

Selecting your Jabsco Replacement Impeller

There are several ways of identifying the part number of the correct Jabsco Impeller if you do not already know it.

1. If you have a Jabsco pump, the Jabsco Impeller part number can be found on the Data Sheet that is delivered with each pump.
2. If you have a Jabsco pump, but no data Sheet, and you know the full pump model number, go to pages 122-144, Pump Spares by Pump Model, and read off the correct Jabsco Impeller part number.
3. If you have another brand of pump, and you know their impeller part number, go to page 111, Upgrade to a Jabsco Impeller, and check for a Jabsco Replacement Impeller part number.
4. If you have the impeller in front of you:

Identify the impeller profile Code Letter by placing the impeller on the profiles on pages 104-106.

- Go to pages 107-108, Selection Table by Profile.
- Measure the Depth (see Chart A).
- Identify the Drive (see Chart B).
- Measure the Shaft Diameter (see Chart A).
- Select the material.
- Read off the part number.

5. If you do not have the impeller in front of you, but you can ask someone who does:

- Go to page 109, Selection Table by Dimensions.
- How many blades are there?
- What is the outside diameter? (see Chart A)
- What type of Drive is it? (see Chart B)
- What is the Depth? (see Chart A)
- What is the Shaft Diameter? (see Chart A)
- Which material do they need?
- Read off the part number.

6. If you have no information about the impeller at all, but you do know the make and model of the engine, go to pages 72-101, Cooling Pump Spares, and read off the impeller part number.

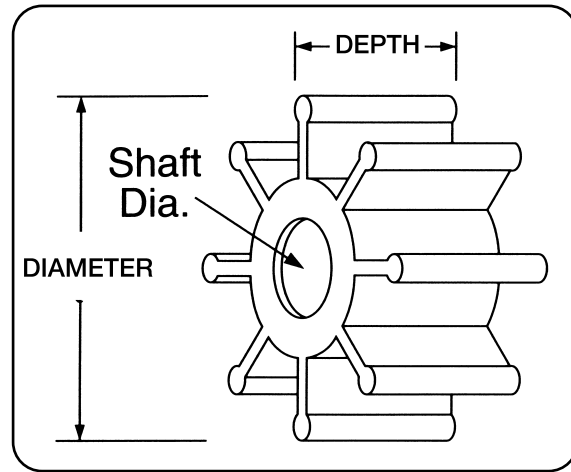


CHART A - Measuring Your Impeller

1	SLOTTED SHAFT PIN DRIVE	
2	THROUGH HOLE PIN DRIVE	
3	KEY DRIVE	
4	SINGLE FLAT DRIVE	
5	DOUBLE FLAT DRIVE	
6	DING DRIVE KEYWAY	
7	SPLINE DRIVE	
8	RIBBED SEGMENT KEY	

CHART B - Identifying the Impeller Drive

Flexible Impeller Removal Tool

The Flexible Impeller Removal Tool is the easiest way to remove impellers, especially when the pump is mounted in tight and cramped conditions.

- Simple three stage operation easily removes the impeller.
- Removes the risk of expensive damage to the pump.
- Manufactured from corrosion resistant cast aluminium and stainless steel.
- Two models fit all impellers.

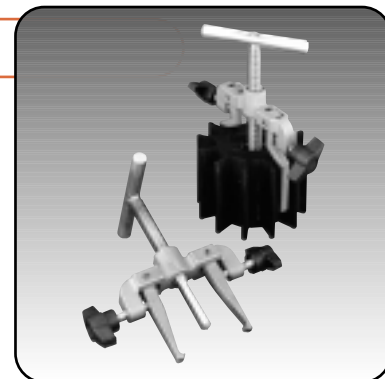
Size: 15cm wide x 2cm deep x 20cm high max (6" x 1" x 8")

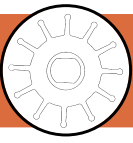
Weight: 0.5kg (1.1lb)

50070-0080 Compact version suitable for impellers up to 57mm (2^{1/4}")

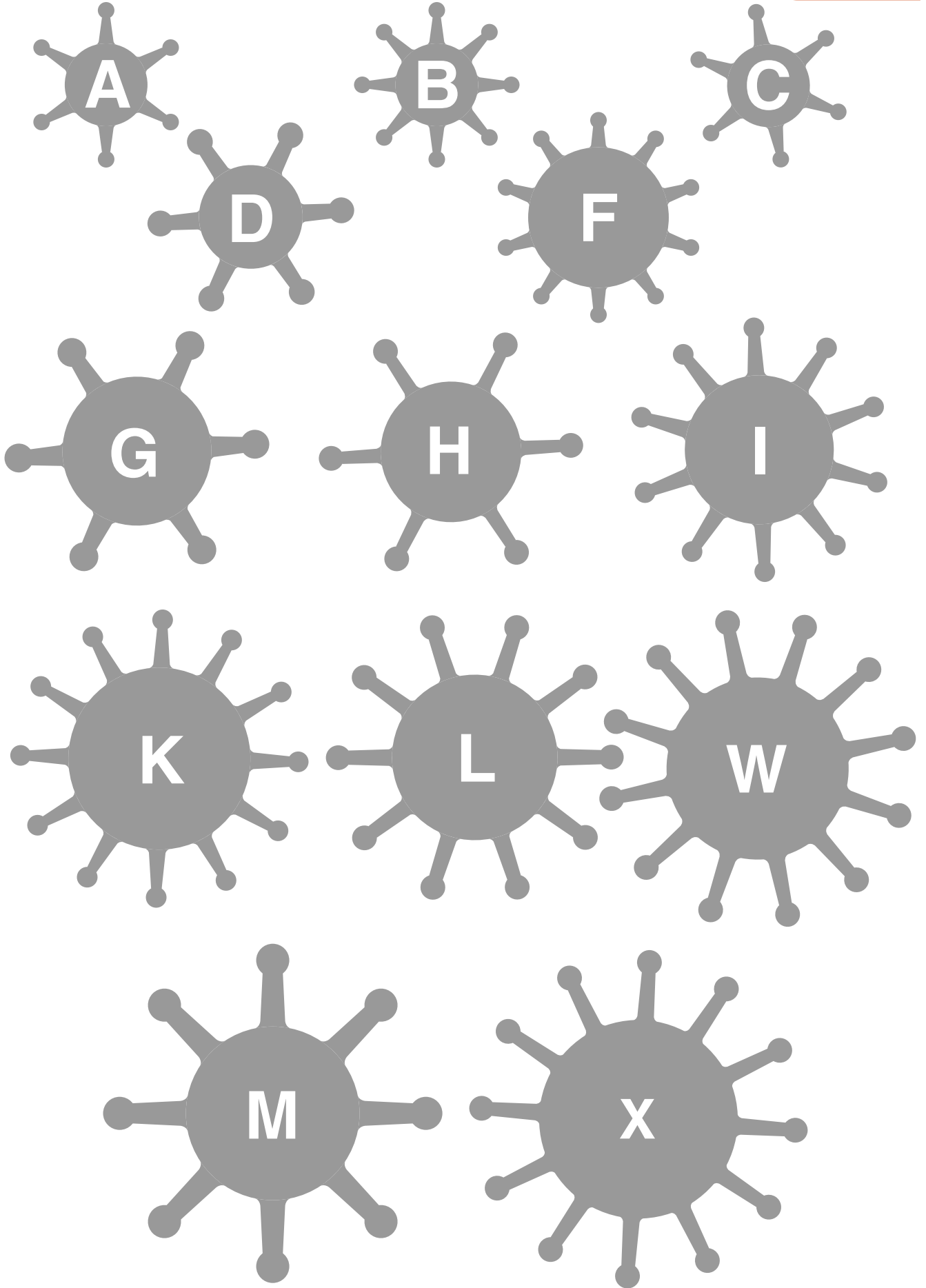
50070-0040 Suitable for impellers up to 65mm (2^{1/2}") diameter.

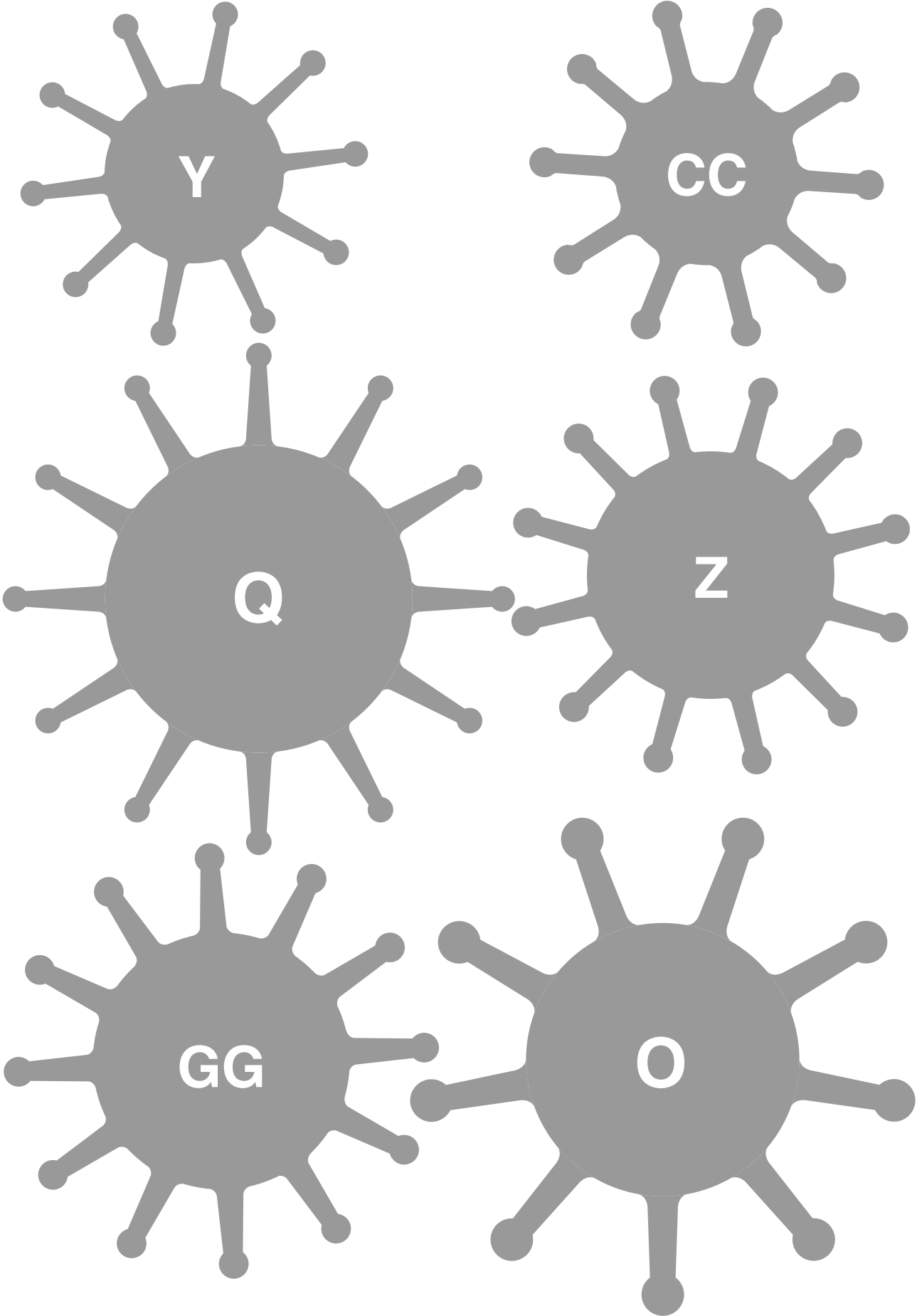
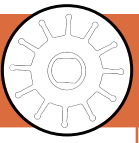
50070-0200 Suitable for impellers from 65mm (2^{1/2}") to 118mm (4^{1/2}") diameter.





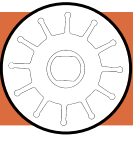
Impeller Replacement - Impeller Profiles



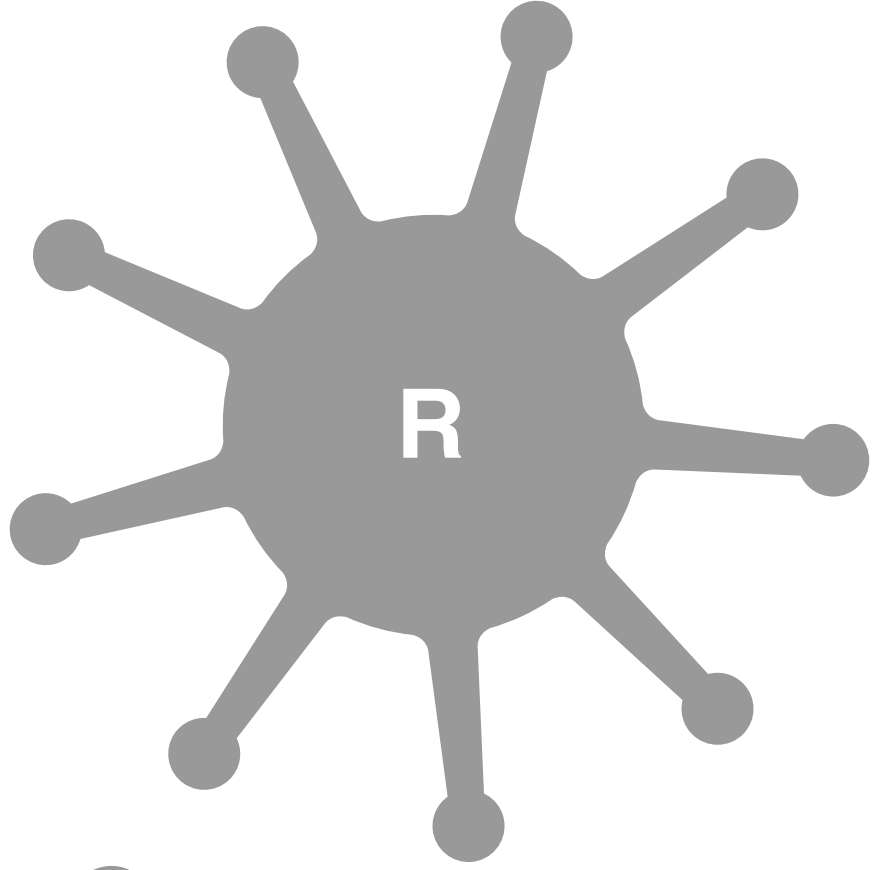
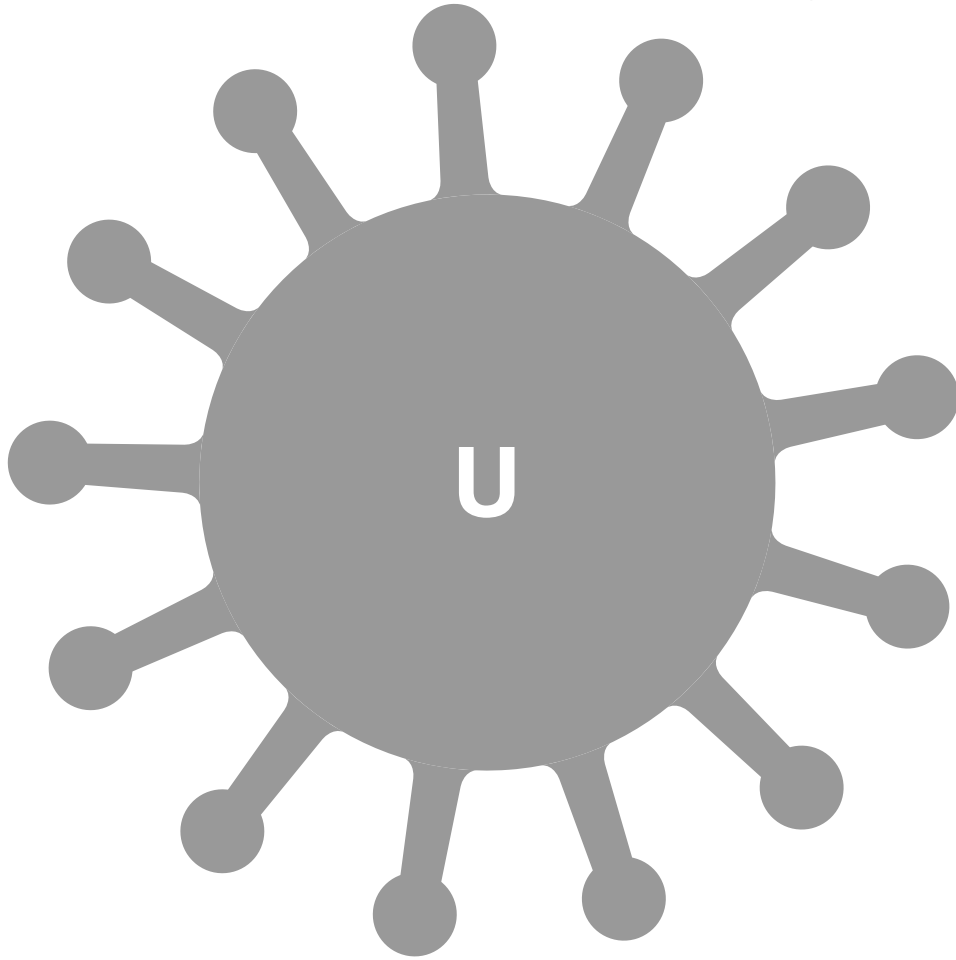


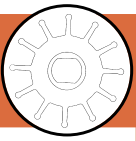
Impeller
Profiles

Impeller Replacement -



Impeller Replacement - Impeller Profiles



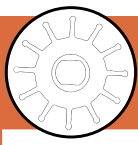


Selection Table by Profile

Silhouette	Impeller Depth	Drive Type	Shaft Diameter	Material	Part Number	Remarks	No of Blades	Impeller Diameter	Insert Material	
A	12mm (¹⁵ / ₃₂ " ^h)	2	8mm (⁵ / ₁₆ " ^h)	Neoprene	12104-0001	Onan (use 6-32x ³ / ₈ Headless Screw)	6	32mm (1 ¹ / ₄ " ^h)	Brass	
				Neoprene	1414-0001		6	32mm (1 ¹ / ₄ " ^h)	Brass	
		4	8mm (⁵ / ₁₆ " ^h)	Neoprene	21414-0001	For Yanmar 1GM10 Engines	6	32mm (1 ¹ / ₄ " ^h)	Brass	
				Nitrile	1414-0003		6	32mm (1 ¹ / ₄ " ^h)	Brass	
B	12mm (¹⁵ / ₃₂ " ^h)	4	8mm (⁵ / ₁₆ " ^h)	Neoprene	14750-0001		8	32mm (1 ¹ / ₄ " ^h)	Brass	
				Nitrile	14750-0003		8	32mm (1 ¹ / ₄ " ^h)	Brass	
C	12mm (¹⁵ / ₃₂ " ^h)	4	8mm (⁵ / ₁₆ " ^h)	Neoprene	14609-0001		6	32mm (1 ¹ / ₄ " ^h)	Brass	
				Neoprene	14787-0001	Was SS Insert	6	32mm (1 ¹ / ₄ " ^h)	Plastic	
				Nitrile	14609-0003		6	32mm (1 ¹ / ₄ " ^h)	Brass	
				Nitrile	14787-0001	Was SS Insert	6	32mm (1 ¹ / ₄ " ^h)	Plastic	
CC	68mm (2 ¹¹ / ₁₆ " ^h)	7	8mm (⁵ / ₁₆ " ^h)	Neoprene	31130-0061	MerCruiser Replacment (HINO)	10	66mm (2 ¹¹ / ₁₆ " ^h)	Brass	
D	19mm (³ / ₄ " ^h)	None	n/a	Nitrile	17255-0003	Impeller Moulded on Shaft	6	40mm (1 ⁹ / ₁₆ " ^h)	None	
		1	12mm (¹⁵ / ₃₂ " ^h)	Neoprene	22405-0001		6	40mm (1 ⁹ / ₁₆ " ^h)	Brass	
		1 or 2	9.5mm (³ / ₈ " ^h)	Neoprene	4528-0001	Was AL-24	6	40mm (1 ⁹ / ₁₆ " ^h)	Brass	
				Nitrile	4528-0003	Was AL-24-37	6	40mm (1 ⁹ / ₁₆ " ^h)	Brass	
F	19mm (³ / ₄ " ^h)	4	8mm (⁵ / ₁₆ " ^h)	Neoprene	9200-0001	Was Brass Insert	10	40mm (1 ⁹ / ₁₆ " ^h)	Plastic	
				Neoprene	9200-0021	High Pressure	10	40mm (1 ⁹ / ₁₆ " ^h)	Brass	
				Nitrile	9200-0003	Was Brass Insert	10	40mm (1 ⁹ / ₁₆ " ^h)	Plastic	
				Nitrile	9200-0023	High Pressure	10	40mm (1 ⁹ / ₁₆ " ^h)	Brass	
G	22mm (⁷ / ₈ " ^h)	1	12mm (¹⁵ / ₃₂ " ^h)	Neoprene	653-0001		6	51mm (2" ^h)	Brass	
				Neoprene	673-0001		6	51mm (2" ^h)	Brass	
		1 or 2	12.7mm (1/2" ^h)	Nitrile	673-0003		6	51mm (2" ^h)	Brass	
				Neoprene	4527-0001	Was B-12	6	51mm (2" ^h)		
		2	8mm (⁵ / ₁₆ " ^h)	Nitrile	4527-0003	Was B-12-37	6	51mm (2" ^h)		
				Neoprene	22799-0001		6	51mm (2" ^h)	Brass	
		3	12.7mm (1/2" ^h)	Neoprene	7273-0001		6	51mm (2" ^h)	Plastic	
				Nitrile	7273-0003		6	51mm (2" ^h)	Plastic	
		4	8mm (⁵ / ₁₆ " ^h)	Neoprene	5616-0001	Brass Extended Drive Cup	6	51mm (2" ^h)	Brass	
				Nitrile	5616-0003	Brass Extended Drive Cup	6	51mm (2" ^h)	Brass	
6	12.7mm (1/2" ^h)	Neoprene	18958-0001	Sherwood 17000	12	95mm (3 ⁷ / ₈ " ^h)	Brass			
		Neoprene	6303-0001		6	51mm (2" ^h)	Plastic			
GG	74mm (2 ⁵⁷ / ₆₄ " ^h)	3	21mm (²⁵ / ₃₂ " ^h)	Nitrile	6303-0003		6	51mm (2" ^h)	Plastic	
				Neoprene	17486-0001	Brass Extended Drive Cup	6	51mm (2" ^h)	Brass	
H	22mm (⁷ / ₈ " ^h)	4	8mm (⁵ / ₁₆ " ^h)	Neoprene	18653-0001		10	51mm (2" ^h)	Brass	
				Neoprene	18673-0001		10	51mm (2" ^h)	Brass	
				Nitrile	18673-0003		10	51mm (2" ^h)	Brass	
I	22mm (⁷ / ₈ " ^h)	1	12mm (¹⁵ / ₃₂ " ^h)	Neoprene	18653-0001		10	51mm (2" ^h)	Brass	
				Neoprene	18673-0001		10	51mm (2" ^h)	Brass	
K	31.5mm (1 ¹ / ₄ " ^h)	3	16mm (⁵ / ₈ " ^h)	Neoprene	4568-0001	Was C-12	12	57mm (2 ¹ / ₄ " ^h)	Brass	
				Nitrile	4568-0003	Was C-12-37	12	57mm (2 ¹ / ₄ " ^h)	Brass	
		5	16mm (⁵ / ₈ " ^h)	Neoprene	14281-0001		12	57mm (2 ¹ / ₄ " ^h)	Plastic	
				Neoprene	5929-0001	SS Extended Drive Cup	12	57mm (2 ¹ / ₄ " ^h)	Brass	
		6	12.7mm (1/2" ^h)	Nitrile	5929-0003	SS Extended Drive Cup	12	57mm (2 ¹ / ₄ " ^h)	Brass	
				Neoprene	1210-0001		12	57mm (2 ¹ / ₄ " ^h)	Brass	
		7	16mm (⁵ / ₈ " ^h)	Neoprene	1210-0003		12	57mm (2 ¹ / ₄ " ^h)	Brass	
				Neoprene	13554-0001	Johnson 812B	12	57mm (2 ¹ / ₄ " ^h)	Brass	
		48.4mm (1 ²⁹ / ₃₂ " ^h)	7	16mm (⁵ / ₈ " ^h)	Neoprene	22120-0001		12	57mm (2 ¹ / ₄ " ^h)	Brass
					Neoprene	18815-0005		10	57mm (2 ¹ / ₄ " ^h)	Brass
L	31.5mm (1 ¹ / ₄ " ^h)	6	16mm (⁵ / ₈ " ^h)	Neoprene	3085-0001	SS Extended Drive Cup	10	57mm (2 ¹ / ₄ " ^h)	Brass	
				Neoprene	3085-0001	SS Extended Drive Cup	10	57mm (2 ¹ / ₄ " ^h)	Brass	

 Selection Table
by Profile

Impeller Replacement -

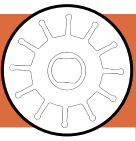


Impeller Replacement - Selection Table by Profile

Selection Table by Profile

Silhouette	Impeller Depth	Drive Type	Shaft Diameter	Material	Part No	Remarks	No of Blades	Impeller Diameter	Insert Material
M	36.5mm (1 ¹ / ₁₆ "	7	16mm (5/8")	Neoprene	11979-0001		8	65mm (2 ⁹ / ₁₆ "	Brass
	51mm (2")	3	16mm (5/8")	Neoprene	4598-0001	Was D-12	8	65mm (2 ⁹ / ₁₆ "	Brass
				Nitrile	4598-0003	Was D-12-37	8	65mm (2 ⁹ / ₁₆ "	Brass
		6	16mm (5/8")	Nitrile	6056-0003	SS Extended Drive Cup	8	65mm (2 ⁹ / ₁₆ "	Brass
			7	16mm (5/8")	Neoprene	920-0001		8	65mm (2 ⁹ / ₁₆ "
	Nitrile	920-0003				8	65mm (2 ⁹ / ₁₆ "	Brass	
76.2 mm (3")	7	16mm (5/8")	Neoprene	17018-0001		8	65mm (2 ⁹ / ₁₆ "	Brass	
O	63mm (2 ¹ / ₂ "	7	25.4mm (1")	Neoprene	836-0001		9	95mm (3 ³ / ₄ "	Brass
				Nitrile	836-0003		9	95mm (3 ³ / ₄ "	Brass
	88.9mm (3 ¹ / ₂ "	7	25.4mm (1")	Neoprene	6760-0001		9	95mm (3 ³ / ₄ "	Brass
				Nitrile	6760-0003		9	95mm (3 ³ / ₄ "	Brass
Q	63mm (2 ¹ / ₂ "	7	25.4mm (1")	Neoprene	17935-0001		12	95mm (3 ³ / ₄ "	Brass
	88.9mm (3 ¹ / ₂ "	5	25.4mm (1")	Neoprene	17370-0001		12	95mm (3 ³ / ₄ "	Plastic
				Neoprene	17936-0001		12	95mm (3 ³ / ₄ "	Brass
		7	25.4mm (1")	Neoprene	21676-0001		12	95mm (3 ³ / ₄ "	Brass
R	88.9mm (3 ¹ / ₂ "	5	25.4mm (1")	Neoprene	18786-0001		9	118mm (4 ⁵ / ₈ "	Plastic
				Neoprene	17240-0001		9	118mm (4 ⁵ / ₈ "	Brass
		7	25.4mm (1")	Neoprene	18789-0001		9	118mm (4 ⁵ / ₈ "	Brass
U	101.6mm (4")	7	38mm (1 ¹ / ₂ "	Neoprene	2999-0001		13	127mm (5")	Brass
W	31.5mm (1 ¹ / ₄ "	3	16mm (5/8")	Neoprene	18838-0001	Sherwood 9959	12	62mm (2 ⁷ / ₁₆ "	Brass
X	41.4mm (1 ⁵ / ₈ "	3	16mm (5/8")	Neoprene	18948-0001	Sherwood 10615	12	65mm (2 ⁹ / ₁₆ "	Brass
Y	51mm (2")	3	16mm (5/8")	Neoprene	18327-0001	Sherwood 15000	10	65mm (2 ⁹ / ₁₆ "	Brass
				Neoprene	17954-0001	Mer cruiser Replacement	10	65mm (2 ⁹ / ₁₆ "	Brass
		6	16mm (5/8")	Neoprene	17956-0001	SS Extended Drive Cup	10	65mm (2 ⁹ / ₁₆ "	Brass
				Neoprene	17937-0001		10	65mm (2 ⁹ / ₁₆ "	Brass
				Nitrile	17937-0003		10	65mm (2 ⁹ / ₁₆ "	Brass
Z	76.2mm (3")	5	20mm (1 ³ / ₁₆ "	Neoprene	30919-0001		12	77mm (3 ¹ / ₁₆ "	Brass





Selection Table by Dimensions

No of Blades	Impeller Diameter	Drive Type	Impeller Depth	Shaft Diameter	Material	Part Number	Remarks	Insert Material	Sihouette
6	32mm (1 ¹ / ₄ "	2	12mm (1 ⁵ / ₃₂ "	8mm (5 ¹ / ₁₆ "	Neoprene	12104-0001	Onan (use 6-32x ³ / ₄ , Headless Screw)	Brass	A
					Neoprene	1414-0001		Brass	A
		4	12mm (1 ⁵ / ₃₂ "	8mm (5 ¹ / ₁₆ "	Neoprene	21414-0001	For Yanmar 1GM10 Engines	Brass	A
					Neoprene	14609-0001		Brass	C
			Nitrile	1414-0003		Brass	A		
				14609-0003		Brass	C		
	Nitrile		14787-0001	Was SS Insert	Plastic	C			
			14787-0001	Was SS Insert	Plastic	C			
	40mm (1 ⁹ / ₁₆ "	1	19mm (3 ¹ / ₄ "	12mm (1 ⁵ / ₃₂ "	Neoprene	22405-0001		Brass	D
					Neoprene	4528-0001	Was AL-24	Brass	D
		1 or 2	19mm (3 ¹ / ₄ "	9.5mm (3 ⁷ / ₈ "	Nitrile	4528-0003	Was AL-24-37	Brass	D
	Nitrile				17255-0003	Impeller Moulded on Shaft	None	D	
	51mm (2")	1	22mm (7 ⁷ / ₈ "	12mm (1 ⁵ / ₃₂ "	Neoprene	653-0001		Brass	G
					Neoprene	4527-0001	Was B-12		G
		2	22mm (7 ⁷ / ₈ "	8mm (5 ¹ / ₁₆ "	Nitrile	4527-0003	Was B-12-37		G
					Neoprene	22799-0001		Brass	G
		3	22mm (7 ⁷ / ₈ "	12.7mm (1 ¹ / ₂ "	Neoprene	7273-0001		Plastic	G
					Neoprene	6303-0001		Plastic	H
4		22mm (7 ⁷ / ₈ "	8mm (5 ¹ / ₁₆ "	Nitrile	7273-0003		Plastic	G	
				Neoprene	6303-0003		Plastic	H	
6		22mm (7 ⁷ / ₈ "	12.7mm (1 ¹ / ₂ "	Neoprene	5616-0001	Brass Extended Drive Cup	Brass	G	
				Neoprene	17486-0001	Brass Extended Drive Cup	Brass	H	
Nitrile		5616-0003	Brass Extended Drive Cup	Brass	G				
				Neoprene	673-0001		Brass	G	
1 or 2	22mm (7 ⁷ / ₈ "	12.7mm (1 ¹ / ₂ "	Nitrile	673-0003		Brass	G		
			Neoprene	673-0003		Brass	G		
8	32mm (1 ¹ / ₄ "	4	12mm (1 ⁵ / ₃₂ "	8mm (5 ¹ / ₁₆ "	Neoprene	14750-0001		Brass	B
					Nitrile	14750-0003		Brass	B
	65mm (2 ⁹ / ₁₆ "	3	51mm (2")	16mm (5 ⁷ / ₈ "	Neoprene	4598-0001	Was D-12	Brass	M
					Nitrile	4598-0003	Was D-12-37	Brass	M
		6	51mm (2")	16mm (5 ⁷ / ₈ "	Nitrile	6056-0003	SS Extended Drive Cup	Brass	M
					Neoprene	11979-0001		Brass	M
	7	36.5mm (1 ⁷ / ₁₆ "	16mm (5 ⁷ / ₈ "	Neoprene	920-0001		Brass	M	
				Nitrile	920-0003		Brass	M	
	76.2mm (3")	16mm (5 ⁷ / ₈ "	Neoprene	17018-0001		Brass	M		
			Neoprene	17018-0001		Brass	M		
9	118mm (4 ⁵ / ₈ "	5	88.9mm (3 ¹ / ₂ "	25.4mm (1")	Neoprene	18786-0001		Plastic	R
					Neoprene	17240-0001		Brass	R
		7	88.9mm (3 ¹ / ₂ "	25.4mm (1")	Neoprene	18789-0001		Brass	R
	Neoprene				836-0001		Brass	O	
	95mm (3 ³ / ₄ "	7	63mm (2 ¹ / ₂ "	25.4mm (1")	Nitrile	836-0003		Brass	O
					Neoprene	6760-0001		Brass	O
		7	88.9mm (3 ¹ / ₂ "	25.4mm (1")	Neoprene	6760-0003		Brass	O
	Nitrile				6760-0003		Brass	O	

Selection Table by Dimensions

No of Blades	Impeller Diameter	Drive Type	Impeller Depth	Shaft Diameter	Material	Part Number	Remarks	Insert Material	Sihouette
10	40mm (1 ³ / ₁₆ "	4	19mm (3/4")	8mm (5/16")	Neoprene	9200-0001	Was Brass Insert	Plastic	F
						9200-0021	High Pressure	Brass	F
					Nitrile	9200-0003	Was Brass Insert	Plastic	F
						9200-0023	High Pressure	Brass	F
	51mm (2")	1 or 2	22mm (7/8")	12.7mm (1/2")	Neoprene	18653-0001		Brass	I
						18673-0001		Brass	I
					Nitrile	18673-0003		Brass	I
	57mm (2 ¹ / ₄ "	6	31.5mm (1 ¹ / ₄ "	16mm (5/8")	Neoprene	18815-0005		Brass	L
						3085-0001	SS Extended Drive Cup	Brass	L
	65mm (2 ⁵ / ₁₆ "	3	51mm (2")	16mm (5/8")	Neoprene	18327-0001	Sherwood 15000	Brass	Y
						17954-0001	MerCruiser Replacement	Brass	Y
						17956-0001	SS Extended Drive Cup	Brass	Y
						17937-0001		Brass	Y
						17937-0003		Brass	Y
66mm (2 ¹ / ₁₆ "	7	68mm (2 ¹ / ₁₆ "	8mm (5/16")	Neoprene	31130-0061	MerCruiser Replacment (HINO)	Brass	CC	
12	57mm (2 ¹ / ₄ "	3	31.5mm (1 ¹ / ₄ "	16mm (5/8")	Neoprene	4568-0001	Was C-12	Brass	K
						Nitrile	4568-0003	Was C-12-37	Brass
		5	31.5mm (1 ¹ / ₄ "	16mm (5/8")	Neoprene	14281-0001		Plastic	K
						5929-0001	SS Extended Drive Cup	Brass	K
		Nitrile	5929-0003	SS Extended Drive Cup	Brass	K			
							1210-0001		Brass
		Nitrile	1210-0003		Brass	K			
							48.4mm(1 ²⁹ / ₃₂ "	16mm (5/8")	Neoprene
		51mm (2")	16mm (5/8")	Neoprene	22120-0001		Brass	K	
		62mm (2 ¹ / ₁₆ "	3	31.5mm (1 ¹ / ₄ "	16mm (5/8")	Neoprene	18838-0001	Sherwood 9959	Brass
	65mm (2 ³ / ₁₆ "	3	41.4mm (1 ⁵ / ₈ "	16mm (5/8")	Neoprene	18948-0001	Sherwood 10615	Brass	X
	77mm (3 ¹ / ₁₆ "	5	76.2mm (3")	20mm (1 ³ / ₁₆ "	Neoprene	30919-0001		Brass	Z
	95mm (3 ³ / ₄ "	3	74mm (2 ⁵⁷ / ₆₄ "	21mm (2 ⁵ / ₃₂ "	Neoprene	18958-0001	Sherwood 17000	Brass	GG
						17370-0001		Plastic	Q
7		63mm (2 ¹ / ₂ "	25.4mm (1")	Neoprene	17935-0001		Brass	Q	
					17936-0001		Brass	Q	
21676-0001		Brass	Q						
13	127mm (5")	7	101.6mm (4")	38mm (1 ¹ / ₂ "	Neoprene	2999-0001		Brass	U

Impeller Replacement - Selection Table by Dimensions



Flexible Impeller Removal Tool

The Flexible Impeller Removal Tool is the easiest way to remove impellers, especially when the pump is mounted in tight and cramped conditions.

- Simple three stage operation easily removes the impeller.
- Removes the risk of expensive damage to the pump.
- Manufactured from corrosion resistant cast aluminium and stainless steel.
- Two models fit all impellers.

Size: 15cm wide x 2cm deep x 20cm high max (6"x 1" x 8")

Weight: 0.5kg (1.1lb)

50070-0080

Compact version suitable for impellers up to 57mm (2¹/₄"

50070-0040

Suitable for impellers up to 65mm (2¹/₂" diameter.

50070-0200

Suitable for impellers from 65mm (2¹/₂" to 118mm (4¹/₂" diameter.