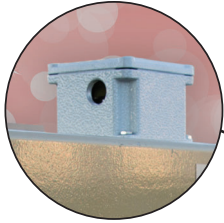


Master Mill MAX

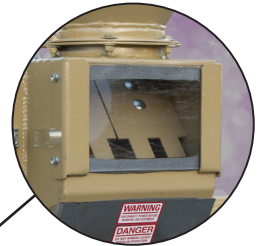
24" Hammermill Designed For Increased Production And Ease Of Service

- 10-30 HP motor options
- Quick release screen for fast changes
- Grain flow viewing window
- Welded and balanced milling head
- Easy access magnet for quick cleaning
- Outlet hopper angle adjustable from 0°-45°



Vibration Sensor

Door Switch



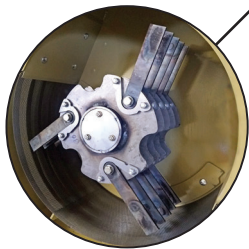
Grain Flow Viewing Window



Hinged Swinging Door
(for easy access)



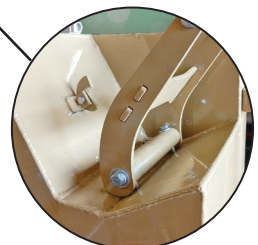
Powerful Magnet



Improved Mill Design
Featuring
Restricted Hinge Hammers
and Reinforced Screen Holder



Outlet Hopper
Accommodates
0°-45° Infinite Setting



Quick-Release Handles
(for fast screen changes)

Grinding Capacities at 1750 RPM

Note: Due to variations in grain moisture and texture the capacities listed are to be used as guidelines only.

Motor H.P.	Screen Size	Dry Corn	
		LB./MN.	LB./HR.
10	3/32"	35	2,100
10	3/16"	88	5,280
10	1/4"	100	6,000
10	3/8"	138	8,280
15	3/32"	65	3,900
15	1/8"	97	5,820
15	3/16"	198	11,880
15	1/4"	230	13,800
15	3/8"	345	20,700
20	3/32"	74	4,440
20	1/8"	115	6,900
20	3/16"	245	14,700
20	1/4"	270	16,200
20	3/8"	413	24,780
30	3/32"	80	4,800
30	1/8"	130	7,800
30	3/16"	300	18,000
30	1/4"	362	21,720
30	3/8"	560	33,600

3500 RPM

10	3/32"	42	2,520
10	1/8"	53	3,180
10	3/16"	65	3,900
10	1/4"	72	4,320
10	5/16"	82	4,920
10	3/8"	94	5,640
15	3/32"	70	4,200
15	1/8"	78	4,680
15	3/16"	104	6,240
15	1/4"	108	6,480
20	3/32"	82	4,920
20	1/8"	98	5,880
20	3/16"	127	7,620
20	1/4"	136	8,160
30	3/32"	115	6,900
30	1/8"	150	9,000
30	3/16"	211	12,660
30	1/4"	280	16,800

24" MAX MILLS AND MOTORS (More Motors Available)

MST2410WOC	24" Max Mill for 10 HP Motor (w/o Motor and Control Panel)	\$4,522.00
MST2415WOC	24" Max Mill for 15 HP Motor (w/o Motor and Control Panel)	\$4,522.00
MST2420WOC	24" Max Mill for 20 HP Motor (w/o Motor and Control Panel)	\$4,522.00
MST2430WOC	24" Max Mill for 30 HP Motor (w/o Motor and Control Panel)	\$4,522.00
L3712T	10 HP, 1725 RPM, 1PH Motor	\$2,800.90
L3711T	10 HP, 3450 RPM, 1PH Motor	\$1,378.84
EM3711T	10 HP, 3450 RPM, 3PH Motor	\$1,183.20
L1177T	15 HP, 1725 RPM, 1PH Motor	\$4,681.07
39T044W965	15 HP, 3525 RPM, 1PH Motor	\$5,119.30
EM2394T	15 HP, 3520 RPM, 3PH Motor	\$1,820.61
EM2334T	20 HP, 1760 RPM, 3PH Motor	\$1,756.94
EM4106T	20 HP, 3450 RPM, 3PH Motor	\$2,001.40
EM4104T	30 HP, 1760 RPM, 3PH Motor	\$3,284.38
EM4108T	30 HP, 3520 RPM, 3PH Motor	\$3,235.15

Note: All mills include one screen. Additional screens are available. (see below)

MAX MILL CONTROL PANELS

MPO	Mill Panel, Single Switch, 10 HP 1 PH 230V	\$923.00
MPO10	Mill Panel, Single Switch, 10 HP 3 PH 230V	\$850.00
MPOD	Mill Panel, Single Switch, Double – 10 HP 1PH	\$1,154.00
MPO151	Mill Panel, Single Switch, 15 HP 1 PH 230V	\$961.00
MPO153	Mill Panel, Single Switch, 15 HP 3 PH 230V	\$923.00
MPO20	Mill Panel, Single Switch, 20 HP 3 PH 230V	\$912.00
MPO30	Mill Panel, Single Switch, 30 HP 3 PH 230V	\$991.00
MPB	Mill Panel, Triple Switch, 10 HP 1 PH 230V	\$1,285.00
MPI	Mill Panel, Double Switch (Intake), 10 HP 1 PH 230V	\$1,129.00
MPD	Mill Panel, Double Switch (Discharge), 10 HP 1 PH 230V	\$1,129.00

MAX MILL PARTS

MAXSCREEN	1/16", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8", 1/2"	\$84.00
MMSH24	Max Mill Screen Holder	\$160.00
MMD24	Max Mill Door	\$672.00
MAXHUB	Max Mill Beater Hub (Hammers Not Included)	\$996.00
MAXHAMMER-L	.1495 Max Hammer (Set of 15)	\$124.00
MAXHAMMER-H	.1875 Max Hammer (set of 15)	\$124.00
SKx1-3/8	SK Tapered Bushing, 10 HP	\$50.11
SKx1-5/8	SK Tapered Bushing, 15 HP, 20 HP, 30 HP, 3450 RPM	\$50.11
SKx1-7/8	SK Tapered Bushing, 30 HP, 1760 RPM	\$50.11
200054	Vibration Sensor	\$292.00
200052	Door Switch	\$63.66

ACCESSORIES

MMFH16	Intake Funnel Hopper (16" to 6")	\$150.00
MMABOOT6	Adjustable Unload Boot	\$640.00
MMDB6FLR	Unload Boot to 6" Flange Ring	\$280.00
MMDB8FLR	Unload Boot to 8" Flange Ring	\$280.00
MMUR6x4	Unload Boot Reducer (6" to 4")	\$60.00
MMSTAND	Adjustable Mill Stand	\$600.00

Hammer Mills

Specifications



**The Practical
Approach
to Grinding
High Moisture
and Dry Grains**

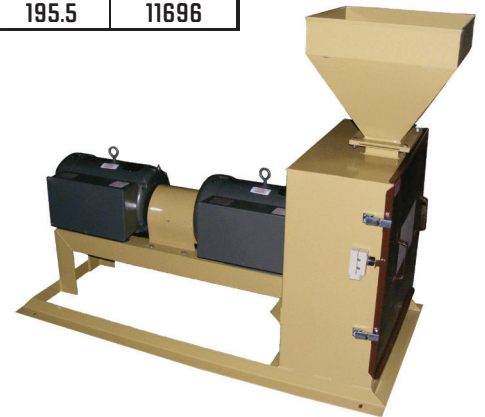
Features

- Low Initial Cost
- Low Maintenance
- Low Operating Cost
- Compact Design
- Easy Serviceability
- Heavy Duty Plate Magnet
- Dust Tight Enclosure
- 360° Screen
- Reversible Hammers
- Removable Wear Plate
- Locking Door Latches
- Hinged Door, LH or RH

18" Hammer Mill Grinding Capacities

Note: Due to variations in grain moisture and texture the capacities listed are to be used as guidelines only.

Screen Size	Motor H.P.	Dry Corn		Hi-Moisture Corn		Dry Barley	
		LB./MN.	LB./HR.	LB./MN.	LB./HR.	LB./MN.	LB./HR.
3/32"	7-1/2	30	1800				
	10	40	2400				
	15	60	3600				
	20	68	4120				
1/8"	7-1/2	60	3600			18	1080
	10	74	4400			23	1380
	15	94	5600			35	2100
	20	125.8	7480			39.1	2346
3/16"	7-1/2	81	4840	71	4240	30	1800
	10	100	6000	84	5040	40	2400
	15	147	8800	126	7520	58	3480
	20	170	10200	142.8	8568	68	4080
1/4"	7-1/2	100	6000	95	5680		
	10	119	7120	115	6880		
	15	178	10640	167	10000		
	20	202.3	12104	195.5	11696		
5/16"	7-1/2	126	7520				
	10	147	8800				
	15	220	13200				
	20	249.9	14960				
3/8"	7-1/2	146	8720				
	10	172	10320				
	15	258	15480				
	20	292.4	17544				
1/2"	7-1/2	187	11200				
	10	226	13520				
	15	334	20000				
	20	348.2	22984				

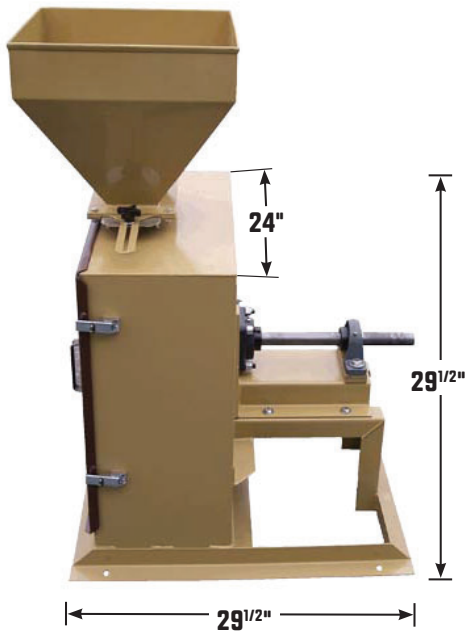


Options

- Gravity Discharge
- Auger Discharge 0°-40°
- Discharge Funnel
- Support Stand
- Computerized Batching Systems
- Manual or Variable Speed Control for Feed-in Auger

Specifications

- 15 Hardened Hammers on Beater Hub
- 6" Screen Width
- 1/16" - 3/4" Screen Perforations Available
- 5 - 30 HP Motor
- Direct Driven
- 1700-3400 RPM Beater Hub
- 6" x 4" Plate Magnet



18" Mill Shown With Jackshaft Assembly,
Intake Hopper & Slide

18" HAMMER MILLS

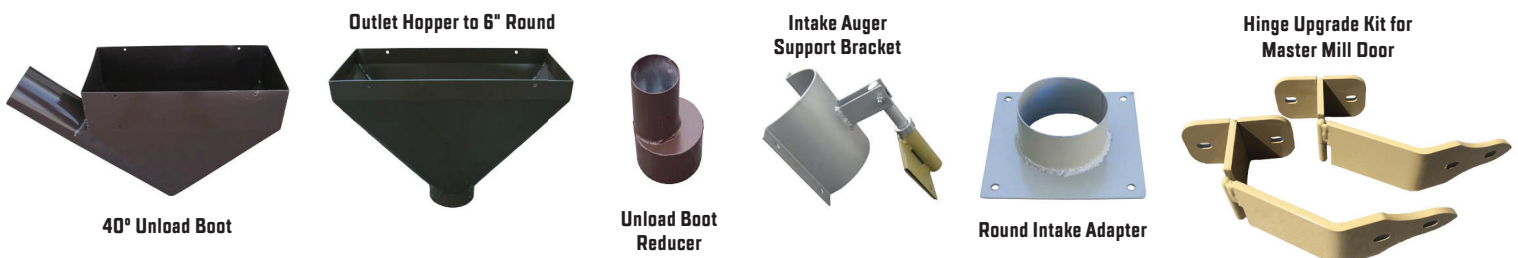
MST18010	18" Master Mill w/ 10 HP, 1 PH Motor & Control Panel	\$5,041.84
MST18210S	18" Master Mill w/ (2) 10 HP, 1 PH Motors & Control Panel	\$7,274.94
MST18020	18" Master Mill w/ 20 HP, 3 PH Motor & Control Panel	\$5,653.40
MST18010WOC	18" Master Mill w/o Motor, Hinged Door, & Control Panel	\$2,610.00
MSTK0010	Jackshaft Assembly for 18" Hammer Mill	\$385.47
Note: All mills include a control panel with ammeter and contactor, and one screen. Additional screens are available (listed on page 6)		

MOTORS

L3709T	7-1/2 HP, 3450 RPM, 1 PH Motor	\$1,115.62
L3711T	10 HP, 3450 RPM, 1 PH Motor	\$1,378.84
37H157W578G1	10 HP, 3450 RPM, 1 PH Double Shaft Motor	\$1,552.10
EM3711T	10 HP, 3490 RPM, 3 PH Motor	\$1,183.20
EM4106T	20 HP, 3520 RPM, 3 PH Motor	\$2,001.40

ACCESSORIES

AIH1212	Intake Hopper, 12" x 12"	(Does Not Include Slide)	6" High	\$92.00
AIH1616	Intake Hopper, 16" x 16"	(Does Not Include Slide)	14" High	\$160.00
AIH2424	Intake Hopper, 24" x 24"	(Does Not Include Slide)	24" High	\$280.00
AIT0404	4" Round Intake Adapter		4" High	\$38.00
AIT0406	6" Round Intake Adapter		4" High	\$42.00
AIS0406	Intake Slide, 4" x 6"			\$52.00
AIH0004	Intake Auger Support Bracket, 4"	(Fits 16" and 24" Hoppers)		\$50.00
AIH0006	Intake Auger Support Bracket, 6"	(Fits 16" and 24" Hoppers)		\$50.00
AAD-0645	45° - 6" Unload Boot			\$292.00
AAD-0640	40° - 6" Unload Boot			\$292.00
AAD-0630	30° - 6" Unload Boot			\$292.00
AAD-0620	20° - 6" Unload Boot			\$292.00
AAD-0600	6" Horizontal Unload Boot Only			\$292.00
AAD-1602	6" Horizontal to 6" Vertical Unload Boot			\$804.00
ABR-0604	Mill Unload Boot Reducer, 6" to 4"			\$55.00
ABR-0605	Mill Unload Boot Reducer, 6" to 5"			\$55.00
AOH-1224	Outlet Hopper To 6" Round			\$240.00
AST1800	18" Mill Stand	28-1/2"W x 29-1/2"D	13" - 21" High	\$360.00
AST1821	18" Mill Stand (For MST18210S Mill)	28-1/2"W x 53-1/2"D	13" - 21" High	\$400.00
CPA1	Add-on For Control Box: (1) Switch, (1) Contactor & (1) Overload	(For 2HP or Less)		\$184.00
MST18HKR	Hinge Upgrade Kit for Master Mill Door	(must specify left or right hinges)		\$130.00





18" Mill shown with motor,
6" unload boot, intake hopper,
& slide (Mounted on stand)

SCREENS

Part #	Description	Price
92000208	18 in. D Screen 1/16 in.	\$162.08
92001071	18 in. D Screen 3/32 in.	\$139.82
92000209	18 in. D Screen 7/64 in.	\$150.52
92000221	18 in. D Screen 1/8 in.	\$150.52
92000211	18 in. D Screen 5/32 in.	\$150.52
92000212	18 in. D Screen 3/16 in.	\$139.82
92000213	18 in. D Screen 7/32 in.	\$139.82
92000214	18 in. D Screen 1/4 in.	\$139.82
92000215	18 in. D Screen 5/16 in.	\$139.82
92000216	18 in. D Screen 3/8 in.	\$139.82
92000217	18 in. D Screen 7/16 in.	\$139.82
92000218	18 in. D Screen 1/2 in.	\$139.82
92000219	18 in. D Screen 5/8 in.	\$139.82
92000220	18 in. D Screen 3/4 in.	\$150.52

PART #	DESCRIPTION
AMH-0804	Magnet holder, S.S.

PART #	DESCRIPTION
PD18010	Mill Door

PART #	DESCRIPTION
6X4X1C8	Magnet

HOPPERS

Part #	Description
AIH2424	24" x 24" Intake Hopper, 4" x 6"
92001071	18 in. D Screen 3/32 in.
92000209	18 in. D Screen 7/64 in.
92000221	18 in. D Screen 1/8 in.

PART #	DESCRIPTION
PH18010	Mill Body (10 hp)
PH18020	Mill Body (20 hp)

PART #	DESCRIPTION
200052	Switch, Mill Door

PART #	DESCRIPTION
17L01-1X2AA	Locking Mill Door Latch

PART #	DESCRIPTION
11195910	Back Plate, 18"

PART #	DESCRIPTION
AST1800	Stand, Standard Mill

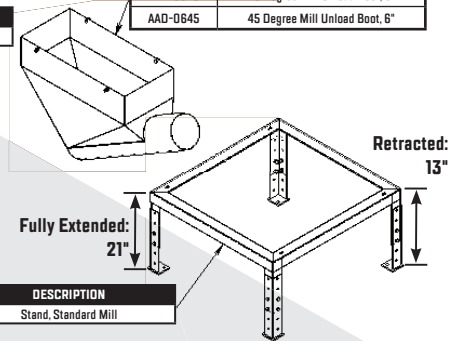
See Page 7 for
Hammer Mill parts

MOTORS

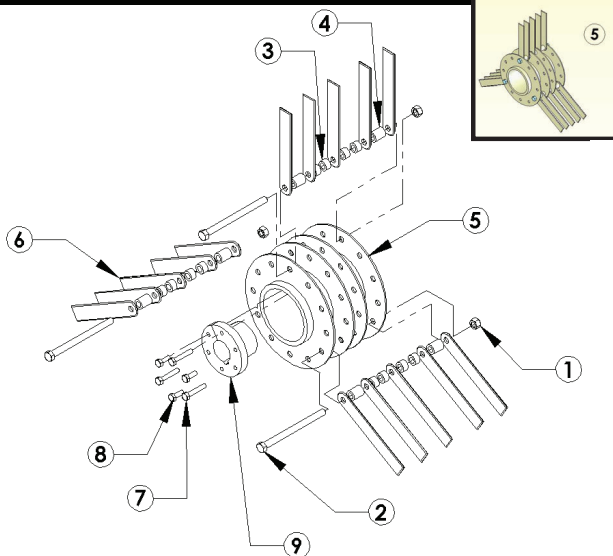
Part #	Description
L3709T	7 1/2 HP 3450 RPM 1PH
L3711T	10 HP 3450 RPM 1PH
M3711T	10 HP 3450 RPM 3PH
M4106T	20 HP 3450 RPM 3PH
M4108T	30 HP 3450 RPM 3PH

UNLOAD BOOTS

Part #	Description
AMB-0001	Mill Baffle Assembly
Use Baffle Above or Optional Boot Below	
AAD-0600	0 Degree Mill Unload Boot, 6"
AAD-0620	20 Degree Mill Unload Boot, 6"
AAD-0630	30 Degree Mill Unload Boot, 6"
AAD-0640	40 Degree Mill Unload Boot, 6"
AAD-0645	45 Degree Mill Unload Boot, 6"

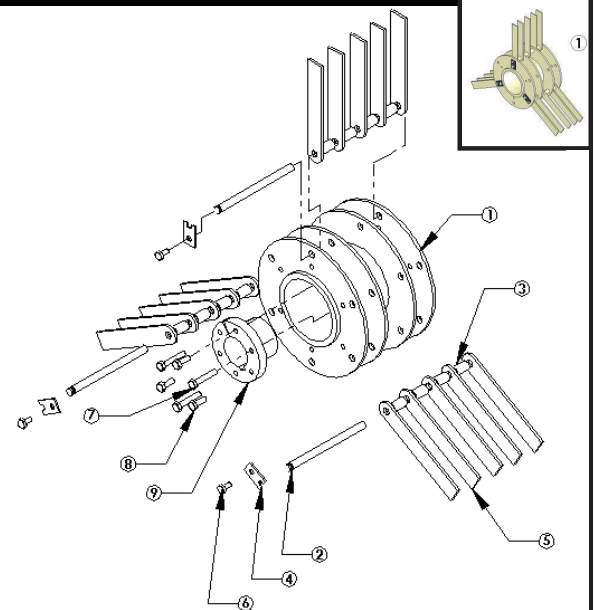


Exploded View Of 10 HP Hammer Assembly #92000234 \$683.55



Item No.	QTY.	Part No.	Description	Price
5	1	92000234	Beater Hub Assembly (10 HP Mill)	\$717.74
-	3	AFS-1810HK	Complete Hammer Replacement Kit	\$116.17
1	3	86754500	D Nut	\$1.48
2	3	70011504	3/8" Hardened Hex Bolt	\$8.29
3	12	80013501	Spacer, Hammer (Short)	\$5.52
4	6	80013502	Spacer, Hammer (Long)	\$5.52
6	1	92000278	Hammers (Set of 15)	\$86.85
7	3	BOLT-1/4"-20x1-1/2"	Bolt, 1/4"-20 x 1-1/2"	\$0.21
8	3	BOLT-1/4"-20x3/4"	Bolt, 1/4"-20 x 3/4"	\$0.15
9	1	SDx1-3/8	Bushing	\$38.87

Exploded View Of 20 HP Hammer Assembly #108251 \$694.58



Item No.	QTY.	Part No.	Description	Price
1	1	108251	Beater Hub Assembly (20 HP Mill)	\$729.32
-	3	AFS-1820HK	Complete Hammer Replacement Kit	\$136.51
2	3	2A1182	Pin, Hammer Assembly	\$12.70
3	12	2A1183	Spacer	\$2.80
4	3	2A1265	Clip, Pin Retainer	\$8.67
5	1	2A718	Hammers, HD (Set of 15)	\$98.41
6	3	67023412	Bolt, Grade 5 Fine Thread 1/4x1/2	\$0.70
7	3	BOLT-1/4x1-1/2	Bolt, Zinc 1/4-20 x 1-1/2	\$0.21
8	3	BOLT-1/4x3/4	Bolt, Zinc 1/4-20 x 3/4	\$0.15
9	1	SDx1-5/8	Bushing	\$38.87

HAMMER MILL CONTROL PANEL PARTS

100-C60D10	Contactors, 10 HP @ 220V 1 PH, 120V Coil, 3 Pole	\$174.11
193-T1DC47	Overload, 34-50 Amp	\$88.16
100-C12D10	Contactors, 2 HP @ 220V, 1 PH, 120V Coil, 3 Pole	\$59.84
193-T1AC10	Overload, 7.2-10 Amp	\$46.94
193002	Amber Light, 120VAC (Old Mill Panel)	\$6.54
205020	SPST Toggle Switch (Old Mill Panel)	\$5.80
201014	2 Position Yellow Selector Switch, AB	\$50.45
191006	0-75 Ammeter 0-5 Amp Input	\$35.30
192006	Current Transformer 0-75	\$35.58

COMPLETE HAMMER MILL CONTROL PANELS

MPD	Mill Panel, Single Switch, 10 HP 1 PH 230V	\$923.00
MPD10	Mill Panel, Single Switch, 10 HP 3 PH 230V	\$850.00
MPD0	Mill Panel, Single Switch, Double - 10 HP 1PH	\$1,154.00
MPD20	Mill Panel, Single Switch, 20 HP 3 PH 230V	\$912.00
MPI	Mill Panel, Double Switch (Intake), 10 HP 1 PH 230V	\$1,129.00
MPD	Mill Panel, Double Switch (Discharge), 10 HP 1 PH 230V	\$1,129.00
MPB	Mill Panel, Triple Switch, 10 HP 1 PH 230V	\$1,285.00

18" HAMMER MILL PARTS

	18" Hammer Mill Screens, SEE PAGE 6	
11195910	Back Plate, 18"	\$104.21
6X4X1C8	Magnet	\$22.00
AMH-0604	Magnet Holder, S.S.	\$18.00
17L01-1X2AA	Door Latch	\$11.23
200052	Safety Switch	\$63.66
AMB-0001	Mill Baffle	\$20.00

DOUBLE 10 HAMMER MILL PARTS

AST1821	18" Mill Stand for Dual 10 HP Motors	\$400.00
37H157W578G1	10 HP, 3450 RPM, 1 PH Double Shaft	\$1,552.10
AMG-00010	Guard, Double 10 Love Joy Coupling	\$50.00
3X710	Love Joy Coupler, 1-1/8" (L110)	\$93.26
3X712	Love Joy Coupler, 1-3/8" (L110)	\$83.01
3X715	Love Joy Buna N Spider (L110)	\$37.40

14" Mix-Mill Replacement Parts

14" HAMMER MILL (CX) PARTS

10610300	Back Plate, 14"	\$115.77
93056701	1/16" Screen	\$196.80
93056716	1/8" Screen	\$162.08

Call For Additional Sizes Up To 1/2"

14" HAMMER MILL (CX) BEATER HUB PARTS

93000972	Beater Hub Assembly	\$434.12
92000278	15 Hammer Set, 1/8" Thick	\$86.82
70011508	3/8" Hardened Carriage Bolt	\$15.06
66754500	D Nut	\$1.48
80013503	Spacers (12 PCS.)	\$3.44
10688900	Hub Puller	\$32.51

Hammer Mills

Screens • Motors • Parts



Contactors & Overloads



Ammeter w/
Current Transformer



2-Pos.
Selector Switch



MPO Control Panel
with Ammeter

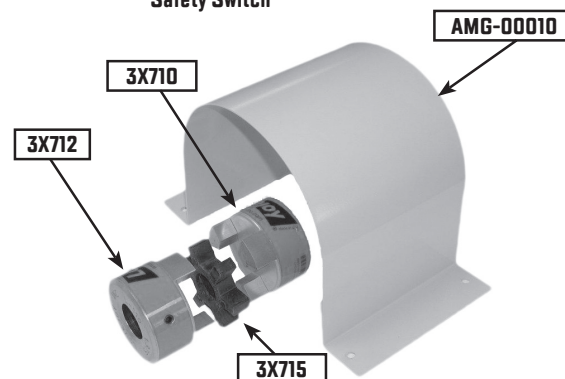
**New panel
NEMA rated for
dust and weather
resistance**



Mill Door
Safety Switch



Mill Door Latch



**AFS offers a selection
of replacement parts
for the 14" CX Mix-Mill,
including screens and
beater hubs.**

Screens

