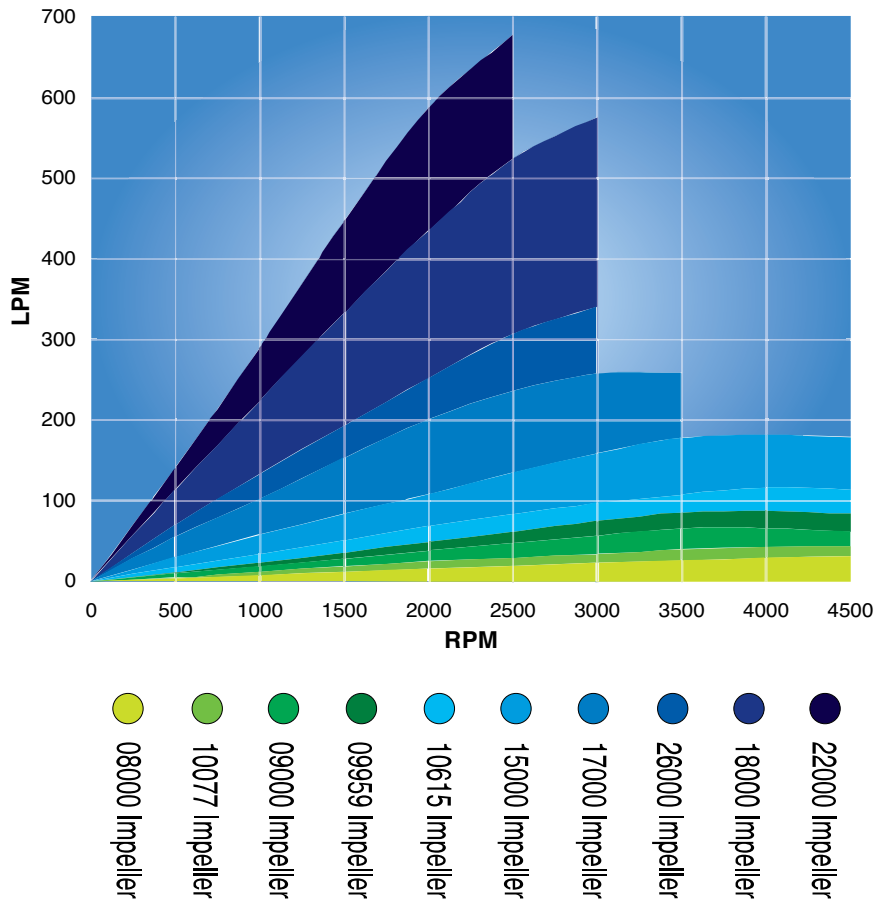




Impeller Performance



Genuine Sherwood Impellers & Impeller Kits

Patented Impeller Puller

17000A, 18000, 22000, 26000, 27000 impellers contain a patented threaded insert design. Patent No. 6,116,855. (Additional patent pending for the 17000A)

23631 Puller used for:

17000A, 18000, 22000, 26000

24412 Puller used for:

27000

Impeller Kits Include:

All Gaskets, O-rings, new Technical Service Guide and Engine Specified Impeller for up to 50 Sherwood pumps.

Impeller Kits Available:

08000K	17000K
09000K	18000K
10077K	22000K
09959K	26000K
10615K	27000K
15000K	



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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

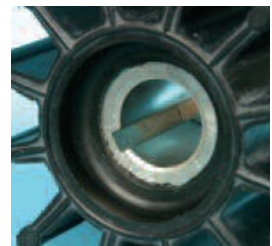
- Apply a non-petroleum based lubricant to impeller (i.e. silicone or soapy water).
- For non-rock key version pumps, install the key into the shaft prior to installing the impeller.
- Install the impeller with a twisting motion onto the shaft.
- After the impeller is all the way on the shaft and into 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!*

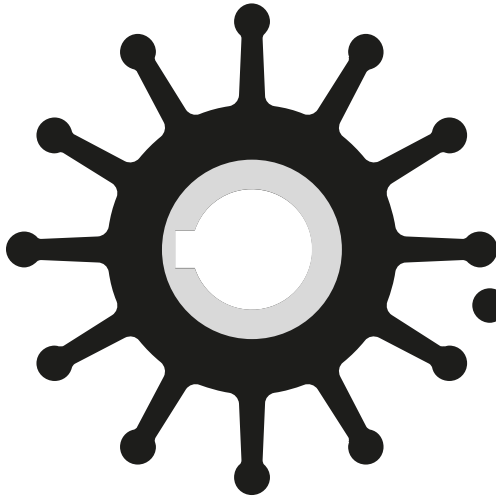




Impeller Specifications

10615K Width: 1-5/8" (41mm)
Diameter: 2-9/16" (65mm)

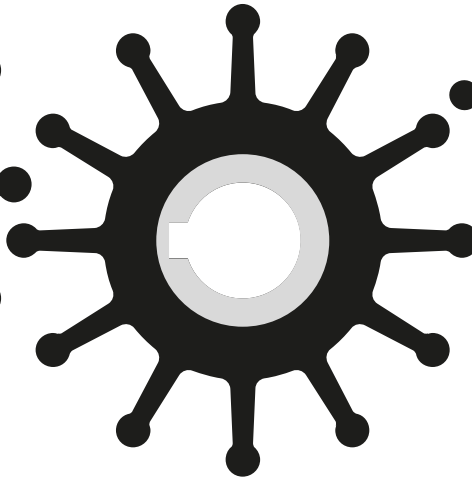
15000K Width: 2" (51mm)
Diameter: 2-9/16" (65mm)



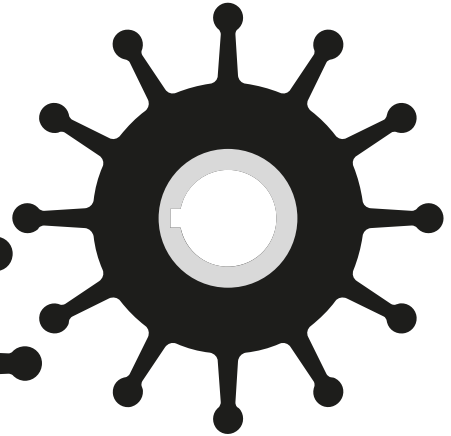
09959K Width: 1-1/4" (32mm)

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

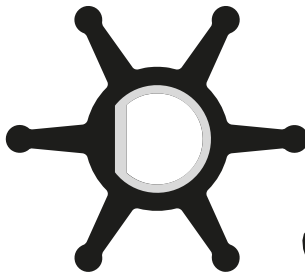
09000K Width: 7/8" (22mm)
Diameter: 2-7/16" (62.5mm)



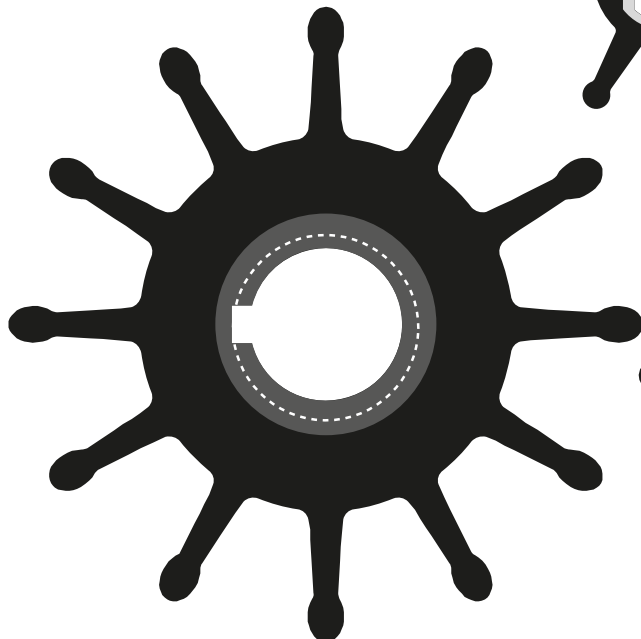
10077K Width: 25/32" (20mm)
Diameter: 2-1/4" (57mm)



08000K Width: 3/4" (19mm)
Diameter: 1-9/16" (40mm)



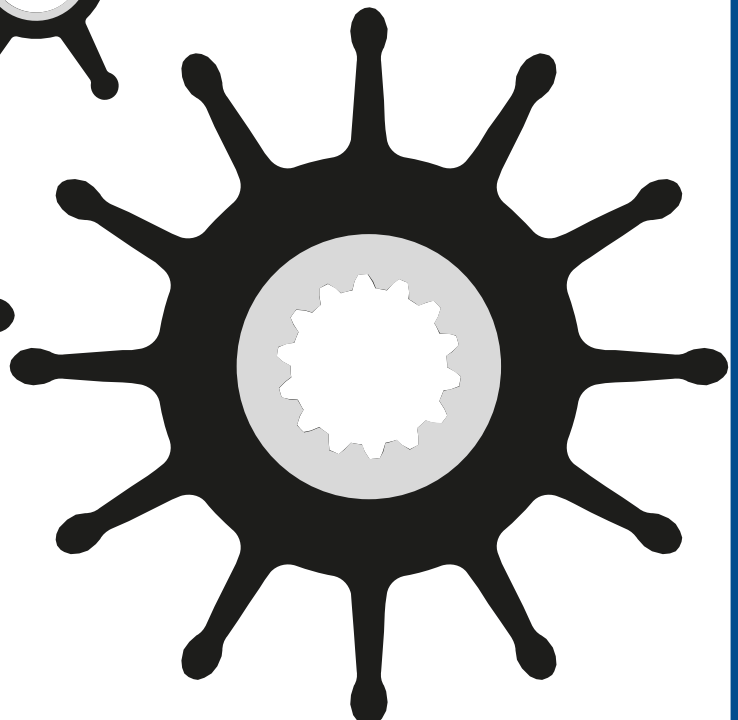
17000K Width: 2-7/8" (73mm)
Diameter: 3-5/16" (84mm)
Threaded/Thru-key Insert



18000K Width: 4" (102mm)
Diameter: 3-3/4" (95mm)

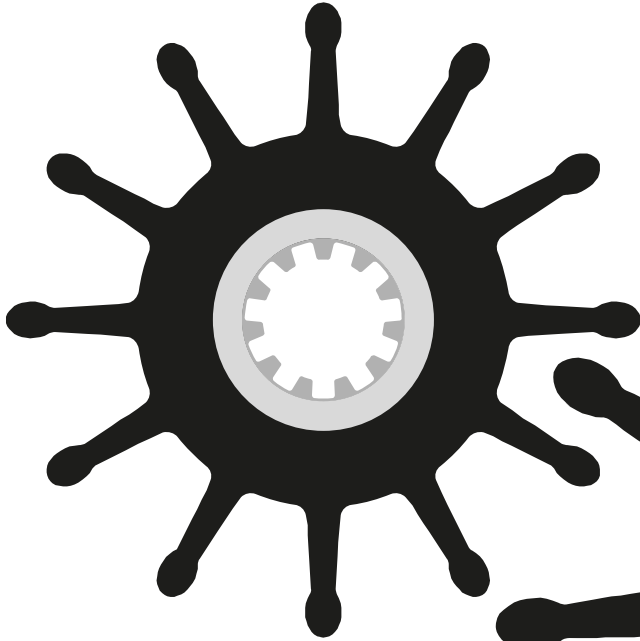
Note: 18000S is an 18000 impeller with a stainless steel insert.

26000K Width: 3-1/8" (80mm)
Diameter: 3-3/4" (95mm)
Note: 26000 has a 45° Spline.

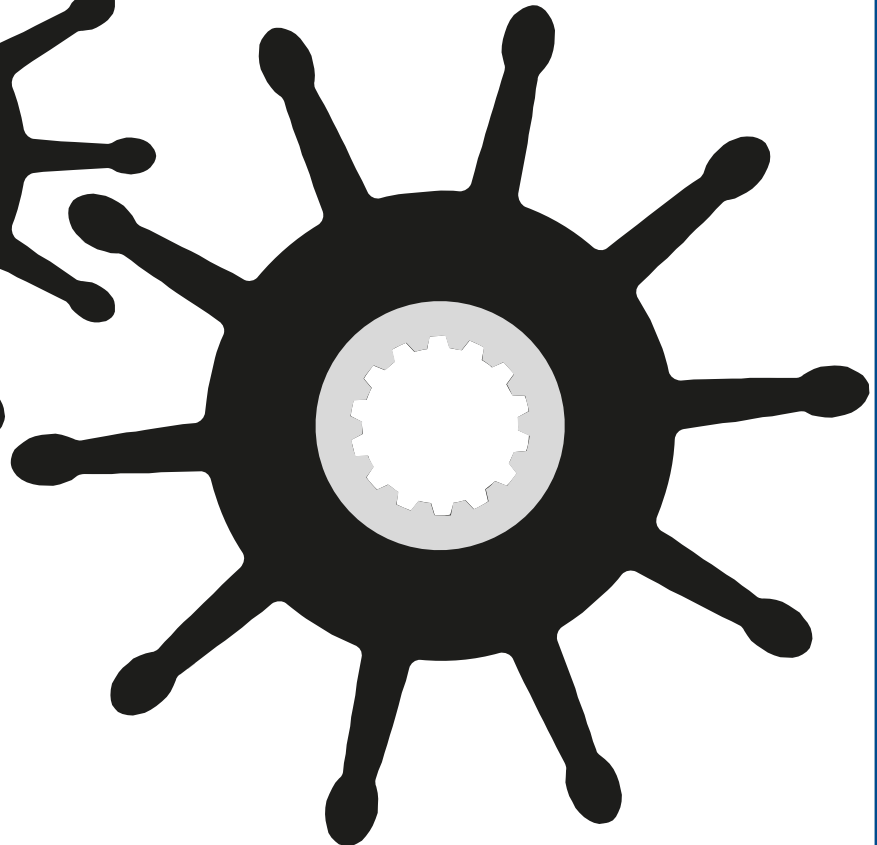




27000K Width: 2-7/8" (73mm)
 Diameter: 3-5/16" (84mm)
 Splined Impeller



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.

