

## Lubrication

### Standard Lubricants:

Bearings have an initial fill of lubricant when manufactured, therefore it is not necessary to lubricate prior to their initial operation.

**Proper lubrication is essential for adequate bearing life!  
A bearing cannot survive without it.**

## Grease Guns and Coupler



Item #	Description
SON10002753	Grease Coupler L2010-GRA 1/8in FNPT
SON40000581	Grease Gun Westward Pistol Grip Action
SON10004811	Grease Gun Prolube G1R/STD Lever Action

## Grease and Lubricants

- Mobil Polyrex has a wide operating temperature range -4°F to 320°F
- Pro 21 inhibits rust, stays where you spray it and doesn't attract dirt
- Pro SL is a corrosion inhibitor and penetrating synthetic lubricant



Item #	Description	Qty.
SON10012823	Mobil Polyrex EP2 Grease, 13.7oz Cs/10	10
SON10002994	Pro 21 Spray Grease, 9oz	1
SON10002558	Lubricant, Synthetic Spray Oil, 9oz	1

## Grease Fittings



Item #	Description	Qty.
SON10011219	Grease Fitting PLE11-112 90° 1/4-28 UNF	1
SON10005762	Grease Fitting PLE11-100 1/4-28 UNF	25
SON10000497	Grease Fitting Straight 1/8-27 NPT	1
SON10000761	Grease Fitting PLE11-150 1/8in NPT	25

## 2-Bolt Tapped Base Pillow Block

- Machined to accept bearing cap
- **Used on:** Sonny's Tire Seal, Tire Brush and Passenger Side Pendulum Arm



Item #	Description	"E"
SON40010795	AMI Bearing 2-Bolt BTB20 w/Cap 1-1/4in	3-1/4in
SON10002196	AMI Cap for Tapped Base Model BTB20	-

## 2-Bolt Flange Normal Duty with Contact Seal

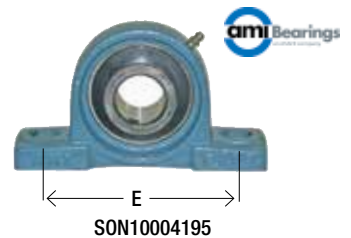
- **Used on:** Sonny's Buff-n-Dry, 2K14 Top Brush and DCW Top Brush



Item #	Description	"E"
SON10004346	AMI Bearing 2-Bolt Flange 1/2in	3-35/64in
SON10004277	AMI Bearing 2-Bolt Flange 1in	3-57/64in
SON10004900	AMI Bearing 2-Bolt Flange 1-1/4in	5-1/8in
SON10005005	AMI Bearing 2-Bolt Flange 1-1/2in	5-43/64in
SON10005636	AMI Bearing 2-Bolt Flange 1-15/16in	6-3/16in
SON10004898	AMI Bearing 2-Bolt Flange 1-7/16in	5-1/8in
SON10005507	AMI Bearing 2-Bolt Flange UCFL210-32 2in	6-3/16in
SON10006163	AMI Bearing 2-Bolt Flange UCFT211-32 2in	7-1/4in

## 2-Bolt Pillow Block Normal Duty with Contact Seal

- **Used on:** Side Brushes
- \* **Note:** Min "E" Measurement Shown



Item #	Description	"E"
SON10004195	AMI Bearing 2-Bolt Pillow Block 3/4in	3-3/8in*
SON10004278	AMI Bearing 2-Bolt Pillow Block 1in	3-3/4in*
SON10004899	AMI Bearing 2-Bolt Pillow Block 1-1/4in	4-11/16in*
SON10005450	AMI Bearing 2-Bolt Pillow Block 1-15/16"	5-7/8in*
SON10005079	AMI Bearing 2-Bolt Pillow Block 1-1/2in	4-7/8in*
SON10005911	AMI Bearing 2-Bolt Pillow Block 2in	6-3/8in*
SON10006308	AMI Bearing 2-Bolt Pillow Block 2-7/16in	6-7/8in*



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## 2-Bolt Tapped Base Pillow Block

- 1-1/4in bore bearing
- **Used on:** Sonny's Tire Seal, Tire Brush, Wipe-O-Matic and Grill Brush



Item #	Description	"E"
SON10004526	AMI Bearing 2-Bolt Tapped Base 1in	2in
SON10004939	AMI Bearing 2-Bolt Tapped Base 1-3/16in	3in
SON40010794	AMI Bearing 2-Bolt Tapped Base 1-1/4in	3-1/4in
SON10005478	AMI Bearing 2-Bolt Tapped Base 1-1/2in	3-1/2in

## 2-Bolt Tapped Base Stainless Steel

- Shaft Diameter: 1-1/4in with set screw locking
- **Used on:** Sonny's Tire Seal and Tire Brush



Item #	Description	"E"
SON10006761	AMI Bearing 2-Bolt Stainless Stl 1-1/4in	3-1/4in

## 2-Bolt Tapped Base Thermoplastic Housing

- Shaft Diameter: 1-1/4in with set screw locking
- Machined to accept bearing cap
- **Used on:** Sonny's Tire Seal and Tire Brush



Item #	Description	"E"
SON10006524	AMI Bearing 2-Bolt Thermoplastic 1-1/4in	3-1/4in

## 3-Bolt Flange Normal Duty with Contact Seal

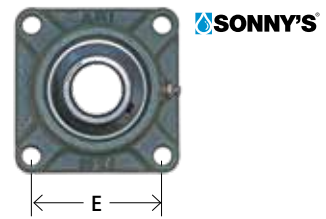
- Shaft Diameter: 1-1/4in with set screw locking
- Has (2) Zerk fitting taps for greasing
- **Used on:** Sonny's Conveyor Air Take-up Roller-up Fork and Conveyor Exit Soft Drop Door



Item #	Description	"E"
SON10005208	AMI Bearing 3-Bolt Flange 1-1/4in	1-7/8in

## 4-Bolt Flange Normal Duty

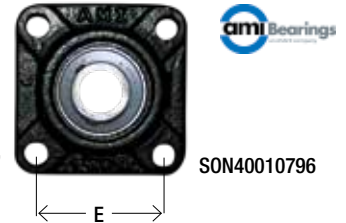
- Shaft Diameter: 1-3/8in with set screw locking
- **Used on:** Sonny's Vacuum Turbine



Item #	Description	"E"
SON10012534	Bearing 4-Bolt Flange Replacement 1-3/8"	3-5/8in

## 4-Bolt Flange Normal Duty with Contact Seal

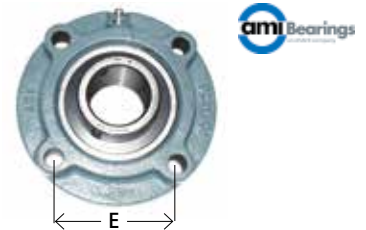
- **Used on:** Sonny's Buff-n-Dry Top Brush, Buff-n-Dry Wrap Around, 2K14 Top Brush, DCW Top Brush



Item #	Description	"E"
SON10004155	AMI Bearing 4-Bolt Flange 3/4in	2-1/2in
SON10004279	AMI Bearing 4-Bolt Flange 1in	2-3/4in
SON40010796	AMI Bearing 4-Bolt Flange 1-1/2in	4 in
SON10005572	AMI Bearing 4-Bolt Flange 1-15/16in	4-3/8in
SON10005824	AMI Bearing 4-Bolt Flange MD 1-1/2in	4-1/8in
SON10005819	AMI Bearing 4-Bolt Flange 2in	5-1/8in

## 4-Bolt Piloted Flange Bearing for Hanna™ Wrap Around

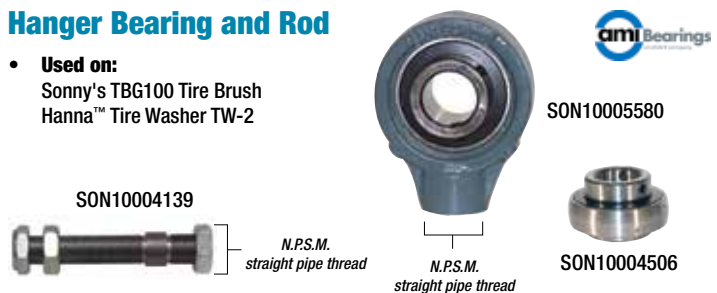
- Shaft Diameter: 1-1/2in with set screw locking
- **Used on:** Hanna™ Wrap Around



Item #	Description	"E"
SON10005706	AMI Bearing 4-Bolt Piloted Flange 1-1/2"	3-1/16

## Hanger Bearing and Rod

- **Used on:** Sonny's TBG100 Tire Brush, Hanna™ Tire Washer TW-2



Item #	Description
SON10005018	AMI Bearing Hanger UCECH205-16 1in
SON10005580	AMI Bearing Hanger UCECH207-20 1-1/4in
SON10004506	AMI Bearing Insert UC207-20 1-1/4in
SON10004139	Rod with Nuts for Hanger Bearing



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## 4-Bolt Flange Thermoplastic Housing

- Shaft Diameter: 1-1/2in
- Lubrication fitting tap: 1/4-28 UNF
- **Used on:** Sonny's Wrap Arounds



Item #	Description	"E"
SON10006212	AMI Bearing 4-Bolt Thermoplastic 1-1/2in	4in

## Bearing ER Insert

- **Used on:** Hanna Tire Washer TW-2  
#SON10004185 for Tire Brush  
#SON10004972 for Rocker Brush
- ER bearing with contact seal



Item #	Description	"E"
SON10004185	AMI Bearing Insert SER205-16 1in	
SON10004972	AMI Bearing Insert SER208-24 1-1/2in	

## Rod End Bearing – Self-Lubricating with Composite Lining

- **Used on:** Belanger®
- Thread Direction: Right Hand



Item #	Description	"E"
SON10005248	Rod End Bearing Male 3/4in no/Zerk	

## Rod End Bearing Male with Bronze Race and Zerk Fitting

- Thread Direction: Right Hand
- **Used on:** Sonny's Mitter and DCW Top Brush



Item #	Description	"E"
SON10003961	Rod End Bearing Male 1/2in w/Zerk	
SON10004284	Rod End Bearing Male 5/8in w/Zerk	
SON10004633	Rod End Bearing Male 3/4in w/Zerk	

## 4-Bolt Pillow Block Thermoplastic Bearing

- Shaft Diameter: 1-1/4in
- **Used on:** Sonny's DCW Top Brush



Item #	Description	"E"
SON10012709	EDT Timken Bearing 4-Bolt TPE 1-1/4in	2-3/4in

## Rod End Bearing Female with Bronze Race and Zerk Fitting

- Thread Direction: Right Hand
- **Used on:** Sonny's 2K14 Top Brush and TBG300 Tire Brush and Tire Seal, Buff-N-Dry Wrap and DCW Top Brush



SON10003905

\* No Zerk Fitting

Item #	Description	"E"
SON10002978*	Rod End Bearing Female 5/16in no/Zerk	
SON10010812	Rod End Bearing Female 7/16in w/Zerk	
SON10003355	Rod End Bearing Female 3/8in w/Zerk	
SON10003645	Rod End Bearing Female 7/16in w/Zerk	
SON10003905	Rod End Bearing Female 1/2in w/Zerk	
SON10004337	Rod End Bearing Female 5/8in w/Zerk	
SON10004632	Rod End Bearing Female 3/4in w/Zerk	

## Timken® Bearings

- **Timken® bearings are used on the most severe applications**
- **Tested in mining operations**
- **Highest load ratings in the industry**
- **Rugged steel housings are standard and include a lifetime housing breakage guarantee**

## 2-Bolt Flange Roller Bearing

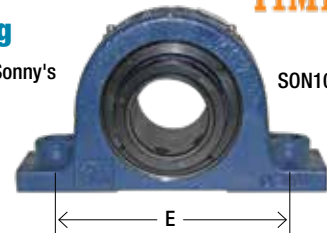
- Shaft Diameter: 1-15/16in with set screw locking
- **Used on:** Sonny's Over-Under Conveyors



Item #	Description	"E"
SON10007637	Bearing 2-Bolt Flange 1-15/16in Timken	6-3/16in
SON10012100	Ent/Ext Sonny's SC78/D88K Conv Hdw Kit	

## 2-Bolt Pillow Block Double Roller Bearing

- #SON10007357 Standard on Sonny's SF50, SF63 Side Washers
- #SON10007439 Standard on Sonny's Wrap Around and DCW Top Brush



SON10007439

Item #	Description	"E"
SON10007357	Bearing 2-Bolt Pillow Block 1.5in Timken	5-13/32in
SON10007439	Bearing 2-Bolt Pillow Block 2in Timken	6-23/32in

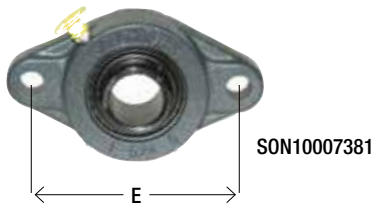


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## 2-Bolt Flange MSFT Series Medium-Duty



Item #	Description	"E"
SON10006462	SM-SFT16C Bearing 2-Bolt Flange 1in	3-5/7/64in
SON10007381	SM-SFT31C Bearing 2-Bolt Flange 1-15/16	6-3/16in
SON10007533	SM-SFT32C Bearing 2-Bolt Flange 2in	7-1/4in

## 2-Bolt Pillow Block NP Series Standard-Duty



Item #	Description	"E"
SON10006461	SM-NP16C Bearing 2-Bolt PB 1in	3-7/8in
SON10006951	SM-NP20C Bearing 2-Bolt PB 1-1/4in	4-11/16in
SON10006952	SM-NP23C Bearing 2-Bolt PB 1-7/16in	4-11/16in
SON10007063	SM-NP24C Bearing 2-Bolt PB 1-1/2in	4-7/8in

## 2-Bolt Tapped-Base Pillow Block

- Shaft Diameter: 1in with set screw locking
- **Used on:** Belanger® Tire Brush



Item #	Description	"E"
SON10006953	SM-TB16C Bearing 2-Bolt Tapped Base 1in	2in

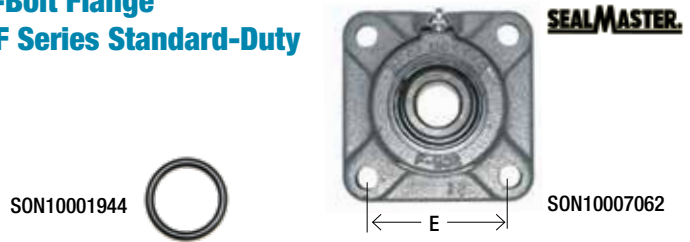
## 3-Bolt Flange

- Cast Iron Housing
- **Used on:** Belanger® Tire Brush



Item #	Description	"E"
SON10006513	SM-FB10C Bearing 3-Bolt Flange 5/8in	1-1/2in
SON10007023	SM-FB16C Bearing 3-Bolt Flange 1in	1-5/8in
SON10007236	SM-FB20C Bearing 3-Bolt Flange 1-1/4in	1-7/8in
SON10007017	SM-FB23C Bearing 3-Bolt Flange 1-7/16in	2in

## 4-Bolt Flange SF Series Standard-Duty



Item #	Description	"E"
SON10006460	SM-SF16C Bearing 4-Bolt Flange 1in	2-3/4in
SON10006025	SM-SF19C Bearing 4-Bolt Flange 1-3/16in	3-1/4in
SON10007062	SM-SF24C Bearing 4-Bolt Flange 1-1/2in	4in
SON10001944	SM-B1010 O-Ring for 4-Bolt Flange SF22	-

## 4-Bolt Flange MSF Series Medium-Duty

- **Used on:** Belanger® Wrap Around
- Shaft Diameter 1-1/2in with set screw locking
- Cast Iron Housing



Item #	Description	"E"
SON10007312	SM-MSF24C Bearing 4-Bolt Flange 1-1/2in	4-1/8in

## Sonny's 5/8in I.D. UHMW Bushing

- **Used on:**  
Sonny's Spinner  
Sonny's OMNI



Item #	Description
SON20000572	Bushing 5/8in I.D. for OMNI Drive Arm

## Sonny's 3/4in Bore UHMW Bearing

- **Used on:**  
Sonny's 104 and 100 Flat Basket,  
Front-to-Back Mitter,  
Sonny's 801 and 802 Side-to-Side Mitter



Item #	Description
SON20007269	Bearing 2-Bolt 3/4in Bore for Ladder

## Sonny's 1in Bore UHMW Bearing

- **Used on:**  
Sonny's Flat Basket Mitter  
Sonny's OMNI



Item #	Description
SON20007266	Bearing 2-Bolt 1in Bore for Mitter Axle



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## Sonny's 1-1/4in Bore UHMW Bearings



- **Used on:**  
Sonny's 202, 236, 901 Front-to-Back Mitters  
Sonny's 804, 805, 807 Side-to-Side Mitters
- 4in round x 1-1/2 in wide



Item #	Description
SON20001072	Bearing 4-Bolt 1-1/4in Bore Mitter Axle

## Sonny's 1-1/2in Bore UHMW Bearing



- **Used on:** Sonny's OMNI Manifold Basket



Item #	Description
SON20003729	Bearing 2-Bolt 1-1/2in Bore for OMNI

## Sonny's 1in Bore UHMW Bearing



- **Used on:** All Sonny's Flat Basket Mitters SFM Models 100/104/801/802
- Order cover plate #SON20000396 separately if needed



SON20007267



SON20000396



SON20004945

Item #	Description
SON20007267	Bearing Block 1in Bore, Flat Mitter
SON20000396	Cover Plate for Flat Basket Mitter Block
SON20004945	Spacer 1in Bore for Flat Basket Axle

## Sonny's 1-1/4in Bore UHMW Bearings



- **Used on:**  
Sonny's 202, 236, 901 Mitter  
Sonny's 804, 805, 807 Mitter
- Order cover plate #SON20004618 separately if needed



SON20007272



SON20004618



SON20000501

Item #	Description
SON20007272	Bearing Block 1-1/4in Bore, Moon Mitter
SON20004618	Cover Plate for Moon Mitter Block
SON20000501	Spacer 1-1/4in Bore for Moon Mitter Axle

## Sonny's 1-1/4 Bore UHMW Bearing



- **Used on:** Sonny's 807 Flat Mitter Basket
- (4) black plastic blocks needed to rebuild
- Order cover plates separately if needed



SON20005097



SON20004618

Item #	Description
SON20005097	Bearing Block SFM807 Flat Lower Basket
SON20004618	Cover Plate for Moon Mitter Block

## 2-Piece Clamp Style Collar 304 Stainless Steel



- **Used on:** Gator, Electric, BM Side Brush and Wraps



SON10003648

Item #	Description
SON10003648	Collar 2pc Clamp 1in I.D. SS
SON10004086	Collar 2pc Clamp 1-1/4in I.D. SS
SON10004242	Collar 2pc Clamp 1-1/2in I.D. SS

## 2-Piece Clamp Style Collar Zinc Plated



- **Used on:** Hydraulic Side Brush, Grill Brush, Wrap Arounds and Top Brush
- **Includes:** Set screw for tightening onto woodruff key



Item #	Description
SON10003530	Collar 2pc Clamp 1-3/8in I.D w/Set Screw

## 2-Piece Clamp Style Collar Zinc Plated



- **Used on:** SFM202, 236, 901 Mitters and Pendulum



SON10003082

Item #	Description
SON10003082	Collar 2pc Clamp 1-1/4" I.D. Zc Plated
SON10003529	Collar 2pc Clamp 1-3/8" I.D. Zc Plated
SON10003420	Collar 2pc Clamp 1-1/2in I.D. Zc Plated

## 1-Piece Clamp Style Collar



- **Used on:** Sonny's OMNI Basket



SON10002664

Item #	Description
SON10002664	Collar 1pc Clamp 1in I.D. Zc Plated
SON10003173	Collar 1pc Clamp 1-1/2in I.D. Zc Plated
SON10011232	Collar 1pc Clamp 1-1/4in I.D. SS



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## HMB200 3/4in x 3/4in Bore Sonny's UHMW Bearing for Hanna™ Mitter

- Bearing measures 2-3/4in L x 2in W x 2in H for 3/4in x 3/4in bore



Item #	Hanna #	Description
SON20005125	752865	Bearing Block Hanna 3/4in x 3/4in Bore

## HMB200 1in x 1in Bore Sonny's UHMW Bearing for Hanna™ Mitter

- Bearing measures 2-3/4in L x 2in W x 2in H for 1in x 1in bore



Item #	Hanna #	Description
SON20004798	740373	Bearing Block for Hanna 1in x 1in Bore

## HMB200 1in x 3/4in Bore Sonny's UHMW Bearing for Hanna™ Mitter

- Bearing measures 2-3/4in L x 2in W x 2in H for 1in x 3/4in bore



Item #	Hanna #	Description
SON20003688	740381	Bearing Block Hanna 1in x 3/4in Bore

## HMB100 1in Bore Sonny's UHMW Bearing for Hanna™ Mitter

- Bearing measures 5in L x 2in W x 2in H for 1in bore



Item #	Hanna #	Description
SON20003689	740365	Bearing Block for Hanna 1in Bore

## HMB300 1in Bore Sonny's UHMW Bearing for Hanna™ Mitter

- Bearing measures 5in L x 2-5/8in W x 1-1/2in H for 1in bore (split)



Item #	Hanna #	Description
SON20006835	751925	Bearing Block for Hanna Split 1in Bore

## Bearing for Sonny's TBG300

- Clamps around Sonny's 2in x 3in aluminum extrusion
- 1/4in bore



Item #	Description
SON20014374	TBG300, Bearing Plate Assy 1-1/4in Bore

## HMB500SK Sonny's UHMW Bearing for Hanna™ Mitter with Cover Plate

- Bearing measures 5-1/4in L x 1-1/2in W x 2-1/2in H for 1-1/2in bore (split)
- Order cover plate #SON20004618 separately if needed



Item #	Hanna #	Description
SON20004767	803180	Bearing Block Hanna Split 1.5 Bore w/CP
SON20004618	-	Cover Plate for Moon Mitter Block

## Sonny's UHMW Bearings for Belanger® Mitter

- #SON20007266 Used on:  
Flat Basket Mitter Shaft
- #SON20003712 Used on:  
Ladder Rack and Belanger Mitter



Item #	Description
SON20007266	Bearing 2-Bolt 1in Bore for Mitter Axle
SON20003712	Bearing 4-Bolt 1/2in Bore for Belanger

## Sonny's UHMW Wheels for Belanger® Wrap Around

- SON20005250 Wrap Wheel, Long 4in without Bearing
- SON20003739 Wrap Wheel, Short 3.5in without Bearing



## Solid Shaft Collar 304 Stainless Steel

- Used on: Sonny's Fleet-O-Matic



Item #	Description	O.D.	Width
SON10002187	Collar Solid SS 3/4in I.D. x 9/16in W	1-1/4in	9/16in
SON10002578	Collar Solid SS 7/8in I.D. x 9/16in W	1-1/2in	9/16in
SON10002959	Collar Solid SS 1in I.D. x 5/8in W	1-5/8in	5/8in
SON10003724	Collar Solid SS 1-1/2in I.D. x 3/4in W	2-1/4in	3/4in



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