



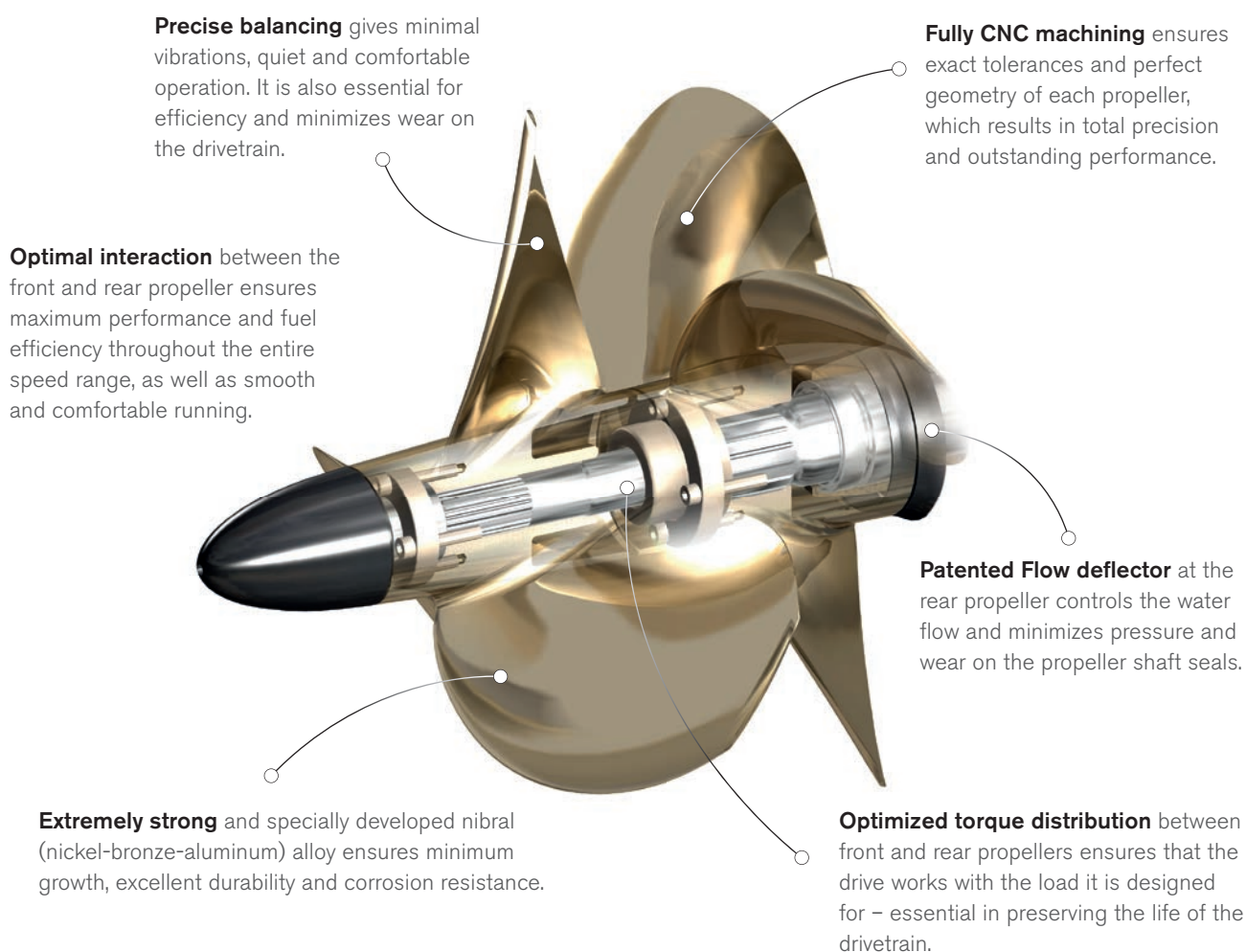
Propellers for Volvo Penta IPS

Faster, further, cleaner and quieter

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 counter-rotating propellers form an important part the hydro-dynamically designed propulsion unit – pulling the boat through the water rather than pushing it.

The state-of-the-art IPS propellers are developed, tested and manufactured with the highest precision. Not only do they contribute to outstanding performance

and fuel efficiency, but also handling and onboard comfort – all this while securing the service life of your drive.



IPS 1

Type T/TS – Nibral propellers

The state-of-the-art IPS propellers are developed, tested and manufactured with the highest precision to give outstanding efficiency, onboard comfort and maneuverability. The extremely strong and specially developed nibral (nickel-bronze-aluminum) alloy ensures minimum growth, excellent durability and corrosion resistance.

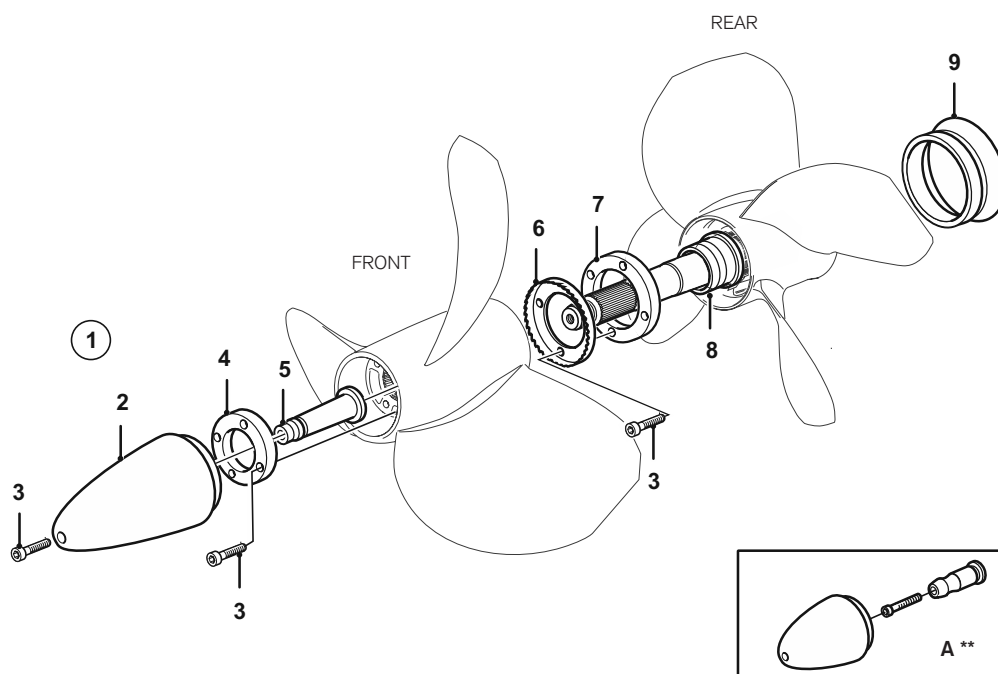
- Outstanding efficiency, maneuverability and comfort.
- Extremely strong nibral (nickel-bronze-aluminum) alloy.
- Excellent durability, minimal marine growth.
- Patented flow deflector minimizes pressure and wear on the propeller shaft seals.
- Three-blade front propeller and four-blade rear propeller.



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				

The type T/TS series covers applications from semi-planing boats with moderate top speeds to planing boats with high top speeds.

TS3	TS4	TS5	TS6	T2	T3	T4	T5	T6	T7	T8	T9	T10
Moderate top speed												High top speed



Installation hardware, type T/TS

Pos	Part No	Item
1	22659020	Propeller cone kit*
2	22072153	Propeller cone
3	963699	Hex socket screw
4	3861088	Lock plate
5	21293480	Propeller nut, front

Pos	Part No	Item
6	21686492	Line cutter
7	3861209	Lock ring
8	3861087	Lock nut, rear
9	3862454	Flow deflector

* Propeller cone kit including cone (2), 9 pcs hex socket screw (3), lock plate (4), propeller nut (5), lock ring (7), grease and tool.

** IPS1-A, IPS1-B, IPS1-C earlier propeller cone and hardware (A) is replaced by propeller cone kit (1).

IPS 2

Type P/PS – Nibral propellers

The state-of-the-art IPS propellers are developed, tested and manufactured with the highest precision to give outstanding efficiency, onboard comfort and maneuverability. The extremely strong and specially developed nibral (nickel-bronze-aluminum) alloy ensures minimum growth, excellent durability and corrosion resistance.

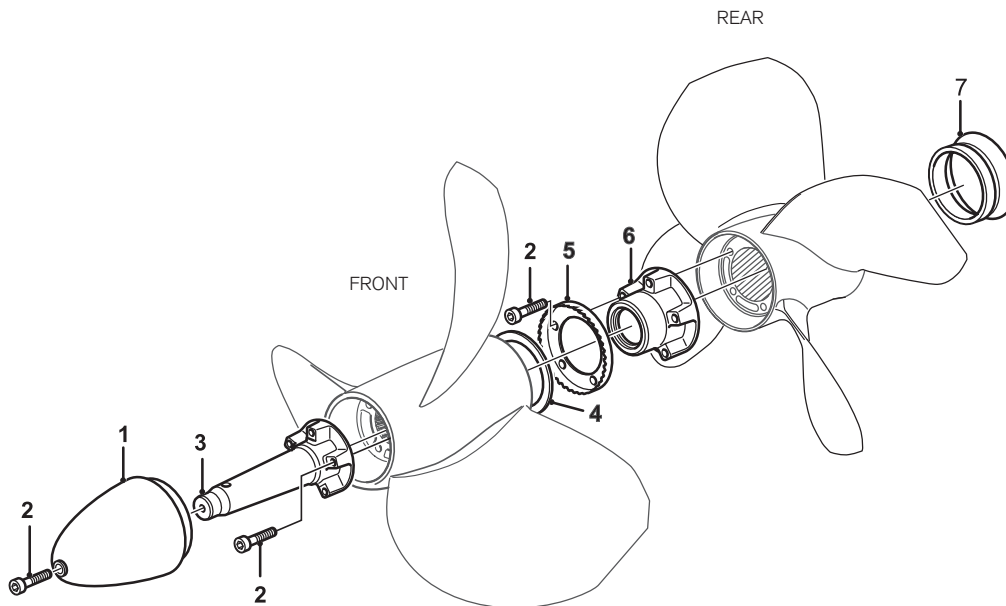
- Outstanding efficiency, maneuverability and comfort.
- Extremely strong nibral (nickel-bronze-aluminum) alloy.
- Excellent durability, minimal marine growth.
- Patented flow deflector minimizes pressure and wear on the propeller shaft seals.
- Three-blade front propeller and four-blade rear propeller.



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				

The type P/PS series covers applications from semi-planing boats with moderate top speeds to planing boats with high top speeds.

PS4	PS5	P1	P2	P3	P4	P5	P6	P7
Moderate top speed					High top speed			



Installation hardware, type P/PS

Pos	Part No	Item
1	21154200	Propeller cone
2	963699	Hex socket screw
3	21154206	Propeller nut, front
4	3593639	Felt washer

Pos	Part No	Item
5	21686494	Line cutter
6	21154277	Propeller nut, rear
7	3843992	Flow deflector

IPS 3

Type Q/QS – Nibral propellers

The state-of-the-art IPS propellers are developed, tested and manufactured with the highest precision to give outstanding efficiency, onboard comfort and maneuverability. The extremely strong and specially developed nibral (nickel-bronze-aluminum) alloy ensures minimum growth, excellent durability and corrosion resistance.

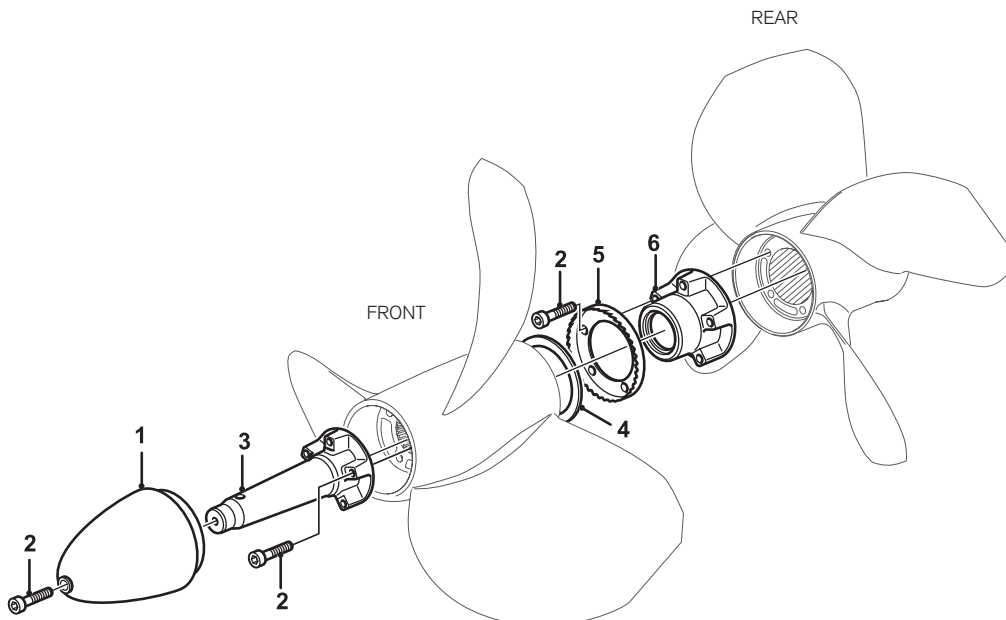
- Outstanding efficiency, maneuverability and comfort.
- Extremely strong nibral (nickel-bronze-aluminum) alloy.
- Excellent durability, minimal marine growth.
- Patented flow deflector minimizes pressure and wear on the propeller shaft seals.
- Three-blade front propeller and four-blade rear propeller.



DIM	Set	Front	Rear	DIM	Set	Front	Rear
QS5	21821365	21821255	21821265	Q4	21433624	21433604	21433614
Q1	21433621	21433601	21433611	Q5	21433625	21433605	21433615
Q2	21433622	21433602	21433612	Q6	21433626	21433606	21433616
Q3	21433623	21433603	21433613	Q7	21433627	21433607	21433617

The type Q/QS series covers applications from semi-planing boats with moderate top speeds to planing boats with high top speeds.

QS5	Q1	Q2	Q3	Q4	Q5	Q6	Q7
Moderate top speed				High top speed			



Installation hardware, type Q/QS

Pos	Part No	Item
1	40005165	Propeller cone
2	963699	Hex socket screw
3	40005157	Propeller nut, front

Pos	Part No	Item
4	21235219	Felt washer
5	21686496	Line cutter
6	40005161	Propeller nut, rear

Line cutter for IPS

Efficient. Sharp. Easy to install.

The line cutter is an easy to install accessory that provides additional protection in waters where it may be required. 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.

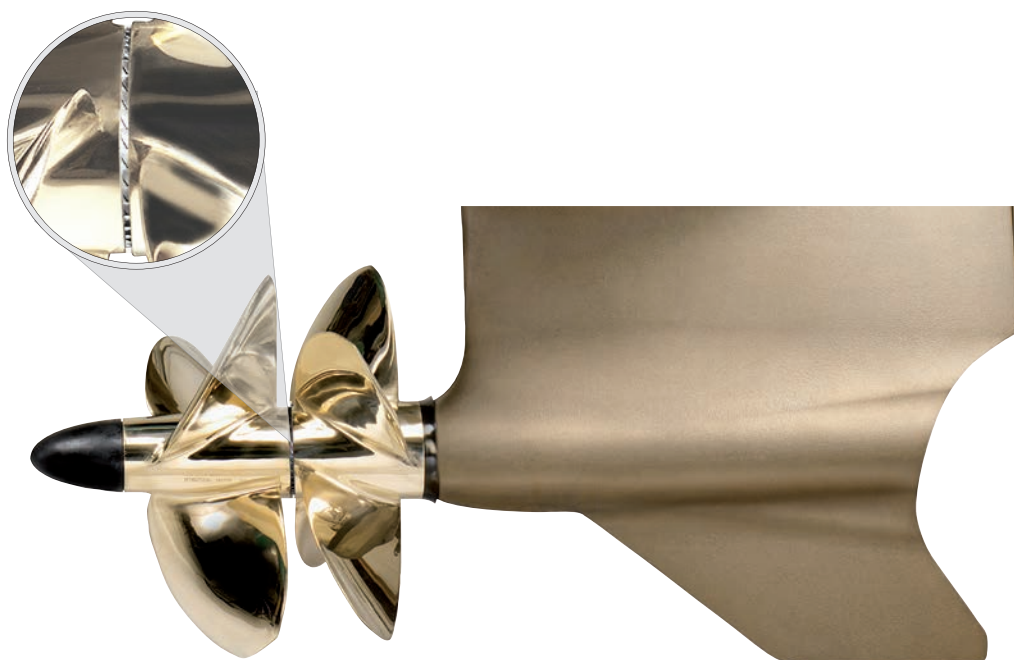
- Cuts up ropes, fishing lines, plastic bags etc.
- Protects propeller shaft sealing.
- Easy to install using existing bolts.
- Requires no drilling.
- Adds no drag or fuel consumption.



The line cutter is available for all Volvo Penta IPS models.

Fits	Part No.	Diameter	Material
IPS1	21686492	95 mm / 3,7"	316 Stainless steel
IPS2	21686494	120 mm / 4,7"	316 Stainless steel
IPS3*	21686496	140 mm / 5,5"	316 Stainless steel

* Included as standard from SN 3950001773.



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.