy (ft./lbs.)	3.2
Length (in.)	15"
Weight (lbs.)	7.9

#### Includes

Auxiliary Handle	1	610	025	050
Auxilial y Hallule	Τ	OTZ	023	UUU
Viper Flat Chisel	2	608	692	928
Tile Chisel	2	608	682	973
Carrying Case	2	605	438	294

#### **Features**

- Powerful 6.5 Amp Motor For highest removal rate in its class
- Specially-designed Impact Mechanism Smooth change between no-load and hammering modes. Superior tool control for easier positioning and precision chiseling.
- SDS-plus® Bit System Tool-free bit changes with auto bit locking, dust protection and maximum impact energy transfer. Eliminates problems associated with proprietary types of steel.
- Next-Generation SDS-plus® Bit Holder For extended lifetime
- Variable-speed Trigger Switch with Recessed Lock-On Button - For exact adjustment of impact force, comfort and less fatigue.
- Soft Start Smooth change from no-load into hammering mode.
- Soft-Grip Handle Absorbs shock and vibration for operator comfort and less fatigue.
- Light Weight Highest power-to-weight ratio in its class
- Vario-Lock™ positioning Bit can be angled in any of 12 positions
- Oil Lubrication For good cold-start and excellent lubrication in all working positions
- Innovative Service Modules Designed so a qualified service technician can quickly replace the brushes and cord

#### 11320VS

SDS-plus® Chipping Hammer







#### Specifications

Rating	120V
Amperage	10
No Load RPM	400
No Load BPM	3,000
Impact Energy (ft./lbs.)	5.2
Maximum Capacities (in.)	
Concrete	1-9/16"
Concrete-Thru Hole Bit	2-1/2"
Concrete-Core Bit	4"
Optimal Concrete Capacity	Range (in.)
	1/2" - 1-3/8"
Length (in.)	17.25"
Weight (lbs.)	13.2

e pages 44-47, 203-208 for

SDS-plus® accessories

#### Includes

Auxiliary Handle	1	612	025	055
Carrying Case	3	605	438	536



#### **Features**

- SDS-max® bit system Tool-free bit changes with automatic bit locking, dust protection and maximum impact energy transfer rate
- "Combination" dual mode selector 2 modes of operation, rotary hammer and hammer only mode
- Vario-Lock™ positioning Rotates and locks chisel into 12 different positions to optimize working angle
- Innovative service modules Designed so a qualified service technician can quickly replace the brushes and cord
- 360° Auxiliary handle Provides a wide range of movement along with operator comfort
- Integral clutch Helps minimize torque reaction

11240 1-9/16" SDS-max® Combination Hammer





### Combination/Rotary Hammers

#### 11241EVS

1-9/16" SDS-max® Combination Hammer





#### **Features**

- SDS-max® bit system Tool-free bit changes with automatic bit locking, dust protection and maximum impact energy transfer rate
- "Combination" dual mode selector 2 modes of operation, rotary hammer and hammer only mode
- Auto-Max® dial Variable speed dial designed to automatically insure the maximum speed and power every time the tool is plugged in
- Constant-Response™ Circuitry Provides soft-start, maintains constant speed under load, provides overload protection
- Turbo™ Power Delivers 20% more power in hammer only mode
- Service Minder™ light Indicates when preventative maintenance is required
- Power light Ensures operator that power feed is live
- Vario-Lock™ positioning Service modules or brushes and cord
- Innovative service modules Designed so a qualified service technician can quickly replace the brushes and cord
- Vibration dampening handle Reduces vibration up to 40%, providing uncompromising user comfort for extended periods of work
- Patented cord turret Provides added flexibility and reduces cord wear
- 360° Auxiliary handle Provides a wide range of movement along with operator comfort
- · Integral clutch Helps minimize torque reaction

#### Specifications

120V
11
170-340
1,700-3,300
6.2
7.4
1-9/16"
2-1/2"
4"
ange (in.)
1/2" - 1-3/8"
17.25"
14

#### Includes

Auxiliary Handle	1	612	025	055
Carrying Case	3	605	438	536



#### 11263EVS

1-3/4" SDS-max® Rotary Hammer



#### **Features**

- SDS-max® bit system Tool-free bit changes with automatic bit locking, dust protection and maximum impact energy transfer rate
- "Combination" dual mode selector 2 modes of operation, rotary hammer and hammer only mode
- Variable speed dial For accurate bit starting and controlled chipping applications
   Constant Response™ circuitry - Provides
- Constant Response™ circuitry Provides soft-start, maintains constant speed under load, provides overload protection
- Turbo™ Power Feature Delivers 20% more power in hammer only mode
- Service Minder™ light Indicates when preventative maintenance is required
- Vario-Lock™ positioning Rotates and locks chisel into 12 different positions to optimize working angle
- Soft grip rear handle Absorbs shock and vibration for operator comfort and less fatigue
- 360° Auxiliary handle Provides a wide range of movement along with operator comfort

#### **Specifications**

Rating	120V
Amperage	13.5
No Load RPM	145-280
No Load BPM	1,350-2,800
Impact Energy (ft./lbs.)	
Rotary Hammer Mode	9.6
Turbo™	11.1
Maximum Capacities (in.)	
Concrete	1-3/4"
Concrete-Thru Hole Bit	3-1/8"
Concrete-Core Bit	6"
Optimal Concrete Capacity	Range (in.)
	5/8" - 1-9/16"
Length (in.)	21.0"
Weight (lbs.)	17.9

#### Includes

Auxiliary Handle	2	602	025	10
Carrying Case	3	605	438	39



#### 11245EVS

2" SDS-max® Combination Hammer



Carrying Case Included

#### **Features**

- SDS-max® bit system Tool-free bit changes with automatic bit locking, dust protection and maximum impact energy transfer rate
- "Combination" dual mode selector 2 modes of operation, rotary hammer and hammer only mode
- Variable-speed dial For accurate bit starting and controlled chipping applications
- Constant-Response<sup>™</sup> Circuitry Provides soft-start, maintains constant speed under load, provides overload protection
- Service Minder™ light Indicates when preventative maintenance is required
- Vario-Lock™ positioning Rotates and locks chisel into 12 different positions to optimize working angle
- Padded rear handle Absorbs shock for operator comfort
- 360° Auxiliary handle Provides a wide range of movement along with operator comfort
- · Integral clutch Helps minimize torque reaction

#### **Specifications**

Rating	120V
Amperage	14.0
No Load RPM	120-250
No Load BPM	1,100-2,500
Impact Energy (ft./lbs.)	13.3 ft. lbs.
Maximum Capacities (in.)	
Concrete	2"
Concrete-Thru Hole Bit	3-1/8"
Concrete-Core Bit	6"
Optimal Concrete Capacity F	Range (in.)
	3/4"-1-3/4"
Length (in.)	23.5"
Weight (lbs.)	24.5

#### Includes

Auxiliary Handle	2	602	025	086
Carrying Case				



# Demolition Hammers

#### **Specifications**

Rating	120V
Amperage	10
No Load BPM	2,800
Impact Energy (ft./lbs.)	5.9
Length (in.)	17.5"
Weight (lbs.)	11.6

#### Includes

Auxiliary Handle	1	612	025	055
Carrying Case	3	605	438	534



#### **Features**

- SDS-max® bit system Tool-free bit changes with automatic bit locking, dust protection and maximum impact energy transfer rate
- Vario-Lock™ positioning Rotates and locks chisel into 12 different positions to optimize working angle
- 360° Auxiliary handle Provides a wide range of movement along with operator comfort
- Innovative service modules Designed so a qualified service technician can quickly replace the brushes and cord

#### 11388

SDS-max® Demolition Hammer



#### **Specifications**

Rating	120V
Amperage	11
No Load BPM	1,300-3,300
Impact Energy (ft./lbs.)	8.8
Length (in.)	17.75"
Weight (lbs.)	12.5

#### Includes

Auxiliary Handle	1	612	025	055
Carrying Case	3	605	938	534

#### **Features**

- SDS-max® bit system Tool-free bit changes with automatic bit locking, dust protection and maximum impact energy transfer rate
- Auto-Max® dial Variable speed dial designed to automatically insure the maximum speed and power every time the tool is plugged in
- Constant Response™ circuitry Provides softstart, maintains constant speed under load, provides overload protection
- Service Minder™ light Indicates when preventative maintenance is required
- Power light ensures operator that power feed is live
- Vario-Lock™ positioning Rotates and locks chisel into 12 different positions to optimize working angle
- Innovative service modules Designed so a qualified service technician can quickly replace the brushes and cord
- Vibration dampening handle Reduces vibration up to 40%, providing uncompromising user comfort for extended periods of work
- Patented cord turret Provides added flexibility and reduces cord wear
- 360° Auxiliary handle Provides a wide range of movement along with operator comfort

#### 11318EVS

SDS-max® Demolition Hammer





#### **Specifications**

Rating	120V
Amperage	14.0
No Load BPM	900-1,890
Impact Energy (ft./lbs.)	4.4-18.4
Length (in.)	22.5"
Weight (lbs.)	22.5

See pages 47-50, 52 for

SDS-max® accessories.

#### Includes

Auxiliary Handle	2	602	025	076
Carrying Case		605		

#### **Features**

- SDS-max® bit system Tool-free bit changes with automatic bit locking, dust protection and maximum impact energy transfer rate
- Variable-speed dial For controlled chipping applications
- Constant Response™ circuitry Provides soft-start, maintains constant speed under load, provides overload protection
- Service Minder™ light Indicates when preventative maintenance is required
- Vario-Lock™ positioning Rotates and locks chisel into 12 different positions to optimize working angle
- Padded rear handle Absorbs shock for operator comfort
- 360° Auxiliary handle provides a wide range of movement along with operator comfort

# 11316EVS

SDS-max® Demolition Hammer







### Combination/Demolition Hammers

#### 11247

1-9/16" Spline Combination Hammer



#### **Features**

- Spline/round hex bit system Tool-free bit changes, with automatic bit locking
- "Combination" dual mode selector 2 modes of operation, rotary hammer and hammer only mode
- Vario-Lock™ positioning Rotates and locks chisel into 12 different positions to optimize working angle
- Innovative service modules Designed so a qualified service technician can quickly replace the brushes and cord
- 360° Auxiliary handle Provides a wide range of movement along with operator comfort
- Integral clutch Helps minimize torque reaction

#### **Specifications**

Rating	120V
Amperage	10
No Load RPM	400
No Load BPM	3000
Impact Energy (ft./lbs.)	5.2
Maximum Capacities (in.)	
Concrete	1-9/16"
Concrete-Thru Hole Bit	2-1/2"
Concrete-Core Bit	4"
Optimal Concrete Capacity Ran	
1,	/2" - 1-3/8"
Length (in.)	17.25"

# Weight (lbs.)

Auxiliary	Hand	le	 	1	612	025	055
Carrying	Case		 	3	605	438	536

13.6



#### Carrying Case Included

#### 11248EVS

1-9/16" Spline Combination Hammer





#### **Features**

- Spline/round hex bit system Tool-free bit changes, with automatic bit locking
- Auto-Max® dial Variable speed dial designed to automatically insure the maximum speed and power every time the tool is plugged in
- Constant Response™ Circuitry Provides soft-start, maintains constant speed under load, provides overload protection
- "Combination" dual mode selector 2 modes of operation, rotary hammer and hammer only mode
- Turbo™ Power Delivers 20% more power in hammer only mode
- Service Minder™ light Indicates when preventative maintenance is required
- Power light Ensures operator that power feed is on
- Vario-Lock™ positioning rotates and locks chisel into 12 different positions to optimize working
   Designed so a qualified service technician can quickly replace the brushes and cord - Provides added flexibility and reduces cord wear.
- Vibration dampening handle Reduces vibration up to 40%, providing uncompromising user comfort for extended periods of work

#### Specifications

opecinications	
Rating	120V
Amperage	11
No Load RPM	170-340
No Load BPM	1,700-3,300
Impact Energy (ft./lbs.)	
Rotary Hammer Mode	6.2
Turbo™	7.4
Maximum Capacities (in.)	
Concrete	1-9/16"
Concrete-Thru Hole Bit	2-1/2"
Concrete-Core Bit	4"
Optimal Concrete Capacity F	Range (in.)
	1/2" - 1-3/8"
Length (in.)	18"
Weight (lbs.)	14.4

#### Includes

Auxiliary Handle	1	612	025	055
Plastic Case	3	605	438	536



#### 11387

Round Hex Demolition Hammer



#### **Features**

- Round hex tool holder Tool-free demolition steel changes, with automatic locking
- Vario-Lock™ positioning Rotates and locks chisel into 12 different positions to optimize working angle
- 360° Auxiliary handle Provides a wide range of movement along with operator comfort
- Innovative service modules Designed so a qualified service technician can quickly replace the brushes and cord

#### Specifications

•	
Rating	120V
Amperage	10
No Load BPM	2,800
Impact Energy (ft./lbs.)	5.9
Length (in.)	17.5"
Weight (lhs )	12

#### Includes

Auxiliary Handle	1	612	025	055
Carrying Case	3	605	438	534



Toll Free: 877-BOSCH-99

# Demolition/Breaker Hammers

#### **Specifications**

Rating	120V
Amperage	12.8
No Load BPM	850 - 1,800
Impact Energy (ft./lbs.)	4.0-16.5
Length (in.)	22.0"
Weight (lbs.)	22.0

#### Includes

Auxiliary Handle	2	602	025	076
Carrying Case	2	605	438	297



#### **Features**

- · 3/4" hex tool holder
- · Variable speed dial For controlled chipping applications
- Constant Response™ circuitry Provides soft-start, maintains constant speed under load, provides overload protection
- · Service Minder™ light Indicates when preventative maintenance is required
- Padded rear handle Absorbs shock for operator comfort
- 360° Auxiliary handle Provides a wide range of movement along with operator comfort

# 11317EVS 3/4" Hex Demolition Hammer Carrying Case

#### **Specifications**

Rating	120V
Amperage	15
No Load BPM	1,300
Impact Energy (ft./lbs.)	34
Length (in.)	30"
Weight (lbs.)	38

#### Includes

Pointed Chisel (400 mm)	HS2861
Articulating Auxiliary Handle	eIncluded
Carrying Case with Wheels	2 605 438 628

**Features** 

- 15.0 Amps; 1300 BPM
- Impact force of 34 ft-lbs and powerful 1750 W motor - Fastest removal rate in its class
- Vibration Reducing Handle Shock absorbing top handle reduces vibration by up to 40% vs. the competition
- · In-Line Design Ultimate tool balance with multiple grip positions for maximum performance in angled, horizontal, and vertical applications
- Large Main handle Increased control and handling
- Well Positioned lock on switch Eliminates unintentional shut off.
- 360° Articulating Auxiliary Handle Provides a wide range of movement along with operator comfort
- 2-Way Tool Retainer Accepts standard 1-1/8" (28mm) hex, air tool steel with retaining collar or Bosch internal locking combo steel.











**Highest Removal Rate** in its Class



**Lasts 2 Times Longer than** the Closest Competitor



**Active Vibration Control™ Reduces Vibration by 40%** 

### **MEET JACK**

The Newest Member of the Legendary Bosch Wrecking Crew





#### 11304(K)

Brute™ Breaker Hammer



Hammer Hauler

#### **Features**

- The plug-in anywhere hammer Does not need a compressor
- Total portability Operates on 115/120V AC/DC, 15 amp outlet or 2500 watt portable generator
- Service Minder™ brush system Shuts the Brute™ off when brush replacement, lubrication or preventive maintenance is needed
- Grease packed gear box and hammer mechanism
   Eliminates uncertainty of job site lubrication
- Shock mounted handles Absorb vibration to reduce operator fatigue

#### 113304K

#### Hammer Hauler Cart

- 8" Diameter semi-pneumatic, ball bearing wheels - Easy rolling over rough job sites
- Rugged 1" diameter all welded steel frame, plus heavy-duty rubber tie-down - For convenient storage and easy transportation
- 4 Sockets Holds any 1-1/8" hex collar insert tools

#### 2-Way Tool Retainer

Two-way insert tool retainer accepts standard 1-1/8" hex, air tool steel with retaining collar or Bosch internal locking combo steel.



Up for combo steel.



Down for air tool steel.

#### **Specifications**

Rating	115/120V AC/DC
Amperage	15.0
No Load BPM	1400
Impact Energy (ft./lbs.)	43
Length (in.)	29-3/4"
Weight (lbs.)	64

#### 11304K Includes

Breaker Hammer	11304
Moil Points (2)	HS2161
Narrow Chisels (2)	HS2163
Hammer Hauler Cart	T1657

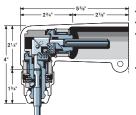


# The Plug-In-Anywhere Brute<sup>™</sup> Breaker Hammer

A legend for more than 20 years, the Brute<sup>™</sup> continues to perform through any working condition. A favorite among the rental industry for its long-term sustained durability and minimal down time, the Brute<sup>™</sup> breaker is always at home on the jobsite.



# Hammer Attachments



- · Remove side handle to attach
- Tool length increases by 2-3/4"
- Tool length is offset by less than the shank insertion depth into the bit holder
- Impact strength is reduced by approximately 40%

#### 1 618 580 000 SDS-plus® Right Angle Attachment

Angle drill head for effortlessly drilling concrete in hard to reach spots. Pivots through 360° ensuring correct positioning for any application.

 For SDS-plus® Rotary Hammer Item #s 11224VSR/VSRC, 11250VSR



SDS-plus® is a registered trademark of Robert Bosch GmbH.

#### 1 618 571 014 Chuck With Integral SDS-plus® Shank

- 1/2" capacity chuck with integral SDS-plus® shank.
- Use for straight shank drill bits.
- · For wood, metal and fastening.
- · Can be used in the drill only mode.
- For all Bosch SDS-plus® Rotary Hammers.



Item #	Description		
1 610 508 015	Replacement Dust Boot		
CRK005	Replacement Chuck Key		

# 1 618 190 006 Dust Extraction Fixture

 Attaches to tool and vacuum cleaner hose to provide excellent dust collection when drilling in dust-sensitive areas, such as computer rooms and medical facilities



- For use with bits up to 3/4" in diameter (depending on tool's bit capacity) for extracting fine dust
- Built-in depth gauge and adjustable depth limiter
- Easy attachment to compatible tools and auxiliary handles (see Dust Extraction Compatibility Charts)
- Includes Dust Cover 1 610 591 006
- Does not fit Item # 11239VS

Item #	Description
VAC001	15' Vacuum Hose (Fixture to Vacuum)
1 610 591 006	Replacement Dust Cover

#### 1 618 190 009 Dust Extraction Fixture

- Attaches to tool and vacuum cleaner hose to provide excellent dust collection when drilling in dust-sensitive areas, such as computer rooms and medical facilities
- For use with bits up to 1-9/16" in diameter (depending on tool's bit capacity) for extracting fine dust, wood or metal drilling debris
- · Built-in depth gauge and adjustable depth limiter
- Easy attachment to compatible tools and auxiliary handles (see Dust Extraction Compatibility Charts)
- Includes Dust Cover 1 615 502 004
- · Does not fit Item # 11239VS

Item #	Description
VAC001	15' Vacuum Hose (Fixture to Vacuum)
VAC002	Connects 1-1/4" or 1" hoses to tools that have
	ports for 35mm hoses
VAC009	Anti-static 19mm 3-meter (9.85-ft. locking hose)
VAC010	Anti-static 19mm 5-meter (16.4-ft. locking hose)
1 610 502 004	Replacement Dust Cover

#### 2 607 018 296 SDS-plus® Chipping Adapter

· For SDS-plus® Rotary Hammer

Item #s 11225VSR, 11225VSRH and 11250VSR.





### **Hammer** Drill Bits



#### **BIUFGRANITE**



#### Blue Granite™ Carbide Hammer Drill Bit Sets

Fast impact drilling in concrete, stone and masonry. Low voltage, high temperature brazing prevents carbide cutting edge from breaking out even when heat builds up during deep drilling. Various usable lengths up to 10".

- Milled u-flute and deep-cut spiral single-flute designs combined with a diamond ground carbide tip to provide fast removal of drilling dust
- Perfect "on-center" diamond tip grinding for fast starts and drilling
- · Inductive hardening process provides a softer shank for better gripping power

Item #	Description	Sizes
HCBG500	5 pc. Industrial Hammer Drill Bit Starter Set	1/8" x 2" x 3"; 3/16" x 4" x 6"; 1/4" x 4" x 6"; 5/16" x 4" x 6"; and 3/8" x 4" x 6"
HCBG600T	6 pc. Industrial Hammer Drill Bit Tapcon® Set	3 ea. of 5/32" x 4" x 6" and 3/16" x 4" x 6"
HCBG700	7 pc. Industrial Hammer Drill Bit Set	One 1/8" x 2" x 3", Two 5/32" x 3" x 6", Two 3/16" x 4" x 6", One 1/4" x 4" x 6", One 3/8 x 4" x 6"
HCBG800	8 pc. Industrial Hammer Drill Bit Master Set	One 3/16" x 4" x 6", Two 1/4" x 4" x 6", One 5/16" x 4" x 6", Two 3/8" x 4" x 6", One 1/2" x 4" x 6" and One 5/8" x 4" x 6"



#### Blue Granite™ Carbide Hammer Drill Bits

Item #	Diameter	Usable Length	Overall Length	Quantity
HCBG01	1/8"	2"	3"	1
HCBG0105	1/8"	2"	3"	5
HCBG01B25	1/8"	2"	3"	25
HCBG02	5/32"	4"	6"	1
HCBG0205	5/32"	4"	6"	5
HCBG02B25	5/32"	4"	6"	25
HCBG03	3/16"	2"	3"	1
HCBG0305	3/16"	2"	3"	5
HCBG03B25	3/16"	2"	3"	25
HCBG04	3/16"	4"	6"	1
HCBG0405	3/16"	4"	6"	5
HCBG04B25	3/16"	4"	6"	25
HCBG05	7/32"	4"	6"	1
HCBG0505	7/32"	4"	6"	5
HCBG05B25	7/32"	4"	6"	25
HCBG06	1/4"	4"	6"	1
HCBG0605	1/4"	4"	6"	5
HCBG06B25	1/4"	4"	6"	25
HCBG07	1/4"	6"	8"	1
HCBG08	1/4"	10"	12"	1
HCBG09	5/16"	4"	6"	1
HCBG0905	5/16"	4"	6"	5
HCBG09B25	5/16"	4"	6"	25
HCBG10	5/16"	7-1/2"	10"	1
HCBG11	5/16"	10"	12"	1
HCBG12	3/8"	4"	6"	1
HCBG1205	3/8"	4"	6"	5
HCBG12B25	3/8"	4"	6"	25
HCBG13	3/8"	8"	10"	1
HCBG14	3/8"	10"	12"	1
HCBG15	7/16"	4"	6"	1
HCBG1505	7/16"	4"	6"	5
HCBG15B25	7/16"	4"	6"	25
HCBG16	1/2"	4"	6"	1
HCBG1605	1/2"	4"	6"	5
HCBG16B25	1/2"	4"	6"	25
HCBG17	1/2"	8"	10"	1
HCBG18	1/2"	10"	12"	1
HCBG19	9/16"	7-1/2"	10"	1
HCBG20	5/8"	4"	6"	1
HCBG2005	5/8"	4"	6"	5
HCBG20B25	5/8"	4"	6"	25
HCBG21	5/8"	10"	12"	1
HCBG22	3/4"	4"	6"	1
HCBG23	3/4"	10"	12"	1
HCBG24	7/8"	4"	6"	1
HCBG25	7/8"	10"	12"	1
HCBG26	1"	4"	6"	1
HCBG27	1"	10"	12"	1

# SDS-plus® Hammer Carbide





One 1/2" x 4" x 6", and One 5/8" x 4" x 6"

#### **Anchor Drive Installation Kit**

SDS-plus® shank bits for use with Tapcon® / Condrive systems. Hex drive on bit

+ 1/4" hex shoulder for drive sleeve used to set masonry screws

Item #	Description
HC2309	9 pc. anchor drive installation kit—5/32" x 7" and 3/16" x 7"  Tapcon® hex bits, #2 & #3 Phillips® insert bits, bit holder, 5-3/4"  sleeve, 1/4" & 5/16" sockets and Allen® wrench

Tapcon® is a registered trademark of Illinois Tool Works. SDS-plus® is a registered trademark of Robert Bosch GmbH. Allen® is a registered trademark of Industrial Fasteners Inc. Phillips® is a registered trademark of Phillips Screw Co.

# SDS-plus® Spade Chisel Works Longer, Faster And Sharper: The New SDS-plus® Spade Chisels.

With a Double-Length spade, Bosch has considerably extended the service life of the spade chisel. The material removal rate has also been significantly increased. The chisel is self-sharpening due to the flat shape of its spade, meaning no downtime from time-consuming and tedious resharpening of the chisel.

in narrow spaces

#### **Self-sharpening**

• Flat shape of the spade



Optimized Total Length

• Considerably improved handling

30% Higher Removal Rate









HS1470

HS1472



HCK001

#### SDS-plus® Hammer Steel

**Bracing Ribs** 

Bosch offers a full assortment of SDS-plus® hammer steel points and chisels.

- HS1470 is the new long life SDS-plus® Viper flat chisel featuring an innovative cutting chisel that further disperses the energy of each impact. 30% longer service life and 15% higher material removal
- HS1472 is the new long life SDS-plus® pointed chisel. 30% longer service life and 15% higher material removal
- HS1465 is the new SDS-plus® tile chisel which allows removal of tiles at a
  faster rate and with much less effort. Bosch's new tile chisel removes material
  up to 40% quicker than conventional tile chisels. Ideal for smaller grout joints
  and specially shaped for prying and removing tiles in one piece

Item #	Description
HS1415	10" point
HS1420	3/4" x 10" chisel
HS1425* NEW!	1-1/2" x 10" wide chisel <i>self-sharpening</i>
HS1427* NEW!	2-1/2" x 10" wide chisel self-sharpening
HS1430	1/4" x 7" wood chisel
HS1435	1/2" x 7" wood chisel
HS1440	3/4" x 7" wood chisel
HS1445	1" x 7" wood chisel
HS1450	1-1/4" x 7" wood chisel
HS1465	1-1/2" x 10" Tile chisel
HS1470 NEW!	3/4" x 10" Viper flat chisel (long life)
HS1472 NEW!	10" point (long life)
HS1475	10" Gouging chisel
HS1480	8" Carbide tipped point
HS1485	1-1/2" x 5-3/4" Stubby scaling chisel
HS1490	5-3/4" Stubby point
HS1495	3/4" x 5-3/4" Stubby flat chisel
*Available 40, 2007	

SDS-plus® is a registered trademark of Robert Bosch GmbH.
NOTE: Drill bits (or extension + drill bit) in excess of 8" should never exceed 600 RPM.

#### SDS-plus® Rotary Hammer Bit Sets

Bosch SDS-plus® rotary hammer bits feature a patent-pending 4-flute design which provides fast dust removal. The carbide-tipped drill bit heads are harder, tougher and more resistant to extreme loads.

 HCK001 and HCK005 are 7-piece and 5-piece kits, respectively, featuring popular SDS-plus® bits in a rugged index case

Item #	Includes
HCK001	One 3/16" x 2" x 4", One 1/4" x 2" x 4", Two 1/4" x 4" x 6", One 5/16" x 4" x 6", One 3/8" x 4" x 6", and One 1/2" x 4" x 6"
HCK005	One 3/16" x 4" x 6", One 1/4" x 2" x 4", One 1/4" x 4" x 6", One 3/8" x 4" x 6", and One 1/2" x 4" x 6"







# SDS-plus® Wild-Bore™ With Quadro-X™ Rotary Hammer Bits

		Usable	Overall	
Item #	Diameter	Length	Length	Quantity
HC2222	3/4"	6"	8"	1
HC2224	3/4"	10"	12"	1
HC2227	3/4"	16"	18"	1
HC2242	7/8"	6"	8"	1
HC2244	7/8"	10"	12"	1
HC2247	7/8"	16"	18"	1
HC2263	1"	8"	10"	1
HC2267	1"	16"	18"	1
HC2283	1-1/8"	8"	10"	1
HC2287	1-1/8"	16"	18"	1

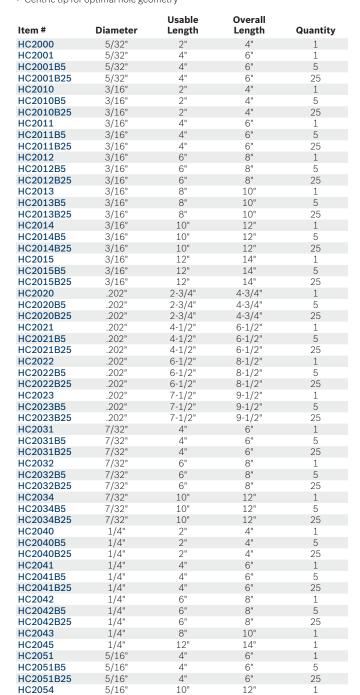




#### SDS-plus® **S4L** Rotary Hammer Bits

15% more life time in concrete (compared to the last version of S4)

- · Optimized brazing and hardening process for top resistance in reinforced concrete
- · Optimized flute design to reduce stress and make the bit run cooler
- · 4-flute design for fast dust removal
- · Centric tip for optimal hole geometry







#### SDS-plus® S4® Rotary Hammer Bits continued

		Usable	Overall	
Item #	Diameter	Length	Length	Quantity
HC2061	3/8"	4"	6"	1
HC2061B5	3/8"	4"	6"	5
HC2061B25	3/8"	4"	6"	25
HC2064	3/8"	10"	12"	1
HC2064B5	3/8"	10"	12"	5
HC2064B25	3/8"	10"	12"	25
HC2067	3/8"	16"	18"	1
HC2068	3/8"	22"	24"	1
HC2071	7/16"	4"	6"	1
HC2074	7/16"	10"	12"	1
HC2081	1/2"	4"	6"	1
HC2081B5	1/2"	4"	6"	5
HC2081B25	1/2"	4"	6"	25
HC2084	1/2"	10"	12"	1
HC2084B5	1/2"	10"	12"	5
HC2084B25	1/2"	10"	12"	25
HC2087	1/2"	16"	18"	1
HC2088	1/2"	22"	24"	1
HC2091	9/16"	4"	6"	1
HC2094	9/16"	10"	12"	1
HC2097	9/16"	16"	18"	1
HC2098	9/16"	23"	28"	1
HC2099	9/16"	31"	36"	1
HC2102	5/8"	6"	8"	1
HC2102B5	5/8"	6"	8"	5
HC2102B25	5/8"	6"	8"	25
HC2104	5/8"	10"	12"	1
HC2107	5/8"	16"	18"	1
HC2108	5/8"	22"	24"	1
HC2112	11/16"	6"	8"	1
HC2122	3/4"	6"	8"	1
HC2124	3/4"	10"	12"	1
HC2127	3/4"	16"	18"	1
HC2128	3/4"	22"	24"	1
HC2137	27/32"	6"	8"	1
HC2142	7/8"	6"	8"	1
HC2144	7/8"	10"	12"	1
HC2147	7/8"	16"	18"	1
HC2163	1"	8"	10"	1
HC2167	1"	16"	18"	1



#### SDS-plus® S4® Tapcon® Hex Rotary Hammer Bits

For use with Tapcon® / Condrive systems. Hex drive on bit fits into driver sleeve.

		Usable	Overall	
Item #	Diameter	Length	Length	Quantity
HC2301	5/32"	3"	6"	1
HC2301B25	5/32"	3"	6"	25
HC2302	5/32"	4"	7"	1
HC2302B25	5/32"	4"	7"	25
HC2310	3/16"	2"	5"	1
HC2310B25	3/16"	2"	5"	25
HC2311	3/16"	3"	6"	1
HC2311B25	3/16"	3"	6"	25
HC2312	3/16"	4"	7"	1
HC2312B25	3/16"	4"	7"	25

Tapcon® is a registered trademark of Illinois Tool Works. SDS-plus® is a registered trademark of Robert Bosch GmbH. NOTE: Drill bits (or extension + drill bit) in excess of 8" should never exceed 600 RPM.





#### SDS-plus® Rotary Hammer Core Bits

Bosch SDS-plus® rotary hammer core bits are designed for core drilling with smaller hammers with a core body length of 4-1/8" and a usable cutting depth of 3"

Core Bit Item #	Bit Diameter	Center Pin Item #	Guide Plate Item #	Shank Item #
T3900	1"	N/A	N/A	4-1/8" shank
T3901	1-1/8"	N/A	N/A	length T3917
T3902	1-1/4"	T3925	T3930	or
T3903	1-3/8"	T3925	T3931	11-7/8" shank
T3904	1-1/2"	T3925	T3932	length T3918
T3905	1-3/4"	T3926	T3933	
T3906	2"	T3926	T3934	4-1/8" shank
T3907	2-1/2"	T3926	T3935	length T3919
T3908	3"	T3926	T3936	or 11-7/8" shank
T3909	3-1/2"	T3926	T3937	length T3920
T3910	4"	T3926	T3938	



# SDS plus

**Core Bit Assembly** 

- (1) Screw core bit onto shank
- (2) Centering pin in hole
- (3) Attach guide plate

### SDS-max® Hammer Carbide



#### **SDS-max® Rotary Hammer Bits**

Bosch carbide rotary hammer bits feature tips that stay sharper longer and deliver more holes within their ANSI specification than competitors' bits. Also, Bosch shafts wear at a much slower rate than most others and can take more abuse because of Bosch's technologically advanced conditioning process.





- Manufactured to ANSI standards, Bosch bits also meet and exceed ISO (International Standards Organization) standards. 98% of the carbide tips are molded to the specific ANSI size. Only 2% (specials) of all bit diameters are ground to size
- SDS-max® rotary hammer bits not only fit Bosch SDS-max® hammers, but also competitive SDS-max® drive hammers and Hilti hammers using TE-Y and TE-FY shanks

Item #	Diameter	Length	Length
HC5005	3/8"	8"	13"
HC5010	1/2"	8"	13"
HC5011	1/2"	16"	21"
HC5012	1/2"	11"	16"
HC5013	1/2"	21"	28"
HC5015	9/16"	8"	13"
HC5016	9/16"	16"	21"
HC5017	9/16"	21"	28"

.. ..

# **₩₩₩**

# SDS-max® Thru-hole Rotary Hammer Bits

One-piece thru-hole bits are designed for fast working without the need to change shanks. The





working without the need to change shanks. The
all-in-one core with SDS-max® shank transmits power directly to the end of the
bit. Additionally, thru-hole bits are economical due to their long life.

Item#	Diameter	Usable Length	Overall Length
HC6501	1-3/4"	18"	24"
HC6511	2-1/8"	18"	24"
HC6521	2-1/2"	18"	24"
HC6531	3-1/8"	18"	24"

SDS-plus® and SDS-max® are registered trademarks of Robert Bosch GmbH. NOTE: Drill bits (or extension + drill bit) in excess of 8" should never exceed 600 RPM.

### **Thru-Hole** Bits

Bosch thru-hole bits are one-piece bits designed for fast working without the need to change shanks. The all-in-one core with SDS-max® or Spline shank transmits power directly to the end of the bit. In addition, thru-hole bits are economical due to their long life (dimensions are nominal).





#### Thru-Hole Bit Features

- Ideal for horizontal drilling applications
- · Drill all the way through material without stopping



# SDS-max® Hammer Carbide

#### Wild-Bore™ with Quadro-X™ Technology Rotary Hammer Bits

Narrow flute back for reduced friction between bit and material

Large flute volume for fast drilling dust transport and less clogging

Updated tip and head design provides 15% faster removal rate and 30% longer life





Main cutter is fully embedded in the drill bit body for top power and impact transmission

Secondary cutters are not connected to the main cutters, eliminating tensioning in carbide, for a longer life

#### Quadro-X™ Enhancements: Under 1"



Shorter head with extended flutes for fast, straight dust transport

# 1" and Larger

Larger Incline for fast drilling dust transport

Smaller Incline for less wear and clean drilling dust removal

**Wild-Bore™** is a specially formulated Tungsten Carbide which provides superior wear resistance in tough applications.

**Quadro-X™** is a patented Four-Cutter tip design that provides optimal performance when drilling larger diameter holes in masonry materials. This aggressive tip design is more effective when hitting rebar.

Wild-Bore™ with Quadro-X™ Technology Rotary Hammer Bits are available in SDS-plus®, SDS-max® and Spline shanks.

#### SDS-max® Core Bits Carbide-Tipped Active Centering Bit (Item# HC88) -**Bosch Core Bits with Wave Design** • Larger, cleaner holes up to 6" in diameter • Used for vertical drilling applications **All-In-One Core** Transmits power directly to the end of the bits **Wave Design** Available in Unique design transfers energy SDS-max<sup>®</sup>shank thru the bit more effectively for up to 40% better drilling performance **Asymmetrical Tooth Design for Fast Cutting Speed** Tungsten carbide teeth for longer

No Wave

Wave

life in tough drilling applications

# 

# SDS-max® Wild-Bore $^{\text{TM}}$ Rotary Hammer Bits with Quadro- $X^{\text{TM}}$ Design



Item#	Diameter	Usable Length	Overall Length
HC5020	5/8"	8"	13"
HC5021	5/8"	16"	21"
HC5022	5/8"	11"	16"
HC5023	5/8"	31"	36"
HC5026	11/16"	16"	21"
HC5030	3/4"	8"	13"
HC5031	3/4"	16"	21"
HC5032	3/4"	11"	16"
HC5033	3/4"	31"	36"
HC5036	13/16"	16"	21"
HC5039	27/32"	16"	21"
HC5040	7/8"	8"	13"
HC5041	7/8"	16"	21"
HC5042	7/8"	11"	16"
HC5050	1"	8"	13"
HC5051	1"	16"	21"
HC5052	1"	11"	16"
HC5053	1"	31"	36"
HC5056	1-1/16"	18"	23"
HC5060	1-1/8"	10"	15"
HC5061	1-1/8"	18"	23"
HC5070	1-1/4"	10"	15"
HC5071	1-1/4"	18"	23"
HC5073	1-1/4"	31"	36"
HC5076	1-5/16"	18"	23"
HC5081	1-3/8"	18"	23"
HC5086	1-7/16"	18"	23"
HC5091	1-1/2"	18"	23"
HC5096	1-9/16"	18"	23"
HC5098	1-3/4"	18"	23"
HC5099	2"	18"	23"





#### **SDS-max® Rotary Hammer Core Bits**

Bosch SDS-max® rotary hammer core bits are carbide tipped with an integral shank for better power transmission. Maximum core size is 4" deep.

Item#	Bit Diameter	Usable Length	Overall Length
HC8501	1-3/4"	7"	12"
HC8506	1-3/4"	17"	22"
HC8510	2"	7"	12"
HC8515	2"	17"	22"
HC8521	2-5/8"	7"	12"
HC8526	2-5/8"	17"	22"
HC8530	3"	7"	12"
HC8531	3-1/4"	7"	12"
HC8536	3-1/4"	17"	22"
HC8540	3-9/16"	7"	12"
HC8545	3-9/16"	17"	22"
HC8550	4"	7"	12"
HC8555	4"	12"	17"
HC8575	5'	17"	22"
HC8595	6"	17"	22"
HC88 Centering Bit & Drif Pin	_	_	5-5/16"

#### SDS-max® R-Tec **How Does R-Tec Work?** The next generation of SDS-max® chisels and points features the innovation you've come to expect from Bosch, the professional's choice in concrete drilling and demolition. Reflection technology is the latest innovation in demolition steel, so Bosch has incorporated its new R-Tec reflection point into each chisel or point. With each beat of the hammer, energy is dispersed. Our new R-Tec reflection element reflects the hammer's energy back into the work material, increasing the rate of removal by 15%. And the R-Tec chisel features a unique cutting head with **R-Tec Chisel Conventional Chisel** extra wedges for increased breakout. Bosch SDS-max® R-Tec The reflection element reflects the chisels and points produce faster results in less time and help energy of the return shock and increase overall jobsite productivity and profitability. converts it into new impact energy. **Star Point Tip Patented** Self Sharpening, less binding **Bosch Marking** SDS-max® Shank **Innovative Reflection Element High-quality Hardened Steel** Can be re-sharpened, re-forged and Increases material removal

provides long service life.

rate by up to 15%.





#### **SDS-max® Hammer Steel**

Bosch offers a full assortment of SDS-max® hammer steel points and chisels.





Item#	Description	Size	Quantity
HS1903	R-Tec flat chisel	1" x 16"	1
HS1903B10	R-Tec flat chisel	1" x 16"	10
HS1904	R-Tec bull point	16"	1
HS1904B10	R-Tec bull point	16"	10
HS1934* NEW!	R-Tec Star Point chisel <i>self-sharpening</i>	16"	1
HS1934B10* NEW	R-Tec Star Point chisel <i>self-sharpening</i>	16"	10
HS1906	Asphalt cutter	5" x 15"	1
HS1909	Bushing tool, one piece	16 tooth head, 1-3/4" square x 9-1/4"	. 1
HS1910	Scaling chisel	3" x 12"	1
HS1911	Flat chisel	1" x 12"	1
HS1911B20	Flat chisel	1" x 12"	20
HS1912	Flat chisel	1" x 18"	1
HS1912B10	Flat chisel	1" x 18"	10
HS1913	Bull point	12"	1
HS1913B20	Bull point	12"	20
HS1914	Bull point	18"	1
HS1914B10	Bull point	18"	10
HS1915 NEW!	Tile chisel	2" x 12"	1
HS1916	Scaling chisel	1-1/2" x 12"	1
HS1917 WWW	Scaling chisel self-sharpening	2" x 14"	1
HS1918	Floor scraper	6" x 25"	1
HS1920	Seam tool	1-1/8" x 15"	1
HS1921	Slotting tool	1-1/8" x 15"	1
HS1922	Clay spade	4-1/2" x 17"	1
HS1924	Ground rod driver	5/8" & 3/4" rods	1
HS1926	Round spade	4-1/2" x 16"	1
HS1927	Tamper plate shank	12"	1
HS1928	Winged channel chisel	1" x 15"	1
HS1929	Gouge	1" x 12"	1
HS1828	Tamper plate	5" x 5"	1
*Available 4Q 2007			

\*Available 4Q 2007

SDS-max® is a registered trademark of Robert Bosch GmbH.

# **Spline** Hammer Carbide



#### **Spline Rotary Hammer Bits**

Bosch spline rotary hammer bits are carbide tipped and fit Bosch as well as other spline hammers.



# Spline Wild-Bore $^{\rm TM}$ Rotary Hammer Bits with Quadro- $\!X^{\rm TM}$ Design



Item#	Bit Diameter	Usable Length	Overall Length
HC4020	5/8"	6"	11"
HC4021	5/8"	11"	16"
HC4022	5/8"	18"	23"
HC4023	5/8"	22"	27"
HC4024	5/8"	31"	36"
HC4026	11/16"	11"	16"
HC4030	3/4"	6"	11"
HC4031	3/4"	11"	16"
HC4032	3/4"	18"	23"
HC4033	3/4"	22"	27"
HC4034	3/4"	31"	36"
HC4039	27/32"	11"	16"
HC4040	7/8"	11"	16"
HC4041	7/8"	18"	23"
HC4050	1"	11"	16"
HC4051	1"	18"	23"
HC4053	1"	31"	36"
HC4060	1-1/8"	11"	16"
HC4061	1-1/8"	18"	23"
HC4070	1-1/4"	11"	16"
HC4071	1-1/4"	18"	23"
HC4073	1-1/4"	31"	36"
HC4081	1-3/8"	18"	23"
HC4091	1-1/2"	18"	23"

Item#	Bit Diameter	Usable Length	Overall Length
HC4501	3/8"	6"	11"
HC4510	1/2"	6"	11"
HC4511	1/2"	11"	16"
HC4512	1/2"	18"	23"
HC4513	1/2"	22"	27"
HC4514	1/2"	31"	36"
HC4516	9/16"	11"	16"
HC4520	5/8"	6"	11"
HC4521	5/8"	11"	16"
HC4522	5/8"	18"	23"
HC4530	3/4"	6"	11"
HC4531	3/4"	11"	16"
HC4532	3/4"	18"	23"
HC4540	7/8"	11"	16"
HC4541	7/8"	18"	23"
HC4550	1"	11"	16"
HC4551	1"	18"	23"
HC4561	1-1/8"	18"	23"
HC4571	1-1/4"	18"	23"
HC4591	1-1/2"	18"	23"



#### **Spline Thru-hole Rotary Hammer Bits**

Thru-hole bits offer less vibration and quieter operation thanks to an efficient design which maximizes the power of the hammer

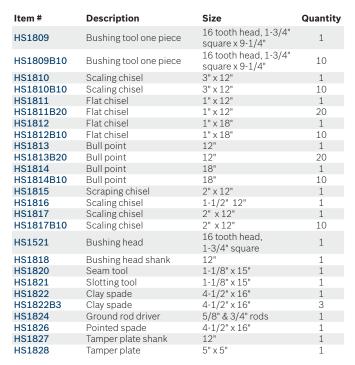


Item#	Bit Diameter	Usable Length	Overall Length
HC6001	1-3/4"	18"	24"
HC6011	2-1/8"	18"	24"
HC6021	2-1/2"	18"	24"
HC6031	3-1/8"	18"	24"

### Round Hex / Spline Hammer Steel



Bosch offers a full assortment of round hex/spline hammer steel points and chisels.







#### **Spline Rotary Hammer Core Bits**

Bosch spline rotary hammer core bits feature an integral shank for better power transmission.

• Maximum core size of 2-5/8" deep (dimensions are nominal

Item#	Bit Diameter	Usable Length	Overall Length
HC8000	1-1/2"	7"	12"
HC8005	1-1/2"	17"	22"
HC8010	2"	7"	12"
HC8015	2"	17"	22"
HC8020	2-1/2"	7"	12"
HC8025	2-1/2"	17"	22"
HC8030	3-1/8"	7"	12"
HC8035	3-1/8"	17"	22"
HC8040	3-9/16"	7"	12"
HC8045	3-9/16"	17"	22"
HC8050	4"	7"	12"
HC8055	4"	17"	22"
HC8070	5"	7"	12"
HC8075	5"	17"	22"
HC89 Centering Tip	_	-	4-3/4"

# 3/4" Hex Hammer Steel



Bosch offers a full assortment of 3/4" hex hammer steel points and chisels.

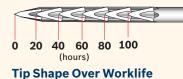
Item #	Description	Size	Quantity
HS1502	Scraping chisel	2" x 12"	1
HS1503	Scaling chisel	3" x 12"	1
HS1503B10	Scaling chisel	3" x 12"	10
HS1504	Clay spade	4-1/2" x 17"	1
HS1506	Asphalt cutter	5" x 15"	1
HS1521	Bushing head	16 tooth head, 1-3/4" square	1
HS1508	Bushing head shank	12"	1
HS1515	Bull point	12"	1
HS1515B20	Bull point	12"	20
HS1516	Bull point	18"	1
HS1516B10	Bull point	18"	10
HS1517	Flat chisel	1" x 12"	1
HS1517B20	Flat chisel	1" x 12"	20
HS1518	Flat chisel	1" x 18"	1
HS1518B10	Flat chisel	1" x 18"	10
HS1520	Bushing tool one piece	16 tooth head, 1-3/4" square x 9-1/4"	1
HS1520B10	Bushing tool one piece	16 tooth head, 1-3/4" square x 9-1/4"	10
HS1524	Ground rod driver	5/8" & 3/4" rods	1
HS1526	Pointed spade	4-1/2" x 16"	1
HS1527	Tamper plate shank	12"	1
HS1828	Tamper plate	5" x 5"	1



# Hexagonal & SDS-max® Star-pointed Chisel More Power: New Star-pointed Chisel



Cross section of Star-pointed Chisel



# **30%** Higher Removal Rate

Star-shaped and self-sharpening cutting edge: this means more material removal with each impact. Removal rate of star-pointed chisels remains constantly high over entire service life. This saves downtime and eliminates service costs caused by time-consuming resharpening.

### Brute™ 1-1/8" Hex Hammer Steel



Bosch offers a full assortment of Brute $^{\text{TM}}$  / 1-1/8" hex hammer steel points and chisels.

Tamper Shank



Item#	Description	Overall Length	Quantity
HS2124	Tamper plate	6" x 6"	1
HS2125	Tamper plate	8" x 8"	1
HS2126	Tent stake driver	5-1/2"	1
HS2861 NEW!	Star Point self-sharpening	16"	1
HS2161	Moil point	20"	1
HS2161B5	Moil point	20"	5
HS2863 NEW!	Flat chisel	16"	1
HS2163	Narrow chisel	20"	1
HS2163B5	Narrow chisel	20"	5
HS2164	3" chisel	20"	1
HS2164B5	3" chisel	20"	5
HS2166	Superkut chisel	20-1/2"	1
HS2167	5" asphalt cutter	19"	1
HS2167B3	5" asphalt cutter	19"	3
HS2168	3" digging chisel	22-1/2"	1
HS2169	5-3/8" clay spade	21"	1
HS2169B3	5-3/8" clay spade	21"	3
HS2170	Frost wedge	24-1/2"	1
HS2171	Spike / pin driver	14-1/2"	1
HS2172	Ground rod driver	15-1/2"	1
HS2173	Tamper shank	15-1/2"	1

#### **Air Tool** Steel



Narrow Chisel Clay Spade



Bosch offers a full assortment of air tool steel points and chisels. For use with pneumatic hammers only.

Overall

		Overall		
Item #	Description	Length	Shank	Quantity
HS2260	Moil point	18"	7/8" hex	1
HS2261	Moil point	14"	7/8" hex	1
HS2262	Narrow chisel	18"	7/8" hex	1
HS2263	Narrow chisel	14"	7/8" hex	1
HS2264	3" chisel	20-1/2"	7/8" hex	1
HS2267	5" asphalt cutter	17-1/2"	7/8" hex	1
HS2269	5-1/2" clay spade	20"	7/8" hex	1
HS2360	Moil point	18"	1" hex	1
HS2361	Moil point	14"	1" hex	1
HS2362	Narrow chisel	18"	1" hex	1
HS2363	Narrow chisel	14"	1" hex	1
HS2364	3" chisel	20-1/2"	1" hex	1
HS2367	5" asphalt cutter	17-1/2"	1" hex	1
HS2369	5-1/2" clay spade	20"	1" hex	1
HS2460	Moil point	18"	1-1/4" hex	1
HS2461	Moil point	14"	1-1/4" hex	1
HS2462	Narrow chisel	18"	1-1/4" hex	1
HS2463	Narrow chisel	14"	1-1/4" hex	1
HS2464	3" chisel	20-1/2"	1-1/4" hex	1
HS2467	5" asphalt cutter	17-1/2"	1-1/4" hex	1
HS2469	5-1/2" clay spade	20"	1-1/4" hex	1

### Adapters & Other Accessories

#### **SDS-max® Rotary Hammer Adapters**

Bosch offers adapters to make it easy to move up to SDS-max® while still utilizing your current SDS-plus® and spline accessories.



Item #	Description
HA1030	SDS-max® to SDS-plus® adapter
HA1031	SDS-max® to spline adapter
HA1032	SDS-max® 3 jaw chuck adapter 1/2"-20 thread
HA1033	SDS-max® to 3/4" hex adapter
T4000	SDS-max® 9" core bit adapter shank
T4001	SDS-max® 16" core bit adapter shank

#### **Spline Rotary Hammer Adapters**

Use these Bosch adapters with a spline hammer to utilize B taper and SDS-plus® accessories.



Item #	Description
HA1020	Spline drive to SDS-plus® adapter
T1831	Spline drive to "B"-taper adapter
1 601 030 009	Drift pin (for T1831)
1 601 030 009	Drift pin (for T1831)

SDS-plus® and SDS-max® are registered trademarks of Robert Bosch GmbH.

NOTE: Drill bits (or extension + drill bit) in excess of 8" should never exceed 600 RPM.

**Digging Chisel** 

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