

# 1-1/2" SPLINE DRIVE ROTARY HAMMERS



**POWERFUL 8.5 AMP MILWAUKEE BUILT MOTOR**  
**Spline Drive Bit System**—efficient transmission of torque to the bit, drives chisels without adapter – 6" core bit capacity.



## 5311-6 DOUBLE INSULATED

1-1/2" ROTARY HAMMER **WITHOUT STOP ROTATION**  
 INCLUDES STEEL CARRYING CASE, SIDE HANDLE AND DEPTH GAUGE

## 5316-6 DOUBLE INSULATED

1-1/2" ROTARY HAMMER **WITH STOP ROTATION**  
 INCLUDES STEEL CARRYING CASE, SIDE HANDLE AND DEPTH GAUGE



## 5317-6 DOUBLE INSULATED

INCLUDES TOOL 5316-6 AND FIVE PIECE BIT & CHISEL ASSORTMENT 48-20-4200

### 5311-6, 5316-6 AND 5317-6 FEATURES

- **Powerful 8.5 Amp Motor**
- **Patented Vibration Isolation System\***  
Reduces operator fatigue and increases comfort and control. Handles "float" to absorb hammering action.
- **"Soft-Shift" Stop-Rotation** (5316-6 and 5317-6 only).
- **Internal Clutch Slips When Bit Jams**
- **Sealed Switch**  
Keeps dust out, contacts clean.
- **Air-Cooled Hammer Mechanism**
- **Removable, Independent Depth Rod Bracket\***
- **Additional Rear Mounting Option For Side Handle**
- **Push To Lock - Push to Open Spline Bit Lock\***
- **Two Operating Modes**  
Hammer with rotation and hammer only.

\*Milwaukee Exclusive

### 5347 AND 5348 FEATURES

- **Ball And Roller Bearings**
- **Self-Stopping Long Life Brush System**
- **Electro-Pneumatic Hammer Mechanism**  
Delivers powerful blows with minimum operator pressure.
- **Long-Life Self Contained Slip Clutch**  
When bit jams, clutch slips – rotary action stops.
- **Depth Rod For Drilling Holes To Preset Depth**
- **Fully Adjustable Side Handle Can Be Rotated 360°**
- **Bit Lock Is Designed For Fast /Easy Bit Replacement**
- **Stop-Rotation Control**  
Stop-Rotation lever disengages rotary action, allowing hammer action only. This feature allows the tool to set self-drilling tooth anchors.



## 5347

INCLUDES STEEL CARRYING CASE, SIDE HANDLE, AND DEPTH GAUGE

- **Heavy-Duty AC-DC Sealed Switch**  
Two finger switch

## 5348 (KIT)

KIT INCLUDES 5347, STEEL CARRYING CASE, SIDE HANDLE, DEPTH GAUGE, FIVE PIECE BIT & CHISEL ASSORTMENT 48-20-4200



### ACCESSORIES:

#### 48-20-4200 BIT AND CHISEL ASSORTMENT

Consists of one each of the following:

48-20-4051	1/2" dia. x 16" long Spline Shank Bit
48-20-4063	5/8" dia. x 16" long Spline Shank Bit
48-20-4076	3/4" dia. x 16" long Spline Shank Bit
48-62-2000	12" Bull Point Chisel
48-62-2020	12" Cold Chisel

### SPECIFICATIONS

CATALOG NUMBER	VOLTS	AMPS	NO LOAD BLOWS PER MIN.	NO LOAD RPM	SOLID BIT CAPACITY	CORE BIT CAPACITY	STOP ROTATION	HEIGHT	WIDTH	LENGTH	NET WGT. LBS.	SHIP. WGT. LBS.
5311-6	120 AC ONLY	8.5	0-4100	0-550	1-1/2"	6"	NO	8-3/4"	3-5/8"	18-1/2"	17.5	28
5316-6	120 AC ONLY	8.5	0-4100	0-550	1-1/2"	6"	YES	8-3/4"	3-5/8"	18-1/2"	17.5	28
5317-6 KIT	120 AC ONLY	8.5	0-4100	0-550	1-1/2"	6"	YES	8-3/4"	3-5/8"	18-1/2"	17.5	34
5347	120 AC ONLY	8.5	4100	500	1-1/2"	6"	YES	8-3/4"	3-5/8"	17-1/4"	14.7	23
5348 KIT	120 AC ONLY	8.5	4100	500	1-1/2"	6"	YES	8-3/4"	3-5/8"	17-1/4"	14.7	30

**STANDARD EQUIPMENT: 5311-6 AND 5316-6** – Steel Carrying Case 48-55-9120, Side Handle 43-62-1125, Depth Gauge 44-94-0165. **5317-6** – Steel Carrying Case 48-55-9120, Side Handle 43-62-1125, Depth Gauge 44-94-0165 and 5 Piece Bit and Chisel Assortment (see chart above). **FOR 5347** – Steel Carrying Case 48-55-0580, Side Handle, Depth Gauge. **FOR 5348** – Includes 5347, Steel Carrying Case, Side Handle, 5 Piece Bit and Chisel Assortment (see chart above).



# SPLINE HAMMER ACCESSORIES

Accessories on page 65 and on this page Fit Milwaukee Rotary Hammers 5311, 5316, 5317, 5347, 5348, 5352, 5353 and Competitive Spline Hammers

## THICK WALL CORE BIT SHANKS

(Order Separately)

48-03-3562	For 1" to 1-3/8" Core Bits	12" long
48-03-3563	For 1" to 1-3/8" Core Bits	18" long
48-03-3564	For 1-1/2" to 6" Core Bits	12" long
48-03-3565	For 1-1/2" to 6" Core Bits	18" long

## 7-1/2" EXTENSIONS

(Optional - Order Separately)

48-95-6080	For Shank 48-03-3562, 3563, 3570, 3571
48-95-6085	For Shank 48-03-3564, 3565, 3572, 3573

## THICK WALL CORE BITS USABLE CUTTING DEPTH 4-3/8"

CAT. NO.	BIT SIZE	CAT. NO.	BIT SIZE
48-20-5105	1"	48-20-5140	2-1/2"
48-20-5110	1-1/8"	48-20-5145	3"
48-20-5115	1-1/4"	48-20-5150	3-1/2"
48-20-5120	1-3/8"	48-20-5155	4"
48-20-5125	1-1/2"	48-20-5160	5"
48-20-5130	1-3/4"	48-20-5165	6"
48-20-5135	2"		

## CENTER PIN\*

(Same as furnished with Thick Wall Core Bits)

48-20-5198	For 1-1/4" to 1-3/8" Bits
48-20-5199	For 1-1/2" to 6" Bits

\* 1" and 1-1/8" Core Bits do not require a center pin.

## REPLACEMENT GUIDE PLATES

(Furnished with Core Bit)

CAT. NO.	DIA.	CAT. NO.	DIA.
48-20-5166	1-1/4"	48-20-5172	3"
48-20-5167	1-3/8"	48-20-5173	3-1/2"
48-20-5168	1-1/2"	48-20-5174	4"
48-20-5169	1-3/4"	48-20-5175	5"
48-20-5170	2"	48-20-5176	6"
48-20-5171	2-1/2"		

## THIN WALL CORE BIT SHANKS

(Order Separately)

48-03-3535	For 1" to 1-1/2" Core Bits	12" long
48-03-3540	For 1-3/4" to 6" Core Bits	12" long

## "A" TAPER ADAPTER

48-66-6502	For use with "A" Taper Bits. Includes Drift Pin 48-86-0120
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## "B" TAPER ADAPTER

48-66-6503	For use with "B" Taper Bits. Includes Drift Pin 48-86-0120
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## TOOTH ANCHOR CHUCKS - "B" TAPER

Requires Drift Pin 48-86-0100

48-66-6520	3/16" - 1/4"	7/16"
48-66-6540	5/16"	15/32"
48-66-6560	3/8"	9/16"
48-66-6580	1/2"	11/16"
48-66-6600	5/8"	27/32"

## TOOTH ANCHOR

### SELF-DRILLING ANCHOR APPLICATION

Use with drift pin 48-86-0100.

## SPLINE TO SDS ADAPTER

See Pg 66 for SDS Bits.

48-03-3015	For use with SDS bits.
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## "A" TAPER BITS USE "A" TAPER ADAPTER

CATALOG NUMBER	"A" TAPER NUMBER	BIT DIA.	OVERALL LENGTH	USABLE LENGTH
48-20-3180	48-20-3181	3/16"	4"	2"
48-20-3250	48-20-3251	1/4"	4"	2"
48-20-3252	48-20-3253	1/4"	6"	4"
48-20-3310	48-20-3311	5/16"	4-1/2"	2-1/2"
48-20-3312	48-20-3313	5/16"	6"	4"
48-20-3380	48-20-3383	3/8"	4-1/2"	2-1/2"
48-20-3381	48-20-3384	3/8"	9"	7"
48-20-3382	48-20-3385	3/8"	12"	10"
48-20-3440	48-20-3441	7/16"	4-1/2"	2-1/2"
48-20-3470	-	15/32"	4-1/2"	2-1/2"
48-20-3499	48-20-3503	1/2"	9"	7"
48-20-3500	48-20-3504	1/2"	4-1/2"	2-1/2"
48-20-3501	48-20-3505	1/2"	12"	10"
48-20-3559	48-20-3561	9/16"	5"	3"
48-20-3560	48-20-3562	9/16"	9"	7"
48-20-3619	48-20-3623	5/8"	5"	3"
48-20-3620	48-20-3624	5/8"	9"	7"
48-20-3621	48-20-3625	5/8"	12"	10"
48-20-3690	48-20-3691	11/16"	5"	3"
48-20-3790	48-20-3791	3/4"	5-1/2"	3-1/2"
48-20-3795	48-20-3796	3/4"	9"	7"
48-20-3860	48-20-3861	7/8"	5"	3"

## "B" TAPER BITS USE "B" TAPER ADAPTER

CATALOG NUMBER	BIT DIA.	OVERALL LENGTH (IN.)	USABLE LENGTH (IN.)
48-20-3680	11/16"	9	6-3/4
48-20-3870	7/8"	9	6-3/4
48-20-3750	3/4"	9	6-3/4
48-20-3100	1"	9	6-3/4
48-20-3840	27/32"	9	6-3/4

## 2-CUTTER SPLINE BITS

CATALOG NUMBER	BIT DIA.	OVERALL LENGTH	DRILLING DEPTH
48-20-4037	3/8"	10"	4"
48-20-4050	1/2"	10"	4"
48-20-4051	1/2"	16"	10"
48-20-4052	1/2"	22"	16"
48-20-4056	9/16"	10"	4"
48-20-4062	5/8"	10"	4"
48-20-4063	5/8"	16"	10"
48-20-4064	5/8"	22"	16"
48-20-4068	11/16"	16"	10"
48-20-4075	3/4"	10"	4"
48-20-4076	3/4"	16"	10"
48-20-4078	3/4"	22"	16"
48-20-4081	13/16"	16"	10"
48-20-4087	7/8"	16"	10"
48-20-4088	7/8"	22"	16"
48-20-4100	1"	16"	10"
48-20-4101	1"	22"	16"
48-20-4112	1-1/8"	16"	10"
48-20-4113	1-1/8"	22"	16"
48-20-4125	1-1/4"	16"	10"
48-20-4126	1-1/4"	22"	16"
48-20-4137	1-3/8"	16"	10"
48-20-4138	1-3/8"	22"	16"
48-20-4150	1-1/2"	16"	10"
48-20-4151	1-1/2"	22"	16"

## 2 CUTTER METRIC SPLINE BITS

CATALOG NUMBER	BIT DIA.	USABLE LENGTH	LENGTH
48-20-4202	12mm	200mm	330mm
48-20-4206	14mm	250mm	380mm
48-20-4210	15mm	200mm	330mm

## 4-CUTTER SPLINE BITS

CATALOG NUMBER	BIT DIA.	OVERALL LENGTH	DRILLING DEPTH
48-20-4300	5/8"	10"	5"
48-20-4305	5/8"	16"	11"
48-20-4310	5/8"	21"	16"
48-20-4315	5/8"	27"	22"
48-20-4320	5/8"	36"	31"
48-20-4325	11/16"	16"	11"
48-20-4330	3/4"	11"	6"
48-20-4335	3/4"	16"	11"
48-20-4340	3/4"	22"	17"
48-20-4345	3/4"	27"	22"
48-20-4350	3/4"	36"	31"
48-20-4355	27/32"	16"	11"
48-20-4360	7/8"	16"	11"
48-20-4365	7/8"	22"	17"
48-20-4370	1"	16"	11"
48-20-4375	1"	22"	17"
48-20-4380	1"	36"	31"
48-20-4385	1-1/8"	16"	11"
48-20-4390	1-1/8"	22"	17"
48-20-4395	1-1/4"	16"	11"
48-20-4400	1-1/4"	22"	17"
48-20-4405	1-1/4"	36"	31"
48-20-4410	1-3/8"	22"	17"
48-20-4415	1-1/2"	22"	17"

## 4 CUTTER METRIC SPLINE BITS

CATALOG NUMBER	BIT DIA.	USABLE LENGTH	LENGTH
48-20-4504	16mm	250mm	380mm
48-20-4506	16mm	400mm	530mm
48-20-4510	18mm	250mm	380mm
48-20-4514	19mm	250mm	380mm
48-20-4518	20mm	250mm	380mm
48-20-4520	20mm	400mm	530mm
48-20-4524	22mm	400mm	530mm
48-20-4528	24mm	200mm	330mm
48-20-4530	24mm	400mm	530mm
48-20-4534	25mm	200mm	330mm
48-20-4536	25mm	400mm	530mm
48-20-4540	28mm	400mm	530mm
48-20-4544	30mm	400mm	530mm
48-20-4548	32mm	400mm	530mm
48-20-4554	35mm	400mm	530mm
48-20-4560	38mm	400mm	530mm

## TURBO TUNNEL BITS

DRILLING HEADS	
48-20-5083	1-1/2"
48-20-5085	2-1/8"
48-20-5087	2-1/2"
48-20-5089	3-1/4"
<b>11" EXTENSION W/ STUD</b>	
48-20-5079	11"
<b>SPLINE DRIVE SHANK</b>	
48-20-5075	7"
<b>SDS MAX DRIVE SHANK</b>	
48-20-5077	7-1/2"
<b>2-1/2" STUD</b>	
48-20-5081	2-1/2"