

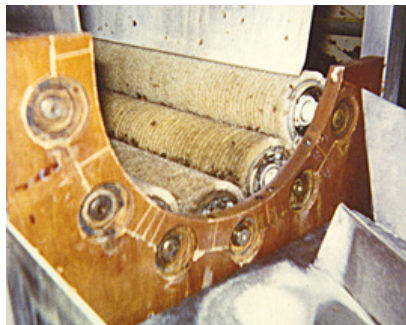


PEELER BEARINGS SCRUBBER BEARINGS

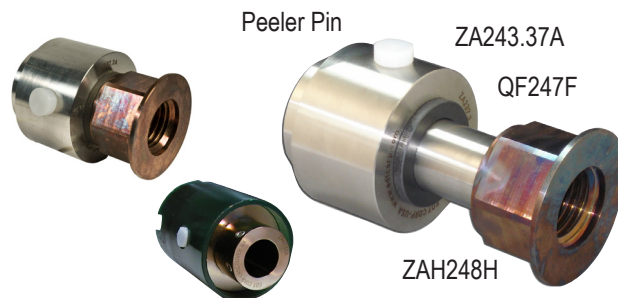
Peeler bearings need no maintenance all season long

- Plane bearings of high performance polymer and stainless steel eliminate corrosion and product contamination
- Greaseless operation
- Unaffected by water, starch, or peels
- Designed for discharge end of chamber
- Processing fluid on the output/wet end keeps the polymer bearing material cool
- Replace bearing (QF247F) when brushes are changed (other parts re-usable)

Potato Peeler/Scrubber bearings for abrasive environments



EDT SGH



Equipment: VanMark, Hawkeye, Lyco

	Original Bearing	EDT Bearing
Bearing	1-3/16" steel cartridge unit	EDT SGH 4 piece bearing assembly of hardened stainless sleeve, QF polymer bearing, stainless outer cartridge with anti-rotation pin
Failure	<ul style="list-style-type: none"> ▪ Potato starch rusts roller bearings ▪ Water washdown flushes grease out of bearing 	<ul style="list-style-type: none"> ▪ General and predictable wear ▪ Bore elongates over time ▪ No catastrophic failures ▪ "QF" material withstands water, starch, abrasives ▪ Requires no grease
Length of Service	1-4 months	8 to 18 months
Maintenance Required	Frequent greasing and replacement due to water, starch, and potato peels	<ul style="list-style-type: none"> ▪ Install only on WET END - bearings must run wet ▪ No grease or other maintenance with proper installation ▪ Typically change polymer bearing when brushes are changed ▪ Change sleeve when worn, or seasonally ▪ Re-use cartridge
Features & Benefits	Original equipment component	<ul style="list-style-type: none"> ▪ Zero maintenance ▪ Less downtime ▪ Further reduce maintenance costs by re-using some parts ▪ Lower cost of ownership



PATUPB-01 arbor tool assists installation and removal of QF247F

Compare the costs of ownership of peeler bearings

COMPARE THE COSTS OF OWNERSHIP OF

PEELER BEARINGS

EDT Peeler Bearings save money, time, and labor!

Cost of original peeler bearing over 2 years

Based on
bearing lasting
3 months



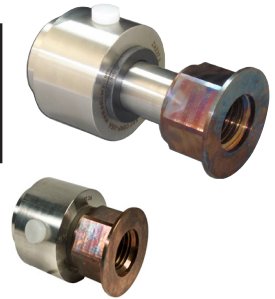
• Cost to purchase OEM bearing	\$168.00
• Cost to install original bearing \$22/hr labor x 1/2 hour (\$22/hr = \$0.37/minute)	\$11.00
• Cost of lubricant: Lupriplate FLG 30¢/ounce x 1 ounce Labor (0.37 x 2 min) per day x 5 days per week x 52 weeks	\$ 0.30 0.74 <u>x 260</u> \$270.40
• Cost to replace bearing at \$22/hour labor x 1/2 hour Cost of bearing x 3 (replace bearing every 3 months)	\$ 11.00 168.00 <u>x 3</u> \$537.00
Total year 1 cost	\$986.40
• Year 2 cost: \$22/hour labor x 1/2 hour x 4 changes Cost of OEM bearing x 4 replacements Lubrication	\$ 44.00 672.00 <u>270.40</u> \$986.40

Total 2-year cost of original bearing: \$1,972.80

Cost of **EDT Peeler Bearing** over 2 years

Based on:

- Sleeve lasting 1 year
- Bearing lasting 6 months
- Cartridge lasting 2 years



• Cost to purchase EDT SGH ZAH248H sleeve QF247F bearing ZA237.3A cartridge w/pin	\$250.00 100.00 115.00 <u>\$465.00</u>
• Cost to install bearing at \$22/hr labor x 1/2 hour	\$11.00
• Cost of lubricant	\$0.00
• Cost to change out components at \$22/hour labor x 1/2 hour x 1 Change bearing every 6 months QF247F	\$ 11.00 100.00 <u>\$111.00</u>
Total year 1 cost	\$587.00
• Year 2 cost: \$22/hour labor x 1/2 hour x 2 Replace ZAH248H sleeve at 12 months Replace QF247F brg at months 12 & 18	\$ 22.00 250.00 200.00 <u>\$472.00</u>

**Total 2-year cost
of EDT Peeler Bearing \$1,059.00**

Original bearing cost..... \$1,972.80 per bearing over 2 years
versus EDT bearing cost \$1,059.00 per bearing over 2 years

2-YEAR SAVINGS PER BEARING \$913.80 x 8 bearings per peeler = \$7,310.40 savings

Plus significantly reduced maintenance scheduling and downtime!

The above illustration is based on average plant conditions.

Individual results can vary based on breeding recipe, installation and maintenance practices, and environmental conditions.