



ALUMINIUM PROPELLERS



STAINLESS STEEL PERFORMANCE AT ALUMINUM PRICES

Stainless steel blade geometry used in all aluminum patterns results in less blade flex. Higher efficiency equals better fuel economy, better top end, faster hole shot, and excellent cornering & handling.

TUNED VENTS FOR FAST HOLE SHOT

Vent holes in the prop's barrel allow exhaust gases to escape, reducing water density around the propeller's blades during acceleration. This causes the propeller to rotate faster at slower speeds resulting in more HP. More HP at lower speeds means faster acceleration and a faster hole shot. Turning Point is the only manufacturer offering this race proven feature in our Hustler & Legacy Aluminum Propellers. Available on most models, please refer to selection chart.

PERFORMANCE TUNED RAKE ANGLES

Higher rake angles tighten the vortex produced by the prop, adding to boat lift and overall performance.

IMPROVE HANDLING AND BOAT LIFT

Through advanced pitch line and rake line cupping.

HIGH FLOW-THROUGH BARREL EXHAUST SYSTEM

Maximizing exhaust flow increases horsepower and top end speed.

TUNED PROGRESSIVE PITCH ANGLES

Accelerating and channeling water to minimize slip increases performance and fuel economy.

LONG LASTING FINISH - POWDER COATED

The 5 step process creates a uniform, durable, high-quality, and attractive finish that protects the aluminum from corrosion.

COMPATIBLE WITH COMPETITORS' HUB SYSTEMS

Works with Mercury® Flow-Torq®, Michigan Wheel® XHS®, Solas® Rubex™ hub kit systems (All trademarks are the property of their respective owners). NOTE: Not applicable with Turning Point's 10, 20 and 200 Hub Kit series.

Hub Kit Available for Aluminum

Turning Point offers its unique hub and housing system from 8HP to 300+HP, a range of engines un-matched in the industry. Hub kit covered by USA & worldwide patents

Utilizing high tech shock absorbing polymers and a solid brass spindle, the Turning Point MasterGuard & MasterTorque hubs will not corrode or break like competing hubs, and are covered by an industry leading Lifetime Warranty. Each hub's one piece design ensures simple housing replacement, making a prop change quick and easy.



SQUEEZE CAST FOR ADDED STRENGTH

Turning Point Exclusive Process applied to all aluminum props - Squeeze Cast process generates the highest mechanical properties attainable in a cast product, resulting in tighter grain structures. Competitors use old Die Cast processes that results in high blade flex and poor performance.



TURNING POINT EXCLUSIVE PROCESS · TIGHT GRAIN · STRONG AND STIFF · REDUCES FLEX FOR MAXIMUM THRUST



COMPETITORS' PROCESS · POCKETS, VOIDS, AIR BUBBLES · WEAK AND FLEXIBLE · INEFFICIENT TRANSFER OF POWER · POOR REPAIRABILITY



FOUR BLADE ALUMINUM HUSTLER PROPELLER

New Four Blade Design uniquely engineered with two blade geometries: two blades utilize the Hustler high performance variable rake and aggressive pitch design for incredible hole shot and cornering, and two blades utilize a "cleaver" style shape for high speed and maximum stern lift.

This combination results in the highest performance aluminum propeller on the market, unmatched in cornering, acceleration, boat handling, and top speed. This is the ultimate water sports propeller, but also offers any boater four blade performance with none of the usual top speed reductions normal to other designs.



HUB

ELIMINATE HUB SYSTEM VIBRATION & CHATTER

Innovative one-piece design reduces the number of parts and eliminates failures commonly seen in multi-part hub systems.

ELIMINATE HUB CRACKING & FAILURE

The glass reinforced high-tech polymer construction increases flexibility, eliminating potential material stress fractures.

CORROSION RESISTANT MATERIALS

Premium corrosion resistant brass splines.

REDUCE GEAR SHOCK & ENGINE/DRIVE DAMAGE

Shock absorbing hi-tech polymer cushion.

REDUCES INVENTORY COST

Turning Point is the only manufacturer to offer the hub and housing system down to 8HP outboard applications.

REDUCE PROP REPLACEMENT COST BY 20-30%

Hub kits are designed to be reusable even after most propeller impacts, eliminating the need to replace the hub system when replacing a damaged propeller.

EASY TO INSTALL – CONSUMER FRIENDLY

Clear and easy step by step directions coupled with minimal parts makes installation easy.

INCREASES PERFORMANCE AND HP

High-flow through barrel exhaust system maximizes exhaust flow increasing horsepower and top end speed.



INTERCHANGEABLE AVEC LES HÉLICES CONCURRENTES INTERCHANGES WITH OTHER MANUFACTURERS' PROPELLERS

Upgrades and replaces Mercury® Flow-Torq®, Michigan Wheel® XHS®, Solas® Rubex™ hub kit systems (All trademarks are the property of their respective owners). NOTE: Not applicable with Turning Point's 10, 20 and 200 Hub Kit series.



REDUCES 25-75HP HUB INVENTORY BY ALMOST 60%

Competitor's hub kit systems take 7 kits to fit engine applications in the 25-75HP range, where Turning Point only needs 3 kits (10 Series Hub Kits).

US Patent #6,471,481, #6,685,432 & worldwide patents.

US and worldwide patents pending.



500 SERIES HUB SYSTEM
40 - 300+ HP

10 SERIES HUB SYSTEM
40 - 75 HP



20 SERIES HUB SYSTEM
20 - 35 HP



200 SERIES HUB SYSTEM
8 - 18 HP





STAINLESS STEEL PROPELLERS

IMPROVED HANDLING AND BOAT LIFT

Through advanced pitch line and rake line cupping, maximizes exhaust flow increasing horsepower and top end speed.

TUNED PROGRESSIVE PITCH ANGLES

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TUNED VENTS FOR FAST HOLE SHOT

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COMPATIBLE WITH COMPETITORS' HUB SYSTEMS

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HUB KIT SYSTEM AVAILABLE FOR STAINLESS

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Utilizing high tech shock absorbing polymers and a solid brass spindle, the Turning Point MasterGuard & MasterTorque hubs will not corrode or break like competing hubs, and are covered by an industry leading Lifetime Warranty. Each hub's one piece design ensures simple housing replacement, making a prop change quick and easy.





Engine	Year	Hub ref.	OEM Ref.	Ø x Pitch	Propeller Ref.
8 TO 18 HP - HUSTLER - ALUMINIUM					
8 Splines					
9.9 & 15 HP 2 Strokes	84 & +	HHB 205	63V-45945-00-EL	9 x 9	HHB R4 0909
F9.9 & F15 4 Strokes		HHB 205	683-45943-00-EL	9 x 10	HHB R4 0910
20 TO 35 HP - HUSTLER - ALUMINIUM					
10 Splines					
20 HP 2 Strokes	96/97	HHB 25			
25 HP 2 Strokes	80 & +	HHB 25	664-45947-01-EL	10-3/8 x 11	HHB R2 1011
25 HP 4 Strokes	98 & +	HHB 25	664-45949-02-EL	10-3/8 x 13	HHB R2 1013
30 HP 2 Strokes	79 & +	HHB 25			
40 TO 75 HP - HUSTLER - ALUMINIUM					
13 Splines					
40 / 50 HP 2 Strokes (except T50)	84 & +	HHB 12			
48 HP 2 Strokes	95 & +	HHB 12	663-45956-01-EL	12-1/2 x 8	HHB H1 1208
55 HP 2 Strokes	76/95	HHB 12	664-45947-01-EL	12 x 10-1/2	HHB H1 1210
FT 25 High Thrust	01 & +	HHB 12	663-45947-02-EL	10-7/8 x 11	HHB H1 1011
F30 4 Strokes	01 & +	HHB 12	6H5-45952-00-EL	10-3/4 x 12	HHB H1 1012
F40 4 Strokes	01 & +	HHB 12	6H5-45945-00-EL	10-1/2 x 13	HHB H1 1013
F40 4 Strokes	99 & +	HHB 12	663-45958-01-EL	10-3/8 x 14	HHB H1 1014
F50 4 Strokes	95 & +	HHB 12	6H5-45943-00-EL	10-1/8 x 15	HHB H1 1015
F60 4 Strokes	02 & +	HHB 12			
40 TO 150 HP - HUSTLER - ALUMINIUM					
15 Splines					
FT50 High Thrust	96 & +	HHB 500			
FT60 High Thrust	03 & +	HHB 500			
60 HP 2 Strokes	92 & +	HHB 500			
70 HP 2 Strokes	All	HHB 500			
75 HP 2 Strokes	94 & +	HHB 500			
F75 4 Strokes	03 & +	HHB 500	6E5-45954-00-EL	14 x 11	HHB LE1 1411
F80 4 Strokes	02 & +	HHB 500	6E5-45949-00-EL	14 x 13	HHB LE1 1413
F80 4 Strokes	02 & +	HHB 500	6E5-45947-00-EL	13-3/4 x 15	HHB LE1 1315
85 HP 2 Strokes	90/96	HHB 500	6E5-45945-01-EL	13-1/4 x 17	HHB LE1 1317
90 HP 2 Strokes	98/01	HHB 500	6E5-45941-00-EL	13-1/4 x 19	HHB LE1 1319
F90 4 Strokes	03 & +	HHB 500	6E5-45943-00-EL	13-1/4 x 21	HHB LE1 1321
F100 4 Strokes	All	HHB 500			
115 HP 2 Strokes	All	HHB 505			
F115 4 Strokes	00 & +	HHB 505			
130 HP 2 Strokes	84 & +	HHB 505			
* If propeller strikes trim tab, replace with Yamaha part # 6E5-45371-10					
135 TO 300 HP - HUSTLER - ALUMINIUM					
15 Splines					
150 HP 2 Strokes	86 & +	HHB 505			
150 HP 4 Strokes	04 & +	HHB 505			
175 / 200 HP 2 Strokes	84 & +	HHB 505	6G5-45941-00-98	15-1/4 x 15	3 Blades HHB LE 1515
200 HP 2 Strokes	84 & +	HHB 505	6G5-45947-01-98	14-1/2 x 17	HHB LE 1417
225 HP 2 Strokes	86 & +	HHB 505	6G5-45945-01-98	14-1/4 x 19	HHB LE 1419
250 HP 2 Strokes	90 & +	HHB 505	6G5-45943-01-98	14-1/4 x 21	HHB LE 1421
250 HP 2 Strokes	90 & +	HHB 505	6G5-45949-01-98	14-1/4 x 23	HHB LE 1423
F225	02 & +	HHB 505			
F250	05 & +	HHB 505	/	14 x 17	4 Blades RH & LH HHB LE 1417 4
300 HP 2 Strokes	03 & +	HHB 505	/	14 x 19	HHB LE 1419 4
Sterndrive 3.0 to 7.4 L		HHB 505	/	14 x 21	HHB LE 1421 4



Engine	Year	Hub ref.	OEM Ref.	Ø x Pitch	Propeller Ref.
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40 TO 75 HP - EXPRESS - INOX

13 Splines

40 / 50 HP 2 Strokes (except T50)	84 & +	HHB 12			
48 HP 2 Strokes	95 & +	HHB 12	/	12 x 9	HHB E1 1209
55 HP 2 Strokes	76/95	HHB 12	/	12 x 11	HHB E1 1211
FT 25 High Thrust	01 & +	HHB 12	/	12 x 13	HHB E1 1213
F30 4 Strokes	01 & +	HHB 12	663-45972-60-98	10-1/2 x 11	HHB E1 1011
F40 4 Strokes	99 & +	HHB 12	633-45970-60-98	10-1/2 x 12	HHB E1 1012
F50 4 Strokes	95 & +	HHB 12	633-45974-60-98	10-1/2 x 13	HHB E1 1013
F60 4 Strokes	02 & +	HHB 12	633-45930-00-98	10-1/2 x 14	HHB E1 1014
			633-45976-00-98	10-1/2 x 15	HHB E1 1015

40 TO 150 HP - EXPRESS - INOX

15 Splines

FT50 High Thrust	96 & +	HHB 500			
FT60 High Thrust	03 & +	HHB 500			
60 HP 2 Strokes	92 & +	HHB 500			
70 HP 2 Strokes	All	HHB 500			
75 HP 2 Strokes	94 & +	HHB 500	/	14 x 11	HHB PA1 1411
F75 4 Strokes	03 & +	HHB 500	/	14 x 13	HHB PA1 1413
F80 4 Strokes	02 & +	HHB 500	688-45978-60-98	13-1/4 x 15	HHB PA1 1315
85 HP 2 Strokes	90/96	HHB 500	688-46930-02-98	13-1/4 x 17	HHB PA1 1317
90 HP 2 Strokes	98/01	HHB 500	688-45970-03-98	13-1/4 x 19	HHB PA1 1319
F90 4 Strokes	03 & +	HHB 500	688-45972-02-98	13-1/4 x 21	HHB PA1 1321
F100 4 Strokes	All	HHB 500			
115 HP 2 Strokes	All	HHB 505			
F115 4 Strokes	00 & +	HHB 505			
130 HP 2 Strokes	84 & +	HHB 505			

* If propeller strikes trim tab, replace with Yamaha part # 6E5-45371-10

135 TO 300 HP - EXPRESS - INOX

15 Splines

150 HP 2 Strokes	86 & +	HHB 505			
150 HP 4 Strokes	04 & +	HHB 505			
175 / 200 HP 2 Strokes	84 & +	HHB 505	6G5-45978-03-98	3 Blades RH/LH 14-1/4 x 17	HHB PA 1417
225 HP 2 Strokes	86 & +	HHB 505	6G5-45974-03-98	14-1/4 x 19	HHB PA 1419
250 HP 2 Strokes	90 & +	HHB 505	6G5-45972-02-98	14-1/4 x 21	HHB PA 1421
F225	02 & +	HHB 505	6G5-45976-01-98	14-1/4 x 23	HHB PA 1423
F250	05 & +	HHB 505	/	4 Blades 14 x 15	HHB PA 1415 4
300 HP 2 Strokes	03 & +	HHB 505	/	14 x 17	HHB PA 1417 4
Sterndrive 3.0 to 7.4 L		HHB 505	/	14 x 19	HHB PA 1419 4
			/	14 x 21	HHB PA 1421 4

* Please add "L" at the end of our code to order a Left Hand rotation propeller (LH)

DE 135 À 300 CV - EXPRESS - INOX

15 Splines

150 HP 2 Strokes	86 & +	HHB 505			
150 HP 4 Strokes	04 & +	HHB 505			
175 / 200 HP 2 Strokes	84 & +	HHB 505	RH	3 Blades RH/LH 15 x 15	HHB VO 1515
225 HP 2 Strokes	86 & +	HHB 505	6R4-45976-A0-00	15 x 17	HHB VO 1517
250 HP 2 Strokes	90 & +	HHB 505	6R4-45970-A0-00	15 x 19	HHB VO 1519
F225	02 & +	HHB 505	6R4-45972-A0-00	15 x 21	HHB VO 1521
F250	05 & +	HHB 505	RH	4 Blades RH/LH 14-1/2 x 17	HHB VO 1417 4
300 HP 2 Strokes	03 & +	HHB 505	/	14-1/2 x 19	HHB VO 1419 4
			/	14-1/2 x 21	HHB VO 1421 4
Sterndrive 3.0 to 7.4 L		HHB 505	/	14-1/2 x 23	HHB VO 1423 4

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