

BEARINGS FOR SEVERE ENVIRONMENTS

6/20/07



POTATO PEELER BEARING SETS



VanMark Peeler Bearing

ZAH248E hardened stainless sleeve
[ZAH248D sleeve for Model 2700]
ZA237.3A stainless housing
QF247B flanged polymer bearing

EDT SBR indicates 3-piece assembly
with ZAH248D or ZAH248E + QF247B

EDT SGR indicates assembly with ZAH248G + QF247F + ZA237.3A



Lyco Peeler Bearing

ZAH130B hardened sleeve
ZA237.3A stainless housing
includes anti-rotation pin
QF247B flanged polymer bearing

Customer must have urethane outer-housing

Peeler bearing assemblies are designed for the discharge-end of the rollers.

- Plane bearing Peeler Bearings are NOT designed to be used on the drive/infeed end.
- Maximum recommended rpm is 350. (At higher speeds, bearings do not last as long.)
- Processing fluid on the output/wet end helps to keep the polymer bearing material cool
- Can change-out components as needed (not necessary to get all new assembly each time that peeler/scrubber brushes are changed)

Peeler (or Scrubber) bearings are a Successful Bearing Application by EDT Corp



peeler pin



POTATO PEELER (VanMark - Hawkeye - Lyco)

**EDT SBR
or
EDT SG1**

EDT can assist with selecting the mating components

Installation/Replacement tool is PATUPB-01



Abrasive rollers

	Original Bearing	EDT Bearing
Bearing	1-3/16" steel cartridge unit	EDT SBR, 3 piece bearing assembly of hardened shaft sleeve, polymer bearing and stainless outer cartridge
Failure	<ul style="list-style-type: none"> • Potato starch rusts roller bearings • Water washdown runs grease out of housing. 	<ul style="list-style-type: none"> • General and predictable wear • Bore elongates over time • No catastrophic failures • 'QF' material withstands water, starch, abrasive and 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	No grease or other maintenance with proper installation Install only on WET END - bearings must run wet
Features & Benefits	Original equipment component	<ul style="list-style-type: none"> • Zero maintenance • Less downtime • Replaceable components further reduce maintenance costs • Lower cost of ownership

See more **Successful Bearing Applications** in EDT's publication of the same name, or on the website: www.edtcorp.com * "Successful Applications"