

Impeller Removal and Installation

Threaded Impellers

(17000A*, 18000, 22000, 26000, and 27000). Patent No. 6,116,855.

*17000A standard impeller in 17000K is threaded/thru-key design (**Patent Pending**).

Removal

- Remove the cover.
- Insert the Sherwood puller into the threaded insert.
- Screw the puller against the shaft, lifting the impeller out of the housing or until loose.
- Twist and pull the impeller out of the pump.

Installation

- Apply a non-petroleum based lubricant to impeller (i.e. silicone or soapy water).
- Install the impeller with a twisting motion onto the shaft.
- Option: Use puller tool to push impeller into pump by loosening and lowering nut until tightens against impeller insert, then turning for installation.
- Then use a small amount of non-petroleum based lubricant to help hold the o-ring in place while replacing the cover.
- For the 17000K**, align key and keyway by rotating the impeller.

****Caution:** Replace impeller key and place the rubber cap over the key opening to prevent possible damage to the cover.

Thru-Key Design Impellers

(8000K, 10077K, 09000K, 09959K, 10615K, 15000K, 17000K*)

*17000A standard impeller in 17000K is threaded/thru-key design.

Removal

- Remove the cover.
- Twist and pull the impeller out of the pump.

Installation

- Apply a non-petroleum based lubricant to impeller (i.e. silicone or soapy water).
- For non-rock key version pumps, install the key into the shaft prior to installing the impeller.
- Install the impeller with a twisting motion onto the shaft.
- After the impeller is all the way on the shaft and into the housing, rotate the impeller to align the keyway of the shaft to the key slot on the shaft.
- Slide the impeller key into the keyway and if applicable place the rubber cap over the key opening.
- Then use a small amount of non-petroleum based lubricant to help hold the o-ring in place while replacing the cover.



Threaded Impellers



17000A Thru-Key Design



Thru-Key Impellers

*To maintain engine performance, insist upon genuine Sherwood impellers.
Keep it cool with the original!*

Impeller Specifications

10615K Width: 1-5/8" (41mm)

Diameter: 2-9/16" (65mm)

15000K Width: 2" (51mm)

Diameter: 2-9/16" (65mm)

09959K Width: 1-1/4" (32mm)

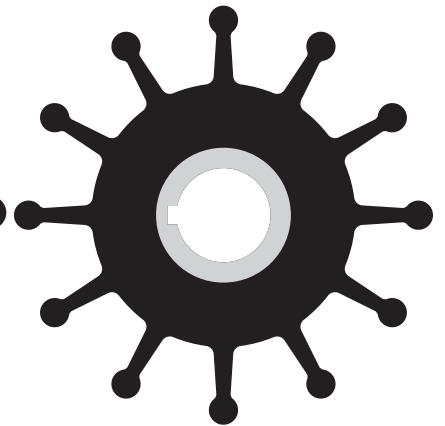
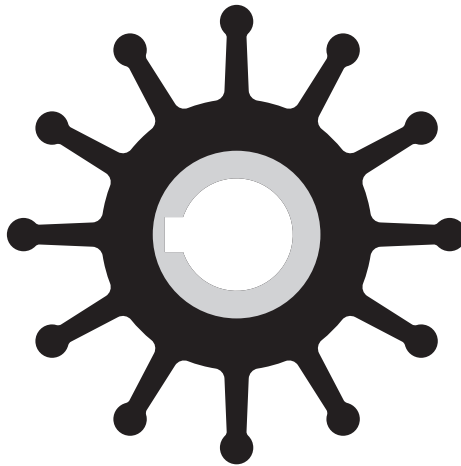
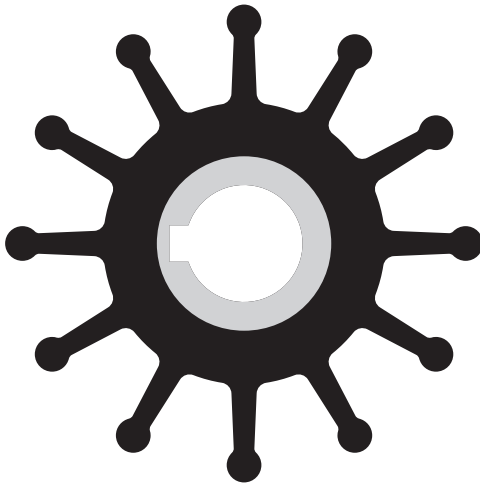
Diameter: 2-7/16" (62.5mm)

09000K Width: 7/8" (22mm)

Diameter: 2-7/16" (62.5mm)

10077K Width: 25/32" (20mm)

Diameter: 2-1/4" (57mm)



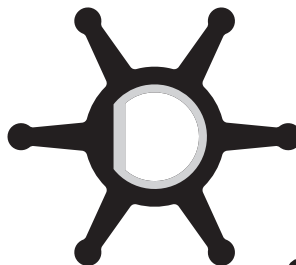
17000K Width: 2-7/8" (73mm)

Diameter: 3-5/16" (84mm)

Threaded/Thru-key
Insert

08000K Width: 3/4" (19mm)

Diameter: 1-9/16" (40mm)



18000K Width: 4" (102mm)

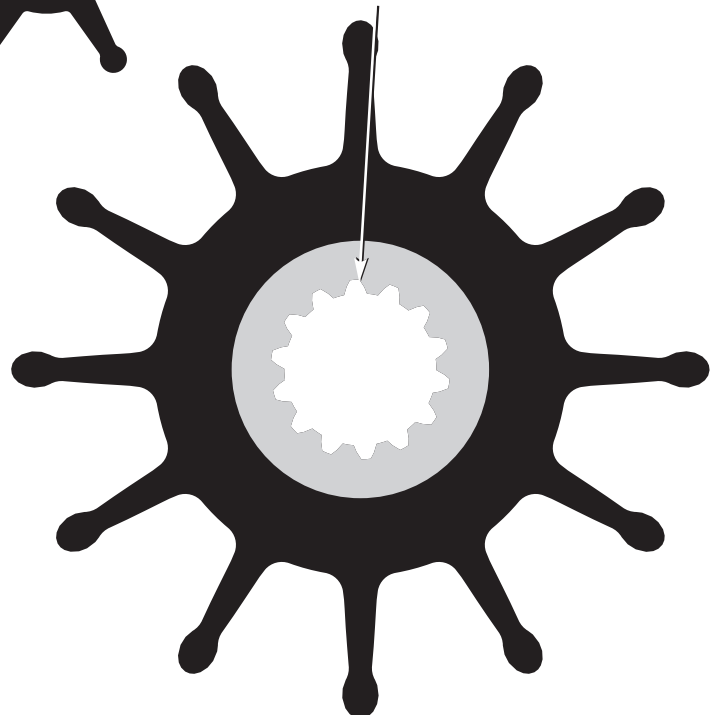
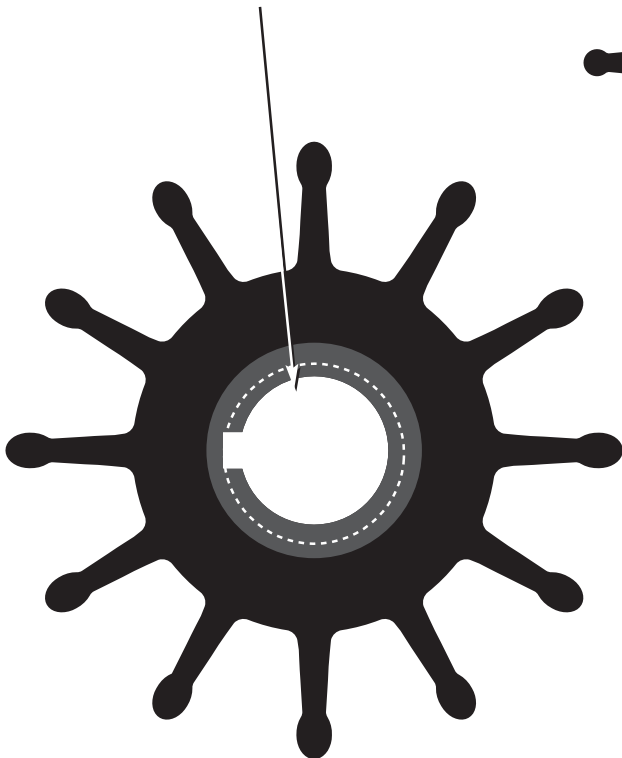
Diameter: 3-3/4" (95mm)

Note: 18000S is an 18000 impeller
with a stainless steel insert.

26000K Width: 3-1/8" (80mm)

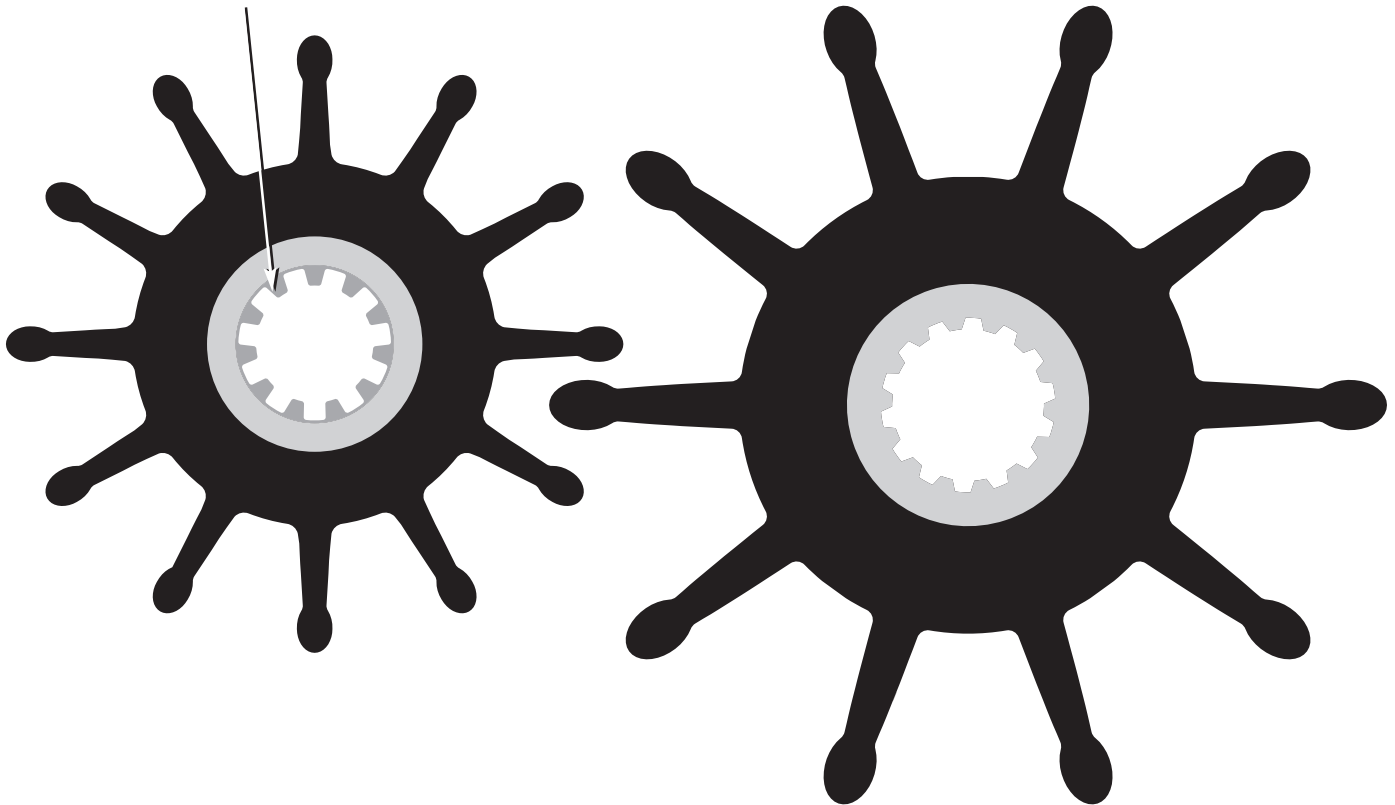
Diameter: 3-3/4" (95mm)

Note: 26000 has a 45° Spline.



27000K Width: 2-7/8" (73mm)
 Diameter: 3-5/16" (84mm)
 Splined Impeller

22000K Width: 4-5/16" (110mm)
 Diameter: 4-1/2" (114mm)



Additional Impellers

Part #	Diameter	Width	Shaft Diameter	Keyway	Number of Vanes
18200	2-9/16" (65mm)	2" (51mm)	5/8"	Spline	12
10187	2-19/32" (66mm)	1-31/32" (50mm)	5/8"	3/16"	9
10314	2-1/4" (57mm)	1-1/4" (32mm)	1/2"	1/8"	10

Vane Impellers

Vane Assembly Number	Vane Description	Number of Vanes Per Set	Vane Pumps
09731	1-1/4"L x 13/16"W x 1/8"H	7 (08888)	K9615G, K9635G, K9740G
09745	1-1/4"L x 13/16"W x 1/8"H	14 (08888)	K9529G, K9820G, L9841G, L9850G, L9870G, L9875G
09924	25/32"L x 11/16"W x 1/8"H	16 (09915)	L9910G, M10080G, N10160G

Impeller vanes were used for raw water pump applications prior to the design of the flexible rubber impeller. Vanes are packaged in sets and must be ordered by assembly number.

Seawater Strainer and Bracket



- Full-Flow Filtering with Ultra-Low Pressure Differential
- Easy In-Line Cleaning
- Durable Non-Corrosive Construction
- Quick Clear Bowl Examination
- Lightweight with Optional Mounting Bracket
- Stainless Steel Screens

Strainer Description

Strainer Number	Port Size (NPT)	Screen Mesh	Bracket No.
15935	1/2"	20 Mesh	N/A
18004	1/2"	50 Mesh	N/A
18001	3/4"	20 Mesh	14240
18005	1"	20 Mesh	14239
18016	1-1/4"	20 Mesh	14238
18029	1-1/2"	20 Mesh	21930

Strainer Components

Strainer Number	Screen No.	O-ring No.	Bowl No.
15935	11810	11805	14379
18004	11811	11805	14379
18001	11810	11805	14379
18005	11807	11803	14380
18016	14214	11803	14380
18029	16126	11803	14380

All Dimensions (In Inches):

