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Minimum Mail Order £20.00

C&P Extra

All PLUS V.A.T.

Due to ongoing increases in materials, some prices can vary. Non standard items can be quoted on application.

## PROPELLERS

All propellers are supplied bored to your specification.

Please advise:

Number of blades required, Rotation and accurate taper dimensions when ordering.

Extra charge for Oversize bores.

Propeller calculation service available.

### Standard MANGANESE BRONZE PROPELLERS

Standard Europrop 2 Blade (0.35 B.A.R.) 3 Blade (0.52 B.A.R.) & 4 Blade (0.69 B.A.R.)

Diameter	12"	13"	14"	15"	16"	17"	18"	19"	20"	21"	22"
2 BLADE	£196	£200	£218	£236	£263	£279	£304	£331	£371	£435	£488
3 BLADE	£224	£230	£250	£270	£295	£319	£347	£377	£392	£453	£501
4 BLADE	-	-	£296	£308	£353	£392	£420	£454	£497	£560	£619
Diameter	23"	24"	25"	26"	27"	28"	29"	30"	Propellers above 30" Price on application		
3 BLADE	£555	£607	£749	£811	£917	£1012	£1126	£1268			
4 BLADE	£713	£787	£1012	£1156	£1266	£1412	£1565	£1747			

Smaller propellers available P.O.A.

HIGH PITCH "STEAM PROPELLERS" ADD 35% to above 3 or 4 blade prices

TURBINE (ROUND BLADE) PROPELLERS PRICED NEXT DIAMETER UP (i.e. 3 Blade 18" Turbine £317)

### ALUMINIUM BRONZE PROPELLERS

Standard Europrop 3 Blade (0.52 B.A.R.) & 4 Blade (0.69 B.A.R.)

Diameter	12"	13"	14"	15"	16"	17"	18"	19"	20"	21"	22"
3 BLADE	£255	£264	£286	£308	£328	£364	£397	£433	£486	£571	£629
4 BLADE	-	-	£341	£352	£400	£442	£509	£571	£651	£738	£817
Diameter	23"	24"	25"	26"	27"	28"	29"	30"	Propellers above 30" Price on application		
3 BLADE	£698	£761	£828	£972	£1100	£1214	£1351	£1520			
4 BLADE	£908	£990	£1120	£1387	£1518	£1694	£1877	£2084			

Longer delivery time

HIGH PERFORMANCE PROPELLERS – ALUMINIUM BRONZE - LARGER BLADE AREA – P.O.A.

ALL PROPELLER PRICES ARE SUBJECT TO PATTERN AVAILABILITY

### RADICE 2 Blade FOLDING PROPELLERS

Price includes Boring and keying propeller, and supplying and machining new propeller nut

DIAMETER	12"	13"	14"	15"	16"	17"	18"
PRICE	£640	£530	£608	£625	£680	£750	£840
Pitch range option	8" – 10"	7" – 11"	8" – 11"	9" – 13"	10" – 13"	10" – 14"	12" – 14"
Max. Shaft Dia.	1"	1"	1"	1"	1 3/8"	1 3/8"	1 1/2"

All prices plus delivery and V.A.T. where applicable

# STAINLESS STEEL (316) PROPELLER SHAFTS

Due to metal price instability, shaft sizes over 1 1/2" should be used as a guide.

Dia	3/4"	1"	1 1/8"	1 1/4"	1 3/8"	1 1/2"		1 5/8"	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"	3"
<b>A</b>	£144	£144	£168	£165	£226	£224	£245	£305	£300	£354	£449	£518	£628	£732
<b>B</b>	£5.87	£5.87	£8.30	£8.16	£11.53	£11.42	£14.28	£15.26	£16.28	£19.86	£28	£32	£39	£46
<b>C</b>	£98	£98	£100	£115	£120	£125	£135	£150	£160	£190	£195	£215	£245	£250
Dia	20mm	25mm		30mm	35mm		40mm		45mm	50mm				

**A** = 1m length, keyed & tapered one end      **B** = Price per extra 10cm      **C** = Price for second taper

**Shafts supplied with S.S. A4 Nylock nut and key for tapered end (up to 2" shaft diameter)**

Higher strength DUPLEX add 20% (Subject to availability)

All subject to stock availability.

Shaft diameters 1 1/2" and above can be subject to surcharges, dependent on length.

## ASSOCIATED ITEMS

### KEY MATERIAL

In cut lengths with one end rounded

Size	1/4" x 3"	5/16" x 3"	3/8" x 4"	1/2" x 5"		5/8" x 6"	3/4" x 7"
Size	6mm x 3"	8mm x 3"	10mm x 4"	12mm x 5"	14mm x 6"	16mm x 6"	20mm x 7"
Price	£4.00	£4.50	£7.50	£12.00	£15.50	£15.50	£30.00
Per extra Inch	£1.00	£1.15	£1.50	£2.00	£2.25	£2.25	£4.00

### SHAFT NUTS

Metric course S.S. Nylocks OR Bronze Full nuts or Castellated BSF or BSW

S.S. Nylock	12mm	16mm	18mm	20mm	24mm	30mm	36mm
	£2.00	£3.25	£6.00	£6.50	£8.00	£14.00	£25.00
	3/4"	7/8"	1"	1 1/4"	1 1/2"	1 1/2"H.D.	
Bronze full nut	£15.00	£19.00	£21.00	£22.50	£28.00	£37.00	
Bronze Castellated	£28.50	£32.50	£34.50	£35.00	£41.50	£50.50	

### GLAND PACKING

Per metre length - Minimum 1m

1/8"	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"
3mm	5mm	6.5mm	8mm	9.5mm	12.5mm	16mm	19mm	25.4mm
£3.50	£3.50	£5.50	£7.00	£8.25	£11.40	£20.00	£25.00	£38.00

## COUPLINGS

### SHAFT CLAMP COUPLINGS

	a	b	e	f	£
Hurth - PRM - ZF etc Std 4"	4"	3.25"	2.5"	3.19"	£72.50
Yanmar 4"	4"	78mm	50mm	3.19"	£72.50
Volvo 4" *	4"	80mm	60mm (f)	3.28"	£72.50
Bukh 4"	90mm	74.5mm	47mm (f)	3.28"	£104.42

\*Volvo imperial and non standard bores - add £26.00

Key slot - Add £26.00

PRM - Borg Warner etc Std 5"	5"	4.25"	2.5"	3.75"	£109.28
PRM - Borg Warner etc Std 6"	5.75"	4.75"	3"	5.5"	£151.51
Imperial bores	1/8" sizes add £28.85		Except 1 3/8"		


Other sizes available on application

## ROPE CUTTERS

SHAFT KNIFE	SK1	SK2	SK3	SK4
State Model and shaft size	£87	£98.00	£132.00	£165.00

SHAFT KNIFE PLUS	22mm	25mm	30mm	35mm	40mm	45mm	50mm	55mm	60mm
<b>SKP</b>	£168	£168	£168	£208	£208	£220	£220	£370	£480
State Model and shaft size		<b>1 inch</b>	<b>1 1/8 in</b>	<b>1 1/4 in</b>	<b>1 3/8 in</b>	<b>1 1/2 in</b>	<b>1 3/4 in</b>	<b>2 inch</b>	
		£168	P.O.A.	£178	£208	£208	£220	£220	

All prices plus delivery and V.A.T. where applicable

	<b>Bobbins</b> Standard 4" Standard 5" Standard 6"	To suit Hurth - PRM etc 4" std To suit PRM – B.W. etc 5" std To suit PRM – B.W. ect 6" std	£46.35 £112.49 £151.77
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## R & D FLEXIBLE COUPLINGS

See specification on web page for details

<b>910-001</b>	<b>PRM 4"</b>	£64.71	<b>910-009</b>	<b>PRM 5"</b>	£116.53	<b>910-020</b>	<b>VOLVO</b>	£64.71
<b>910-002</b>	<b>YANMAR</b>	£61.61	<b>910-012</b>	<b>YANMAR</b>	£116.53	<b>910-021</b>	<b>ENFIELD</b>	£59.67
<b>910-003</b>	<b>PRM 6"</b>	£169.20	<b>910-013</b>	<b>BUKH</b>	£61.61	<b>910-025</b>	<b>PRM 6"</b>	£227.48
<b>910-004</b>	<b>PRM 4"</b>	£74.60	<b>910-014</b>	<b>PRM 4"</b>	£64.71	<b>910-029</b>	<b>PRM 5"</b>	£202.35
<b>910-005</b>	<b>PARAG</b>	£74.60	<b>910-015</b>	<b>SELF CH</b>	£398.69	<b>910-043</b>	<b>Yanmar</b>	£61.61
<b>910-006</b>	<b>TWIN D</b>	£201.41	<b>910-018</b>	<b>PRM 7"</b>	£398.69	<b>910-052</b>	<b>LISTER*</b>	£144.35
<b>910-007</b>	<b>VOLVO</b>	£64.71	<b>910-019</b>	<b>VOLVO</b>	£64.71	<b>910-060</b>	<b>T.M.P.</b>	£93.81

## CENTAFLEX

<b>M127 **</b>	£203.13	<b>CVB 05.10</b>	£706.81	<b>CVB 21.11</b>	T.B.A.
<b>M160</b>	£288.50	<b>CVB 10.10</b>	£731.13	<b>Price includes standard Adaptor. Larger sizes available.</b>	
<b>AM30</b>	£523.10	<b>CVB 15.10</b>	£815.50		
<b>AM50</b>	£558.25	<b>CVB 15.11</b>	T.B.A.		
<b>BOLT SETS EXTRA</b>		<b>CVB21.10</b>	£1795.95		

\*\* Centaflex 127 for Yanmar – Add £43.00. Stud set for M127 £10.00. Stud set for M160 £17.00

## AQUADRIVE

# STERN TUBE ASSEMBLIES

SHAFT SIZE		TUBE £/0.5m	INBOARD GLANDS STUFFING BOXES				OUTBOARD BEARINGS				SHAFT LOGS
Imperial	Metric	0107	0008	0009	0010	0005	0006	0007	0018	0011	
¾"	20mm	£46.86	£141.94	£225.38	£157.67	£259.33	£117.44	£217.33	£182.18	£306.57	
7/8"	22mm	£46.86	£141.94	£225.38	£157.67	£193.18	£117.44	£239.48		£306.57	
1"	25mm	£46.86	£141.94	£225.38	£157.67	£193.18	£117.44	£239.48	£216.85	£311.32	
1 1/8"		£58.45	£154.66	£255.99	£181.10	£217.32	£130.65	£261.26	£224.05	£352.06	
1 ¼"	30mm	£58.45	£154.66	£255.99	£181.10	£217.32	£130.65	£261.26		£361.58	
1 3/8"	35mm	£71.45	£182.62	£269.98	£186.53	£255.19	£163.22	£276.60	<b>0020</b>	£387.63	
1 ½"		£71.45	£182.62	£269.98	£186.53	£271.13	£163.22	£294.33	£216.85	£437.77	
1 5/8"	40mm	£102.14	£204.67	£271.40	£187.72	£284.19	£167.69	£359.54	In bronze	£478.46	
1 ¾"	45mm	£102.14	£211.55	£283.67	£197.44	£299.81	£171.53	£359.54	£114.71	£516.59	
2"	50mm	£111.30	£235.98	£306.86	£214.12	£385.04	£190.52	£424.20		£582.53	
2 ¼"		£146.19	£360.03	Stuffing boxes are Supplied "packed"		£484.55	Cutless assemblies are supplied Complete with W.L.Bearing				
2 ½"	60mm	£190.05	£432.31			£575.38					
2 ¾"		£233.91	£735.00			£967.11					
3"	75mm	£292.38	£735.00			£971.04					
<b>Add £15.00 per threaded end of stern tubing</b>											

## EPOXY GLASS TUBE

<b>FT152</b>	<b>1.5" x 1.25"</b>	£43.00	<b>FT202</b>	<b>2" x 1.75"</b>	£45.00	<b>FT232</b>	<b>2.375" x 1.875"</b>	£80.00
<b>FT172</b>	<b>1.75" x 1.5"</b>	£44.00	<b>FT212</b>	<b>2.125" x 1.625"</b>	£58.00	<b>FT252</b>	<b>2.5" x 2.25"</b>	£47.00
<b>FT182</b>	<b>1.875" x 1.375"</b>	£65.00	<b>FT222</b>	<b>2.25" x 2"</b>	£46.00	<b>FT262</b>	<b>2.625" x 2.125"</b>	£84.00

PRICED PER 2FT - SUPPLIED IN 2FT OR 4FT LENGTHS

## Stainless Steel GLASS in 'P' BRACKETS

1" or 25mm	1 ¼" or 30mm	1 ½" or 40mm	1 ¾" or 45mm	Price includes Water lubricated bearing
£236.60	£257.50	£290.50	£424.70	

All prices plus delivery and V.A.T. where applicable

# WATER LUBRICATED BEARINGS “Cutless type”

I.D = Shaft size

O.D. = Outside shell dia.

L = Length

When ordering – Please state part number and B (Brass shell) or (Non Metallic) Ph Phenolic or GRP

Standard IMPERIAL						Standard METRIC					
Part No.	I.D.	O.D	L	Brass	Ph /GRP	Part No.	I.D.	O.D	L	Brass	Ph /GRP
W07	¾”	1 ¼”	3”	£27	£27 Ph	W20M	20mm	35mm	80mm	£30	-
W08	7/8”	1 3/8”	3 ½”	£40	£35 Ph	W22M	22mm	35mm	88mm	£30	£30 Ph
W10	1”	1 ½”	4”	£30	£28 / £30	W25M	25mm	40mm	100mm	£30	£27 / £32
W11	1 1/8”	1 5/8”	4 ½”	£37	£28 Ph	W30M	30mm	45mm	120mm	£32	£27 / £40
W12	1 ¼”	1 ¾”	5”	£38	£32 / £40	W35M	35mm	50mm	140mm	£38	£29 / £42
W13	1 3/8”	1 7/8”	5 ½”	£40	£35 / £47	W40M	40mm	55mm	160mm	£46	£36 / £46
W15	1 ½”	2”	6”	£45	£35 / £45	W45M	45mm	65mm	180mm	£66	£50 / £68
W16	1 5/8”	2 1/8”	6 ½”	£50	£58	W50M	50mm	70mm	200mm	£73	£65 / £72
W17	1 ¾”	2 3/8”	7”	£60	£48 / £63	<b>ALL RUBBER - FLANGED</b>					
W20	2”	2 5/8”	8”	£70	£60 / £70	CH2229	22mm	29mm	75mm	£27.50	S.T.A.
W22	2 ¼”	3”	9”	£90	£75 Ph	CH2236	22mm	36mm	75mm	£20.00	
W25	2 ½”	3 ¼”	10”	£115	£95 Ph	CH2536	25mm	36mm	100mm	£21.50	
W26	2 5/8”	3 ½”	10”	POA	POA	CH2540	25mm	40mm	100mm	£24.50	
W27	2 ¾”	3 ½”	11”	£128	£110 Ph	CH2541	25mm	40mm	120mm	£24.50	
W30	3”	4”	12”	£185	£160 Ph	CH3040	30mm	40mm	100mm	£25.50	

Non standard & Larger bearings available – Price on application

Prices in blue – to order

OTHER COMMON SIZES						
	Part No.	I.D.	O.D	L	Brass	Ph / GRP
Westerly type	CWM10	1”	1.338” (34mm)	2 3/8” (60mm)	£37.55	-
Westerly type	CWM25M	25mm	1.338” (34mm)	2 3/8” (60mm)	£37.55	-
Metric / Imperial	W25I	25mm	1 ½”	100mm	£30	£27 / £41
	W101	1”	1 ¼”	4”	£27	£28 Ph
	W101M	25mm	1 ¼”	4”	£28	£29 Ph
PHENOLIC REPLACEMENT FOR STUART ALL RUBBER BEARINGS						
	ST07 W07	¾”	1 ¼”	3”	£27	
	ST10	1”	1 7/8”	3 ½”	£35	
	ST11	1 1/8”	1 7/8”	3 ½”	£38	

## REMOTE GREASER

Std. Remote Greaser	£50.98	Pipe & fittings	£9.50	KIT--Greaser, pipe & fittings	£59.85
H.D. Remote Greaser	£245.32	Special order	S.T.A.	Ramonol Grease 500g	£10.80

## MANECRAFT

## DEEP SEA SEALS

SET	SHAFT SIZE		TUBE SIZE	PRICE
EM 2	25mm	1” – 1 1/8”	35mm – 43mm	£180.36
EM 3	25mm	1” – 1 1/8”	43mm – 51mm	£188.11
EM 4	30mm	1 ¼”	43mm – 51mm	£198.56
EM 5	30mm	1 ¼”	51mm – 60mm	£209.00
EM 6	35-40mm	1 3/8” – 1 ½”	51mm – 60mm	£219.45
EM 7	35-40mm	1 3/8” – 1 ½”	60mm – 70mm	£229.90
EM 8	45mm	1 ¾”	70mm – 80mm	£240.35
EM 9	50mm	2”	70mm – 80mm	£250.80
EY 11	*55mm	2 ¼”	*80mm +	£397.10
EY 12	*60mm	2 ½”	*80mm +	£438.90
EY 13	*60mm	2 ½” (2 ¾”)	*90mm +	£480.70
EY 14	*55mm	55mm	*70mm +	£397.10
EY 15	*60mm	60mm	*80mm +	£438.90
EY 16	*60mm	60mm (65mm)	*90mm +	£480.70

\* Indicates unstretched dimension

All prices plus delivery and V.A.T. where applicable

## P.S.S. Seal

<b>IMPERIAL</b>	¾"	¾"			7/8"		1"	1 1/8"	1 1/8"
<b>METRIC</b>			20mm	22mm		25mm			
<b>Tube</b>	1 ¼" 1 ½"	1 ¾"	1 ½"	1 ½"	1 ¾"	1 ¼" - 2"	1 ¼" - 2"	1 ¼" 1 ½"	1 ¾" 2"
	£246.00	£235.00	£235.00	£235.00	£235.00	£255.00	£255.00	£246.00	£255.00

<b>IMPERIAL</b>			1 ¼"	1 ¼"	1 3/8"	1 3/8"			1 ½"
<b>METRIC</b>	30mm	30mm					35mm	35mm	
<b>Tube</b>	1 ¼" 1 ½"	1 ¾" 2"	1 ¾"-2 ½"	2 ¾"	1 ¾" 2"	2 ¼" 2 ½"	1 ¾"	2"-2 ½"	2" - 3 ½"
	£245.00	£255.00	£325.00	£345.00	£308.00	£325.00	£308.00	£325.00	£422.00

<b>IMPERIAL</b>				1 ¾"	1 ¾"	1 ¾"			
<b>METRIC</b>	40mm	40mm	40mm				45mm	45mm	
<b>Tube</b>	2 ¼"	2 ½"	2 ¾" -3"	2 ¼"	2 ½"-3 ¼"	3 ½"	2 ½" 2 ¾"	3"	
	£400.00	£422.00	£400.00	£442.00	£466.00	£443.00	£443.00	£467.00	

<b>IMPERIAL</b>					2"	2"	2"		
<b>METRIC</b>	50mm	50mm	50mm	50mm					
<b>Tube</b>	2 ¾"	3" 3 ¼"	3 ½"	4"	2 ½"	2 ¾"	3" - 3 ½"		
	£531.00	£560.00	£531.00	P.O.A.	£531.00	£560.00	£560.00		

**When ordering, please state exact shaft diameter and tube size.**

## SERIES ONE SEAL

¾"	7/8"	1"	1 1/8"	1 ¼"	22mm	25mm	30mm
£153	£153	£153	£170	£170	£153	£153	£170

**When ordering, please state exact shaft diameter and tube size.**

## SURESEAL

<b>IMPERIAL</b>	1"	1 ¼"	1 3/8"	1 ½"	1 ¾"	2"	2 ¼"	2 ½"
<b>Seal assembly</b>	£260	£292	£312	£424	£454	£514	£549	£634
<b>Spare seal carrier</b>	£69	£82	£84	£120	£133	£155	£167	£196
<b>Spare seal Only</b>	£25	£29	£29	£35	£36	£43	£43	£43

**When ordering, please state exact shaft diameter and tube size. Larger shaft sizes available P.O.A.**

<b>METRIC</b>	30mm	35mm	40mm	45mm	50mm	55mm	60mm	75mm
<b>Seal assembly</b>	£288	£312	£424	£454	£515	£532	£590	£788
<b>Spare seal carrier</b>	£74	£84	£120	£133	£155	£168	£180	£250
<b>Spare seal Only</b>	£29	£29	£35	£36	£43	£43	£43	£60

**When ordering, please state exact shaft diameter and tube size. Larger shaft sizes available P.O.A.**

## MMP Seal

Shaft size	Tube size	Pt No	Price		Shaft size	Tube size	Pt No	Price
1"	45mm	MMP10	£89.90		25mm	42mm	MMP25	£63.80
1 ¼"	52mm	MMP12	£92.84		30mm	48mm	MMP30	£74.46
1 ½"	58mm	MMP15	£114.78		35mm	55mm	MMP35	£88.34
					40mm	60mm	MMP40	£97.36
1 ¾"	64mm	MMP17	£118.12		45mm	65mm	MMP45	£107.46
2"	70mm	MMP20	£121.64		50mm	70mm	MMP50	£111.06

All prices plus delivery and V.A.T. where applicable