

Propellers

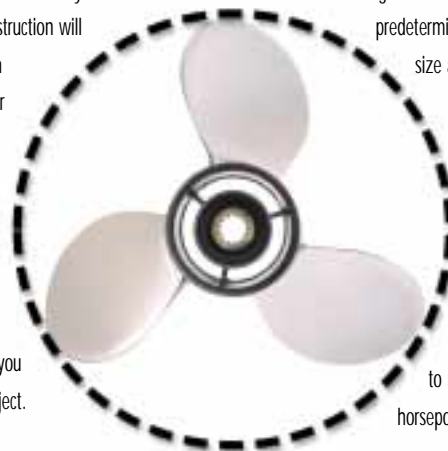


SUZUKI PROPELLERS

Propeller selection is very important in the performance of your boat. Acceleration, speed, fuel efficiency, stability and engine RPM's all are affected by the propeller selected. Operating requirements and conditions will also affect which design, style and pitch of propeller you may choose to meet your individual needs. The boat and engine combination may have already been tested by your dealer or the boat manufacturer for the appropriate propeller size. Your Suzuki Dealer can assist you with the process to determine the correct propeller for your application.

STAINLESS STEEL PROPELLERS

Suzuki Stainless Steel Propellers offer higher performance and greater durability than aluminum propellers. The aggressive design of these propellers enhances the overall performance of your boat and the durability of the stainless steel construction will give you long term dependability. Your Suzuki Stainless Steel propeller is also fitted with a rubber cushion hub to help absorb vibration and shock should you strike a foreign object.



PROPELLER SIZING

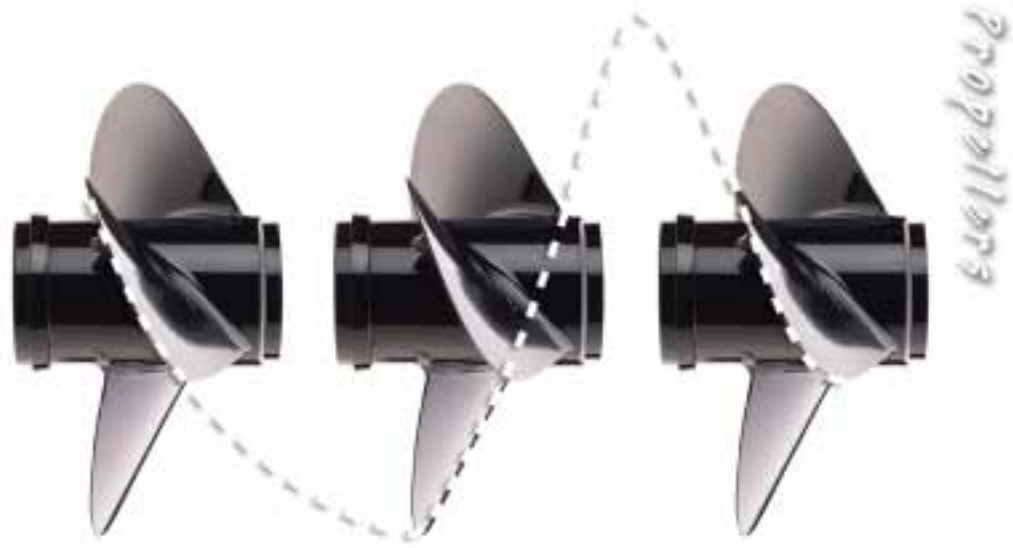
When referring to a propeller size, such as 13 X 18, the first number details the diameter of the propeller and the second number is the pitch of the propeller. The pitch is the most significant number in the description. The diameter is usually predetermined by propeller engineers and is based on the size and series of the engine.

DIAMETER

Diameter is considered to be the distance across an imaginary circle that is made when a propeller is rotated. Diameter is determined during the engineering process of designing a propeller and is usually based on the requirements to meet the needs of engine size, gear case design, horsepower and speed.

PITCH

Pitch is used to describe the theoretical distance that a propeller "corks" through the water in inches of forward travel. In theory, an 18" pitch propeller would move ahead 18" with each complete revolution of a propeller. There is always some percentage of inefficiency as water conditions, boat weight and propeller style are introduced into the performance equation. The lower the "slip factor" the more efficiently the propeller will perform and the faster the speed at a given engine RPM. Lower pitches accelerate faster, but have a lower top end speed. Higher pitches have a slower acceleration, but may attain higher top speeds. An inch of pitch generally is equal to 150 – 200 engine RPM's at wide open throttle (WOT). If pitch is increased by an inch, RPM's will decrease by 150 – 200 RPM's at WOT. If pitch is decreased by an inch, RPM's will increase by 150 – 200 RPM's at WOT. Always operate your boat/engine combination within the recommended RPM range guidelines as stated in your operator's manual. Operating outside the recommended range can cause severe damage to your engine and may void the engine warranty.



Propellers

PROPELLER CUP

Cup is used to reduce the slip and ventilation of the propeller. This will allow you to operate your engine at a higher transom mounting and allow you to use more trim for bow lift. The cup refers to the area along the trailing edge of the propeller blade that has an increased pitch in the last 1/2" of the blade surface and extends to the blade tip.

CUP



RAKE ANGLE

RAKE

Rake is described as the angle, in degrees, that the propeller blades are mounted to the "barrel" of the propeller. The blades of a zero degree rake propeller are mounted perpendicular to the "barrel" of the propeller. The blades of a higher rake propeller angle more to the rear of the propeller. A propeller with a high rake design will hold the water on the blades longer during operation and will ventilate less at higher engine heights. High rake propellers will produce higher thrust that will help lift the bow of the boat more effectively.

Propeller Lock

These help provide theft protection for your boat's propeller, in and out of the water. Constructed of naval brass and stainless steel for long life. Easy to install. Also fits counter rotation models.

Part Number	Application
99105-30003	DT40 – 225 DF40/50/60/70/90/115/140

Propeller Hardware Kit

Includes the spacer, cotter key, washer and nut to secure the propeller to the shaft. Great for tackle or tool box.



Part Number	Application
57630-92D00	DT8C/9.9C
57630-92E00	V-6
57630-93900	DF9.9/15 and DT9.9/15C
57630-94300	DF40/50 and DT40/55/65
57630-94500	DF60/70 with V-Style DT75/85/90/100/115/140 with V-Style
57630-95500	DF60/70 with U-Style DT75/85/90/100/115/140 with U-Style
57630-96300	DF25/30 and DT20/30/25C/30C
57630-90J00	DF90/115/140



Propellers



THUNDERTM, SUZUKI

DT150/200/225 V6 models

Type	Material	Blades	Diameter	Pitch	Part Number	1986-2003
V6	Stainless Steel	3	14 1/4	16	99105-00200-16P	■
V6	Stainless Steel	3	14 11/4	18	99105-00200-18P	■
V6	Stainless Steel	3	14 1/4	20	99105-00200-20P	■
V6	Stainless Steel	3	14 1/4	22	99105-00200-22P	■
V6	Stainless Steel	3	14 1/4	24	99105-00200-24P	■
V6	Stainless Steel	3	14 1/4	26	99105-00200-26P	■
V6	Stainless Steel	3	14 1/4	28	99105-00200-28P	■
Counter Rotation Models						
V6	Stainless Steel	3	14 1/4	16L	99105-0020L-16P	■
V6	Stainless Steel	3	14 1/4	18L	99105-0020L-18P	■
V6	Stainless Steel	3	14 1/4	20L	99105-0020L-20P	■
V6	Stainless Steel	3	14 1/4	22L	99105-0020L-22P	■
V6	Stainless Steel	3	14 1/4	24L	99105-0020L-24P	■

Propeller Bushing Application

Type	Model	Bushing Type	Bushing	Stopper	Spacer	Washer
V-6	DT150/175/200/225	Press-In	58105-87D11	See fiche	See fiche	See fiche

Diameter and pitch are measured in inches, ■=Optional.

Propeller Description

Type	Materials	Applicable Models	Description
V6	Stainless Steel	DT150/200/225	Extremely durable propellers especially designed for V-6 motors to increase performance.

Type	Material	Blades	Diameter	Pitch	Part Number	1986-2003
V6	Stainless Steel	3	14 3/4	23	99105-00203-23P	■
V6	Stainless Steel	3	14 3/4	25	99105-00203-25P	■
V6	Stainless Steel	3	14 3/4	27	99105-00203-27P	■
V6	Stainless Steel	4	13 3/4	23	99105-00400-23P	■
V6	Stainless Steel	4	13 3/4	24	99105-00400-24P	■
V6	Stainless Steel	4	13 3/4	25	99105-00400-25P	■
75-140	Stainless Steel	3	13 1/2	18	99105-00103-18P	■
75-140	Stainless Steel	3	13 1/2	20	99105-00103-20P	■
75-140	Stainless Steel	3	13 1/2	22	99105-00103-22P	■
75-140	Stainless Steel	3	13 1/2	23	99105-00103-23P	■

Diameter and pitch are measured in inches, ■=Optional.

DF90/115/140

Type	Material	Blades	Diameter	Pitch	Part Number	2001-2003
90-140	Aluminum	3	14	15	58100-90J41-019	■
90-140	Aluminum	3	14	17	58100-90J01-019	■
90-140	Aluminum	3	14	19	58100-90J11-019	■
90-140	Aluminum	3	14	21	58100-90J21-019	■
90-140	Aluminum	3	14	23	58100-90J31-019	■
90-140	Stainless Steel	3	14	18	99105-00700-18P	■
90-140	Stainless Steel	3	14	20	99105-00700-20P	■
90-140	Stainless Steel	3	14	22	99105-00700-22P	■
90-140	Stainless Steel	3	14	24	99105-00700-24P	■
90-140	Stainless Steel	3	14	26	99105-00700-26P	■

Counter Rotation Models

115-140	Stainless Steel	3	14	18	99105-0070L-18P	■
115-140	Stainless Steel	3	14	20	99105-0070L-20P	■
115-140	Stainless Steel	3	14	22	99105-0070L-22P	■
115-140	Stainless Steel	3	14	24	99105-0070L-24P	■

DF60/70 and DT75/85/90/100/115/140

Type	Material	Blades	Diameter	Pitch	Part Number	DF60	DF70	DT75		DT85		DT90	DT100	DT115		DT140	
						1998-2003	1998-2003	1983-1988	1989-1997	1983-1988	1989-2000	1989-1997	1989-2000	1983-1988	1989-2001	1983-1988	1989-2001
V1100	Aluminum	3	13 1/2	11	58100-99E10-019	■	■	■	■	■	■	■	■	■	■	■	■
V1300	Aluminum	3	13 1/2	13	58100-99E00-019	■	■	■	■	■	■	■	■	■	■	■	■
V1500	Aluminum	3	13 1/2	15	58100-94500-019	■	■	■	(L)	■	■	■	■	■	■	■	■
V1700	Aluminum	3	13 1/4	17	58100-94512-019	■	■	■	■	■	(L)	(L, XL)	■	■	■	■	■
V1900	Aluminum	3	13	19	58100-94522-019	■	■	■	■	■	■	(L, XL)	■	(L, XL)	■	■	■
V2100	Aluminum	3	13	21	58100-94532-019	■	■	■	■	■	■	■	■	■	■	■	(L, XL)
60-140	Stainless Steel	3	13 1/4	12	99105-00100-12P	■	■	■	■	■	■	■	■	■	■	■	■
60-140	Stainless Steel	3	13 1/4	14	99105-00100-14P	■	■	■	■	■	■	■	■	■	■	■	■
60-140	Stainless Steel	3	13 1/4	16	99105-00100-16P	■	■	■	■	■	■	■	■	■	■	■	■
60-140	Stainless Steel	3	13 1/4	18	99105-00100-18P	■	■	■	■	■	■	■	■	■	■	■	■
60-140	Stainless Steel	3	13 1/4	20	99105-00101-20P	■	■	■	■	■	■	■	■	■	■	■	■
60-140	Stainless Steel	3	13 1/4	22	99105-00100-22P	■	■	■	■	■	■	■	■	■	■	■	■
60-140	Stainless Steel	3	13 1/4	24	99105-00101-24P	■	■	■	■	■	■	■	■	■	■	■	■
60-140	Stainless Steel	3	13 1/4	26	99105-00100-26P	■	■	■	■	■	■	■	■	■	■	■	■

Diameter and pitch are measured in inches, (L)=Standard on Long Shaft Model, (XL)=Standard on Extra Long Shaft Model, ■=Optional.

Propeller Bushing Application

Type	Model	Remarks	Bushing Type	Bushing	Stopper	Spacer	Washer
V, VS,	DT75/85/115/140	1981 – 1991	Press-In	58120-94520	57635-94502	57633-94500	09160-18028
	DT75/85/115/140	1992 – 2003	Press-In	58120-94520	57635-94511	57633-94500	09160-18028
	DT90/100		Press-In	58120-94520	57632-87E00	57633-94500	09160-18028
	DF60/70	1998 – 2000	Press-In	58120-94520	57632-87E00	57633-94500	09160-18028
	DF60/70	2001 – 2003	Press-in	58120-94520	57635-94511	57633-94500	09160-18026

DF40/50 and DT40/50/50M/55/60/65

Type	Material	Blades	Diameter	Pitch	Part Number	DF40/50	DT40		DT50	DT50M	DT55		DT60	DT65	
						1999-2003	1983-1988	1989-1998	1983-1984	1983-1984	1985-1988	1989-1997	1983-1984	1985-1988	1989-1997
S900	Aluminum	3	11 1/2	9	58100-94302-019	■	■	■	■	■	■	■	■	■	■
S1000	Aluminum	3	11 1/2	10	58100-95212-019	■	■	■	■	■	■	■	■	■	■
S1100	Aluminum	3	11 1/2	11	58100-95222-019	■	■	■	■	■	■	■	■	■	■
S1200	Aluminum	3	11 1/2	12	58100-95393-019	■	■	■	■	■	■	■	■	■	■
S1301	Aluminum	3	11 1/2	13	58100-94313-019	(L)	■	(L)	(L)	(L)	■	■	■	■	■
S1400	Aluminum	3	11 1/2	14	58100-95353-019	■	■	(S)	■	■	■	■	■	■	■
S1500	Aluminum	3	11 1/2	15	58100-95363-019	■	■	■	■	■	(L)	(L)	■	■	■
S1600	Aluminum	3	11 1/2	16	58100-95373-019	■	■	■	■	■	■	■	■	■	(L)
S1700	Aluminum	3	11 1/2	17	58100-95382-019	■	■	■	■	■	■	■	■	■	■
40-65	Stainless Steel	3	11 3/4	12	99105-00500-12P	■	■	■	■	■	■	■	■	■	■
40-65	Stainless Steel	3	11 3/4	13	99105-00500-13P	■	■	■	■	■	■	■	■	■	■
40-65	Stainless Steel	3	11 3/4	14	99105-00500-14P	■	■	■	■	■	■	■	■	■	■
40-65	Stainless Steel	3	11 3/4	15	99105-00500-15P	■	■	■	■	■	■	■	■	■	■
40-65	Stainless Steel	3	11 3/4	16	99105-00500-16P	■	■	■	■	■	■	■	■	■	■
40-65	Stainless Steel	3	11 3/4	17	99105-00500-17P	■	■	■	■	■	■	■	■	■	■

Diameter and pitch are measured in inches, (L)=Standard on Long Shaft Model, (XL)=Standard on Extra Long Shaft Model, ■=Optional.

Propeller Bushing Application

Type	Model	Remarks	Bushing Type	Bushing	Stopper	Spacer	Washer
S, SS	DF40/50 and DT40/50/55/60/65		Press-In	58120-95300	57632-95305	57633-94300	

Propeller Descriptions

Type	Materials	Applicable Models	Description
V	Aluminum	DF90/115 and DT75/85/115/140	Cupped aluminum propellers have a press-in bushing.
VS	Stainless Steel	DT75/85/115/140	Optional. Extremely durable stainless steel propellers especially designed for high performance boats.
60-140	Stainless Steel	DF60/70 and DT75/85/115/140	Optional. Extremely durable stainless steel propellers especially designed for high performance boats.
S	Aluminum	DF40/50 and DT40/50/55/60/65	Non-cupped propellers with a pressed-in propeller bushing.
40-65	Stainless Steel	DF40/50 and DT40/50/55/60/65	With press-in type bushing.

Propellers



DF25/30 and DT20/25/25C/30/30C

Type	Material	Blades	Diameter	Pitch	Part Number	DF25/30		DT20		DT25		DT30		DT25C	DT30C
						2000-2003	1983-1986	1987-1988	1983-1986	1987-1988	1983-1986	1987-1988	1983-1986	1987-1988	1989-2000
P1001*	Aluminum	3	10 1/4	10	58100-96410-019	■	▼	■	▼	■	▼	■	■	■	■
P1101*	Aluminum	3	10 1/4	11	58100-96420-019	■	▼	■	▼	■	▼	■	■	■	■
P1201*	Aluminum	3	10 1/4	12	58100-96430-019	■	(L)	(L)	(L)	(L)	(L)	(L)	■	■	■
P1301*	Aluminum	3	10 1/4	13	58100-96440-019	■	(S)	(S)	(S)	(S)	(S)	(S)	(L)	■	(L)
P1401*	Aluminum	3	10 1/4	14	58100-95D00-019	■	▼	■	▼	■	▼	■	(S)	■	(S)
P1501*	Aluminum	3	10 1/4	15	58100-96460-019	■	▼	■	▼	■	▼	■	■	■	■
P911+	Aluminum	3	10 1/4	9	58100-96370-019	■	▼	■	▼	■	▼	■	■	■	■
P1101+	Aluminum	3	10 1/4	10	58100-96470-019	■	▼	■	▼	■	▼	■	■	■	■
P1211+	Aluminum	3	10 1/4	12	58100-96480-019	■	▼	■	▼	■	▼	■	■	■	■
P1311+	Aluminum	3	10 1/4	13	58100-96490-019	■	▼	■	▼	■	▼	■	■	■	■
25-30	Stainless Steel	3	10 1/4	12	99105-00600-12P	■	▼	■	▼	■	▼	■	■	■	■
25-30	Stainless Steel	3	10 1/4	13	99105-00600-13P	■	▼	■	▼	■	▼	■	■	■	■
25-30	Stainless Steel	3	10 1/4	14	99105-00600-14P	■	▼	■	▼	■	▼	■	■	■	■
25-30	Stainless Steel	3	10 1/4	15	99105-00600-15P	■	▼	■	▼	■	▼	■	■	■	■

Propeller Bushing Application

Type	Model	Remarks	Bushing Type	Bushing	Stopper	Spacer	Washer
P	DT20/25/30		Push-In	58120-96313	57632-96312	57633-96300	09160-14028
	DF25/30 and DT20/25/30/30C		Press-In	58120-96401	57632-96400	57633-96300	09160-14028
	DT20/25/30	P900/1000/1200/1300/1400/1500	Push-In	58120-96313	See fiche	57633-96300	09160-14028
	DT20/25/30	P901/1001/1201/1301/1401/1501/911/1011/1211/1300	Press-In	58120-96401	See fiche	57633-96300	09160-14028
25-30	DT20/25/30	P901/1001/1201/1301/1401/1501/911/1011/1211/1300	Press-In	58120-96401	See fiche	57633-96300	09160-14028

Diameter and pitch are measured in inches. * = Press-In Type Bushing, += Heavy Duty Propellers; Press-In Type Bushing, (L) = Standard on Long Shaft Model, (S) = Standard on Short Shaft Model, (XL) = Standard on Extra Long Shaft Model, ■ = Optional, ▼ = Applicable if used with spacer, stopper and washer shown on chart.

NOTE: If the PS type propeller is to be installed on DT 20/25/30 1986 and prior, the stopper (57632-96400) must be used for installation.

DF9.9/15 and DT8C/9.9C/9.9CN/9.9/15/15C

Type	Material	Blades	Diameter	Pitch	Part Number	DF9.9/15		DT8C		DT9.9C		DT9.9CN		DT9.9	DT15		DT15C
						1997-2003	1988	1989-1997	1988	1989-1997	1988	1989-1997	1983-1987	1983-1986	1987-1988	1989-1997	
E700	Aluminum	3	9 1/4	7	58100-92D01-019		■	■	■	■							
E800	Aluminum	3	9	8 1/4	58100-92D11-019		■	(S, L)	■	■							
E900	Aluminum	3	9	9 1/4	58100-92D21-019		■	■	■	(S, L)							
EY610	Aluminum	3	10	6 1/2	58100-92D62-019							■	(L)				
M701*	Aluminum	3	9 1/4	7	58100-93703-019	■						■		■	■	■	■
M801*	Aluminum	3	9 1/4	8	58100-91D00-019	■						■		■	■	■	■
M1001*	Aluminum	3	9 1/4	10	58100-93733-019	■						(S)		(S)	(S)		(L)
M1101*	Aluminum	3	9 1/4	11	58100-93743-019	■						(S)		(S)	(L)		■
M911+	Aluminum	3	9 1/4	9	58100-93763-019	■						■		■	■		
M1011+	Aluminum	3	9 1/4	10	58100-93773-019	■						■		■	■		

Diameter and pitch are measured in inches. (L)=Standard on Long Shaft Model, (S)=Standard on Short Shaft Model, (XL)=Standard on Extra Long Shaft Model, ■=Optional.

Propeller Bushing Application

Type	Model	Remarks	Bushing Type	Bushing	Stopper	Spacer	Washer
E	DT8C/9.9C		Press-In	58120-92D01	57632-92D00	57633-92D00	09160-10082
EY	DT9.9CN		Press-In	58120-92D01	57632-92D00	57633-92D00	09160-10082
M	DT9.9/15		Push-In	58120-93901	57632-93902	57633-93900	09160-12066
	DT9.9/15/15C	M700/800/1000/1100	Press-In	58120-93701	57632-93902	57633-93900	09160-12066
	DF9.9/15/15C and DT9.9/15	M701/801/1101/811/911/1011	Press-In	58120-93701	57632-93902	57633-93900	09160-12066

DF4/6 and DT 2/2.2/3.5/4/5/6/8

Type	Material	Blades	Diameter	Pitch	Part Number	DF4/6		DT2/2.2		DT3.5		DT4		DT5		DT6		DT8	
						2003	1977-1988	1989-1997	1983-1984	1985-1998	1983	1999-2002	1984-1988	1989-2002	1983-1987				
A400	Aluminum	3	7 3/8	4 1/2	58111-98465-019		(S, L)	(S)											
A500	Aluminum	3	7 3/8	4 3/4	58111-98452-019		■	■											
A510	Aluminum	3	7 3/8	5 3/8	58111-98402-019		■	■											
B510	Aluminum	3	7 3/8	5 3/8	58111-98313-019					(S)									
B600	Aluminum	3	7 1/2	5 7/8	58111-98304-019						■								
C600	Aluminum	3	7 1/2	6	58111-98601-019						■		■						
C610	Aluminum	3	7 1/2	6 1/2	58111-98612-019						■		■						
C700	Aluminum	3	7 1/2	7	58111-98630-019						■		■						
C601	Aluminum	3	7 1/2	6	58111-91J00-019	■													
C611	Aluminum	3	7 1/2	6 1/2	58111-91J10-019	■													
C701	Aluminum	3	7 1/2	7	58111-91J20-019	■													
F500	Aluminum	3	7 7/8	5 1/8	58111-98722-019							■		■	■	■	■	■	■
F600	Aluminum	3	7 7/8	5 7/8	58111-99722-019							■		■	■	■	■	■	■
F610	Aluminum	3	7 7/8	6 1/2	58111-99110-019							(L)		■	■	■	■	■	■
F700	Aluminum	3	8 1/2	7 1/8	58111-96002-019							■		■	■	■	■	■	■
F710	Aluminum	3	7 7/8	7 1/2	58111-99100-019							■		■	■	(L)	■	■	■

Diameter and pitch are measured in inches. (L)=Standard on Long Shaft Model, (S)=Standard on Short Shaft Model, (XL)=Standard on Extra Long Shaft Model, ■=Optional.

Propeller Bushing Application

Type	Model	Remarks	Bushing Type	Bushing	Stopper	Spacer	Washer
A	DT2		Push-In			09180-10138	
B	DT3.5		Push-In	58120-98301			
C	DT4/5 and DF4		Push-In	58120-98600			
	DF6		Press-In	58120-91J00	57635-91J00		

Propeller Descriptions

Type	Materials	Applicable Models	Description
A	Aluminum	DT2	Without propeller bushing.
B/C	Aluminum	DT3.5/4	With replaceable propeller bushing. Type B and C do not include propeller bushing. Refer to the Bushing Application Chart.
F	Aluminum	DT5/6/8	With replaceable propeller bushing. Type F does not include propeller bushing. Refer to the Bushing Application Chart.
E	Aluminum	DT8C/9.9C	With press-in type bushing.
EY	Aluminum	DT9.9CN	Especially designed for sailboat to increase reverse thrust.
M	Aluminum	DF9.9/15 and DT9.9/15	Through-the-prop exhaust propeller. Type M does not include propeller bushing. Refer to the Bushing Application Chart. DF25/30 and DT
P	Aluminum	DF25/30 and DT20/25/30	Through-the-prop exhaust propeller. Type P does not include propeller bushing. Refer to the Bushing Application Chart.