

PROPELLERS

THE ART OF PERFORMANCE

Volvo Penta propellers are an engineering art form. Behind the slightest curve, smoothest contour and tightest angle is a state-of-the-art design process based on years of experience. We know propellers, but most importantly we develop the entire

driveline. That's how we are able to convert power into real performance that you can feel on the water. It is this performance that leads to greater boating pleasure while contributing to the long-term health of your driveline.



2

Double your warranty. Genuine Volvo Penta propellers are covered by our standard 12 month warranty. Have them supplied and installed by an authorized Volvo Penta dealer and we'll extend your warranty to 24 months – including the labor.

The only way forward. For Volvo Penta, propellers will always be designed as a part of a complete propulsion system. It's the only way. Whether you have a powerboat or sailboat, there is a genuine Volvo Penta propeller designed entirely for your needs.

DUOPROP PROPELLERS FOR AQUAMATIC

Launched in 1982, Volvo Penta showed the marine industry that twin counter-rotating propellers could produce unparalleled thrust, straight and true tracking along with faster acceleration – a completely new boating experience.

DPH DRIVES

Type G – Nibral Duoprop propellers

The patented blade geometry provides optimal interaction between front and rear propellers for outstanding efficiency and smooth and comfortable operation. Complete with shock-absorbing rubber bushing and galvanic isolation makes it perfectly matched for the DPH-drive.

DIM	Set	Front	Rear	DIM	Set	Front	Rear
G2	—*	22898622	22898632	G7	—*	22898627	22898637
G3	—*	22898623	22898633	G8	—*	22898628	22898638
G4	—*	22898624	22898634	G9	—*	22898629	22898639
G5	—*	22898625	22898635	G10	—*	22898630	22898640
G6	—*	22898626	22898636				

* Type G propeller sets are replaced by either type H propeller sets, or individually sold type G front and rear propellers.

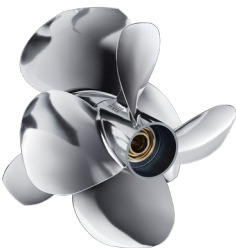


DPH AND DPI DRIVES

Type H – Stainless steel Duoprop propellers

Designed to capture the tremendous torque from the new generation D4 and D6 engines. The patented blade geometry of the Type H propellers provides optimal interaction between front and rear propellers, for outstanding efficiency and smooth and comfortable operation. The large blade area provides maximum grip and maneuverability. Made of high-strength stainless steel alloy for excellent strength and durability. Complete with shock absorbing rubber bushing and galvanic isolation makes it perfectly matched for the DPI and DPH-drive.

DIM	Set	Front	Rear	DIM	Set	Front	Rear
H2	22754002	22753972	22753982	H7	22754007	22753977	22753987
H3	22754003	22753973	22753983	H8	22754008	22753978	22753988
H4	22754004	22753974	22753984	H9	22754009	22753979	22753989
H5	22754005	22753975	22753985	H10	22754010	22753980	22753990
H6	22754006	22753976	22753986				



Changing from type G propellers to type H propellers on DPH drives

The sizing remains the same, ie a G6 propeller corresponds to an H6 propeller. Should you need additional guidance on which propeller best suit your needs, contact your Volvo Penta dealer.

Note! The propeller cone must be replaced to fit type H propellers. See part number to the right. Do not mix Type G and H propellers. Always use propellers of the same type and size on the drive (or on both drives in twin installations).



Propeller cone kit for type H propellers.
P/N 23000185

Line cutter for DPH and DPI drives with type H propellers

The line cutter is an easy to install accessory that provides additional protection for your drive. It is designed to cut through ropes, fishing lines, plastic bags and nets before they can enter between the propellers and possibly cause damage to the propeller shaft sealing. The line cutter is installed between the propellers using the existing propeller nut.

Fits	Part No	Material
Type H propellers**	22827022	316 Stainless steel

**The line cutter is included as standard on DPI drives.



DPS DRIVES

Type I and IH – Aluminum Duoprop propellers

The patented blade geometry and large active propeller diameter provide optimal performance and fuel efficiency over the entire speed range as well as smooth running, excellent grip and maneuverability. Squeeze casting and special high-strength aluminum alloy makes them stronger and more durable than traditional die-cast propellers. Four layers of paint ensure excellent anti-corrosion performance. Type I has straight splines, type IH has helical splines.



Note! Always use type F or FH stainless steel propellers in engines exceeding 240 hp or capable of speeds above 38 knots (45 mph). See next page.

Type I for DPS, DPS-A (straight splines)

DIM	Set	Front	Rear	DIM	Set	Front	Rear
I 2	21258482	21260642	21657162	I 7	21258487	21260647	21657167
I 3	21258483	21260643	21657163	I 8	21258488	21260648	21657168
I 4	21258484	21260644	21657164	I 9	21258489	21260649	21657169
I 5	21258485	21260645	21657165	I 10	21258490	21260650	21657170
I 6	21258486	21260646	21657166				

Type IH for DPS-B (helical/spiral splines)

DIM	Set	Front	Rear	DIM	Set	Front	Rear
IH 2	21661942	21661902	21661922	IH 7	21661947	21661907	21661927
IH 3	21661943	21661903	21661923	IH 8	21661948	21661908	21661928
IH 4	21661944	21661904	21661924	IH 9	21661949	21661909	21661929
IH 5	21661945	21661905	21661925	IH 10	21661950	21661910	21661930
IH 6	21661946	21661906	21661926				

Upgrade from type D propellers to type I propellers

To ensure the best performance for your boat, consult your Volvo Penta dealer for advice on the right propeller size for your drive and engine. **Note!** Do not mix Type D and I propellers. Always use propellers of the same type and size on the drive (or on both drives in twin installations).

Type D – Aluminum Duoprop propellers for DPS, DPS-A (straight splines)

Type D propeller sets are replaced by type I propeller sets. However, Type D propellers (front and rear) are sold individually as spare parts.

DIM	Set	Front	Rear	DIM	Set	Front	Rear
D 0	—	3851420	3851440	D 5	—	3856345	3856355
D 1	—	3851421	3851441	D 6	—	3856346	3856356
D 2	—	3851422	3851442	D 7	—	3856347	3856357
D 3	—	3851423	3851443				



DPS DRIVES

Type F and FH – Stainless-steel Duoprop propellers

This is the perfect upgrade for enhanced performance, strength and durability. It provides better acceleration and higher top speed due to greater strength and thinner blades - versus a comparable aluminum propeller. The high-strength stainless steel adds excellent durability and corrosion resistance. Complete with shock-absorbing rubber bushing and galvanic isolation makes it perfectly matched for the DPS-drive and the ultimate choice for demanding boaters. Type F has straight splines, type FH has helical (spiral) splines.



Type F for DPS, DPS-A (straight splines)

DIM	Set	Front	Rear	DIM	Set	Front	Rear
F 2	3857563	3857557	3857558	F 6	3851496	3851466	3851476
F 3	3857564	3857559	3857560	F 7	3851497	3851467	3851477
F 4	3851494	3851464	3851474	F 8	3851498	3851468	3851478
F 5	3851495	3851465	3851475	F 9	3851499	3851469	3851479

Type FH for DPS-B (helical/spiral splines)

DIM	Set	Front	Rear	DIM	Set	Front	Rear
FH 2	3885838	3885846	3885847	FH 6	3885842	3885854	3885855
FH 3	3885839	3885848	3885849	FH 7	3885843	3885857	3885859
FH 4	3885840	3885850	3885851	FH 8	3885844	3885860	3885861
FH 5	3885841	3885852	3885853	FH 9	3885845	3885862	3885863

FWD DRIVE

Type K – Stainless-steel Duoprop propellers

Specifically designed for the Volvo Penta Forward Drive. These propellers are made of a strong and durable stainless-steel to provide excellent acceleration and top speed. The patented bushing made of a naval brass reduces vibrations, stress on the drivetrain components and prevents corrosion by galvanically isolating the stainless-steel propeller from the aluminum drive casting.

DIM	Set	Front	Rear	DIM	Set	Front	Rear
K2	22417005	22414377	22414383	K5	22417008	22414380	22414386
K3	22417006	22414378	22414384	K6	22417009	22414381	22414387
K4	22417007	22414379	22414385	K7	22417010	22414382	22414388



DP280, 290, DP DRIVES

Type J – Aluminum Duoprop propellers

A completely modern aluminum propeller designed for our classic Duoprop drives. The patented blade geometry and large propeller diameter provides optimal efficiency as well as quiet and smooth operation. A special high-strength aluminum alloy and squeeze casting process makes the propellers stronger and more durable than traditional die-cast propellers. Four layers of paint ensures excellent corrosion protection performance.

Note! Always use type C stainless steel propellers in engines exceeding 240 hp or capable of speeds above 38 knots (45 mph). See next page.

DIM	Set	Front	Rear
J 2	21924262	21924222	21924242
J 3	21924263	21924223	21924243
J 4	21924264	21924224	21924244
J 5	21924265	21924225	21924245
J 6	21924266	21924226	21924246
J 7	21924267	21924227	21924247
J 8	21924268	21924228	21924248
J 9	21924269	21924229	21924249
J 10	21924270	21924230	21924250



Upgrade from type A or type B propellers to type J propellers

To ensure the best performance for your boat, consult your Volvo Penta dealer for advice on the right propeller size for your drive and engine. **Note!** Do not mix Type A, B and J propellers. Always use propellers of the same type and size on the drive (or on both drives in twin installations).

Type A – Aluminum Duoprop propellers

Aluminium DP propeller for diesel engines up to 200 hp. The unique design, of the 3-blade propeller in the front and the 4-blade propeller behind, is the key to the outstanding grip in the water.

DIM	Set	Front	Rear	DIM	Set	Front	Rear
A 0	872270	872259	872264	A 6	**	854779	854789
A 1	854764	854774	854784	A 7	**	854780	854790
A 2	**	854775	854785	A 8	**	854781	854791
A 3	**	854776	854786	A 9	**	854782	854792
A 4	**	854777	854787	A 10	**	854783	854793
A 5	**	854778	854788				

** For complete kit use the J-series propellers.



Type B – Aluminum Duoprop propellers

Aluminium DP propeller for gasoline and diesel engines (diesel up to 230 hp). The two 3-blade propellers have very thin blade profiles, demanding the highest level of precision. For speeds above 35 knots we recommend the stainless Type C propeller.

DIM	Set	Front	Rear	DIM	Set	Front	Rear
B 1	**	854822	854830	B 5	**	854826	854834
B 2	**	854823	854831	B 6	**	854827	854835
B 3	**	854824	854832	B 7	**	854828	854836
B 4	**	854825	854833	B 8	**	854829	854837

** For complete kit use the J-series propellers.



DP280, 290, DP DRIVES

Type C – Stainless –steel Duoprop propellers

The Volvo Penta state-of-the-art stainless steel DP propeller has been specially designed to give maximum thrust where most needed. The high speed is achieved through thinner blades and powerful thrust. Greater torsional strength adds faster acceleration. The stainless steel material makes the propellers durable and highly resistant to cavitation, damage and corrosion. All these factors contribute to excellent handling and comfort.

DIM	Set	Front	Rear	DIM	Set	Front	Rear
C 2	3588222	3587864	3587870	C 5	3588225	3587867	3587873
C 3	3588223	3587865	3587871	C 6	3588226	3587868	3587874
C 4	3588224	3587866	3587872	C 7	3588227	3587869	3587875



DPR DRIVES

Type GR – Stainless-steel Duoprop propellers

The GR propeller is developed to handle the outstanding demand for thrust and strength placed by the DPR high speed drive developed for the D4 and D6 engines. Made in stainless steel.

DIM	Set	Front	Rear
GR7	3863492	3863501	3863502
GR8	3863493	3863503	3863504
GR9	3863494	3863505	3863506



GENUINE VOLVO PENTA PROPELLERS

Features, benefits and specifications



Duoprop propellers for Aquamatic Sterndrives

Two propellers. One superior thrust.

Launched in 1982, Volvo Penta showed the marine industry that twin counter-rotating propellers could produce unparalleled thrust, straight and true tracking along with faster acceleration – a completely new boating experience.

The duoprop propellers are designed to form a vital part of the driveline, providing highly efficient and predictable handling, together with excellent onboard comfort and fuel efficiency.

Every set of duoprop propellers is designed, tested and manufactured together to ensure not only a high top speed, but the best overall performance – all this while securing the service life of your drive.

Optimal interaction between the front and rear propeller ensures maximum performance and fuel efficiency throughout the entire speed range, as well as smooth and comfortable running.

Perfectly matched pitch and camber distribution contributes to excellent propeller grip, optimal operational efficiency, safe and predictable handling.

Propellers made of stainless steel or nickel-bronze-aluminum alloy include:

- Galvanic isolation** – the propeller bushing is designed to galvanically isolate the propeller from the drive. It will greatly reduce anodic consumption and prevent galvanic corrosion that could be caused by the propeller.
- Shock-absorbing rubber bushing** in the hub reduces vibration, turning and pulling forces and minimizes stress on the drivetrain caused by gear-changes and propeller impact.

Precise balancing of each propeller gives minimal vibrations, quiet and smooth operation. It is also essential for efficiency and minimizes wear on the drivetrain.

Optimized torque distribution between front and rear propellers ensures that the drive works with the load it is designed for – essential in preserving the life of the drivetrain.

DPS Drives

Type F and FH – Stainless-steel Duoprop propellers

This is the perfect propeller for enhanced performance, strength and durability. It provides better acceleration and higher top speed due to greater strength and thinner blades – versus a comparable aluminum propeller. The high-strength stainless steel adds excellent durability and corrosion resistance. Complete with shock-absorbing rubber bushing and galvanic isolation makes it perfectly matched for the DPS-drive and the ultimate choice for demanding boaters.

- Enhanced acceleration and top speed versus a comparable aluminum propeller.
- Excellent strength, durability and corrosion resistance.
- Galvanic isolation protects the drive from corrosion caused by the propellers.
- Shock-absorbing rubber bushing reduces vibrations and stress on the drivetrain.
- Three-blade front propeller and three-blade rear propeller.
- Type F has straight splines, type FH has helical (spiral) splines.

Type F for DPS, DPS-A (straight splines)

DIM	Set	Front	Rear	DIM	Set	Front	Rear
F 2	3887963	3887964	3887965	F 6	3887966	3887967	3887968
F 3	3887964	3887965	3887966	F 7	3887967	3887968	3887969
F 4	3887965	3887966	3887967	F 8	3887968	3887969	3887970
F 5	3887966	3887967	3887968	F 9	3887969	3887970	3887971

Type FH for DPS-B (helical/spiral splines)

DIM	Set	Front	Rear	DIM	Set	Front	Rear
FH 2	3888000	3888001	3888002	FH 6	3888003	3888004	3888005
FH 3	3888001	3888002	3888003	FH 7	3888004	3888005	3888006
FH 4	3888002	3888003	3888004	FH 8	3888005	3888006	3888007
FH 5	3888003	3888004	3888005	FH 9	3888006	3888007	3888008

Installation hardware, type D, I, IH, F, FH

Part No.	Part Name	Part No.	Part Name
3888009	Propeller nut, steel	3888010	Propeller nut, steel
3888011	Propeller nut, steel	3888012	Propeller nut, steel
3888013	Propeller nut, steel	3888014	Propeller nut, steel

Learn more about Volvo Penta propellers, their features, benefits and installation hardware – Download the Propeller Guide.





SINGLE PROPELLERS FOR AQUAMATIC

Volvo Penta launched the first single propeller sterndrive over half a century ago. A lot has changed since 1959. Though technology continues marching forward, one factor remains the same – real performance comes from a perfectly matched propeller and driveline.

SX DRIVES

3-blade aluminum propeller



With its wide and efficient blade design this propeller offers excellent acceleration and top speed. The state-of-the-art squeeze casting process together with special high-strength aluminum alloy makes it stronger and more durable than traditional die-cast propellers. Four layers of paint ensure excellent anti-corrosion performance. Shock-absorbing rubber bushing reduces vibrations and stress on the drivetrain.

Aluminium Ø x Pitch	Front 	Rear 
14,3 x 21	–	3817469
14,2 x 23	–	3817470
14,5 x 19	3817473	3817468
14,8 x 17	3817472	3817467
15 x 15	3817471	3817466
15,5 x 12	3855476	–
15,5 x 13	3855477	16 x 13 3840720
15,5 x 14	3855478	–



4-blade aluminum propeller



The four-blade propeller features the same strength and durability as the three-blade propeller. Four blades provide increased torque for heavy loads and maneuverability together with great stern lifting and mid-range performance. Four layers of paint ensure excellent anti-corrosion performance. Shock-absorbing rubber bushing reduces vibrations and stress on the drivetrain.

Aluminium Ø x Pitch	Front 	Rear 
14,75 x 15	3587519	3587517
14,5 x 17	3587521	3587520
14,25 x 19	3587523	3587522
14 x 21	3587525	3587524
14 x 23		3587526



3-blade stainless steel propeller

This performance provider enhances top speed, acceleration and durability versus a comparable aluminum propeller. The blade configuration and through-hub exhaust design are important factors for high efficiency and performance. Shock-absorbing rubber bushing reduces vibrations and stress on the drivetrain. This high-strength stainless steel propeller really push the limits and makes it a perfect choice for high-power engines and fast boats.

Stainless steel Ø x Pitch	Front 	Rear 
14,75 x 17	3860714	3862462
14,75 x 19	3860715	3860708
14,75 x 21	3860716	3860709
14,25 x 23	3860717	3860710







200, 250, 270, 275, 280, 285, 290, SP DRIVES

Aluminum propeller with long hub – High-speed series

The increased blade area of the high speed propeller makes it most suitable for use with high power engines and at high revs. In a fast boat this does not only mean increased speed, it also means that a heavily loaded boat will plane more quickly and enjoy better fuel economy. The high speed propeller's excellent reversing characteristics also mean faster and safer quayside manoeuvring.

Note! Always use long hub propeller for V6, V8, AQD40, AQAD31/40/41 engines.





Ø x Pitch	 Front	 Rear	Ø x Pitch	 Front	 Rear
14 x 17	854977	854992	16 x 9	854985	—
14 x 19	854978	854993	16 x 13	854986	872000
14 x 21	854979	854994	16 x 15	854987	872001
14 x 23	854980	854995	16 x 17	854988	872002
15 x 15	854981	854996	16 x 19	854989	872003
15 x 17	854982	854997	16 x 21	854990	872004
15 x 19	854983	854998	16 x 23	854991	872005
15 x 21	854984	854999			



Aluminum propeller with short hub – High-speed and standard series

The High-speed propeller features more blade area than the standard propeller. In a fast boat this does not only mean increased speed, it also means that a heavily loaded boat will plane more quickly, enjoying better fuel economy and increased cruising speed. The increased blade area also provides faster and safer quayside maneuvering.

Note! Always use long hub propeller for V6, V8, AQD40, AQAD31/40/41 engines.



Ø x Pitch	 Front	 Rear	Ø x Pitch	 Front	 Rear
14 x 13	813284 STD	813285 STD	15 x 11	813296 STD	813297 STD
14 x 15	814626 HS	814631 HS	15 x 13	813316 STD	813317 STD
14 x 17	814627 HS	814632 HS	15 x 15	814611 HS	814615 HS
14 x 19	814628 HS	814633 HS	15 x 17	814612 HS	814616 HS



100 DRIVES

Aluminum propeller for 100 drives with cylindrical shaft and locking pin

HS = High Speed propeller

Ø x Pitch	 Front	 Rear
13 x 13	813224	813233
13 x 15	839186 HS	
14 x 11	813227	
14 x 11	804449*	
14 x 13	813229	
14 x 15	832992	

* For 100 drives with splines (13/16")



PROPELLERS FOR VOLVO PENTA IPS

When Volvo Penta launched the revolutionary IPS (Inboard Performance System) we set a completely new standard in efficiency, comfort and maneuverability. By turning the propellers around to a forward-facing position, the world of boating changed forever. These twin counterrotating propellers form an important part of the hydro-dynamically designed propulsion unit – pulling the boat through the water rather than pushing it.

IPS 1, IPS 10

Type T/TS – Nibral propellers

Specifically developed for IPS with D4 and D6 engines to give outstanding efficiency, onboard comfort and maneuverability.

DIM	Set	Front	Rear	DIM	Set	Front	Rear
TS3	21368025	21368026	21368027	T5	3861101	3861102	3861103
TS4	21368016	21368017	21368018	T6	3861104	3861105	3861106
TS5	21258473	21258474	21258475	T7	3861107	3861108	3861109
TS6	21368012	21368013	21368014	T8	3861110	3861111	3861112
T2	3861092	3861093	3861094	T9	3861113	3861114	3861115
T3	3861095	3861096	3861097	T10	3861116	3861117	3861118
T4	3861098	3861099	3861100				



IPS 15

Type N/NS – Nibral propellers

Specifically developed for IPS with D8 engines to give outstanding efficiency, onboard comfort and maneuverability.

DIM	Set	Front	Rear	DIM	Set	Front	Rear
NS4	21916044	21915974	21915994	N4	21808224	21808194	21808214
NS5	21916045	21915975	21915995	N5	21808225	21808195	21808215
N1	21808221	21808191	21808211	N6	21808226	21808196	21808216
N2	21808222	21808192	21808212	N7	21808227	21808197	21808217
N3	21808223	21808193	21808213				



IPS 2, IPS 20

Type P/PS – Nibral propellers

Specifically developed for IPS with D11 engines to give outstanding efficiency, onboard comfort and maneuverability.







DIM	Set	Front	Rear	DIM	Set	Front	Rear
PS4	21622828	21622814	21622823	P4	3843962	3843963	3843964
PS5	21622827	21622813	21622822	P5	3843965	3843966	3843967
P1	3843980	3843981	3843982	P6	3843968	3843969	3843970
P2	3843956	3843957	3843958	P7	3843971	3843972	3843973
P3	3843959	3843960	3843961	P8	3843974	3843975	3843976



IPS 3, IPS 30

Type Q/QS – Nibral propellers







Specifically developed for IPS with D13 engines to give outstanding efficiency, onboard comfort and maneuverability.

DIM				DIM			
QS4	21821364	21821254	21821264	Q4	21433624	21433604	21433614
QS5	21821365	21821255	21821265	Q5	21433625	21433605	21433615
Q1	21433621	21433601	21433611	Q6	21433626	21433606	21433616
Q2	21433622	21433602	21433612	Q7	21433627	21433607	21433617
Q3	21433623	21433603	21433613	Q8	21433628	21433608	21433618



Type QE – Nibral propellers

The QE series is developed for marine commercial vessels operating in polluted waters with a lot of debris. It has thicker blades compared to Q, adding strength but can slightly reduce the top speed.

DIM				DIM			
QE1	22059721	22059611	22059631	QE3	22059723	22059613	22059633
QE2	22059722	22059612	22059632	QE4	22059724	22059614	22059634



Line Cutter

The line cutter is mounted to the rear propeller which creates a very efficient rotating cutting action. It is easy to install using the existing locking bolts and does not increase drag or fuel consumption.

Fits	Part No	Qty	Diameter	Material
IPS 1 ¹⁾ IPS 10 ²⁾	21686492	1	95 mm / 3.7"	316 Stainless steel
IPS 15 ²⁾	21913550	2	105 mm / 4.1"	316 Stainless steel
IPS 2 ¹⁾ IPS 20 ²⁾	21686494	1	120 mm / 4.7"	316 Stainless steel
IPS 3 ¹⁾ IPS 30 ²⁾	21686496	1	140 mm / 5.5"	316 Stainless steel



¹⁾ Included as standard from serial number: IPS 1 = 3940018643, IPS 2 = 3950002140, IPS 3 = 3950001773.
²⁾ Included as standard from production start.

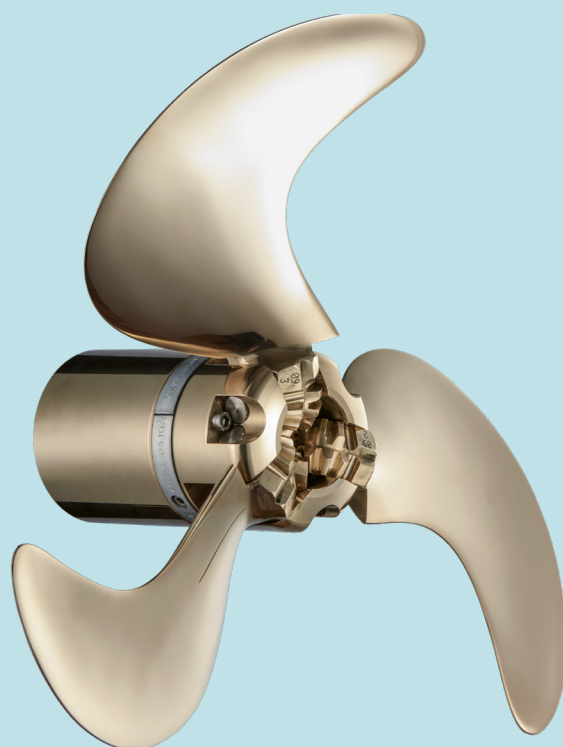
VOLVO PENTA FOLDING PROPELLERS - SAILING WITHOUT COMPROMISE

Volvo Penta folding propellers offer the best of both worlds – minimal drag while sailing combined with the high thrust of a fixed propeller while motoring – even in reverse. The unique and patented design always ensures quick and safe opening of the blades for excellent close-quarter maneuverability and minimal stopping distance.

Excellent durability and corrosion resistance thanks to specially developed nibral (nickel-bronze-aluminum) alloy.

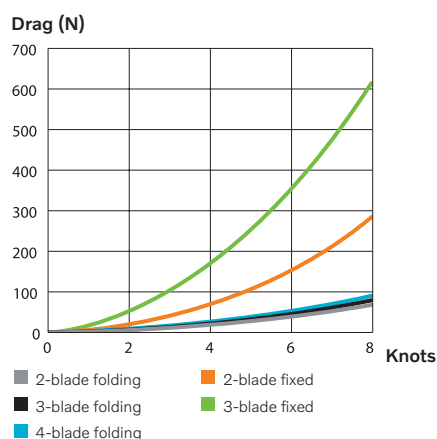
High-skew blade design reduces pressure pulses to ensure smooth, low-noise operation with minimal vibrations.

Powerful thrust, even in reverse thanks to the highly efficient and patented blade geometry.



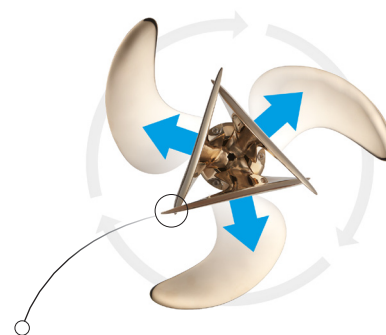
Minimizing drag and increasing speed

Volvo Penta folding propellers improve the performance of your boat minimizing drag and increasing speed – up to 1.5 knots under sail, compared with a fixed propeller. In addition, the sleek profile also reduces the risk of snagging ropes, nets and debris when sailing.



The test was carried out by SSPA Maritime Consulting.
All propellers were mounted on a Saildrive propulsion system.

The graph shows the difference in propeller drag and how rapidly the drag increases with fixed propellers and higher speed. At 8 knots for example, a 3-blade fixed propeller produces more than six times the drag of a 3-blade folding propeller. This means a typical journey across the English Channel can be reduced by up to 4 hours thanks to lower drag.



Instant and powerful response – even in reverse

The patented design, with protruding blade tips ensures an instant opening action when the reverse gear is engaged. As soon as the propeller begins to rotate, mounting water pressure on the blade tips forces the blades to open. Centrifugal force then finalizes the opening action.



Rubber bushing and galvanic isolation

Hubs for saildrive propellers include a shock-absorbing rubber bushing to minimize stress on the drivetrain caused by gear changes. In addition, the bushing is designed to galvanically isolate the propeller from the saildrive – preventing galvanic corrosion caused by the propeller.

2-BLADE FOLDING PROPELLER FOR 5-40 HP

Designed for engines from 5 up to 40 hp. Available in multiple sizes and pitches for both S-drives and shafts. Made of extremely strong and durable nibral (nickel-bronze-aluminum) alloy.

- Powerful thrust even in reverse thanks to patented blade geometry
- Smooth, low-noise operation with minimal vibrations
- Safe opening with quick response in both forward and reverse
- Rubber bushing and galvanic isolation (hubs for S-drives)

Note! For a complete propeller, order one blade kit and one hub kit. Propeller size has to be calculated to match engine and gear ratio, please contact your Volvo Penta dealer.



Blade kits

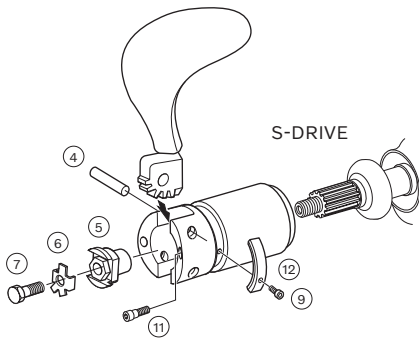
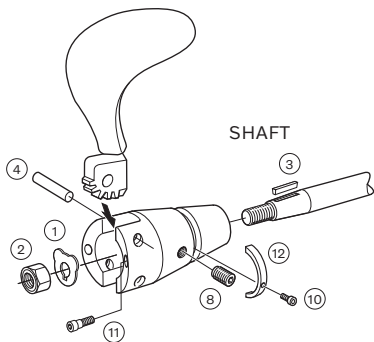
S-Drive & shaft		Shaft	S-Drive & shaft		Shaft
Ø x Pitch			Ø x Pitch		
14 x 7	21629132	21629136	16 x 11	21629182	21629186
14 x 8	21629140	21629144	17 x 11	21629190	21629194
15 x 8	21629147	21629152	17 x 12	21629198	21629201
15 x 10	21629158	21629167	18 x 12	21629205	21629211
16 x 10	21629173	21629177	19 x 13	21629214	21629218

Blade kit includes: Blades, hex key for locking screw (pos 11), propeller grease and installation instruction.

Hub kits

Hub kit for S-drives		Hub kit for shafts	
110S, 120S, MS25S, 130S, 150S	21630720	Pre-drilled hub*	21630725
Hub kit for metric standard shaft (1:10 taper)		Hub kit for SAE standard shaft (1:16 taper)	
25 mm shaft (key 6 mm)	21630721	1" shaft (key 5/16")	21630723
30 mm shaft (Key 8 mm)	21630722	1 1/4" shaft (key 5/16")	21630724

Hub kit includes: Zinc anodes, locking fluid and installation hardware listed in the table below. * Hub pre-drilled with 8 mm hole. Require final machining to the required shaft diameter and taper. Suitable for shafts up to 31,75 mm (1 ¼").



Installation hardware, 2-blade folding propeller

Pos	Part No	Qty	Description
1	873475	1	Tab washer, M16
1	873488	1	Tab washer, M20
2	873473	1	Nut, prop shaft, M16
2	873486	1	Nut, prop shaft, M20
3	873474	1	Key, prop shaft, Ø25mm
3	873487	1	Key, prop shaft, Ø30mm
4	21626924	2	Shaft 1, 2)
5	3584466	1	Propeller nut 1)

Pos	Part No	Qty	Description
6	3851994	1	Lock washer 1)
7	946730	1	Hexagon screw 1)
8	3581246	2	Screw 2)
9	963677	3	Hex. socket screw 1)
10	963675	2	Hex. socket screw 2)
11	3595221	2	Lock screw 1, 2)
12		3	Zinc anode 1, 2, 3)
	85145750	1	Locking fluid (10 ml) 1, 2)

1) Included in hub kit for S-drive. 2) Included in hub kit for shaft. 3) For part number, see page 75.

3-BLADE FOLDING PROPELLER FOR 20-60 HP





Designed for engines from 20 up to 60 hp. Available in multiple sizes and pitches for both S-drives and shafts. Made of extremely strong and durable nibral (nickel-bronze-aluminum) alloy.

- Powerful thrust even in reverse thanks to patented blade geometry
- Smooth, low-noise operation with minimal vibrations
- Safe opening with quick response in both forward and reverse
- Rubber bushing and galvanic isolation (hubs for S-drives)

Note! For a complete propeller, order one blade kit and one hub kit. Propeller size has to be calculated to match engine and gear ratio, please contact your Volvo Penta dealer.



Blade kits

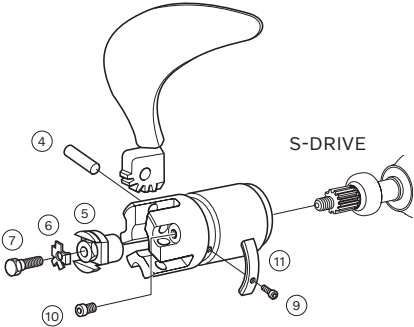
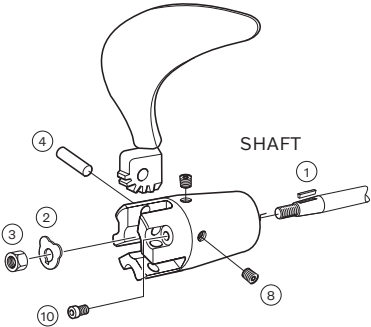
S-Drive & shaft		Shaft	S-Drive & shaft		Shaft
Ø x Pitch			Ø x Pitch		
14 x 7	—	3583409	17 x 12	3583388	3583417
14 x 8	—	3583410	18 x 12	3583389	3583418
14 x 9	3583382	3583411	18 x 13	3583390	3583419
15 x 9	3583383	3583412	18 x 14	3583391	3583420
15 x 10	3583384	3583413	18 x 15	3583392	3583421
16 x 10	3583385	3583414	18 x 16	3584031	3583422
16 x 11	3583386	3583415	19 x 16	3583393	3583423
17 x 11	3583387	3583416			

Blade kit includes: Blades, hex key for locking screw (pos 10), propeller grease and installation instruction.

Hub kits

Hub kit for S-drives		Hub kit for shafts	
110S, 120S, MS25S, 130S, 150S	3858955	Pre-drilled hub*	3583428
Hub kit for metric standard shaft (1:10 taper)		Hub kit for SAE standard shaft (1:16 taper)	
25 mm shaft (key 6 mm)	3583424	1" shaft (key 1/4")	3583426
30 mm shaft (Key 8 mm)	3583425	1 1/4" shaft (key 5/16")	3583427

Hub kit includes: Zinc anodes, locking fluid and installation hardware listed in the table below. * Hub pre-drilled with 8 mm hole. Require final machining to the required shaft diameter and taper. Suitable for shafts up to 31,75 mm (1 ¼").



Installation hardware, 3-blade folding propeller

Pos	Part No	Qty	Description
1	873474	1	Key, prop shaft, Ø25mm
1	873487	1	Key, prop shaft, Ø30mm
2	873475	1	Tab washer, M16
2	873488	1	Tab washer, M20
3	873473	1	Nut, prop shaft, M16
3	873486	1	Nut, prop shaft, M20
4	3581243	3	Shaft 1, 2)
5	3584466	1	Propeller nut 1)

Pos	Part No	Qty	Description
6	3851994	1	Lock washer 1)
7	946730	1	Hexagon screw 1)
8	3581246	2	Screw 2)
9	963677	3	Hex. socket screw 1, 2)
10	963695	3	Hex. socket screw 1)
11		3	Zinc anode 1, 3)
	85145750	1	Locking fluid (10 ml) 1, 2)

1) Included in hub kit for S-drive. 2) Included in hub kit for shaft. 3) For part number, see page 75.

4-BLADE FOLDING PROPELLER FOR 55–120 HP





Designed for engines from 55 up to 120 hp. Available in multiple sizes and pitches for both S-drives and shafts. Made of extremely strong and durable nibral (nickel-bronze-aluminum) alloy.

- Powerful thrust even in reverse thanks to patented blade geometry
- Smooth, low-noise operation with minimal vibrations
- Safe opening with quick response in both forward and reverse
- Rubber bushing and galvanic isolation (hubs for S-drives)

Note! For a complete propeller, order one blade kit and one hub kit. Propeller size has to be calculated to match engine and gear ratio, please contact your Volvo Penta dealer.



Blade kits

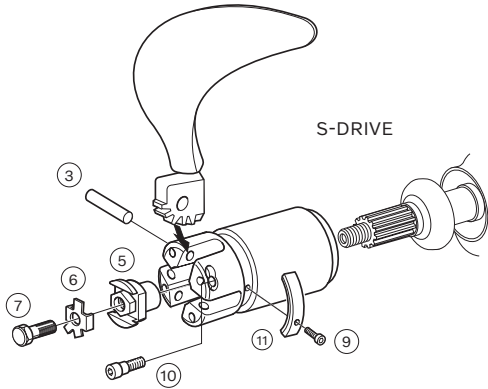
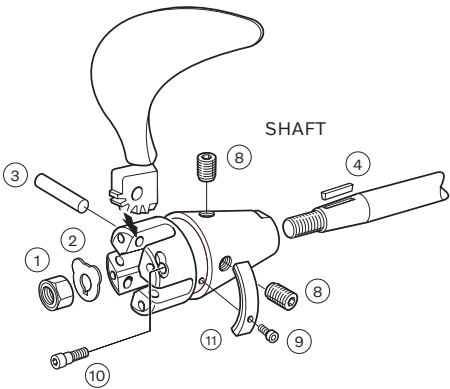
S-Drive & shaft			Shaft		
Ø x Pitch			Ø x Pitch		
20 x 14	3583917	3583918	22 x 18	3583923	3583924
21 x 15	3583919	3583920	22 x 20	3583925	3583926
22 x 16	3583921	3583922			

Blade kit includes: Blades, hex key for locking screw (pos 10), propeller grease and installation instruction.

Hub kits

Hub kit for S-drives		Hub kit for metric standard shaft (1:10 taper)	
110S, 120S, MS25S, 130S, 150S	3583927	25 mm shaft (key 6 mm)	3583928
Hub kit for SAE standard shaft (1:16 taper)		30 mm shaft (Key 8 mm)	3583929
1 1/4" shaft (key 5/16")	3583931	35 mm shaft (Key 10 mm)	3583930
1 1/2" shaft (key 3/8")	3583932	40 mm shaft (Key 12 mm)	3584137

Hub kit includes: Zinc anodes, locking fluid and installation hardware listed in the table below. * Hub pre-drilled with 8 mm hole. Require final machining to the required shaft diameter and taper. Suitable for shafts up to 31,75 mm (1 ¼").



Installation hardware, 4-blade folding propeller

Pos	Part No	Qty	Description
1	873473	1	Nut, prop shaft, M16
1	873486	1	Nut, prop shaft, M20
1	3587422	1	Nut, prop shaft, M24 4)
2	873475	1	Tab washer, M16
2	873488	1	Tab washer, M20
2	873506	1	Tab washer, M24
3	3583951	4	Shaft 1, 2)
4	873474	1	Key, prop shaft, Ø25mm
4	873487	1	Key, prop shaft, Ø30mm
4	873496	1	Key, prop shaft, Ø35mm



Pos	Part No	Qty	Description
4	873505	1	Key, prop shaft, Ø40mm
5	3584466	1	Propeller nut 1)
6	3851994	1	Lock washer 1)
7	946730	1	Hexagon screw 1)
8	3581246	2	Screw 2)
9	963677	3	Hex. socket screw M5x16 1, 2)
10	963695	4	Hex. socket screw M6x14 1, 2)
11		3	Zinc anode 1, 2, 3)
	85145750	1	Locking fluid (10 ml) 1, 2)

1) Included in hub kit for S-drive. 2) Included in hub kit for shaft. 3) For part number, see page 75. 4) Included in hub kits 3583930 & 3584137.

FIXED PROPELLERS FOR SAILDRIVE

Our fixed propellers are exclusively designed for Volvo Penta saildrives. Manufactured using high-quality, durable aluminum alloy and with a rubber bushing in the hub, you get efficient and comfortable motoring, while securing the service life of your saildrive.

2-Blade (S-drives 110S, 120S, 130S and 150S)



S-Drive Ø x Pitch		S-Drive Ø x Pitch	
14 x 7	21351239	16 x 13	21351240
14 x 8	21351270	17 x 14	21351232
14 x 9	21351241	17 x 16	21351265
14 x 11	21351275	17 x 17	21353570
15 x 11	21351281	19 x 17	21351284
16 x 11	21351235		

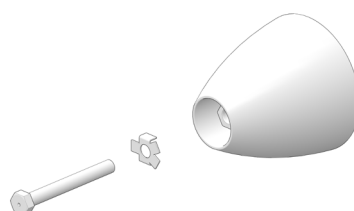


2-Blade (S-drive 100S)

S-Drive	Ø x Pitch	
MD6A	14 x 8	839514
MB10A, MD11C	16 x 11	839191

3-Blade (S-drives 110S, 120S, 130S and 150S)

S-Drive Ø x Pitch		S-Drive Ø x Pitch	
14 x 9	21381258	17 x 12	21381274
14 x 11	21381260	17 x 13	21381275
14 x 12	21381262	17 x 14	21401615
15 x 12	21381264	17 x 15	21381279
15 x 13	21381265	17 x 16	21381280
16 x 11	21381283	18 x 16	21381042



Installation hardware, fixed propellers for S-drives 110S, 120S, MS25S, 130S, 150S

Part No	Qty	Description
23749222	1	Propeller cone kit
23748333	1	Screw *
23680979	1	Lock washer*

* Included in propeller cone kit

Choose the right anode

Below are our general recommendations on how to choose the anode for the type of water where the boat is used:

Saltwater	—	Zinc or Aluminum
Brackish water	—	Aluminum*
Freshwater	—	Magnesium

* If aluminum anode is not available for your product, select zinc anode instead.

ANODES

Anodes are to be sacrificed in order to protect the drive unit and propeller against galvanic corrosion. Volvo Penta anodes are tested and specially produced for Volvo Penta drives and propellers.

Aquamatic sterndrive – Single prop drives

Lower gear	Zinc	Aluminum	Magnesium
100 drive	875810	—	—
200 – 290, SP	875815	—	876137
Spray plate	Zinc	Aluminum	Magnesium
SX	3855411	3863193	3855412
SX-A	3888814	3888813	3888815
Transom shield	Zinc	Aluminum	Magnesium
200-280	832598	—	873179
290, SP	852835	—	873178
SX	3854130	3586461	3855610
SX-A	3888817	3888816	3888818

Aquamatic sterndrive – Duoprop drives

Lower gear	Zinc	Aluminum	Magnesium
280, 290, DP	875821	—	876138
Spray plate	Zinc	Aluminum	Magnesium
DP-S, DP-SM	3855411	3863193	3855412
DPS-A, DPS-B, FWD	3888814	3888813	3888815
DPH	3588746	3588748	3588750
DPR	3589875	3589876	3589877
DPX	876638	—	—
DPI	—	23520859	23520860
Transom shield	Zinc	Aluminum	Magnesium
280	832 598	—	873179
290, DP	852 835	—	873178
DP-S, DP-SM	3854130	3586461	3855610
DPS-A, DPS-B, FWD	3888817	3888816	3888818
DPH, DPR	3588745	3588770	3588768
DPX	872139	—	—
DPI	—	3588770	3588768

S-Drive

Lower gear	Zinc	Aluminum	Magnesium
110S	875812	—	876603
120S, MS25S	876286	—	876604
130S, 150S (2 piece anode)	22651246	—	22651247

Folding propeller

S-drive	Zinc	Aluminum	Magnesium
2-blade propeller	3858399	—	3858400
3-blade propeller	3858399	—	3858400
4-blade propeller	3584442	—	3584443
Shaft	Zinc	Aluminum	Magnesium
2-blade propeller	3888491	—	3888493
3-blade propeller (Use anode for shaft mounting)	—	—	—
4-blade propeller	3584442	—	3584443

Volvo Penta IPS

	Part number*
Lower gear anode	3593981
Transom anode IPS 1	23172849
Transom anode IPS 15, IPS 2, IPS 3, IPS 30	23172856

* The anode system for Volvo Penta IPS is designed to provide protection in salt-, brackish- and freshwater.

Active Corrosion Protection (ACP)

	Part number
Back-up anode, IPS	21174476
Back-up anode, Aquamatic sterndrive	23291530