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## **Propeller Shafts (inches)**

Our propeller shafts can be manufactured from bright ground 316 or F51 Diplex Stainless Steel, as available, and supplied in metric or imperial sizes. These shafts can be machined with either 1:10, 1:12 or 1:16 tapers as standard. They are supplied with key, nut and split pin ready for installation, The inboard end can be machined to your specification at extra cost or left blank as standard. 1:14 and 1:20 tapers carry a £25 surcharge and completely non-standard tapers have a higher surcharge, which will be advised at time of order.

Specify diameter "D", overlength "L", taper, and additional requirements when ordering.

All shafts are precision straightened

IMPERIAL SHAFTS: Based on 3ft/ 914 mm overall length 'L', includes Key, BSF, Nut & Split Pin:									
SHAFT diameter 'D"	Dimensions in inches		inches	SINGLE TAPER 1 IN 12	EXTRA PER 12 inch- es / 305mm UPTO 10ft O/A	EXTRA FOR DOUBLE TAPER			
	h	i	k						
3/4"	1 3/4"	1"	.188	£165.00	£18.00	£60.00			
7/8"	1 1/8"	1"	.188	£176.00	£23.00	£60.00			
1"	2 1/8"	1 1/4"	.250	£171.00	£25.00	£60.00			
1 1/8"	2 3/8"	1 1/4"	.250	£218.00	£50.00	£66.00			
1 1/4"	3"	1 1/4"	.313	£240.00	£43.00	£80.00			
1 ½"	3 1/8"	1 3/8"	.375	£325.00	£60.00	£113.00			
1 3/4"	4 1/4"	1 1/8"	.438	£389.00	£81.00	£121.00			
2"	4 1/8"	2 3/4"	.500	£467.00	£106.00	£126.00			
2 1/4"	5 1/4"	2 3/8"	.625	£POA	£POA	£POA			
2 ½"	5 3/4"	2 3/4"	.625	£POA	£POA	£POA			
2 3/4"	6 3/4"	2 3/4"	.750	£POA	£POA	£POA			
3"	7 3/4"	2 3/4"	.750	£POA	£POA	£POA			



## Propeller Shafts (millimeters)

All shafts are precision straightened

METRIC SHAFT	METRIC SHAFTS: Based on 1000 mm overall length 'L'. Includes Key, Metric Nut and Split Pin:									
SHAFT diameter 'd"	Dimensions in mm		n mm	SINGLE TAPER 1 IN 10	EXTRA PER 300mm	EXTRA FOR DOUBLE TAPER				
	h	i	k							
20mm	45	25	6	£160.00	£20.00	£60.00				
22mm	47	25	6	£210.00	£33.00	£60.00				
25mm	55	25	6	£172.00	£25.00	£60.00				
30mm	75	30	8	£240.00	£40.00	£66.00				
35mm	85	35	10	£297.00	£52.00	£80.00				
40mm	95	35	12	£314.00	£68.00	£113.00				
45mm	105	40	14	£411.00	£86.00	£121.00				
50mm	115	45	14	£450.00	£122.00	£126.00				

Cost of keying parallel shaf supply parallel key	t and	<sup>3</sup> ⁄ <sub>4</sub> "/20mm to 1 ½"/35mm.	Shaft dia - extra £40.00
Fitting a ½" coupling is ext	ra	1 <sup>3</sup> ⁄ <sub>4</sub> "/40mm to 2"/50mm.	Shaft dia - extra £58.00
Notches for bukh coupling	inboard -	E30	

The above prices are for shafts up to 3 mtrs/10 ft: Longer lengths subject to individual quotation, as are, different tapers and special requirements. Sizes and specifications may vary, surcharges may apply, check when ordering.

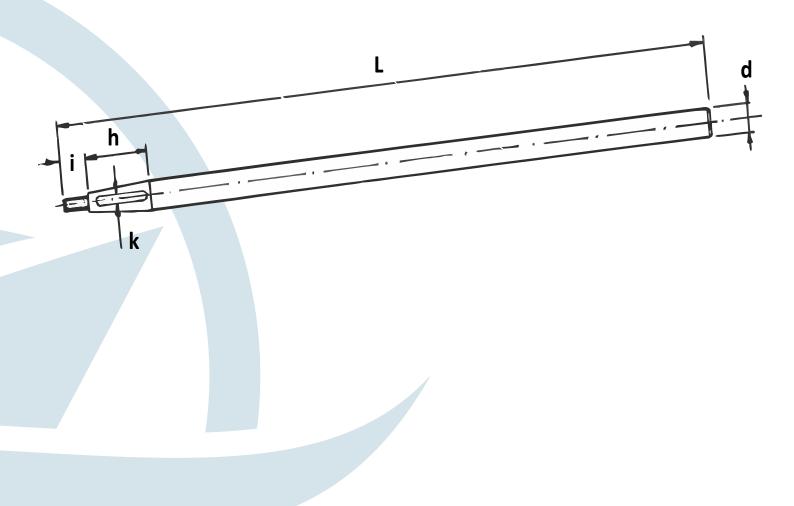
If your order uses almost a complete bar with practically no waste, we might be able to reduce the cost to you. Bar lengths are 3 or 4 Metres.

Please ask at time of order to check is a cost reduction applies, otherwise the shaft will be charged as per the cost chart above.

Boxes can be supplied for transport / export.

**Note:** All above prices are based on current costs, these may be amended in the case of escalating material prices, please check before ordering.

POA= Price on application. SHAFT STRAIGHTENING FROM £70

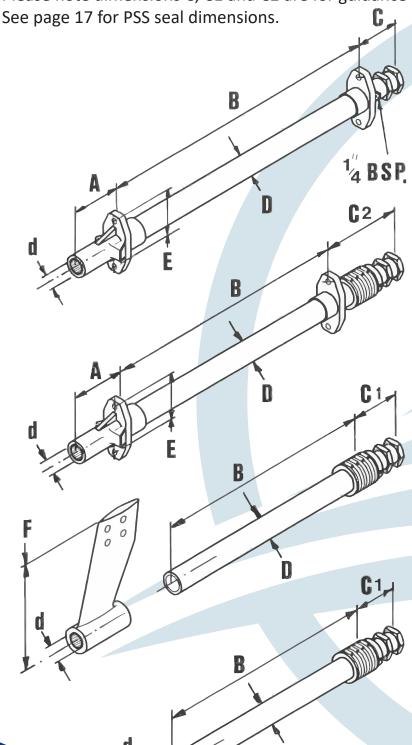




## How to order your stern tube assembley

- 1. Select the stern tube assembly from types 1, 3, 4 & 5.
- 2. Specify shaft diameter 'd'.
- 3. Specify length 'B'.
- **4.** Specify length 'A' if different to standard, see table on page 3.
- 5. Specify PSS seal, Tides Marine seal or traditional type gland as drawn below.

Please note dimensions C, C1 and C2 are for guidance only and relate to traditional type gland.



#### TYPE 1

Water scoop outboard bearing, brass tube, fixed flange inboard, nut type traditional gland. (Stud type over 1 3/8" 135mm)

#### TYPE 3

Water scoop outboard bearing, brass tube, inboard mounting flange, flexible inboard bearing, nut type traditional gland. PSS seal or Tides Marine seal (Stud type over 1 3/8" 135mm)

#### TYPE 4

Plain Epoxy Glass tube & flexible nut type traditional gland or PSS seal or Tides Marine seal. (Stud type over 1 3/8" 135mm) 'P' Strut and cutlass bearing (see separate listing for further detail) can be used with 'A' bracket etc.

#### TYPE 5

Epoxy Glass tube with cutlass bearing outboard, flexible inboard bearing and nut type traditional gland or PSS seal or Tides Marine seal. (Stud type over 1 3/8" 35mm)

Тур	e 1										
										With traditional type stuffing gland	'B' Dimension Extra per"
for Shat		А		С		D		E		'B' Dimension at 12" - 305mm	12" - 305mm
<b>7</b> /8"	22mm	4 ½"	114	3 1/4"	84	1 ½"	38	4"	102	£612.00	£46.00
1"	25mm	5"	125	3 1/4"	84	1 ½"	38	4"	102	£629.00	£46.00
1 1/8"		5 1/4"	135	3 1/4"	84	1 3/4"	45	4"	102	£652.00	£52.00
1 ¼". 1 ¾"	30mm 35mm	6"/6 1/4"	150	3 ½"	90	1 3/4"	45	4 ½"	114	£686.00	£52.00
1 ½"	40mm	7 ½"	188	3 ½"	90	2"	51	5"	127	£915.00	£64.00
1 ¾"	45mm	7 ½"	188	3 ½"	90	2 ½"	64	5"	127	£983.00	£91.00

T	Type 3													
														'B' Dimension Extra per"
1	r Sha ame	aft ter 'd'	А		C2		D		E		With traditional type stuffing gland	PSS Seal	Tides Marine Seal	12" - 305mm
											B' Dimens	sion at 12"	- 305mm	
7/8	"	22mm	4 ½"	114	3 1/4"	84	1 ½"	38	4"	102	£612.00	£777.00	£709.00	£46.00
1"		25mm	5"	125	3 1/4"	84	1 ½"	38	4"	102	£629.00	£795.00	£720.00	£46.00
1	1/8"		5 1/4"	135	3 1/4"	84	1 3/4"	45	4"	102	£652.00	£795.00	£616.00	£52.00
	1/4". 3/8"	30mm 35mm	6"/6 ½"	150	3 ½"	90	1 3/4"	45	4 ½"	114	£686.00	£897.00	£772.00	£52.00
1	1/2"	40mm	7 ½"	188	3 ½"	90	2"	51	5"	127	£915.00	£1063.00	£1189.00	£64.00
1	3/4"	45mm	7 ½"	188	3 ½"	90	2 ½"	64	5"	127	£983.00	£1144.00	£1235.00	£91.00



Typ	e 4											
for Sha diamet		C1		D		F		TYPE4 B Dim'n Extra for 25 to 48"	With traditional type stuffing gland	PSS Seal	Marine Seal	P Bracket and Bearing
								611 to 1220 mm	'B' Dimension up to 24" - 610mm		ension at 510mm	
7/ <sub>8</sub> ''	22mm	4"	102	1 3/4"	44	10"	254	£46.00	£304.00	£348.00	£280.00	£305.00
1"	25mm	4"	102	1 3/4"	44	15 ¾"	400	£46.00	£304.00	£354.00	£280.00	£305.00
1 1/8"		4"	102	2"	51	15 3/4"	400	£46.00	£354.00	£389.00	£332.00	£325.00
1 1/4"	30mm	4" 3/4"	122	2 1⁄4"	57	15 ¾"	400	£68.00	£423.00	£457.00	£332.00	£398.00
1 3/8"	35mm	4" 3/4	122	2 ½"	64	17 3/4"	450	£68.00	£423.00	£468.00	£514.00	£520.00
1 ½"	40mm	5 1/4"	135	2 ½"	64	17 3/4"	450	£80.00	£595.00	£548.00	£663.00	£612.00
1 3/4"	45mm	5 1/4"	135	3"	76	21 ¾"	450	£91.00	£675.00	£640.00	£720.00	£944.00

Typ	e 5										
for Sha diamet		C1		D			TYPE4 B Dim'n Extra for 25 to 48" 611 to 1220 mm	With traditional type stuffing gland 'B'	PSS Seal	Tides Marine Seal	
	1		r					Dimension up to 24" - 610mm		510mm	
<b>7</b> ⁄8"	22mm	4"	102	1 3/4"	44		£46.00	£366.00	£412.00	£343.00	
1"	25mm	4"	102	1 3/4"	44		£46.00	£366.00	£418.00	£343.00	
1 1/8"		4"	102	2"	51		£46.00	£434.00	£468.00	£411.00	
1 1/4"	30mm	4 3/4"	122	2 1/4"	57		£68.00	£492.00	£525.00	£400.00	
1 3/8"	35mm	4 3/4"	122	2 ½"	64		£68.00	£503.00	£548.00	£595.00	
1 ½"	40mm	5 1/4"	135	2 ½"	64		£80.00	£686.00	£640.00	£755.00	
1 3/4"	45mm	5 1/4"	135	3"	76		£91.00	£789.00	£755.00	£835.00	

# Marine Cutless Bearings - Nitrile Rubber Lined

Imperia	l Sizes				
Shaft	Shell	Length	Brass	Non Metallic	
Dia	Dia.		Price	Price	
3/4"	1 1/4"	3"	£47.00	£31.00	PH
<b>7</b> /8"	1 1/4"	3 ½"	£77.00	£67.00	PH
<b>7</b> ⁄8"	1 3/8"	3 ½"	£63.00	£48.00	PH
<b>7</b> ⁄8"	1 ½"	3 ½"	£77.00	£67.00	PH
1"	1 1/4"	4"	£49.00	£32.00	PH
1"	1 3/8"	4"	£69.00	£60.00	РН
1"	1 ½"	4"	£48.00	£40.00	G
1"	1 1/8"	4"		£65.00	G
1 1/8"	1 ½"	4 ½"	£77.00	£51.00	РН
1 1/8"	1 1/8"	4 ½"	£80.00	£103.00	G
1 1/8"	1 3/4"	4 ½"	£81.00	£53.00	РН
1 1/8"	1 1/8"	4 ½"	£114.00		G
1 1/4"	1 3/4"	5"	£58.00	£52.00	G
1 1/4"	2"	5"	£65.00	£70.00	G
1 3/8"	1 1/8"	5 ½"	£85.00	£57.00	PH
1 ½"	2"	6"	£69.00	£57.00	G
1 ½"	2 3/8"	6"	£114.00	£65.00	РН
1 1/8"	2 1/8"	6 ½"	£147.00	£100.00	PH
1 3/4"	2 3/8"	7"	£101.00	£80.00	G
1 3/4"	2 5/8"	7"	£106.00	£115.00	G
2"	2 5/8"	8"	£111.00	£88.00	G
2"	2 3/4"	8"	£166.00	£113.00	G
2"	3"	8"	£180.00	£125.00	G
2 1/4"	3"	9"	£143.00	£101.00	G
2 1/4"	3 1/8"	8"	£216.00	£156.00	G
2 ½"	3"	10"	£215.00	£125.00	G
2 ½"	3 1/4"	10"	£176.00	£116.00	G
2 3/4"	3 ½"	11"	£255.00	£152.00	РН
3"	3 3/4"	12"	£251.00	£193.00	G
3"	4"	12"	£360.00	£257.00	G

Metric Si	zes				
Shaft	Shell	Length	Brass	Non Metallic	
Dia.	Dia.		Price	Price	
20mm	35mm	80mm	£90.00	£67.00	PH
22mm	35mm	88mm	£90.00	£67.00	РН
25mm	40mm	100mm	£48.00	£41.00	G
30mm	40mm	120mm	£77.00	£52.00	PH
30mm	45mm	120mm	£58.00	£50.00	G
35mm	50mm	140mm	£63.00	£53.00	G
40mm	55mm	160mm	£78.00	£59.00	G
45mm	65mm	180mm	£104.00	£86.00	G
50mm	70mm	200mm	£120.00	£87.00	G
55mm	75mm	220mm	£141.00	£214.00	G
60mm	80mm	240mm	£170.00	£116.00	G
65mm	85mm	260mm	£194.00	£78.00	РН
70mm	90mm	280mm	£189.00	£117.00	G
75mm	95mm	300mm	£240.00	£119.00	G

PH = Phenolic Shell G= GRP Shell





# **Marine Cutless Bearings**

Metric S ameter	haft Diam	eter, Im	perial She	ell Di-	
Shaft	Shell	Length	Brass	Non Metallic	
Diameter	Diameter		Price	Price	
20mm	1 1/4"	80mm	£87.00	£63.00	G
22mm	1 1/4"	88mm	£POA	£POA	
22mm	1 <sup>3</sup> /8"	88mm	£POA	£POA	
25mm	1 1/4"	100mm	£75.00	£68.00	PH
25mm	1 3/8"	100mm	£65.00	£47.00	PH
25mm	1 ½"	100mm	£47.00	£58.00	G
30mm	1 3/4"	120mm	£57.00	£66.00	G
35mm	1 1/8"	140mm	£60.00	£69.00	G
40mm	2 1/8"	160mm	£78.00	£79.00	G
45mm	2 3/8"	178mm	£101.00	£102.00	G
50mm	2 5/8"	200mm	£108.00	£123.00	G

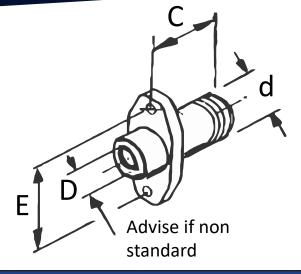
Other sizes are available both in imperial and metric. Detail and price on request. POA = Price On Application

Shaft	Housing	Length	Price
Diameter	Diameter		
22mm	29mm	75mm	£30.00
22mm	36mm	75mm	£30.00
25mm	34mm	55mm	£30.00
25mm	36mm	100mm	£30.00
25mm	40mm	100mm	£33.00
25mm	40mm	120mm	£33.00
30mm	40mm	100mm	£34.00
30mm	40mm	120mm	£34.00
Shrimper,	brass shell o	ptions	
Shaft	Shell	Length	Price
Diameter	Diameter		
1"	34mm	60mm	£59.00
25mm	34mm	60mm	£59.00

**Headed all Rubber Bearings** 

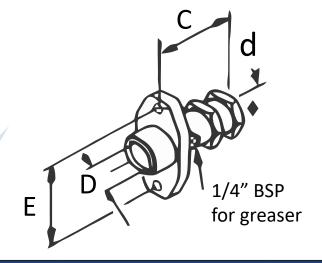
PH = Phenolic Shell G= GRP Shell

# **Inboard flange for PSS / TIDES Seal.**



To order, advise "d" and any special requirements					
shaft range	"d" inside dia. of your hose	"C" as std.	std. tube dia. "D" thread 12 t.p.i	"E" std. bolt centres	Std. Price
%" to 1 %" 22mm to 28mm	"1 1/4" to 1 3/4"	2 ½"	1 ½"	4"	£189.00
1 1/4" to 1 1/8"	1 ¾"" to 2 ¼"	3"	1 3/4"	4 ½"	£240.00
30mm to 35mm 1 ½" to 1 ¾"	2 ½ to 3 ½"	2 5/8"	2" or 2 1/4"	4 holes 4 ½" PCD	£211.00
40mm to 45mm		flat back		round flange	

# **Rigid Inboard Gland**

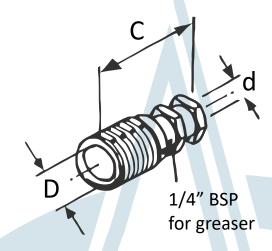


To order, select shaft diameter and any non-standard requirements				
"d" inside dia. of your hose	"C" as std.	std. tube dia. "D" thread 12 t.p.i	"E" std. bolt centres	Std. Price
%" to 1 %" 22mm to 25mm	3 1/4"	1 ½"	4"	£297.00
1 1/8" to 1 3/8" 28mm to 35mm	3 ½"	1 3/4"	4" to 4 ½"	£343.00
1 ½" & 40mm	3 ½"	2"	4 holes 4 ½" PCD round flange	£446.00
1 ¾" & 45mm	3 ½"	2 1/2"	4 holes 4 ½" PCD round flange	£492.00



## **Flexible Inboard Gland**

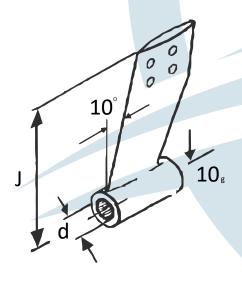
with nut type gland (stud type over 1 318" 135mm)



To order, specify "d" shaft diameter and confirm "D"				
for shaft diameter "d"	approx "C"	standard "D"	Std. Price	
³⁄₄" / 20mm	6" 1150mm	1 1/4" 1 3 2 - 2 " / 5 1	£246.00	
7⁄8" / 22mm	6" 1150mm	1½"   38 - 2"   51mm	£246.00	
1" / 25mm	6" 1150mm	1½"   38 - 2"   51mm	£246.00	
1 1/2" I 28mm	6" 1150mm	1½" 138 - 2 "  51mm	£264.00	
1 ¼" 130mm - 1 ¾" 135mm	7" 1175mm	1 ¾" 143mm - 2 1/ 4 " / 58mm	£320.00	
1 ½" / 40mm	8" 1200mm	2 " 1 5 1 - 2 1 / 2 " 1 64mm	£497.00	
1 %" or 1 ¾" 145mm	8" 1200mm	2 " 1 5 1 - 2 1 / 2 " / 64mm	£560.00	

Special requirements can usually be accommodated

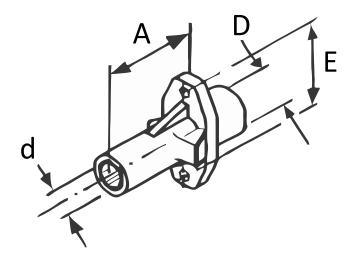
# Glass-in "P" Brackets



To order, specify "d" shaft diameter				
for shaft diameter "d"	length "J"	Std. Price		
⅓" / 22mm	16" / 400mm	£305.00		
1" I 25mm	16" I 400mm	£305.00		
¹1⁄⁄8" 128mm	16" / 400mm	£325.00		
1 ¼" / 30mm	16" / 400mm	£398.00		
1 3/8" 135mm	18" / 450mm	£520.00		
1½" / 40mm	18" / 450mm	£612.00		
1 ¾" 145mm	22" 1550mm	£944.00		
2" / 50mm	22" / 550mm	£1,118.00		

# **Water Scoop Outboard bearing**

(Cutless fitted)



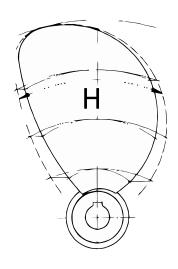
To order, select shaft diameter				
for shaft diameter "d"	standard length "A"	std. tube dia. "D" thread 12 t.p.i	"E" std. bolt centres	Std. Price
7∕8" / 22mm	4 ½" /1144mm	1 ½"   38	4" /1102	£309.00
1" / 25mm	5" /1125mm	1 ½" / 38	4" /1102	£309.00
1 1/8" / 28mm	5 ¼" /1135mm	1 ¾" /145	4" /1102	£320.00
1 1/4" / 30mm - 1 3/8" / 35mm	6" /1150mm	1 ¾" /145	4112" /1114	£332.00
1 ½" / 40mm	7" /1178mm2	22 / 51	5" /1127	£469.00
1 5/8" or 1 3/4" / 145mm	7 ½" 188	2 1/4" 157	5" 1127	£497.00

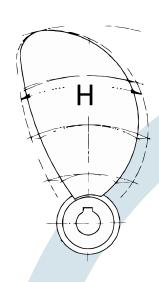


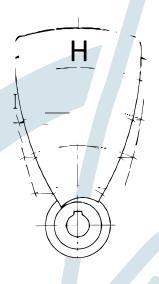
## **Radice Blade Profiles**

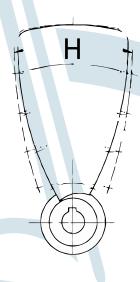
To calculate Blade Width where "D" is Diameter and "H" is Blade Width H = D x factor shown against each blade type & propeller model.









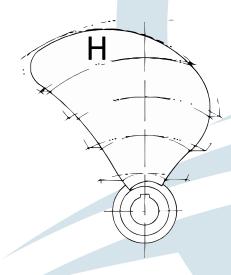


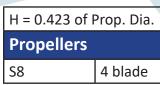
H = 0.376 of Prop. Dia.		
Propellers		
E13	3 blade	
В7	4 blade	

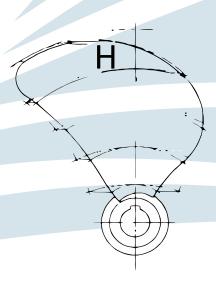
H = 0.311 of Prop. Dia.		
Propellers		
E12	3 blade	
В6	4 blade	
A3	5 blade	

H = 0.352 of Prop. Dia.				
Propellers				
K3/50	3 blade			
K4/67	4 blade			

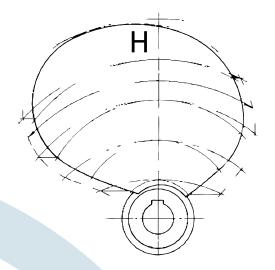
H = 0.306 of Prop. Dia.		
Propellers		
K3/42 3 blade		
K4/56 4 blade		

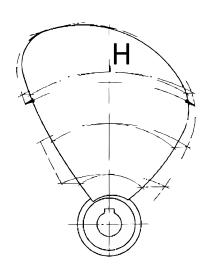


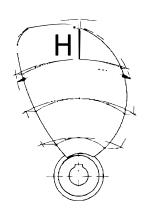




H = 0.430 of Prop. Dia.		
Propellers		
S9	5 blade	









H = 0.611 of Prop. Dia.		
Propellers		
D10	3 blade	

H = 0.436 of Prop. Dia.		
Propellers		
C7	3 blade	
EA	4 blade	
C9	5 blade	

H = 0.376 of Prop. Dia.		
Propellers		
K11	2 blade	

H = 0.250 of Prop. Dia.		
Propellers		
M12	2 blade	



# Radice Blade 2 & 3 Blade Bronze Propellers



Europes largest volume propeller manufacturer

		2 Blade Sailing	2 Blade Turbine	3 Blade Fine	3 Blade Standard	3 Blade Equipoise
Diameter		Type M12:0.23	Type K11 :0.34	Type E12:0.43	Type E13:0.52	Type C7:0.55
10"	254mm				£280.00	
11"	279mm				£280.00	
12"	305mm	£269.00	£298.00	£280.00	£353.00	
13"	330mm	£291.00	£306.00	£330.00	£365.00	
14"	356mm	£302.00	£323.00	£352.00	£375.00	
15"	381mm	£308.00	£353.00	£363.00	£393.00	
16"	406mm	£363.00	£373.00	£385.00	£432.00	£495.00
17"	432mm		£423.00	£423.00	£478.00	£544.00
18"	457mm		£443.00	£445.00	£494.00	£625.00
19"	483mm				£576.00	
20"	508mm				£619.00	£744.00
21"	533mm				£784.00	
22"	559mm				£950.00	

Propeller Blade Style



NLA Limited Stock



H W

**RH Only** 





- Prices include standard taper boring & keyslot 1 in 10, 1 in 12 & 1 in 16 only
   1 in 14 & 1 in 20 £25 net surcharge.
- Available in left & right hand & full range of popular pitches (pilot bore less £50 up to 17" and £60 above 17").
- Sillette stock range M12 12" to 16" Dia: K11 12" to 18" Dia: E12 12" to 18" Dia in righthand
- E13 10" to 22" Dia, C7 16" to 22" Dia: OPropellers may not be of Radice origin or specification. (See Above)
- Propeller material ot/man, specially formulated for Eliche Radice propellers only.
   It has good strength charactaristic and a good resistance to corrosion.
   Copper 53/56% Manganese 1.8/2.4% Nickel 1.5/2.0%

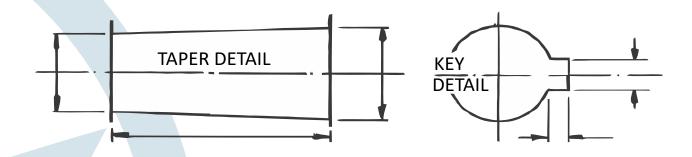
# Radice Blade 2 & 3 Blade Bronze Propellers



Continued.

Mechanical restistance R>535 N/mm 2, yield strength >220N/mm 2, elongation> 25% In most cases it is not necessary to specify mibral (Nickel Aluminium Bronze) which would add 30% to above prices.

When ordering please specify following dimensions for bore & keyslot and confirm if they
relate to propeller hub or shaft for folding propellers also specify thread ie. ¾" BSF - M16 x 1.5
pitch etc

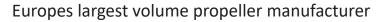


Propellers correctly supplied to your order are not returnable.

The Radice Company, established in 1919 has always been one of the most advanced in designing and manufacturing any type of propeller, from small outboard propellers to ship's propellers up to 4 mtr in diameter. Due to their policy of continuous development, specification may change without prior notice, please check when ordering. Prices subject to change without notice.



# Stern Propellers & Sail Propellers





#### For, ENFIELD 130, SONIC, PERKINS, TRANSADRIVE, & VOLVO 80.88. Sterndrives

For, ENFIELD 130, SONIC, PERKINS, TRANSADRIVE, & VOLVO 80.88. Sterndrives						
13"	Diax	8"	PITCH	R	£231.00	
13"	Diax	10"	PITCH	R	£231.00	
13"	Diax	11"	PITCH	R	£231.00	
13"	Diax	12"	PITCH	R	£231.00	
13"	Diax	13"	PITCH	R	£231.00	
13"	Diax	14"	PITCH	R	£231.00	

For, ENFIELD 130, SONIC, PERKINS, TRANSADRIVE, & VOLVO 80.88. Sterndrives						
14"	Diax	9"	PITCH	R	£231.00	
14"	Diax	10"	PITCH	L or R	£231.00	
14"	Diax	11"	PITCH	R	£231.00	
14"	Diax	12"	PITCH	L or R	£231.00	
14"	Diax	13"	PITCH	R	£231.00	
14"	Diax	14"	PITCH	L	£231.00	

All 3 blade Aluminium for .80"/20.5mm Dia 12 Spline involute prop shaft. RETAINING CONE, TAB WASHER AND SPACER FOR ABOVE - £66

#### For, VOLVO AQUAMATIC 100 -110 - Pin drive (limited stock)

For, VOLVO AQUAMATIC 100 -110 - Pin drive						
14" Diameter	Diax	9"	PITCH	R	£234.00	
14" Diameter	Diax	10"	PITCH	L or R	£234.00	
14" Diameter	Diax	11"	PITCH	L	£234.00	
14" Diameter	Diax	12"	PITCH	R	£234.00	
14" Diameter	Diax	14"	PITCH	L	£234.00	

# For, ENFIELD 200, SONIC 250, TRANSADRIVE 220, & VOLVO AQUAMATIC 200.250.270.280.

For, ENFIELD 200, SONIC 250, TRANSADRIVE 220, & VOLVO AQUAMATIC 200.250.270.280.					
14" Diameter	PITCHES 9" to 17"	left or right hand rotation	£252.00		
15" Diameter	PITCHES 9" to 17"	left or right hand rotation	£262.00		
16" Diameter PITCHES 12, 14", 16" 18" left or right hand rotation £273.00					

All 3 blade Aluminium for 1.100"/28mm Dia 17 Spline involute prop shaft, standard hub length Retaining cone and Tab washer for above - Sillette type - £66 Adaptor to convert 12 Spline Shafts to 17 Spline - NLA

# Stern Propellers & Sail Propellers



Europes largest volume propeller manufacturer

# For, BUKH, YANMAR, NANNI, VOLVO & SONIC. Sail Drives, 2 Blade. 17 Spline. 28mm Shaft

For, BUKH, YANMAR, NANNI, VOLVO & SONIC. Sail Drives, 2 Blade. 17 Spline. 28mm Shaft					
14" Diameter	PITCHES 7", 8", 9", 10"	left hand rotation	£221.00		
15" Diameter	PITCHES 10", 11", 13"	left hand rotation	£234.00		
16" Diameter	PITCHES 11", 13"	left hand rotation	£238.00		
17" Diameter	PITCHES 12", 14"	left hand rotation	£258.00		
18" Diameter	PITCHES 10", 12"	left hand rotation	£312.00		

#### Sail Drives, 3 Blade. 17 Spline. 28mm Shaft

Sail Drives, 3 Bla	Sail Drives, 3 Blade. 17 Spline. 28mm Shaft						
14" Diameter	PITCHES 9", 10", 11", 12"	left hand rotation	£251.00				
15" Diameter	PITCHES 11", 12", 13"	left hand rotation	£265.00				
16" Diameter	PITCHES 11", 12"	left hand rotation	£273.00				
17" Diameter	PITCHES 11", 12", 13", 14", 15", 16"	left hand rotation	£303.00				
18" Diameter	PITCHES 15", 16"	left hand rotation	£361.00				

#### LOMBARDINI / SELVA Sail Drive, 3 Blade

Sail Drives, 3 Blade. 17 Spline. 28mm Shaft					
14" Diameter PITCHES 8" right hand rotation £322.00					
Cone Kit inc, tab washer and spacer for Yanmar, Sillette type, specify M16 or M20					
Spacer for Yanmar Saildrives, use with Sillette Cone & Tab Washer as spare part					
Cone Kit with ce	ntre bolt Volvo type 22629322		£77.00		

Radice propellers are pitch checked and balanced during manufacture, samples are also subjected to destructive testing to ensure material consistency and correct functioning of the cushioned hub. Reference to inch sizes in this price list is for Part No. identification purposes. Propellers correctly supplied to order are not returnable.



## **Taper Fitting Shaft Propellers**

Europes largest volume propeller manufacturer



2 Blade Folding	
Available for left or right hand rotation Bored & keywayed to standard 1:10, 1:12 or 1:16 tapers. (1:14 and 1:20 £20 net extra)	
For use with propeller shaft diameters, 19 to 25 mm - 3/4" to 1"	
12" Diameter x pitches 8" or 10" - Subject to availability	NLA
13" Diameter x pitches 7", 8", 9" 10", 11"	£606.00
For use with propeller shaft diameters 22 to 25 mm 7/8 to 1"	
14" Diameter x pitches 8", 9", 10", 11"	£695.00
15" Diameter x pitches 9", 10", 11 ", 12"	£715.00
For use with propeller shaft diameters 25 to 35 mm - 1" to 1 3/8"	
16" Diameter x pitches 10", 11 ", 12", 13"	£778.00
17" Diameterxpitches 10", 11", 12", 13", 14"	£866.00
For use with propeller shaft diameters. 30 to 40mm - 1 1/8" to 1 1/2"	
18" Diameterxpitches 12", 13", 14"	£960.00

Pilot bored less £60 on above prices Non standards tapers subject to individual quotation Pitch availability quoted is for 2 blade.

#### SPLINE FITTING SAILDRIVE PROPELLERS

For Volvo 110's, Volvo 120's, Yanmar, Bukh, Nanni & Sonic Saildrives					
13" Diameter	PITCH 7", 8", 9"	left hand rotation	£652.00		
14" Diameter	PITCHES 7", 8", 9", 10"	left hand rotation	£721.00		
15" Diameter	PITCHES 9", 10", 11", 12", 13"	left hand rotation	£745.00		
16" Diameter	PITCHES 10", 11", 13"	left hand rotation	£750.00		
17" Diameter	PITCHES 10", 13"	left hand rotation	£845.00		
18" Diameter	PITCHES 11", 12"	left hand rotation	£954.00		
19" Diameter	PITCHES 12"	left hand rotation	£1060.00		

# Spine Fitting Saildrive Propellers - for Lombardini-Selva



Europes largest volume propeller manufacturer

For Lombardini-	Selva		
14" Diameter	PITCHES 8", 9", 10"	right hand rotation	£708.00
15" Diameter	PITCHES 9", 10", 11", 12"	right hand rotation	£732.00
16" Diameter	PITCHES 10", 11", 12", 13"	right hand rotation	£737.00

For pitch and diameter recommendations forward full detail engine, reduction ratio and hull. All reference to inch sizes on this list is for part identification purposes.

#### **SPARE PARTS**

Pivot pin retaining screw	MB x 30 or 35	(Grani Inox 01/4453/2D)		£9.00
Nut side locking screw	MB x 16	(Grani lnox 5927)		£2.50
Pivot pin L64 D14mm		(Perni Inox 01/4497/4)		£13.00
Nut, special nyloc SD	M16	(Ogiva Fol 01606/078)		£10.00
Nut, shaft propellers std type tapped as required	60% of propeller costs	/		£58.00
Nut, new SD type	M1 & M2 (M3 add £38.00)			£58.00
Spare blades				
Taper Shaft hub including boring.				£366.00
Yanmar, Volvo, Bukh SailDrive hub				£394.00
Propeller extractor for tapered shaft 2BL			Small £29.00	Large £39.00

Propellers & spare parts correctly supplied to your order are not returnable.





## Standard Shaft Propellers, 2 Blade folding

**Quality Folding Propellers** 

**SHAFT INSTALLATION** 

Available for left or right hand rotation, except where shown.  Bored and keywayed to standard 1:10, 1:12 or 1:16 - Non standard tapers subject to individual quotation.					
11 ½"	Diameter	PITCH 8" Pitch (9 ½" Pitch in RH only)	£911.00		
12 ½"	Diameter	PITCH 8" Pitch RH Only	£911.00		
13"	Diameter	PITCH 9"	£922.00		
14"	Diameter	PITCH 9 ½"	£945.00		
15"	Diameter	PITCH 10"	£967.00		
15"	Diameter	PITCH 12"	£967.00		
16 ½"	Diameter	PITCH 11"	£1034.00		
16 ½"	Diameter	PITCH 13"	£1034.00		
18"	Diameter	PITCH 13" also 15" Pitch. RH only	£1034.00		

Pilot bored less £60 on above prices Non standards tapers subject to individual quotation Customised diameter & pitch quoted on request

# Standard Shaft Propellers, 3 Blade folding

NEW - INTEGRATED HUB ANODE SUPPLIED AT NO EXTRA COST, SUBJECT TO REQUEST WHEN ORDERING Bored and keywayed 1:10 - 1:12 - 1:16 - Non standard tapers subject to individual quotation.					
14"	Diameter	PITCHES 9", 10", 11", 12"	£2,505.00		
15"	Diameter	PITCHES 9", 10", 11", 12"	£2,505.00		
16 ½"	Diameter	PITCHES 10", 11", 12" 13", 14"	£2,622.00		
18"	Diameter	PITCHES 11", 12", 13", 14"	£3,205.00		
20"	Diameter	PITCHES 12", 13", 14", 15", 16"	£3,321.00		
22"	Diameter	PITCHES 13", 14", 15", 16", 17"	£4,282.00		
24"	Diameter	PITCHES 15", 16", 17", 18", 19"	£4,515.00		
26"	Diameter	PITCHES 16", 17", 18", 19", 20", 21"	£5,115.00		
28"	Diameter	PITCHES 17", 18", 19", 20", 21", 22"	£8,157.00		
30"	Diameter	PITCHES 18", 19", 20", 21", 22", 23", 24"	£8,623.00		



## Standard Shaft Propellers, 4 Blade folding

SHAFT INSTALLATION  NEW - INTEGRATED HUB ANODE SUPPLIED AT NO EXTRA COST, SUBJECT TO REQUEST WHEN ORDERING  Bored and keywayed 1:10 - 1:12 - 1:16 - 1:20 - Non standard tapers subject to individual quotation.							
22"	Diameter	PITCHES 13", 14", 15", 16", 17"	RH/LH	P.O.A.			
24"	Diameter	PITCHES 15", 16", 17", 18", 19"	RH/LH	P.O.A.			
26"	Diameter	PITCHES 16", 17", 18", 19", 20", 21"	RH/LH	P.O.A.			
28"	Diameter	PITCHES 17", 18", 19",20",21", 22"	RH/LH	P.O.A.			
30"	Diameter	PITCHES 18", 19", 20", 21", 22", 23", 24"	RH/LH	P.O.A.			
32"	Diameter	PITCHES 19", 20", 21", 22", 23", 24", 25"	RH/LH	P.O.A.			
34"	Diameter	PITCHES 20", 21 ", 22", 23", 24", 25", 26"	RH/LH	P.O.A.			
36"	Diameter	PITCHES 21 ", 22", 23", 24", 25", 26", 27"	RH/LH	P.O.A.			
38"	Diameter	PITCHES 23", 24", 25", 26", 27", 28", 29", 30"	RH/LH	P.O.A.			

## Racing Series Propellers, 2 Blade folding

	FOR HYDRO	ODRIVE, SHAF	T FITTING AND SAILDRIVE LH OR RH			
	365	Diameter		- 180 Pitch	(LH only)	£1,606.00
	375	Diameter	30-40 ft - 3/4 tanner	- 260 Pitch		£1,606.00
	380	Diameter	30-40 ft - 3/4 tanner	- 265 Pitch	(LH only)	£1,606.00
	425	Diameter	35-45 ft - 1 ton ner	- 300 Pitch		£1,661.00
	475	Diameter	40-50 ft - 2 tanner	- 330 Pitch		£1,815.00
	530	Diameter	50 footer and Whitbread 60	- 370 Pitch		£2,002.00
750 Diameter Maxi Raters (also 680mm for Hydrodrive) RH						

Actual propeller size depends on boat and engine installation, custom made propellers available. For pitch and diameter recommendations, enter calculation details on Gori website. www.gori-propeller.dk or complete, the Sillette order/enquiry form P.O.A. - Price on application





# Sail Drive Propellers 2 Blade folding with cushioned hub

**Quality Folding Propellers** 

SHAFT INSTALLATION  NEW - INTEGRATED HUB ANODE SUPPLIED AT NO EXTRA COST, SUBJECT TO REQUEST WHEN ORDERING  Bored and keywayed 1:10 - 1:12 - 1:16 - 1:20 - Non standard tapers subject to individual quotation.						
11 ½"	Diameter	PITCH 8" RH for Volvo 50S	£920.00			
11 ½"	Diameter	PITCH 8" RH for BUKH DV8SME	£920.00			
11 ½"	Diameter	PITCH 9 ½" RH for BUKH DV10LSME	£920.00			
12"	Diameter	PITCH 8" RH for BUKH DV10LSME	£932.00			
		NMAR, BUKH, SONIC & LOMBARDINI-17 spline. With anode fitte ollowing prices. Propeller fits with 10-15mm gap	ed.			
13"	Diameter	PITCH 9" Pitch - LH	£1107.00			
14"	Diameter	PITCH 9 ½" - LH	£1118.00			
15"	Diameter	PITCH 10" - LH ALSO 11" & 12" Pitch	£1130.00			
16 ½"	Diameter	PITCH 11" - LH ALSO 13" Pitch available	£1142.00			
17	Diameter	PITCH 14" - LH	£1165.00			
18"	Diameter	PITCH 11" - LH	£1165.00			
18"	Diameter	PITCH 12" - LH	£1165.00			

# Sail Drive Propellers 3 Blade folding with cushion hub, with overdrive feature or without.

PITCH 14" - LH

	Standard 17 spline fitting with replaceable cushioned hub and anode protection. For VOLVO, YANMAR, BUKH, SONIC & LOMBARDINI -17 spline.						
15"	Diameter	PITCHES 9", 10", 11", 12"	LH standard (RH optional)	£2,552.00			
16 ½"	Diameter	PITCHES 10", 11", 12" 13", 14"	LH standard (RH optional)	£2,680.00			
18"	8" Diameter PITCHES 11", 12", 13" 14", 15" LH standard (RH optional) £3,321.00						
20"	Diameter	PITCHES 12", 13", 14", 15", 16"	LH standard (RH optional)	£3,467.00			

18"

Diameter

£1165.00



# Repairs and Spare Part Prices for 2 Blade Folding Propellers

**Quality Folding Propellers** 

Replacement blades for existing propeller - subject to availability	60% of propeller price
Replacement hub with standard bore	60% of propeller price
Replacement hub for saildrive propellers	£660
Revulcanisation of existing saildrive hub	NLA
Pivot pin retaining screws MB pointed	£2.30
Pivot pins (specify size when ordering) (1 pair)	£65.00
Split pin for Saildrive prop	£2.30
Collar nut for Saildrive prop, new method - M16 or M20 x 2 mm pitch	£65.00
Nut, Shaft Propellers Std. Type Tapped as required	each £59.00
Nut, Shaft 3 Blade Propeller 18" - 20"	£59.0
Propeller extractor from tapered shaft 2 bi	Small, £28 Large, £37.00





# Spare Part Prices for 3 Blade Folding Propellers - Shaft and saildrive types

Triangular Anode and Stops	15" - 16 ½" - 3 BLADE		£65.00
Triangular Anode and Stops	18" - 20" - 3 BLADE		£65.00
Triangular Anode and Stops	22" - 26" - 3 BLADE		£65.00
Triangular Anode and Stops	28" - 30" - 3 BLADE		£95.00
Triangular Anode	15" - 16 ½" - 3 BLADE		£27.00
Triangular Anode	18" - 20" - 3 BLADE		£27.00
Triangular Anode	22" - 26" - 3 BLADE		£27.00
Triangular Anode	28" - 30" - 3 BLADE		£37.00
Hub Anode	12 ½" -18" - 2 BLADE	SAILDRIVE PROPELLER	£59.00
Hub Anode	15" - 16 ½" - 3 BLADE	Specify saildrive or shaft propeller	£59.00
Hub Anode	18" - 20" - 3 BLADE	Specify saildrive or shaft propeller	£59.00
Hub Anode	22" - 26" - 3 BLADE		£75.00
Hub Anode	28" - 30" - 3 BLADE		£90.00

All Anodes available in sets of 3, of same type, at stockholder discount price, (pay for 2 & receive 3)						
Peek Bush 15" - 20" - 3 Blade	Saildrive F	Propeller				£51.00 each
Set Thrust Washers 15" - 26"	Blade					£32.00
Cushioned spline centre			15" - 20" - specify dia	3 BLADE SAILDRIVI meter	E PROPELLER,	£84.00
Hub extractor tool		15"/16 ½	⁄2" £54	18"/20" £66	22"/26" £85	£98.00
C. spanner		15"/16 ½	15"/16 ½" £31		£85.00	
Allen key set metric - ball end	es £20.00				£20.00	

NOTE: All reference to inch sizes in the price list and various GORI MARINE brochures, is for part identification purposes, although in most instances propeller sizes are identified by inch measurement, throughout the world.

#### **EPOXY GLASS TUBE**

Ground, Unmachined GRP tube in lengths of 4 ft/ 1219 or less.

#### NB. 2 ft lengths charged at 65% of 4 ft price up to 1 3/4" bore Bore dia. Wall thickness Price £138.00 1 1/4" (32mm) 1/4" (6.4mm) £121.00 1 3/8" (35mm) <sup>3</sup>/<sub>16</sub>" (4.8mm) ½" (6.4mm) 1 ½" (38mm) £176.00 £192.00 1 3/4" (45mm) 1/4" (6.4mm) 2" (51mm) 1/4" (6.4mm) £223.00 £236.00 2 1/4" (57mm) 1/4" (6.4mm) £269.00 2 ½" (64mm) 1/4" (6.4mm)

#### **BRASS KEY MATERIAL**

for propeller shafts, cut lengths

portion of propeller shaft take price as for 300mm cut length, and specify length you require.							
Square	Price per	Square	Price per				
(imperial)	300mm	(metric)	300mm				
3/16"	£14.00	5mm	£16.00				
1/4"	£16.00	6mm	£17.00				
5/16"	£18.00	8mm	£18.00				
3/8"	£23.00	10mm	£23.00				
7/16'''	£26.00	12mm	£30.00				
1/2"	£27.00						

For short key with rounded ends to fit tapered

#### **BRASS TUBE CZ121 or CZ126**

Depending on availability

or with standard thread each end add £45.00			
Outside dia	Wall thickness		Price
1 ½" / 38mm	½" (32.25mm)	10SWG	£46.00
1 ¾" / 45mm	1/8" (32.25mm)	10SWG	£52.00
2" / 51mm	1/8" (32.25mm)	10SWG	£64.00
2 ½" /64mm	1/8" (32.25mm)	10SWG	£91.00

#### STERN GLAND HOSE

Available in these sizes

sistant, wall thickness between 8 and 10mm.				
Inside dia	Price per 100mm	Inside dia	Price per 100mm	
1 ¼"' (32mm)	£22.00	2" (51mm)	£31.00	
1 %" (35mm)	£23.00	2 ½" (54mm)	£32.00	
1 ½" (38mm)	£24.00	2 ¼" (57mm)	£35.00	
1 %" (41mm)	£26.00	2 3/8" (60mm)	£39.00	
1 ¾" (45mm)	£28.00	2 ½" (64 mm)	£41.00	
1 ½" / 48mm	£30.00	2 3/4" / 70	£46.00	

Specifically for use with sterngear oil & grease re





# **ZINC COLLAR ANODE** for limited shaft space

shaft dia 20mm	£10.00
shaft dia 22mm	£10.00
shaft dia 25mm	£10.00
shaft dia 30mm	£12.00
shaft dia ¾"	£10.00
shaft dia ¾"	£10.00
shaft dia 1"	£10.00
shaft dia 1 1/8"	£12.00
shaft dia 1 ¼"	£13.00



# ZINC SAILDRIVE ANODES

Volvo 110 Saildrive	£25.00
Volvo 120 Saildrive	£21.00
Yanmar Split SD20//30/40/50	£41.00
Volvo 130S Split	£46.00
Volvo 120S Split	£35.00
Yanmar SD20/25/50	£23.00



# **ZINC SHAFT BARREL ANODE** for general use

shaft dia ¾" (19mm)	£13.00
shaft dia 1/8" (22mm)	£12.00
shaft dia 25mm	£12.00
shaft dia 1"	£12.00
shaft dia 1 1/8" (28mm)	£12.00
shaft dia 30mm	£12.00
shaft dia 1 ¼'" (31.7mm)	£12.00
shaft dia 1 3/8" (35mm)	£14.00
shaft dia 1 ½" (38mm)	£14.00
shaft dia 40mm	£24.00
shaft dia 1 3/4" (44.4mm)	£24.00
shaft dia 45mm	£24.00
shaft dia 2" (50mm)	£25.00



# **ZINC SUPER SHAFT ANODES** for use adjacent 'P' Brackets

shaft dia ¾" (19mm)	£34.00
shaft dia 1/8" (22mm)	£33.00
shaft dia 25mm	£35.00
shaft dia 1"	£35.00
shaft dia 1 1/8" (28mr	m) £44.00
shaft dia 30mm	£44.00
shaft dia 1 ¼" (31.7r	nm) £34.00
shaft dia 1 3/8"" (35m	m) £42.00
shaft dia 1 ½" (38mr	m) £47.00
shaft dia 40mm	£57.00
shaft dia 1 3/4" (44.4r	nm) £99.00
shaft dia 2" (50mm)	£99.00



# ZINC STERNDRJVE ANODES

Volvo	£16.00
2501270/275	
Volvo 280	£22.00
Sonic Sterndrive	£15.00
Ring Anode	
Sonic Sterndrive	£9.00
Block Anode	



#### **ZINC HULL & RUDDER ANODES**

2.1kg pear anode - 200mm ctrs.	£29.00
4kg zinc bar anode - 200mm ctrs.	£55.00
1kg zinc disc anode - 100mm di a.	£15.00

#### **REMOTE SCREW DOWN LUBRICATOR**



Screw down type, all brass lubricator for stern tubes, rudder	Lubricator only	£65.00
bearings etc. Suitable for either vertical or horizontal mounting		
Capacity 5 fl.oz		
Dimensions: Base width 3 1/8" (80mm). Projection 2 3/4" (70mm)		
Base height 1" (25mm). Outlet at base front 1/8" BSP threaded		
Overall height extended 11" (288mm). Closed 7" (178mm		

#### **LUBRICATOR KIT**

Consisting of 1 x 1/8 BSP connectors, 1 x 1/4" BSP	Kit only	£26.00
connector and 3m nylon hose in polythene bag.		



#### **GREASE CUPS**

Туре	Male B.S.P.	0.A.Dia	Price
1	1/8"	33mm	£19.00
4	1/4"	40mm	£23.00

#### **GREASE**

Water resistant for sterngear etc	500gm tub	£8.00

#### STERN GLAND PACKING

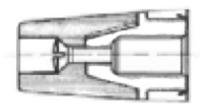
Available in these sizes



Square	Price
½" (3mm)	£15.00
³⁄16" (5mm)	£17.00
1/4" (6.5mm)	£18.00
⁵⁄₁6" (8mm)	£21.00
3/s" (9.5mm)	£23.00
½" (12.5mm)	£26.00



#### **CONE SHAFT NUTS WITH ZINC ANODE**



Shaft nut with anode and tabwasher	M16 x 1.5	Shaft size 25mm & 22mm	£50.00
Shaft nut with anode and tabwasher	M20 x 1.5	Shaft size 30mm	£52.00
Shaft nut with anode and tabwasher	M24 x 2.	Shaft size 35mm	£56.00
Shaft nut with anode and tabwasher	M24 x 2.	Shaft size 40mm	£72.00
Shaft nut with anode and tabwasher	M33 x 2.	Shaft size 45mm	£76.00
Shaft nut with anode and tabwasher	M36 x 3	Shaft size 50mm	£130.00
Spare anode for M16 or M20 nut			£14.00
Spare anode for M24 nut. (Specify shaft size)			£16.00
Spare anode for M30 nut			£23.00
Spare anode for M36 nut			£35.00
Spare tabwasher for M16, M20 & M24 nut			£7.00
Spare tabwasher for M33 & M36 nut			£11.00

#### **SLOTTED BRASS NUTS**





Slotted brass nuts	½", 5%", 34" BSF, M16 x 1.5, M20 x 1.5, %" BSF	£12.00
Slotted brass nuts	M24, 1" BSF/WHIT/UNIFIED	£29.00
Slotted brass nuts	M30, 1 1/8", BSF/WHIT/UNIFIED	£40.00
Slotted brass nuts	M36, 1 ¼" BSF/WHIT/UNIFIED	£51.00
Slotted brass nuts	M42, 45, 1 ½", 1 ¾" BSF/WHIT/UNIFIED	£58.00

#### **SPLIT PINS & GRUB SCREWS**





Split Pin	1/8"	£1.00
Split Pin	3/16"	£2.00
Split Pin	1/4"	£3.00
Grub Screw	M6 x 6, 12, 16 or 20 long	£1.00
Grub Screw	M8 x 12, 16, or 25 long	£2.00
Grub Screw	5/16" unc x 3/8" or 3/4" long	£1.00
Grub Screw	HT M8 x 12 or 1/4" UNC x 3/8" long	£1.50

#### **HI-GRIP HOSE CLIP (Stainless)**



Hose Clip 040	£2.50
Hose Clip 050	£2.90
Hose Clip 060	£3.20
Hose Clip 070	£3.50
Hose Clip 080	£3.90

#### **STUD**

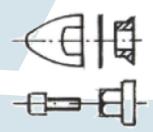
½" WHIT x 3" long brass	£14.00
½" whit brass nut	£1.75

#### **COACH SCREWS**



08 x 7 0	£2.00
010 X 80	£2.50

#### **YANMAR SAIL DRIVE - Propeller fastenings**



Please specify saildrive type ie SD20, SD31, SD31, SD40 or SD50 when ordering		
Nose cone, tab washer & 8mm spacer, prefered method for fixed blade props (14mm for 8D40 & 50)	£79.00	
Nose cone kit with centre bolt, optional method for fixed blade props	£69.00	
Yanmar style saildrive nut and locking bolt	£52.00	

### **YANMAR SAIL DRIVE - Propeller fastenings**



Spare tab washer 17 spline (for prefered nose cone system)	£6.00
Spare 8mm spacer (for prefered nose cone system)	£35.00
Spare 10mm spacer (Yan mar standard SD20, SD30 or SD31))	£35.00
Spare 16mm spacer (Yan mar standard SD40) or 14 mm for cone system	£35.00





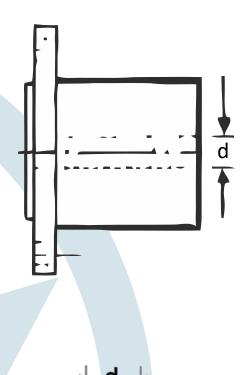
## **Flexible Shaft Couplings**

Flexible Coupling	For Gearbox	Diameter	No. Bolts	Coupling Capacity HP/100rpm	Price
910-001	Borg Warner, PRM, Hurth,Technodrive	4"	4	5	£85.00
910-002	Yanmar	4"	4	3	£81.00
910-003	Borg Warner, PRM, MPM, Twin Disc	5 3/4"	6	20	£222.00
910-004	Borg Warner, PRM, Hurth	4"	4	8	£98.00
910-005	Paragon	4"	4	7	£98.00
910-006	Twin Disc, MPM	5 3/4"	6	20	£264.00
910-007	Volvo	4"	4	3	£85.00
910-009PR	Borg Warner, PRM, Hurth, Volvo	5"	4	13	£153.00
910-012	Yanmar	5"	4	10	£153.00
910-013	Bukh	90mm	4	3	£81.00
910-014	Borg Warner, PRM, Hurth, Technodrive	4"	4	3	£85.00
910-015	Self change 350HD	8 3/4"	6	43	£522.00
910-016	Self change 700HD	10 1/4"	6	65	785.00
910-017	Twin Disc	7 1/4"	6	40	£522.00
910-018	PRM	7 1/4"	6	40	£522.00
910-019	Volvo	4"	4	3	£85.00
910-020	Volvo	4"	4	5	£85.00
910-021	Enfield, Sonic	4"	2	2.5	£77.00
910-022	Twin Disc	9"	8	65	£808.00
910-024	Twin Disc	10 ½"	8	85	£975.00
910-025	Borg Warner, PRM, MPM, Twin Disc	5 3/4"	6	28	£298.00
910-026	Twin Disc, MPM	5 3/4"	6	28	£340.00
910-029	Borg Warner, Hurth, Volvo	5"	4	20	£265.00
910-030	120 hp	11 ½"	8	120	£1,499.00
910-052	Lister	4 3/4"	3	10	£189.00
910-057	ZF Hurth/BW	5"	4	25	£342.00

Reduces engine noise and vibration. Simple to install, accepts propeller thrust . Fail safe design.



## **Shaft Half Coupling**





#### **SOLID TYPE**

Specify 'd' diameter	
4" for B.W. Hurth, PRM Bored & Keyed	£275.00
5" for B.W. Hurth, PRM (Taper) Bored & Keyed	£375.00
6" for PRM (Taper) Bored & Keyed	£435.00

#### **CLAMP ON SPLIT TYPE**

Specify 'd' diameter		
4" for B.W. Hurth, PRM,		£90.00
Yanmar Bored, 25mm, ¾" or	1"	
5" for B.W. Hurth, PRM,		£136.00
Yanmar Bored, 1 ¼"		
4" for B.W. Hurth, PRM,	£125.00	
Yanmar Bored other than ab		
5" for B.W. Hurth, PRM,	£170.00	
Yanmar Bored other than ab		
6" for P.R.M. Bored		£240.00
4" Volvo type Bored		£125.00
4" Bukh type Bored		£125.00
Keyslot above split type extra		£35.00 net
Non standard bores	extra	£35.00 net

Clamps to give a better fit than solid couplings. Easy to install and position. Made from solid steel.

Note: Not stainless steel, consider painting.





## **Earthing Connections**

Consist of a silver impregnated rubber strip, which when fitted through the axis of the coupling between the two failsafe straps gives electrical continuity.



Part No	Size (mm)	To Suit Coupling	Price
103-037	11 x 57	910-001, 002, 007 013, 014, 019 & 020	£15.00
103-039	17 x 57	910-003,006,009,012	£21.00
103-041	23 x 57	910-003,006,009,012	£26.00

**Note:** Check electrical continuity on installation and at 3 - 6 month intervals.

## **Engine Mountings**

Part No	Size (mm)	Price
300 lbs/140 kg capacity .04"/1 mm deflection	medium, 800-036	£33.00
90 lbs/41 kg capacity .14"/3.5mm deflection	small 800-040	£38.00
200 lbs/91 kg capacity .14"/3.5mm deflection	small 800-041	£38.00
{All 5/8" stud and 4" bolt down ctrs, 2" to 4" height adjustment)		

Other engine mounts available email for prices

### **RMTA Shaft Seal**

Eliche radice S.p.A

#### AN ALTERNATIVE TO THE VOLVO SEAL

Grease lubricated and water feed/air vent.

Shaft Dia.	Hose Sizes	Length	Price	
Metric	Metric			
22mm	39mm	111mm	£84.00	
25mm	39 & 42mm	111mm	£84.00	
30mm	45 & 48mm	116mm	£91.00	
35mm	48 & 54mm	123mm	£111.00	
40mm 54 & 60mm		129mm	£151.00	
Imperial				
1 inch	42mm	111mm	£84.00	
1 1/4 inch 48mm		116mm	£91.00	
RADICE Special Silicon Grease - Service item £8.00				



ELICHE

# **Deep Sea Shaft Seal**

SMALL DSS Shaft Seal





#### MANECRAFT SMALL RANGE Dimensions in mm unless specified otherwise

Seal Size Ref.	Shaft Dia. Rar	nge	Stern Tube Outside Dia.	Overall Length	Max. Shaft Speed	Support Ring Req.	Price
#2	25-30	1"- 11/8", 1 1/8"	35-43	131	2950	25-27	£270.00
#3	25-30	1"- 11/8", 1 1/8"	43-51	131	2950	25-27	£285.00
#4	30-35	1 1/4" - 1 3/8"	43-51	131	2850	30-32	£302.00
#5	30-35	1 1/4" - 1 3/8"	51 -60	131	2850	30-32	£317.00
#6	35-41	1 3/8" - 1 1/2"	51-60	131	2750	35-38	£333.00
#7	35-41	1 3/8" - 1 1/2"	60-70	131	2750	35-38	£349.00
#8	43-46	1 3/4"	70-80	131	2600	43-46	£365.00
#9	46-51	2"	70-80	131	2600	46-49	£381.00

#### Note:

Needs water lubrication

#### **Set Sizes:**

11, 12, 13, 14, 15, 16 also available.



# TIDESMARINE

### "SERIES ONE"™ Shaft Seal

The simple, no maintenance, easy to fit shaft seal.

- ELIMINATES GLAND PACKING AND GREASING
- ALL YOU NEED IS A SCREWDRIVER TO FIT AND FORGET

SERIESONE ™ SHAFT SEAL, consists of a convoluted connecting hose, 4 stainless hoseclips and a one piece composite body with lip seal fitted. All for less than the price of an "old fashioned" packing seal.



Note: Water feed recommended.

SHAFT Diameter	HOSE sizes	Price Each
3/4"	1 ½",1 5/8",1 3/4", 2", 2 1/4"	£204.00
7/8"	1 ½",1 5/8",1 3/4", 2", 2 1/4"	£204.00
1"	1 5/8",1 1/2",1 3/4", 2", 2 1/4", 2 1/2"	£204.00
1 1/8"	1 5/8",1 3/4",2", 2 1/4", 2 1/2", 2 3/4"	£226.00
1 1/4"	1 ½",1 ¾",2", 2 ¼", 2 ½", 2 ¾", 3"	£226.00
22mm	1 ½",1 5/8",1 3/4", 2", 2 1/4"	£204.00
25mm	1 ½",1 5/8",1 3/4", 2", 2 1/4", 2 1/2"	£204.00
30mm	1 ½",1 5/8",1 3/4", 2", 2 1/4", 2 1/2", 2 3/4", 3"	£226.00
OPTIONAL - 3/4" Raw water hase clips and Tee Fitting (Specify 3/4" 1/4" 5/4" or 3/4") from £45.00		

OPTIONAL - 3/8" Raw water hose, clips and Tee Fitting (Specify 3/8" 1/2" 5/8" or 3/4") from £45.00

# TIDESMARINE

### "SURESEAL"™ Shaft Seal





SHAFT	SURESEAL TM	Price
Dia.	KIT	Each
1"	FSK -1000	£288.00
1 1/4"	FSK-1250	£324.00
1 3/8"	FSK -1375	£345.00
1 ½"	FSK-1500	£469.00
1 1/8"	FSK- 1625	£478.00
1 3/4"	FSK- 1750	£502.00
2"	FSK-2000	£558.00
2 1/4"	FSK- 2250	£606.00
30mm	FSKM - 30m	£319.00
35mm	FSKM - 35m	£345.00
40mm	FSKM -40m	£469.00
45mm	FSKM -45m	£502.00
50mm	FSKM - 50m	£569.00
55mm	FSKM - 55m	£588.00
60mm	FSKM - 60m	£652.00
65mm	FSKM - 65m	£700.00
70mm	FSKM - ?Orn	£783.00
75mm	FSKM - 75m	£871.00
80mm	FSKM - 80m	£898.00

SPARE SEAL CARRIER	Price Each
KF-1000-00	£77.00
KF-1250-00	£91.00
KF-1375-00	£93.00
K-1500-00	£134.00
K-1625-00	£141.00
K-1750-00	£147.00
KF-2000-01	£172.00
KF-2250-00	£185.00
KFM-30MM-00	£82.00
KF-1375-00	£93.00
KFM-40MM-00	£134.00
KFM-45MM-00	£147.00
KM-50MM-00	£172.00
KM-55MM-00	£186.00
KM-60MM-00	£199.00
KM-65MM-00	£218.00
KF-2750-00	£246.00
KFM-75MM-00	£276.00
KM-80MM-00	£298.00

REPLACEMENT LIP SEAL ONLY	Price Each
LIP SEAL F 1000	£30.00
LIP SEAL F 1250	£34.00
LIP SEAL F 1375	£34.00
LIP SEAL 1500	£40.00
LIP SEAL 1625	£40.00
LIP SEAL 1750	£41.00
LIP SEAL F 2000	£49.00
LIP SEAL F 2250	£49.00
LIP SEAL F 30MM	£34.00
LIP SEAL F 1375	£34.00
LIP SEAL F 40MM	£40.00
LIP SEAL F 45MM	£41.00
LIP SEAL 50MM	£49.00
LIP SEAL 55MM	£49.00
LIP SEAL 60MM	£49.00
LIP SEAL 65MM	£49.00
LIP SEAL F 2750	£68.00
LIP SEAL F 75MM	£68.00
LIP SEAL 80MM	£68.00

Sizes up to 8" 1200mm Shaft diameter, available for SURESEAL  $\tau_{\rm M}$ 

To order we need to know the shaft diameter and outside diameter of the stern tube

Note: Must be water fed.



All shafts are precision straightened

### **PSS Shaft Seals**

The PSS Shaft Seal uses the highest quality materials and manufacturing procedures to give a drip free performance with zero wear to the propeller shaft and the capability of operating safely up to 500° F.

They require no lubrication other than the water they are working in. Except over 12 knots or a bearing inboard.

A fitting is provided on the carbon flange to accept a feed from the engine's water exhaust to assist cooling.

#### **Features:**

- Dripless operation
- Maintenance free
- Eliminates shaft wear
- No mess or corrosion
- ABS approved
- Over 100,000 in successful operation
- Suitable for leisure & commercial craft
- Unaffected by engine movement or vibration
- Metric & imperial sizes for shafts from 20mm ¾"
   to 100mm 4"
- The carbon/graphite flanges & rotor should never need replacing under normal operating conditions.



Shaft Dia.	Standard Stern Tubes Diameter)	Compressed Length Approx.	With water fitting as standard
<sup>3</sup> ⁄ <sub>4</sub> ", 7⁄ <sub>8</sub> " 20mm, 22mm	1 ½", 1 ½", 1 ¾", 2" 2 ½"	6 1/4"	£285.00
1", 1 1/8" 25mm, 28mm, 30mm	1 ¼", 1 ½", 1 ¾", 2" 2 ¼"	6 1/4"	£296.00
1 ¼", 1 ¾" 32mm, 35mm	1 ¾", 2", 2 ¼" 2 ½"	6 ½"	£376.00
1 ½" 40mm	2", 2 ¼", 2 ½", 2 ¾" 3", 3 ¼", 3 ½"	8 ½"	£490.00
1 ¾" 45mm	2 ¼", 2 ½", 2 ¾" 3", 3 ¼", 3 ½"	8 ½"	£541.00
2" 50mm, 55mm	2 ¼", 2 ½", 2 ¾" 3", 3 ¼", 3 ½"	8 ½"	£649.00
2 ¼", 2 ½" 60mm, 65mm	3 ¼", 3 ½", 3 ¾", 4"	8 3/411	£735.00
2 <sup>3</sup> ⁄ <sub>4</sub> " 70mm	4 1/4", 4 3/4"	9 ½"	£923.00
3" 75mm	4", 4 ¼", 4 ½", 5"	9 ½"	£1060.00



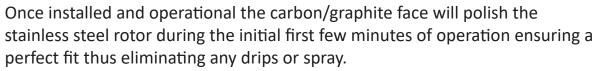
#### Note:

Pro Seal also avaliable with upgraded reinforced silicon hose and retaining clamp collar.

### **PSS Seal Shaft Seals**

#### **Technical Specifications:**

High Density Carbon Graphite Flange



The ultra dense carbon/graphite composite has a maximum operating temperature of 500° F, guarding against failure by over heating as can occur on rubber and plastic based seals.

#### **Stainless Steel Rotor**

The one-piece, 316 grade stainless steel rotor is secured to the propeller shaft with double set screws. The twin nitrile 'O' rings are stationary and do not wear.

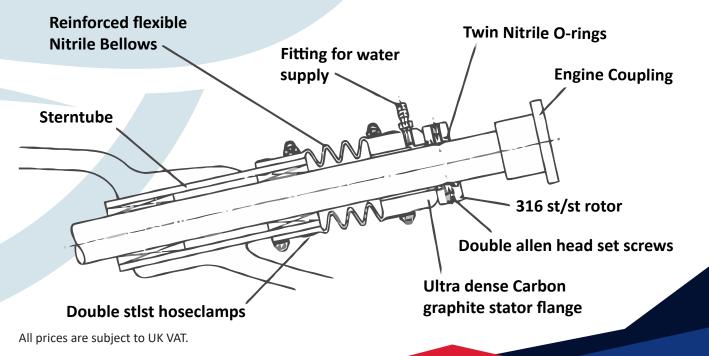
#### **Reinforced Bellows**

The heavy reinforced nitrile bellows are resistant to petroleum based products and retain their preset dimensions. They provide the best combination of durability, strength and elasticity.



#### The Principle

The seal is created by contact of the carbon face against the rotating stainless steel rotor. A hydrodynamic bead of water between the carbon seal and rotor provides lubrication. The carbon seal and bellows assembly is fitted to the stern tube by twin stainless hose clamps. Contact with the rotor is assisted by water pressure which helps to cool the assembly. Seal contact is unaffected by engine laterally or fore and aft. They provide the best combination of durability, strength and elasticity.

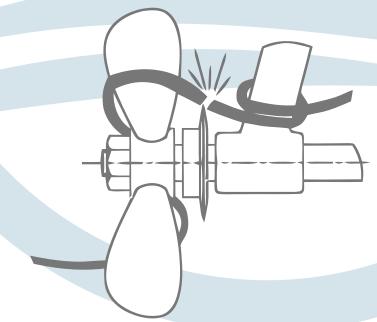






# The Leading Disc Type Rope Cutter

Unit Type & Price	For Shaft Diameters (ALL EXACT SIZES)	Blade Dia.	Unit Width	Min Gap Required
SLIDE-ON - £98.00	20mm, 22mm, 25mm, 30mm	80mm	12mm	18mm
	34", 11", 11/8", 11/4"	3.15"	0.47"	0.7"
SLIDE-ON - £104.00	30mm, 35mm, 40mm	100mm	12mm	18mm
	1 ¼", 1 ¾", 1 ½", 1 ½"	3.9"	0.47''	0.7"
SLIDE-ON - £119.00	45mm, 50mm	120mm	12mm	18mm
	1 <sup>3</sup> ⁄ <sub>4</sub> ", 1 ½", 2"	4.7"	0.47''	0.7"
CLAMP-ON - £128.00	20mm, 22mm, 25mm, 30mm	80mm	17mm	23mm
	3/4", 7/8", 1"	3.15"	0.47"	0.7"
CLAMP-ON - £132.00	30mm	85mm	17mm	23mm
	1 ½", 1 ¼"	3.35"	0.67"	0.9"
CLAMP-ON - £145.00	35mm, 40mm	95mm	17mm	23mm
	1 3/8", 1 1/2", 1 5/8"	3.74"	0.67"	0.9"
CLAMP-ON - £151.00	45mm, 50mm	105mm	17mm	23mm
	1 <sup>3</sup> ⁄ <sub>4</sub> ", 1 ½", 2"	4.1"	0.67"	0.9"
CLAMP-ON SPECIAL - £163.00	45mm, 50mm	127mm	17mm	23mm
	1 <sup>3</sup> ⁄ <sub>4</sub> ", 2"	5.00"	0.67"	0.9"
CLAMP-ON - £163.00	55mm, 60mm	116mm	22mm	32mm
	2 ¼", 2 ½"	4.5"	0.87"	1.26"
CLAMP-ON EXTRA LARGE - £253.	00 45mm, 50mm, 55mm, 60mm	150mm	30mm	42mm
	1 ½", 1 ¾", 2", 2 ¼", 2 ½"	6"	1.18"	1.65"
CLAMP-ON EXTRA LARGE - £441.	65mm, 80mm, 85mm, 90mm, 100mm	190mm	33mm	45mm
	2 <sup>3</sup> ⁄ <sub>4</sub> ", 3", 3 <sup>1</sup> ⁄ <sub>4</sub> ", 3 <sup>3</sup> ⁄ <sub>8</sub> ", 3 <sup>1</sup> ⁄ <sub>2</sub> ", 4"	7.4"	1.3"	1.77"





## The Leading Disc Type Rope Cutter

#### **Please Note:**

Not all Extra Large cutters are carried in stock, please allow 3to 4weeks for delivery.

All Prop Protectors are made by British craftsmen from the finest quality marine grade stainless steel to BS970-316-S31. Each unit is supplied with A4 quality stainless steel fasteners, Allen key wrenches, thread locking compound, safety warning labels and fitting instructions.

#### **UNDERWATER INSTALLATION**

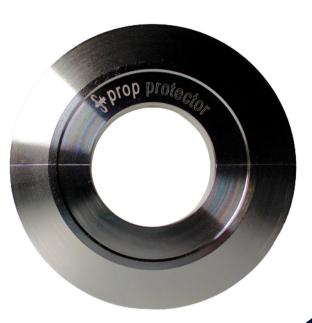
One of the unique features of Prop Protectors is that they can be installed with the vessel afloat. However, the screwlock supplied with each cutter is intended only for use with the vessel out of the water as screwlock will not cure under water.

Owners wishing to carry out an underwater installation should not use the fasteners or screwlock supplied but should order our special self-locking fasteners that we supply specifically for this purpose.

#### These are available as an optional extra and prices are as follows:

- For all Slide-On cutters asingle set screw is required for which the cost is £2.00
- For Standard Clamp-On cutters, one setscrew and two cap head screws are required for which the cost is £8.00
- For all Extra-Large Clamp-On cutters, one setscrew and two cap head screws are required for which the cost is £12.00









Seastar Controls from the UK's Stockist based in Poole





For further details refer to our dedicated Teleflex, Seastar Catalogue



Hydraulic Steering
Systems also available



## **ENQUIRY** form for new or replacement propeller

Please remember that any incorrect information you supply is likely to result in an incorrect propeller being specified, for which we cannot be responsible. Remember to advise us if you have a saildrive. Any size we advise is an opinion only and subject to trials and developments at the purchasers cost.

Please advise any restrictions to good water flow around the propeller. i.e. behind a wide keel, in an aperture, shaft to one side of keel, etc. and any factors limiting diameter, by specifying dimension from centre line of the propeller shaft at the point where the propeller fits, to the under side of the hull, or closest point of the aperture. For folding propellers, please advise distance available astern from large end of taper. When rudder is fitted close to propeller, or in an aperture.

Name:	Phone:		
Address:	Mobile:		
	Email:		
Type of propeller required:	Fax:		
Sailboat Displacement Displacement	Half Planing Planing		
Waterline length:	Beam: Draft:		
Displacement:	Displacement w/ful tanks:		
Previously recorded top speed:	Number of engines:		
Engine Data:			
	Type: Year:		
Horsepower:	Max RPM:		
Reduction in gearbox:			
Present Propeller:			
Diameter: Pitch:	Number of blades:		
Max RPM with present propeller:	Max. Speed:		
Direction of rotation seen from rear:	Clockwise Counter clockwise		



### **Contact Details**

Sillette Sonic Ltd Unit 5 , Stepnell Reach, 541 Blandford Road, Hamworthy, Poole, BH16 5BW.

+44 (0) 1202 621631 sales@sillette.co.uk







