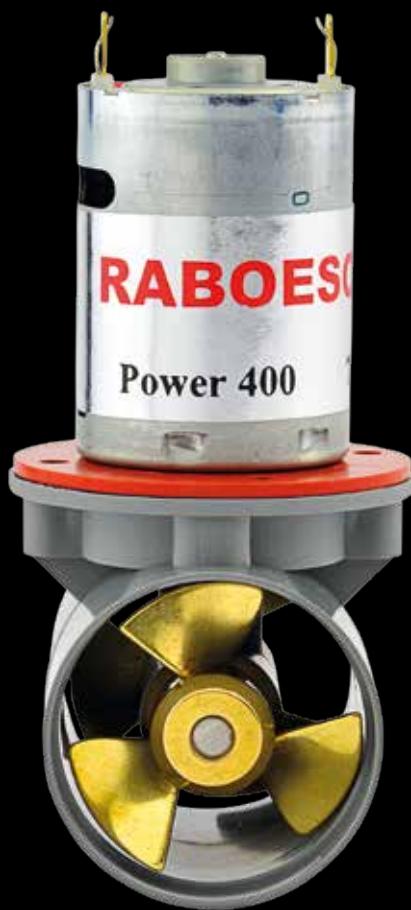


# RABOESCH®



## RC Marine Accessories

Raboesch Models bv 2015





Ontwerp

**shortdesign**  
[www.shortdesign.nl](http://www.shortdesign.nl)  
036 522 35 90

RABOESCH®  
hobby products  
Grafische productie

Quality Dots

2015/a

# Preface

## Voorwoord - Vorwort - Préface

**GB** At Raboesch Models we have been, enthusiastically, creating model ship building products for more than 36 years. High-quality products, precise tools and professionalism result in top quality-products. Through a global network of distributors and dealers our products end up in the hands of the hobbyist. Also outside of the model building sector companies discover the high and constant quality of the Raboesch products. Our products are being used, more and more lately, in the high-tech industry, such as in robotics, various research & development departments and government institutions.

In front of you lies the Raboesch catalog with all the new as well as the more trusted classic products. We wish you plenty of enjoyment while perusing our offers and we invite you to allow yourself to be inspired at one of our retail outlets. On our website: [www.raboeschmodels.com](http://www.raboeschmodels.com) you will find an up-to-date overview of all our products and activities.

**NL** Al ruim 36 jaar worden er bij Raboesch Models, met enthousiasme, producten vervaardigd voor de scheepsmodelbouw. Hoogwaardige materialen, precisie gereedschap en vakmanschap resulteren in producten van topkwaliteit. Via een wereldwijd netwerk van distributeurs en dealers komen de producten terecht bij de hobbyist. Ook buiten de modelbouwbranche ontdekken bedrijven de hoge en constante kwaliteit van Raboesch producten. Onze producten worden steeds meer gebruikt in de hightech industrie, zoals in robotica, diverse research & development afdelingen en overheidsinstellingen.

Voor u ligt de Raboesch catalogus met nieuwe en vertrouwde producten. We wensen u veel plezier bij het bekijken van ons aanbod en nodigen u uit om u te laten inspireren bij een van onze verkooppunten. Op onze website: [www.raboeschmodels.com](http://www.raboeschmodels.com) vindt u een actueel overzicht van onze producten en activiteiten.

**DE** Schon seit mehr als 36 Jahren werden bei Raboesch Models, mit Begeisterung Produkte für den Schiffsmodellbau hergestellt. Hochwertige Materialien, Präzisionsgeräte sowie fachmännisches Können erzeugen Produkte in Spitzens Qualität. Über ein weltweites Händler- und Verteilernetzwerk gelangen die Produkte beim Hobbyisten. Auch außerhalb der Modellbaubranche entdecken Firmen die hohe und gleichbleibende Qualität der Raboesch Produkte. Unsere Produkte werden immer häufiger in der Hightech Industrie verwendet, zum Beispiel für Robotik-Systeme, in verschiedenen Forschungs- und Entwicklungsabteilungen und bei Behördeninstanzen.

Vor Ihnen liegt jetzt der Raboesch Katalog mit neuen und vertrauten Produkten. Wir wünschen Ihnen viel Freude beim Stöbern durch unser Angebot und laden Sie ein, sich von einer unserer Verkaufsstellen begeistern und inspirieren zu lassen. Auf unserer Website: [www.raboeschmodels.com](http://www.raboeschmodels.com) finden Sie eine aktuelle Übersicht unserer Produkte und Aktivitäten.

**FR** Depuis plus de 36 ans, chez Raboesch Models, avec enthousiasme, on fabrique des produits pour le modélisme naval. Les matériaux de haute qualité, les outils de précision et l'artisanat résultent en des produits de haute qualité. Grâce à un réseau mondial de distributeurs et de revendeurs, les produits arrivent chez les amateurs. Également en dehors du secteur d'activité de la construction de maquettes, les entreprises découvrent la qualité élevée et constante des produits Raboesch. Nos produits sont de plus en plus utilisés dans les industries de haute technologie, telles que la robotique, les divers départements de recherche et développement et les organismes gouvernementaux.

Vous avez devant vous le catalogue de Raboesch avec des produits nouveaux et dignes de confiance. Nous vous souhaitons beaucoup de plaisir avec la considération de notre offre et vous invitons à vous laisser inspirer par un de nos points de vente. Sur notre site web: [www.raboeschmodels.com](http://www.raboeschmodels.com) vous trouverez un aperçu de nos produits et de nos activités.

## Rotation direction of propellers

### Draairichting van scheepsschroeven – Drehrichtung Schiffsschrauben – Direction hélices

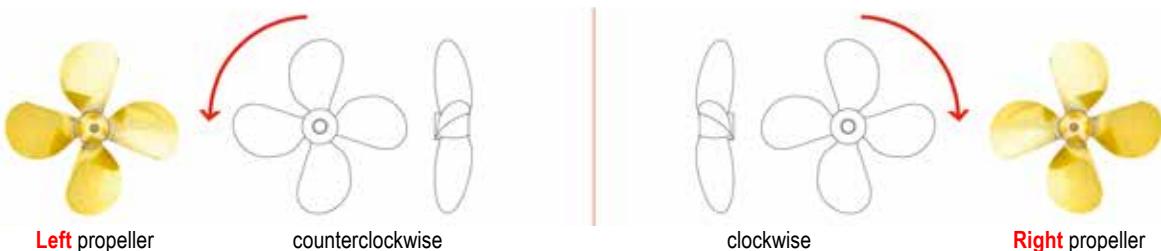
**GB** In the illustration given below you can see the propellers according to International Standard. All Raboesch Models BV propellers are made according to International Standard

**NL** In de onderstaande illustratie ziet u de schroeven afgebeeld volgens de Internationale Standaard. Alle schroeven van Raboesch Models BV worden geleverd volgens de Internationale standaard.

**DE** In der nachstehenden Zeichnung sind die Schrauben abgebildet nach dem Internationalen Standard. Alle Raboesch Models BV Propeller werden nach Internationalem Standard hergestellt.

**FR** Dans l'illustration ci-dessous, vous voyez les hélices représentées pour vous selon la Norme Internationale. Toutes les hélices de Raboesch Models BV sont fabriquées selon la Norme Internationale.

#### Rotation direction of Raboesch propellers from now on



# Plastic profiles & sheets

## Kunststof profielen & platen - Kunststoff Profile & Platten - Profilés & feuilles en Plastique

**GB**

Raboesch Models BV is also a plastic sheets & profiles manufacturer. Since January 2015 we have been providing these products under a new trading name: MAQUETT. Our high-quality products are used for scale model construction, model building and model railway building. We furthermore also provide our products to the furniture sector, architectural firms, research & development departments and the general industry.

Ask your local model building shop or hobby shop for the MAQUETT catalog or download the catalog via [www.maquett.nl](http://www.maquett.nl). On our website you will also find an up-to-date overview of our products and activities.

**NL**

Raboesch Models BV is tevens fabrikant van plastic sheets & profiles. Sinds januari 2015 leveren we deze producten onder de nieuwe handelsnaam MAQUETT. Onze kwalitatief hoge producten worden gebruikt voor schaalmodelbouw, maquettebouw en modelspoorbouw. Daarnaast leveren we aan de meubel branche, architectenbureaus, research & development afdelingen en de industrie.

Vraag uw lokale modelbouwwinkel naar de MAQUETT catalogus of download de catalogus op [www.maquett.nl](http://www.maquett.nl). Op onze website treft u tevens een actueel overzicht aan van onze producten en activiteiten.

**DE**

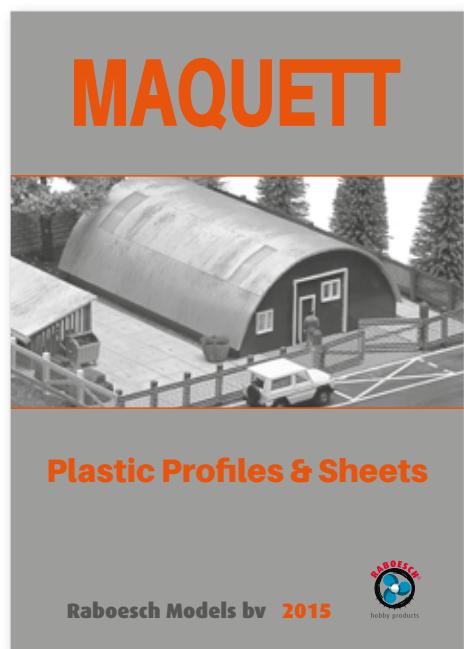
Raboesch Models BV ist auch Hersteller von Kunststoffplatten und Profilen. Ab Januar 2015 liefern wir dies Produkte unter dem neuen Handelsnamen MAQUETT. Unsere qualitativ hochwertigen Produkte werden für maßstabsgerechten Modellbau, Maquettenbau und den Bau von Modelleisenbahnen eingesetzt. Darüber hinaus beliefern wir die Möbelindustrie, Architekturbüros, sowie die Forschungs- und Entwicklungsabteilungen und die Industrie.

Fragen Sie in Ihrem Modellbauladen vor Ort nach dem MAQUETT Katalog oder laden Sie den Katalog auf [www.maquett.nl](http://www.maquett.nl) herunter. Auf unserer Website finden Sie ebenfalls eine aktuelle Übersicht unserer Produkte und Aktivitäten

**FR**

Raboesch Models BV est aussi un fabricant de feuilles de plastique et de profilés. A partir du mois de Janvier 2015, nous fournirons ces produits sous le nouveau nom commercial de MAQUETT. Nos produits de haute qualité sont utilisés pour la construction de maquettes, la construction de modèles et la construction dans le cadre du modélisme ferroviaire. Nous livrons également à l'industrie du meuble, aux cabinets d'architectes, aux départements de recherche et développement et à l'industrie.

Demandez à votre magasin de construction de modèles local le catalogue MAQUETT ou téléchargez le catalogue sur [www.maquett.nl](http://www.maquett.nl). Sur notre site web, vous trouverez également un aperçu actuel de nos produits ainsi que de nos activités.



## Maximum RPM Raboesch propellers

D mm	D inch	Max RPM	D mm	D inch	Max RPM
20	0,79	16000	65	2,60	6600
25	0,98	16000	70	2,80	6200
30	1,20	14500	75	3,00	4200
35	1,40	14500	80	3,20	3500
40	1,60	13000	90	3,60	3100
45	1,80	12000	100	4,00	2800
50	2,00	10000	110	4,40	2500
55	2,20	9600	120	4,70	2300
60	2,40	8000	130	5,20	2150

# Brass propellers

Messing scheepsschroeven - Messing Schiffsschrauben - Hélices laiton

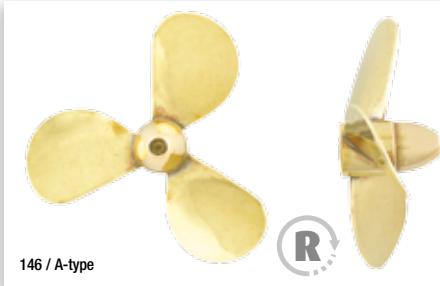
## 145 - 2 blade METRIC shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
145-41	20	0,79	R	M2	20,5
145-42	20	0,79	L	M2	20,5
145-43	20	0,79	R	M3	20,5
145-44	20	0,79	L	M3	20,5
145-45	25	0,98	R	M2	25,6
145-46	25	0,98	L	M2	25,6
145-47	25	0,98	R	M3	25,6
145-48	25	0,98	L	M3	25,6
145-49	25	0,98	R	M4	25,6
145-50	25	0,98	L	M4	25,6
145-01	30	1,20	R	M4	30,7
145-01A	30	1,20	R	M3	30,7
145-02	30	1,20	L	M4	30,7
145-02A	30	1,20	L	M3	30,7
145-03	35	1,40	R	M4	35,9
145-03A	35	1,40	R	M3	35,9
145-04	35	1,40	L	M4	35,9
145-04A	35	1,40	L	M3	35,9
145-05	40	1,60	R	M4	41,0
145-06	40	1,60	L	M4	41,0
145-07	45	1,80	R	M4	46,1
145-08	45	1,80	L	M4	46,1
145-09	50	2,00	R	M4	51,2
145-10	50	2,00	L	M4	51,2

NIEUW  
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2015



NIEUW  
NEW  
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NOUVEAUTE  
2015



## 146 - 3 blade METRIC shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
146-01	20	0,79	R	M3	20,5
146-01A	20	0,79	R	M2	20,5
146-02	20	0,79	L	M3	20,5
146-02A	20	0,79	L	M2	20,5
146-03	25	0,98	R	M3	25,6
146-03A	25	0,98	R	M2	25,6
146-04	25	0,98	L	M3	25,6
146-04A	25	0,98	L	M2	25,6
146-05	20	0,79	R	M4	20,5
146-06	20	0,79	L	M4	20,5
146-07	25	0,98	R	M4	25,6
146-08	25	0,98	L	M4	25,6
146-09	30	1,20	R	M4	30,7
146-09A	30	1,20	R	M3	30,7
146-10	30	1,20	L	M4	30,7
146-10A	30	1,20	L	M3	30,7
146-11	35	1,40	R	M4	35,9
146-11A	35	1,40	R	M3	35,9
146-12	35	1,40	L	M4	35,9
146-12A	35	1,40	L	M3	35,9
146-13	40	1,60	R	M4	41,0
146-14	40	1,60	L	M4	41,0
146-15	45	1,80	R	M4	46,1
146-16	45	1,80	L	M4	46,1
146-17	50	2,00	R	M4	51,2
146-18	50	2,00	L	M4	51,2
146-19	55	2,20	R	M4	56,4
146-20	55	2,20	L	M4	56,4
146-21	60	2,40	R	M4	61,5
146-21A	60	2,40	R	M5	61,5
146-22	60	2,40	L	M4	61,5
146-22A	60	2,40	L	M5	61,5
146-23	65	2,60	R	M4	66,6
146-23A	65	2,60	R	M5	66,6
146-24	65	2,60	L	M4	66,6
146-24A	65	2,60	L	M5	66,6
146-25	70	2,80	R	M5	71,7
146-26	70	2,80	L	M5	71,7
146-27	75	3,00	R	M5	76,9
146-28	75	3,00	L	M5	76,9
146-29	80	3,20	R	M5	82,0
146-30	80	3,20	L	M5	82,0
146-31	90	3,60	R	M5	92,2
146-32	90	3,60	L	M5	92,2
146-33	100	4,00	R	M5	102,5
146-34	100	4,00	L	M5	102,5
146-35	110	4,40	R	M5	112,8
146-36	110	4,40	L	M5	112,8
146-39	120	4,80	R	M5	123,0
146-40	120	4,80	L	M5	123,0
146-37	130	5,20	R	M5	133,2
146-38	130	5,20	L	M5	133,2

# Brass propellers

Messing scheepsschroeven - Messing Schiffsschrauben - Hélices laiton

## 147 - 4 blade METRIC shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
147-01	20	0,79	R	M3	20,5
147-01A	20	0,79	R	M2	20,5
147-02	20	0,79	L	M3	20,5
147-02A	20	0,79	L	M2	20,5
147-03	25	0,98	R	M3	25,6
147-03A	25	0,98	R	M2	25,6
147-04	25	0,98	L	M3	25,6
147-04A	25	0,98	L	M2	25,6
147-05	20	0,79	R	M4	20,5
147-06	20	0,79	L	M4	20,5
147-07	25	0,98	R	M4	25,6
147-08	25	0,98	L	M4	25,6
147-09	30	1,20	R	M4	30,7
<b>147-09A</b>	<b>30</b>	<b>1,20</b>	<b>R</b>	<b>M3</b>	<b>30,7</b>
147-10	30	1,20	L	M4	30,7
<b>147-10A</b>	<b>30</b>	<b>1,20</b>	<b>L</b>	<b>M3</b>	<b>30,7</b>
147-11	35	1,40	R	M4	35,9
<b>147-11A</b>	<b>35</b>	<b>1,40</b>	<b>R</b>	<b>M3</b>	<b>35,9</b>
147-12	35	1,40	L	M4	35,9
<b>147-12A</b>	<b>35</b>	<b>1,40</b>	<b>L</b>	<b>M3</b>	<b>35,9</b>
147-13	40	1,60	R	M4	41,0
147-14	40	1,60	L	M4	41,0
147-15	45	1,80	R	M4	46,1
147-16	45	1,80	L	M4	46,1
147-17	50	2,00	R	M4	51,2
147-18	50	2,00	L	M4	51,2
147-19	55	2,20	R	M4	56,4
147-20	55	2,20	L	M4	56,4
147-21	60	2,40	R	M4	61,5
147-21A	60	2,40	R	M5	61,5
147-22	60	2,40	L	M4	61,5
147-22A	60	2,40	L	M5	61,5
147-23	65	2,60	R	M4	66,6
147-23A	65	2,60	R	M5	66,6
147-24	65	2,60	L	M4	66,6
147-24A	65	2,60	L	M5	66,6
147-25	70	2,80	R	M5	71,7
147-26	70	2,80	L	M5	71,7
147-27	75	3,00	R	M5	76,9
147-28	75	3,00	L	M5	76,9
147-29	80	3,20	R	M5	82,0
147-30	80	3,20	L	M5	82,0
147-31	90	3,60	R	M5	92,2
147-32	90	3,60	L	M5	92,2
147-33	100	4,00	R	M5	102,5
147-34	100	4,00	L	M5	102,5
147-35	110	4,40	R	M5	112,8
147-36	110	4,40	L	M5	112,8
147-39	120	4,80	R	M5	123,0
147-40	120	4,80	L	M5	123,0
147-37	130	5,20	R	M5	133,2
147-38	130	5,20	L	M5	133,2

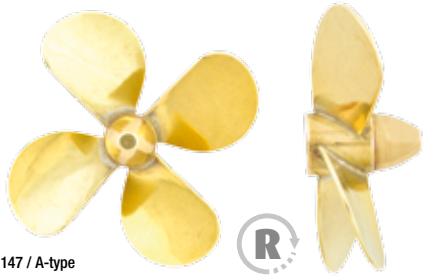
NIEUW

NEW

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2015



147 / A-type

## 148 - 5 blade METRIC shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
148-41	20	0,79	R	M2	20,5
148-42	20	0,79	L	M2	20,5
148-43	20	0,79	R	M3	20,5
148-44	20	0,79	L	M3	20,5
148-45	25	0,98	R	M2	25,6
148-46	25	0,98	L	M2	25,6
148-47	25	0,98	R	M3	25,6
148-48	25	0,98	L	M3	25,6
148-49	25	0,98	R	M4	25,6
148-50	25	0,98	L	M4	25,6
148-01	30	1,20	R	M4	30,7
<b>148-01A</b>	<b>30</b>	<b>1,20</b>	<b>R</b>	<b>M3</b>	<b>30,7</b>
148-02	30	1,20	L	M4	30,7
<b>148-02A</b>	<b>30</b>	<b>1,20</b>	<b>L</b>	<b>M3</b>	<b>30,7</b>
148-03	35	1,40	R	M4	35,9
<b>148-03A</b>	<b>35</b>	<b>1,40</b>	<b>R</b>	<b>M3</b>	<b>35,9</b>
148-04	35	1,40	L	M4	35,9
<b>148-04A</b>	<b>35</b>	<b>1,40</b>	<b>L</b>	<b>M3</b>	<b>35,9</b>
148-05	40	1,60	R	M4	41,0
148-06	40	1,60	L	M4	41,0
148-07	45	1,80	R	M4	46,1
148-08	45	1,80	L	M4	46,1
148-09	50	2,00	R	M4	51,2
148-10	50	2,00	L	M4	51,2
148-11	55	2,20	R	M4	56,4
148-12	55	2,20	L	M4	56,4
148-13	60	2,40	R	M4	61,5
148-13A	60	2,40	R	M5	61,5
148-14	60	2,40	L	M4	61,5
148-14A	60	2,40	L	M5	61,5
148-15	65	2,60	R	M4	66,6
148-15A	65	2,60	R	M5	66,6
148-16	65	2,60	L	M4	66,6
148-16A	65	2,60	L	M5	66,6
148-17	70	2,80	R	M4	71,7
148-17A	70	2,80	R	M5	71,7
148-18	70	2,80	L	M4	71,7
148-18A	70	2,80	L	M5	71,7
<b>148-19</b>	<b>75</b>	<b>3,00</b>	<b>R</b>	<b>M5</b>	<b>76,9</b>
<b>148-20</b>	<b>75</b>	<b>3,00</b>	<b>L</b>	<b>M5</b>	<b>76,9</b>
<b>148-21</b>	<b>80</b>	<b>3,20</b>	<b>R</b>	<b>M5</b>	<b>82,0</b>
<b>148-22</b>	<b>80</b>	<b>3,20</b>	<b>L</b>	<b>M5</b>	<b>82,0</b>
<b>148-23</b>	<b>90</b>	<b>3,60</b>	<b>R</b>	<b>M5</b>	<b>92,2</b>
<b>148-24</b>	<b>90</b>	<b>3,60</b>	<b>L</b>	<b>M5</b>	<b>92,2</b>
<b>148-25</b>	<b>100</b>	<b>4,00</b>	<b>R</b>	<b>M5</b>	<b>102,5</b>
<b>148-26</b>	<b>100</b>	<b>4,00</b>	<b>L</b>	<b>M5</b>	<b>102,5</b>
<b>148-27</b>	<b>110</b>	<b>4,40</b>	<b>R</b>	<b>M5</b>	<b>112,8</b>
<b>148-28</b>	<b>110</b>	<b>4,40</b>	<b>L</b>	<b>M5</b>	<b>112,8</b>
<b>148-29</b>	<b>120</b>	<b>4,80</b>	<b>R</b>	<b>M5</b>	<b>123,0</b>
<b>148-30</b>	<b>120</b>	<b>4,80</b>	<b>L</b>	<b>M5</b>	<b>123,0</b>
<b>148-31</b>	<b>130</b>	<b>5,20</b>	<b>R</b>	<b>M5</b>	<b>133,2</b>
<b>148-32</b>	<b>130</b>	<b>5,20</b>	<b>L</b>	<b>M5</b>	<b>133,2</b>

NOUVEAUTE

2015



148 / A-type

# Brass propellers

Messing scheepsschroeven - Messing Schiffsschrauben - Hélices laiton

## 149 - 4 blade METRIC shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
149-01	30	1,20	R	M4	30,7
149-01A	30	1,20	R	M3	30,7
149-02	30	1,20	L	M4	30,7
149-02A	30	1,20	L	M3	30,7
149-03	35	1,40	R	M4	35,9
149-04	35	1,40	L	M4	35,9
149-05	40	1,60	R	M4	41,0
149-06	40	1,60	L	M4	41,0
149-07	45	1,80	R	M4	46,1
149-08	45	1,80	L	M4	46,1
149-09	50	2,00	R	M4	51,2
149-10	50	2,00	L	M4	51,2
149-11	60	2,40	R	M5	61,5
149-11A	60	2,40	R	M4	61,5
149-12	60	2,40	L	M5	61,5
149-12A	60	2,40	L	M4	61,5
149-13	70	2,80	R	M5	71,7
149-14	70	2,80	L	M5	71,7
149-15	80	3,20	R	M5	82,0
149-16	80	3,20	L	M5	82,0
149-17	90	3,60	R	M5	92,2
149-18	90	3,60	L	M5	92,2
149-19	100	4,00	R	M5	102,5
149-20	100	4,00	L	M5	102,5
149-21	110	4,40	R	M5	112,8
149-22	110	4,40	L	M5	112,8

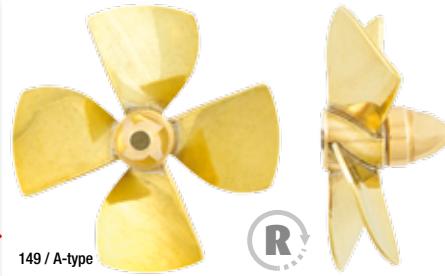
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149 / A-type



## 150 - 3 blade METRIC shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
150-01	30	1,20	R	M3	30,7
150-02	30	1,20	L	M3	30,7
150-03	30	1,20	R	M4	30,7
150-04	30	1,20	L	M4	30,7
150-05	35	1,40	R	M4	35,9
150-06	35	1,40	L	M4	35,9
150-07	40	1,60	R	M4	41,0
150-08	40	1,60	L	M4	41,0
150-09	45	1,80	R	M4	46,1
150-10	45	1,80	L	M4	46,1
150-11	50	2,00	R	M4	51,2
150-12	50	2,00	L	M4	51,2
150-13	60	2,40	R	M4	61,5
150-14	60	2,40	L	M4	61,5
150-15	60	2,40	R	M5	61,5
150-16	60	2,40	L	M5	61,5
150-17	70	2,80	R	M5	71,7
150-18	70	2,80	L	M5	71,7
150-19	80	3,20	R	M5	82,0
150-20	80	3,20	L	M5	82,0
150-21	90	3,60	R	M5	92,2
150-22	90	3,60	L	M5	92,2
150-23	100	4,00	R	M5	102,5
150-24	100	4,00	L	M5	102,5
150-25	110	4,40	R	M5	112,8
150-26	110	4,40	L	M5	112,8

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150 / A-type



## 151 - 5 blade METRIC shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
151-01	30	1,20	R	M3	30,7
151-02	30	1,20	L	M3	30,7
151-03	30	1,20	R	M4	30,7
151-04	30	1,20	L	M4	30,7
151-05	35	1,40	R	M4	35,9
151-06	35	1,40	L	M4	35,9
151-07	40	1,60	R	M4	41,0
151-08	40	1,60	L	M4	41,0
151-09	45	1,80	R	M4	46,1
151-10	45	1,80	L	M4	46,1
151-11	50	2,00	R	M4	51,2
151-12	50	2,00	L	M4	51,2
151-13	60	2,40	R	M4	61,5
151-14	60	2,40	L	M4	61,5
151-15	60	2,40	R	M5	61,5
151-16	60	2,40	L	M5	61,5
151-17	70	2,80	R	M5	71,7
151-18	70	2,80	L	M5	71,7
151-19	80	3,20	R	M5	82,0
151-20	80	3,20	L	M5	82,0
151-21	90	3,60	R	M5	92,2
151-22	90	3,60	L	M5	92,2
151-23	100	4,00	R	M5	102,5
151-24	100	4,00	L	M5	102,5
151-25	110	4,40	R	M5	112,8
151-26	110	4,40	L	M5	112,8

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151 / A-type



150 / A-type

# Brass propellers

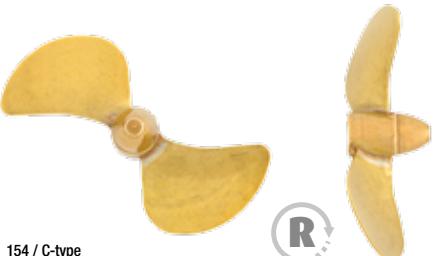
Messing scheepsschroeven - Messing Schiffsschrauben - Hélices laiton

## 154 - 2 blade METRIC shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
154-41	20	0,79	R	M2	20,5
154-42	20	0,79	L	M2	20,5
154-43	20	0,79	R	M3	20,5
154-44	20	0,79	L	M3	20,5
154-45	25	0,98	R	M2	25,6
154-46	25	0,98	L	M2	25,6
154-47	25	0,98	R	M3	25,6
154-48	25	0,98	L	M3	25,6
154-49	25	0,98	R	M4	25,6
154-50	25	0,98	L	M4	25,6
154-01	30	1,20	R	M3	30,7
154-01A	30	1,20	R	M4	30,7
154-02	30	1,20	L	M3	30,7
154-02A	30	1,20	L	M4	30,7
154-03	35	1,40	R	M3	35,9
154-03A	35	1,40	R	M4	35,9
154-04	35	1,40	L	M3	35,9
154-04A	35	1,40	L	M4	35,9
154-05	40	1,60	R	M4	35,6
154-06	40	1,60	L	M4	35,6
154-07	45	1,80	R	M4	40,0
154-08	45	1,80	L	M4	40,0
154-09	50	2,00	R	M4	44,5
154-10	50	2,00	L	M4	44,5
154-11	55	2,20	R	M4	49,0
154-12	55	2,20	L	M4	49,0
154-13	60	2,40	R	M4	61,5
154-14	60	2,40	L	M4	61,5
154-15	60	2,40	R	M5	61,5
154-16	60	2,40	L	M5	61,5

154 / C-type

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154 / C-type

## 156 - 3 blade METRIC shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
156-41	20	0,79	R	M2	20,5
156-42	20	0,79	L	M2	20,5
156-43	20	0,79	R	M3	20,5
156-44	20	0,79	L	M3	20,5
156-45	25	0,98	R	M2	25,6
156-46	25	0,98	L	M2	25,6
156-47	25	0,98	R	M3	25,6
156-48	25	0,98	L	M3	25,6
156-49	25	0,98	R	M4	25,6
156-50	25	0,98	L	M4	25,6
156-01	30	1,20	R	M4	26,7
156-01A	30	1,20	R	M3	26,7
156-02	30	1,20	L	M4	26,7
156-02A	30	1,20	L	M3	26,7
156-03	35	1,40	R	M4	31,1
156-03A	35	1,40	R	M3	33,1
156-04	35	1,40	L	M4	31,1
156-04A	35	1,40	L	M3	33,1
156-05	40	1,60	R	M4	35,6
156-06	40	1,60	L	M4	35,6
156-07	45	1,80	R	M4	40,0
156-08	45	1,80	L	M4	40,0
156-09	50	2,00	R	M4	44,5
156-10	50	2,00	L	M4	44,5
156-11	55	2,20	R	M4	49,0
156-12	55	2,20	L	M4	49,0
156-13	60	2,40	R	M4	53,3
156-14	60	2,40	L	M4	53,3
156-15	60	2,40	R	M5	53,3
156-16	60	2,40	L	M5	53,3

## 157 - 3 blade INCH shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
157-01	30	1,20	R	3/16	26,7
157-02	30	1,20	L	3/16	26,7
157-03	35	1,40	R	3/16	31,1
157-04	35	1,40	L	3/16	31,1
157-05	40	1,60	R	3/16	35,6
157-06	40	1,60	L	3/16	35,6
157-07	45	1,80	R	3/16	40,0
157-08	45	1,80	L	3/16	40,0
157-09	50	2,00	R	3/16	44,5
157-10	50	2,00	L	3/16	44,5
157-11	55	2,20	R	3/16	49,0
157-12	55	2,20	L	3/16	49,0
157-13	60	2,40	R	3/16	53,3
157-14	60	2,40	L	3/16	53,3

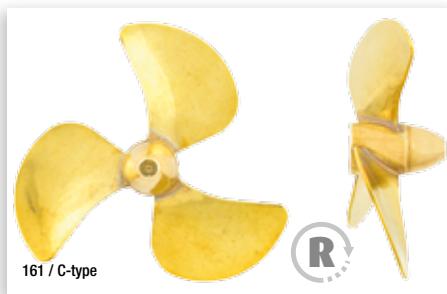
157 / D-type

# Brass propellers

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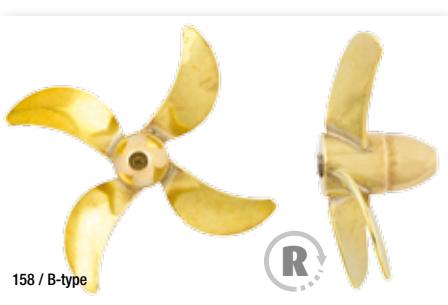
## 158 - 4 blade METRIC shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
158-05	40	1,60	R	M4	41,0
158-06	40	1,60	L	M4	41,0
158-07	45	1,80	R	M4	46,1
158-08	45	1,80	L	M4	46,1
158-09	50	2,00	R	M4	51,2
158-10	50	2,00	L	M4	51,2
158-11	55	2,20	R	M4	56,4
158-12	55	2,20	L	M4	56,4
158-13	60	2,40	R	M4	61,5
158-13A	60	2,40	R	M5	61,5
158-14	60	2,40	L	M4	61,5
158-14A	60	2,40	L	M5	61,5
158-15	65	2,60	R	M4	66,6
158-15A	65	2,60	R	M5	66,6
158-16	65	2,60	L	M4	66,6
158-16A	65	2,60	L	M5	66,6
158-17	70	2,80	R	M4	71,7
158-17A	70	2,80	R	M5	71,7
158-18	70	2,80	L	M4	71,7
158-18A	70	2,80	L	M5	71,7



## 161 - 3 blade INCH shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
161-05	40	1,60	R	3/16	35,6
161-06	40	1,60	L	3/16	35,6
161-07	45	1,80	R	3/16	40,0
161-08	45	1,80	L	3/16	40,0
161-09	50	2,00	R	3/16	44,5
161-10	50	2,00	L	3/16	44,5



## 160 - 3 blade METRIC shaft connection

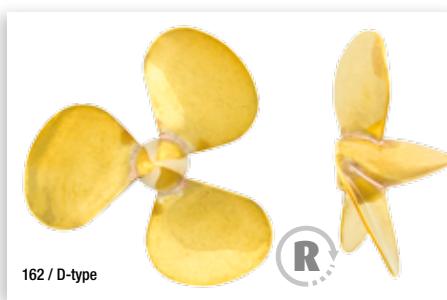
Code	D mm	D inch	R/L	shaft thread	pitch mm
160-41	20	0,79	R	M2	20,5
160-42	20	0,79	L	M2	20,5
160-43	20	0,79	R	M3	20,5
160-44	20	0,79	L	M3	20,5
160-45	25	0,98	R	M2	25,6
160-46	25	0,98	L	M2	25,6
160-47	25	0,98	R	M3	25,6
160-48	25	0,98	L	M3	25,6
160-49	25	0,98	R	M4	25,6
160-50	25	0,98	L	M4	25,6
160-01	30	1,20	R	M4	26,7
160-01A	30	1,20	R	M3	26,7
160-02	30	1,20	L	M4	26,7
160-02A	30	1,20	L	M3	26,7
160-03	35	1,40	R	M4	31,1
106-03A	35	1,40	R	M3	31,1
160-04	35	1,40	L	M4	31,1
160-04A	35	1,40	L	M3	31,1
160-05	40	1,60	R	M4	35,6
160-06	40	1,60	L	M4	35,6
160-07	45	1,80	R	M4	40,0
160-08	45	1,80	L	M4	40,0
160-09	50	2,00	R	M4	44,5
160-10	50	2,00	L	M4	44,5
160-11	55	2,20	R	M4	49,0
160-12	55	2,20	L	M4	49,0
160-13	60	2,40	R	M4	53,3
160-14	60	2,40	L	M4	53,3
160-15	60	2,40	R	M5	53,3
160-16	60	2,40	L	M5	53,3

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## 162 - 3 blade METRIC shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
162-01	20	0,79	R	M2	20,5
162-02	20	0,79	L	M2	20,5
162-03	20	0,79	R	M3	20,5
162-04	20	0,79	L	M3	20,5
162-05	20	0,79	R	M4	20,5
162-06	20	0,79	L	M4	20,5
162-41	23,50	0,93	R	M2	22,8
162-42	23,50	0,93	L	M2	22,8
162-43	23,50	0,93	R	M3	22,8
162-44	23,50	0,93	L	M3	22,8
162-07	25	0,98	R	M2	25,6
162-08	25	0,98	L	M2	25,6
162-09	25	0,98	R	M3	25,6
162-10	25	0,98	L	M3	25,6
162-11	25	0,98	R	M4	25,6
162-12	25	0,98	L	M4	25,6
162-13	30	1,20	R	M4	26,7
162-14	30	1,20	L	M4	26,7
162-15	35	1,40	R	M4	31,1
162-16	35	1,40	L	M4	31,1
162-17	40	1,60	R	M4	35,6
162-18	40	1,60	L	M4	35,6
162-19	45	1,80	R	M4	40,0
162-20	45	1,80	L	M4	40,0
162-21	50	2,00	R	M4	44,5
162-22	50	2,00	L	M4	44,5
162-23	55	2,20	R	M4	49,0
162-24	55	2,20	L	M4	49,0



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## 163 - 6 blade METRIC shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
163-01	20	0,79	R	M2	20,5
163-02	20	0,79	L	M2	20,5
163-03	20	0,79	R	M3	20,5
163-04	20	0,79	L	M3	20,5
163-05	25	0,98	R	M2	25,6
163-06	25	0,98	L	M2	25,6
163-07	25	0,98	R	M3	25,6
163-08	25	0,98	L	M3	25,6
163-09	25	0,98	R	M4	25,6
163-10	25	0,98	L	M4	25,6
163-11	30	1,20	R	M3	26,7
163-12	30	1,20	L	M3	26,7
163-13	30	1,20	R	M4	26,7
163-14	30	1,20	L	M4	26,7
163-15	35	1,40	R	M4	31,1
163-16	35	1,40	L	M4	31,1
163-17	40	1,60	R	M4	35,6
163-18	40	1,60	L	M4	35,6
163-19	45	1,80	R	M4	40,0
163-20	45	1,80	L	M4	40,0
163-21	50	2,00	R	M4	44,5
163-22	50	2,00	L	M4	44,5
163-23	55	2,20	R	M4	49,0
163-24	55	2,20	L	M4	49,0
163-25	60	2,40	R	M4	53,3
163-26	60	2,40	L	M4	53,3
163-27	60	2,40	R	M5	53,3
163-28	60	2,40	L	M5	53,3



## 168 - 5 blade METRIC shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
168-01	20	0,79	R	M2	20,5
168-02	20	0,79	L	M2	20,5
168-03	20	0,79	R	M3	20,5
168-04	20	0,79	L	M3	20,5
168-05	20	0,79	R	M4	20,5
168-06	20	0,79	L	M4	20,5
168-07	25	0,98	R	M3	25,6
168-08	25	0,98	L	M3	25,6
168-09	25	0,98	R	M4	25,6
168-10	25	0,98	L	M4	25,6
168-11	30	1,20	R	M4	26,7
168-12	30	1,20	L	M4	26,7
168-13	35	1,40	R	M4	31,1
168-14	35	1,40	L	M4	31,1
168-15	40	1,60	R	M4	35,6
168-16	40	1,60	L	M4	35,6
168-17	45	1,80	R	M4	40,0
168-18	45	1,80	L	M4	40,0
168-19	50	2,00	R	M4	44,5
168-20	50	2,00	L	M4	44,5
168-21	55	2,20	R	M4	49,0
168-22	55	2,20	L	M4	49,0



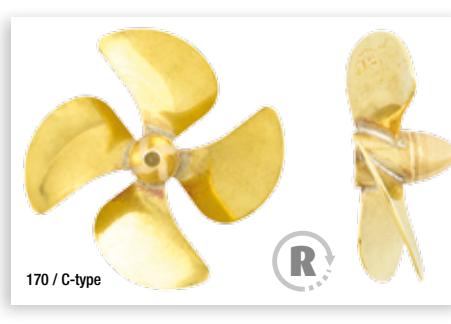
## 164 - 6 blade METRIC shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
164-01	20	0,79	R	M2	20,5
164-02	20	0,79	L	M2	20,5
164-03	20	0,79	R	M3	20,5
164-04	20	0,79	L	M3	20,5
164-05	25	0,98	R	M2	25,6
164-06	25	0,98	L	M2	25,6
164-07	25	0,98	R	M3	25,6
164-08	25	0,98	L	M3	25,6
164-09	25	0,98	R	M4	25,6
164-10	25	0,98	L	M4	25,6
164-11	30	1,20	R	M3	26,7
164-12	30	1,20	L	M3	26,7
164-13	30	1,20	R	M4	26,7
164-14	30	1,20	L	M4	26,7
164-15	35	1,40	R	M4	31,1
164-16	35	1,40	L	M4	31,1
164-17	40	1,60	R	M4	35,6
164-18	40	1,60	L	M4	35,6
164-19	45	1,80	R	M4	40,0
164-20	45	1,80	L	M4	40,0
164-21	50	2,00	R	M4	44,5
164-22	50	2,00	L	M4	44,5
164-23	55	2,20	R	M4	49,0
164-24	55	2,20	L	M4	49,0
164-25	60	2,40	R	M4	53,3
164-26	60	2,40	L	M4	53,3
164-27	60	2,40	R	M5	53,3
164-28	60	2,40	L	M5	53,3



## 170 - 4 blade METRIC shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
170-41	20	0,79	R	M2	20,5
170-42	20	0,79	L	M2	20,5
170-43	20	0,79	R	M3	20,5
170-44	20	0,79	L	M3	20,5
170-45	25	0,98	R	M2	25,6
170-46	25	0,98	L	M2	25,6
170-01	25	0,98	R	M3	25,6
170-01A	25	0,98	R	M4	25,6
170-02	25	0,98	L	M3	25,6
170-02A	25	0,98	L	M4	25,6
170-03	30	1,20	R	M4	26,7
170-04	30	1,20	L	M4	26,7
170-03A	35	1,40	R	M4	31,1
170-04A	35	1,40	L	M4	31,1
170-05	40	1,60	R	M4	35,6
170-06	40	1,60	L	M4	35,6
170-07	45	1,80	R	M4	40,0
170-08	45	1,80	L	M4	40,0
170-09	50	2,00	R	M4	44,5
170-10	50	2,00	L	M4	44,5
170-11	55	2,20	R	M4	49,0
170-12	55	2,20	L	M4	49,0
170-13	60	2,40	R	M4	53,3
170-13A	60	2,40	R	M5	53,3
170-14	60	2,40	L	M4	53,3
170-14A	60	2,40	L	M5	53,3
170-15	65	2,60	R	M4	57,7
170-15A	65	2,60	R	M5	57,7
170-16	65	2,60	L	M4	57,7
170-16A	65	2,60	L	M5	57,7
170-17	70	2,80	R	M4	62,2
170-17A	70	2,80	R	M5	62,2
170-18	70	2,80	L	M4	62,2
170-18A	70	2,80	L	M5	62,2

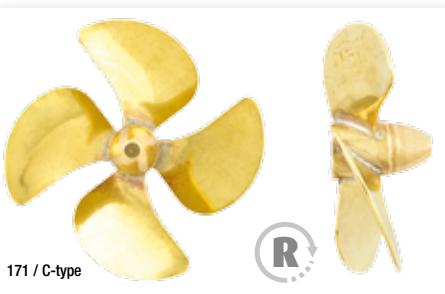


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## 171 - 4 blade INCH shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
171-05	40	1,60	R	3/16	35,6
171-06	40	1,60	L	3/16	35,6
171-07	45	1,80	R	3/16	40,0
171-08	45	1,80	L	3/16	40,0
171-09	50	2,00	R	3/16	44,5
171-10	50	2,00	L	3/16	44,5
171-11	55	2,20	R	3/16	49,0
171-12	55	2,20	L	3/16	49,0
171-13	60	2,40	R	3/16	53,3
171-14	60	2,40	L	3/16	53,3
171-15	65	2,60	R	3/16	57,7
171-16	65	2,60	L	3/16	57,7
171-17	70	2,80	R	3/16	62,2
171-18	70	2,80	L	3/16	62,2



## 173 - 6 blade INCH shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
173-05	40	1,60	R	3/16	41,0
173-06	40	1,60	L	3/16	41,0
173-07	45	1,80	R	3/16	46,1
173-08	45	1,80	L	3/16	46,1
173-09	50	2,00	R	3/16	51,2
173-10	50	2,00	L	3/16	51,2
173-11	55	2,20	R	3/16	56,4
173-12	55	2,20	L	3/16	56,4



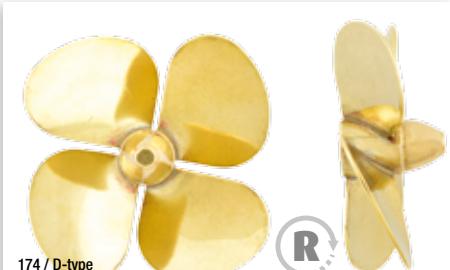
## 172 - 6 blade METRIC shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
172-05	40	1,60	R	M4	41,0
172-06	40	1,60	L	M4	41,0
172-07	45	1,80	R	M4	46,1
172-08	45	1,80	L	M4	46,1
172-09	50	2,00	R	M4	51,2
172-10	50	2,00	L	M4	51,2
172-11	55	2,20	R	M4	56,4
172-12	55	2,20	L	M4	56,4
172-13	60	2,40	R	M4	61,5
172-13A	60	2,40	R	M5	61,5
172-14	60	2,40	L	M4	61,5
172-14A	60	2,40	L	M5	61,5
172-15	65	2,60	R	M4	66,6
172-15A	65	2,60	R	M5	66,6
172-16	65	2,60	L	M4	66,6
172-16A	65	2,60	L	M5	66,6
172-17	70	2,80	R	M4	71,7
172-17A	70	2,80	R	M5	71,7
172-18	70	2,80	L	M4	71,7
172-18A	70	2,80	L	M5	71,7



## 174 - 4 blade METRIC shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
174-41	20	0,79	R	M2	20,5
174-42	20	0,79	L	M2	20,5
174-43	20	0,79	R	M3	20,5
174-44	20	0,79	L	M3	20,5
174-45	25	0,98	R	M2	25,6
174-46	25	0,98	L	M2	25,6
174-47	25	0,98	R	M3	25,6
174-48	25	0,98	L	M3	25,6
174-49	25	0,98	R	M4	25,6
174-50	25	0,98	L	M4	25,6
174-01	30	1,20	R	M4	26,7
<b>174-01A</b>	<b>30</b>	<b>1,20</b>	<b>R</b>	<b>M3</b>	<b>26,7</b>
174-02	30	1,20	L	M4	26,7
<b>174-02A</b>	<b>30</b>	<b>1,20</b>	<b>L</b>	<b>M3</b>	<b>26,7</b>
174-03	35	1,40	R	M4	31,1
<b>174-03A</b>	<b>35</b>	<b>1,40</b>	<b>R</b>	<b>M3</b>	<b>31,1</b>
174-04	35	1,40	L	M4	31,1
<b>174-04A</b>	<b>35</b>	<b>1,40</b>	<b>L</b>	<b>M3</b>	<b>31,1</b>
174-05	40	1,60	R	M4	35,6
174-06	40	1,60	L	M4	35,6
174-07	45	1,80	R	M4	40,0
174-08	45	1,80	L	M4	40,0
174-09	50	2,00	R	M4	44,5
174-10	50	2,00	L	M4	44,5
174-11	55	2,20	R	M4	49,0
174-12	55	2,20	L	M4	49,0
174-13	60	2,40	R	M4	53,3
174-13A	60	2,40	R	M5	53,3
174-14	60	2,40	L	M4	53,3
174-14A	60	2,40	L	M5	53,3



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# Brass propellers

Messing scheepsschroeven - Messing Schiffsschrauben - Hélices laiton

## 175 - 4 blade INCH shaft connection

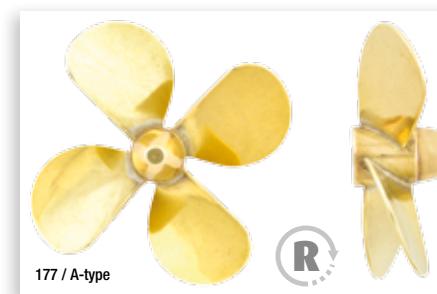
Code	D mm	D inch	R/L	shaft thread	pitch mm
175-01	30	1,20	R	3/16	26,7
175-02	30	1,20	L	3/16	26,7
175-03	35	1,40	R	3/16	31,1
175-04	35	1,40	L	3/16	31,1
175-05	40	1,60	R	3/16	35,6
175-06	40	1,60	L	3/16	35,6
175-07	45	1,80	R	3/16	40,0
175-08	45	1,80	L	3/16	40,0
175-09	50	2,00	R	3/16	44,5
175-10	50	2,00	L	3/16	44,5
175-11	55	2,20	R	3/16	49,0
175-12	55	2,20	L	3/16	49,0
175-13	60	2,40	R	3/16	53,3
175-14	60	2,40	L	3/16	53,3



175 / D-type

## 177 - 4 blade INCH shaft connection

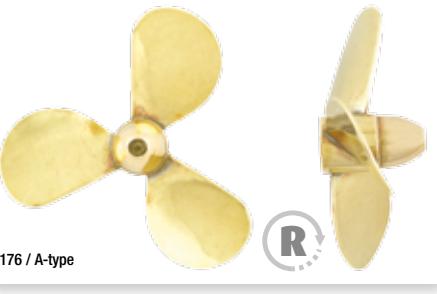
Code	D mm	D inch	R/L	shaft thread	pitch mm
177-39	20	0,79	R	1/8	20,5
177-40	20	0,79	L	1/8	20,5
177-41	25	0,98	R	1/8	25,6
177-42	25	0,98	L	1/8	25,6
177-43	30	1,20	R	1/8	30,7
177-44	30	1,20	L	1/8	30,7
177-45	35	1,40	R	1/8	35,9
177-46	35	1,40	L	1/8	35,9
177-01	30	1,20	R	3/16	30,7
177-02	30	1,20	L	3/16	30,7
177-03	35	1,40	R	3/16	35,9
177-04	35	1,40	L	3/16	35,9
177-05	40	1,60	R	3/16	41,0
177-06	40	1,60	L	3/16	41,0
177-07	45	1,80	R	3/16	46,1
177-08	45	1,80	L	3/16	46,1
177-11	50	2,00	R	3/16	51,2
177-12	50	2,00	L	3/16	51,2
177-15	55	2,20	R	3/16	56,4
177-16	55	2,20	L	3/16	56,4
177-19	60	2,40	R	3/16	61,5
177-20	60	2,40	L	3/16	61,5
177-21	65	2,60	R	3/16	66,6
177-22	65	2,60	L	3/16	66,6
177-23	70	2,80	R	3/16	71,7
177-24	70	2,80	L	3/16	71,7
177-25	75	3,00	R	3/16	76,9
177-26	75	3,00	L	3/16	76,9
177-27	80	3,20	R	3/16	82,0
177-28	80	3,20	L	3/16	82,0
177-29	90	3,60	R	3/16	92,2
177-30	90	3,60	L	3/16	92,2



177 / A-type

## 176 - 3 blade INCH shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
176-39	20	0,79	R	1/8	20,5
176-40	20	0,79	L	1/8	20,5
176-41	25	0,98	R	1/8	25,6
176-42	25	0,98	L	1/8	25,6
176-43	30	1,20	R	1/8	30,7
176-44	30	1,20	L	1/8	30,7
176-45	35	1,40	R	1/8	35,9
176-46	35	1,40	L	1/8	35,9
176-01	30	1,20	R	3/16	30,7
176-02	30	1,20	L	3/16	30,7
176-03	35	1,40	R	3/16	35,9
176-04	35	1,40	L	3/16	35,9
176-05	40	1,60	R	3/16	41,0
176-06	40	1,60	L	3/16	41,0
176-07	45	1,80	R	3/16	46,1
176-08	45	1,80	L	3/16	46,1
176-11	50	2,00	R	3/16	51,2
176-12	50	2,00	L	3/16	51,2
176-15	55	2,20	R	3/16	56,4
176-16	55	2,20	L	3/16	56,4
176-19	60	2,40	R	3/16	61,5
176-20	60	2,40	L	3/16	61,5
176-21	65	2,60	R	3/16	66,6
176-22	65	2,60	L	3/16	66,6
176-23	70	2,80	R	3/16	71,7
176-24	70	2,80	L	3/16	71,7
176-25	75	3,00	R	3/16	76,9
176-26	75	3,00	L	3/16	76,9
176-27	80	3,20	R	3/16	82,0
176-28	80	3,20	L	3/16	82,0
176-29	90	3,60	R	3/16	92,2
176-30	90	3,60	L	3/16	92,2



176 / A-type

## 178 - 5 blade INCH shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
178-01	30	1,20	R	3/16	30,7
178-02	30	1,20	L	3/16	30,7
178-03	35	1,40	R	3/16	35,9
178-04	35	1,40	L	3/16	35,9
178-05	40	1,60	R	3/16	41,0
178-06	40	1,60	L	3/16	41,0
178-07	45	1,80	R	3/16	46,1
178-08	45	1,80	L	3/16	46,1
178-09	50	2,00	R	3/16	51,2
178-10	50	2,00	L	3/16	51,2
178-11	55	2,20	R	3/16	56,4
178-12	55	2,20	L	3/16	56,4
178-13	60	2,40	R	3/16	61,5
178-14	60	2,40	L	3/16	61,5
178-15	65	2,60	R	3/16	66,6
178-16	65	2,60	L	3/16	66,6
178-17	70	2,80	R	3/16	71,7
178-18	70	2,80	L	3/16	71,7



178 / A-type

# Brass propellers

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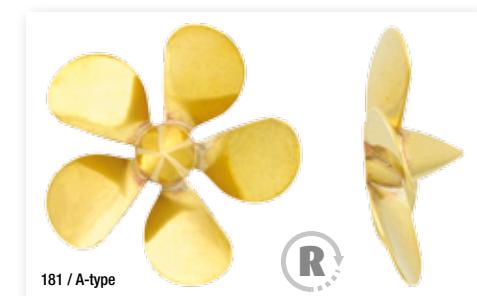
## 179 - 7 blade METRIC shaft connection

Code	D mm	D inch	R/L	shaft thread	Hub Ø x L
179-13	53	2,08	R	M5	18x25
179-14	53	2,08	L	M5	18x25
179-15	58	2,28	R	M5	18x25
179-16	58	2,28	L	M5	18x25
179-17	63	2,48	R	M5	19x26
179-18	63	2,48	L	M5	19x26
179-19	68	2,68	R	M5	19x26
179-20	68	2,68	L	M5	19x26
179-23	73	2,87	R	M5	20x27
179-24	73	2,87	L	M5	20x27
179-27	78	3,07	R	M5	20x27
179-28	78	3,07	L	M5	20x27



## 181 - 5 blade METRIC shaft connection

Code	D mm	D inch	R/L	shaft thread	Hub Ø x L
181-13	55	2,20	R	M4	15x22
181-13A	55	2,20	R	M5	15x22
181-14	55	2,20	L	M4	15x22
181-14A	55	2,20	L	M5	15x22
181-15	60	2,40	R	M4	16x23
181-15A	60	2,40	R	M5	16x23
181-16	60	2,40	L	M4	16x23
181-16A	60	2,40	L	M5	16x23
181-17	65	2,60	R	M5	17x24
181-18	65	2,60	L	M5	17x24
181-19	70	2,80	R	M5	17x24
181-20	70	2,80	L	M5	17x24
181-21	75	3,00	R	M5	18x25
181-22	75	3,00	L	M5	18x25
181-23	80	3,20	R	M5	19x26
181-24	80	3,20	L	M5	19x26
181-25	85	3,40	R	M5	20x27
181-26	85	3,40	L	M5	20x27
181-27	95	3,80	R	M5	20x27
181-28	95	3,80	L	M5	20x27



## 180 - 7 blade INCH shaft connection

Including M3 lock screw and Allan key 106 - 71

Code	D mm	D inch	R/L	shaft hole	Hub Ø x L
180-13	53	2,08	R	Ø 3/16	18x25
180-14	53	2,08	L	Ø 3/16	18x25
180-15	58	2,28	R	Ø 3/16	18x25
180-16	58	2,28	L	Ø 3/16	18x25
180-17	63	2,48	R	Ø 3/16	19x26
180-18	63	2,48	L	Ø 3/16	19x26
180-19	68	2,68	R	Ø 3/16	19x26
180-20	68	2,68	L	Ø 3/16	19x26
180-23	73	2,87	R	Ø 3/16	20x27
180-24	73	2,87	L	Ø 3/16	20x27
180-27	78	3,07	R	Ø 3/16	20x27
180-28	78	3,07	L	Ø 3/16	20x27



## 183 - 5 blade METRIC shaft connection

Code	D mm	D inch	R/L	shaft thread	Hub Ø x L
183-13	55	2,20	R	M4	15x22
183-13A	55	2,20	R	M5	15x22
183-14	55	2,20	L	M4	15x22
183-14A	55	2,20	L	M5	15x22
183-15	60	2,40	R	M4	16x23
183-15A	60	2,40	R	M5	16x23
183-16	60	2,40	L	M4	16x23
183-16A	60	2,40	L	M5	16x23
183-17	65	2,60	R	M5	17x24
183-18	65	2,60	L	M5	17x24
183-19	70	2,80	R	M5	18x25
183-20	70	2,80	L	M5	18x25
183-21	75	3,00	R	M5	19x26
183-22	75	3,00	L	M5	19x26



# Brass propellers

Messing scheepsschroeven - Messing Schiffsschrauben - Hélices laiton

## 185 - 7 blade METRIC shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
185-05	40	1,60	R	M4	41,0
185-06	40	1,60	L	M4	41,0
185-07	45	1,80	R	M4	46,1
185-08	45	1,80	L	M4	46,1
185-09	50	2,00	R	M4	51,2
185-10	50	2,00	L	M4	51,2
185-11	55	2,20	R	M4	56,4
185-12	55	2,20	L	M4	56,4
185-13	60	2,40	R	M4	61,5
185-13A	60	2,40	R	M5	61,5
185-14	60	2,40	L	M4	61,5
185-14A	60	2,40	L	M5	61,5
185-15	65	2,60	R	M4	66,6
185-15A	65	2,60	R	M5	66,6
185-16	65	2,60	L	M4	66,6
185-16A	65	2,60	L	M5	66,6
185-17	70	2,80	R	M4	71,7
185-17A	70	2,80	R	M5	71,7
185-18	70	2,80	L	M4	71,7
185-18A	70	2,80	L	M5	71,7



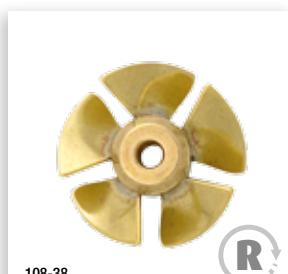
## 108-33 3 blade for bow thruster 108-30 with M3 lock screw

Code	D mm	D inch	R/L	shaft mm	pitch mm
108-33	29		R	Ø 4	26,7



## 108-38 optional 5 blade for bow thruster 108-30 with M3 lock screw

Code	D mm	D inch	R/L	shaft mm	pitch mm
108-33	29		R	Ø 4	26,7



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## 186 - 7 blade INCH shaft connection

Code	D mm	D inch	R/L	shaft thread	pitch mm
186-05	40	1,60	R	3/16	41,0
186-06	40	1,60	L	3/16	41,0
186-07	45	1,80	R	3/16	46,1
186-08	45	1,80	L	3/16	46,1
186-09	50	2,00	R	3/16	51,2
186-10	50	2,00	L	3/16	51,2
186-11	55	2,20	R	3/16	56,4
186-12	55	2,20	L	3/16	56,4



# Rubber



## Rubber - Gummi - Caoutchouc

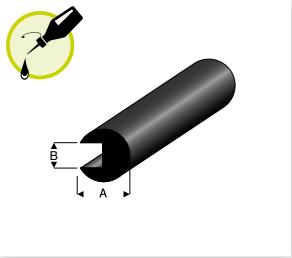
### 104-03 > 09 Rubber vibration absorbers

Code	description	Ø x H	thread	shore	content
104-03	Vibr. Absorbers	Ø 10 x 10 mm	M4 x 10	70°	4x
104-04	Vibr. Absorbers	Ø 15 x 8 mm	M4 x 10	70°	4x
104-05	Vibr. Absorbers	Ø 15 x 12 mm	M4 x 10	70°	4x
104-09	Vibr. Absorbers	Ø 20 x 15mm	M6 x 18	70°	4x



### 104-30 > 34 Rubber bump profile

Code	Lenght	° Shore	mm A	mm B	Content
104-30	200 cm	60°	Ø 2	0,50	1
104-31	200 cm	60°	Ø 4	1,00	1
104-32	200 cm	60°	Ø 6	1,00	1
104-33	200 cm	60°	Ø 8	2,00	1
104-34	200 cm	60°	Ø 10	2,00	1



### 104-21 > 24

### Rubber bump sheet

Code	L x W	° Shore	mm A	mm B	mm C	mm D	Content
104-21	300 x 75 mm	60°	1,70	1,50	3,00	1,70	1
104-23	300 x 75 mm	70°	3,00	3,50	3,10	1,60	1
104-24	300 x 100 mm	45°	3,50	4,20	8,50	4,80	1



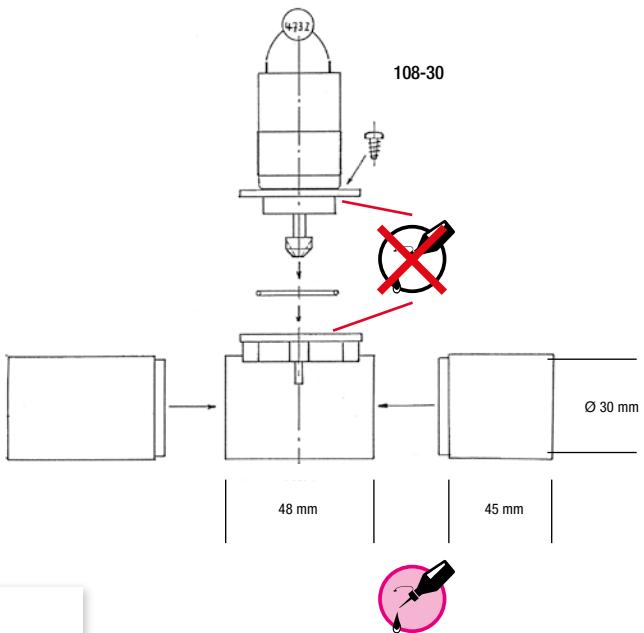
# Bow Thrusters

Boegschroeven - Querstrahlruder - Propulseurs d'étrave

108-30

108-30

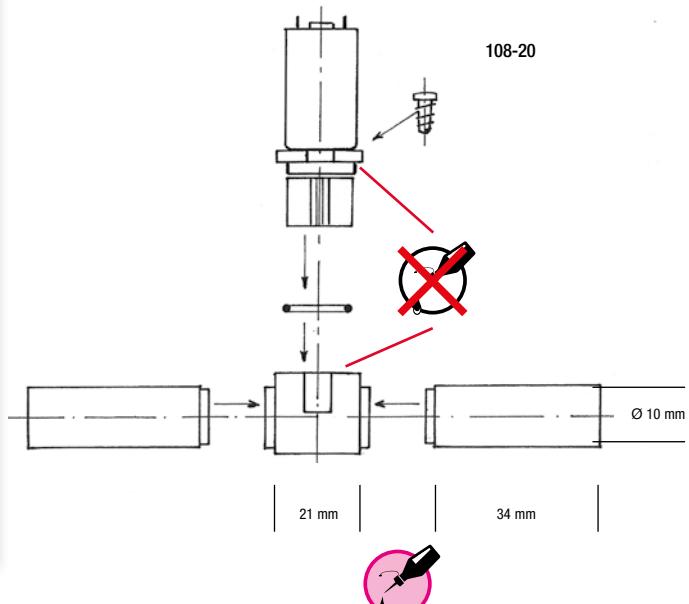
Bow thruster with 2 propellers.  
A G-ring ensures water tightness.  
The gears are water-lubricated.  
Diameter of the jet nozzle: Ø 30 x 33mm.  
Power 400 motor: 7.2 Volt - 11 Amp max.  
Length of the motor housing: 48 mm.  
Total length: 138 mm.  
Total height: 85 mm.  
Weight 150 gr.



108-20

108-20

The world's smallest bow thruster.  
Power 100 motor: 3-12 volt, 6 Amp max.  
Material: ABS.  
A G-ring ensures water tightness.  
Jet Nozzle diameter Ø 10 x 12mm.  
Smallest installation breadth: 21mm.  
Total length: 93mm.  
Total height: 45 mm.  
Weight 30 gr incl. motor.

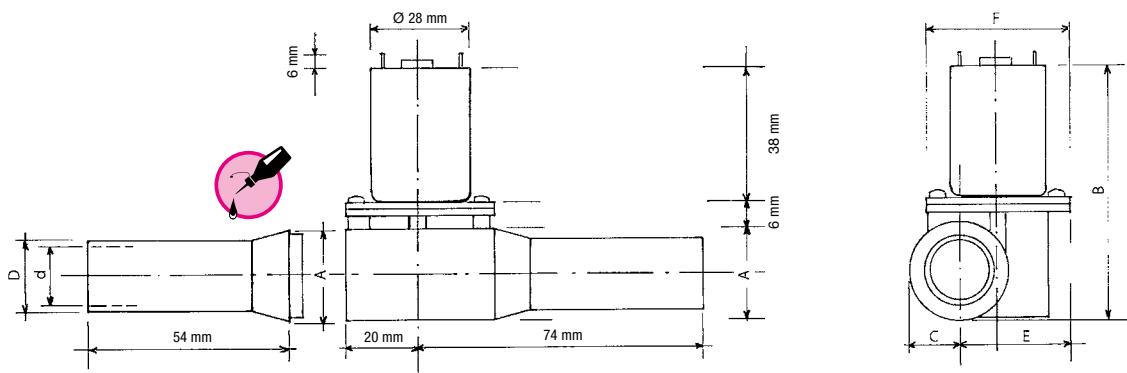


# Bow Thrusters

## Boegschroeven - Querstrahlruder - Propulseurs d'étrave

Code	A	B	C	D	d	E	F
108-01	Ø 22 mm	66 mm	11 mm	Ø 14 mm	Ø 16 mm	31 mm	Ø 40 mm
108-02	Ø 22 mm	66 mm	11 mm	Ø 16 mm	Ø 19 mm	31 mm	Ø 40 mm
108-03	Ø 22 mm	66 mm	11 mm	Ø 19 mm	Ø 22 mm	31 mm	Ø 40 mm
108-04	Ø 28 mm	72 mm	14 mm	Ø 22 mm	Ø 25 mm	34 mm	Ø 40 mm
108-05	Ø 28 mm	72 mm	14 mm	Ø 25 mm	Ø 28 mm	34 mm	Ø 40 mm

These very powerful bow thrusters are supplied fully mounted with a Power 400 7.2-Volt electrical motor, 11 Amp. max. The propulsion is provided by a flat propeller (paddle) which pressurizes the water through jet nozzles whereby the entire assembly functions as a pump. This design is very robust and very stable and requires very little maintenance. The pump housing and the extension tubes are made of ABS (acrylonitrile butadiene styrene). The motor is sealed with a G-ring and an O-ring which prevents the entry of water whereby the bow thruster can be installed vertically as well as horizontally. The motor with the pump housing cover can be removed easily. The cover has an O-ring that ensures water-tight sealing of the entire assembly. For further technical information: See the dimensional drawing and the technical details of the motor. Spare parts: 108-06: The pump housing cover, including pedals. Loose jet nozzles (P): 108-07(108-01) – 108-08(108-02) – 108-09(108-03) – 108-10(108-04) – 108-11(108-05) 108-12: Power 400 electrical motor. RPM 17.000 – voltage without load: w0.5 Amps – Blocking voltage: 20 Amps. Highest performance: 78% - Motor shaft: 2.3 x 12 mm. 108-35: Flat Propeller (2x) for 108-01/03. 108-36: Flat Propeller (2x) for 108-04/05.



108-01



108-04



108-02



108-05



108-03



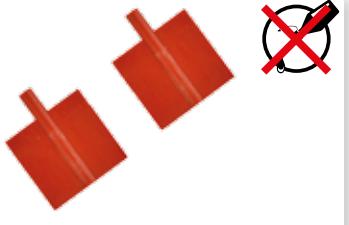
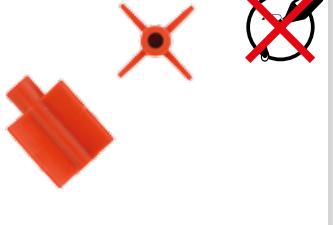
# Bow Thruster Parts

Boegschroef onderdelen - Querstrahlruder Teile - Propulseur d'étrave pièces

<b>108-07</b>	<b>Loose jet nozzle</b>	<b>108-11</b>	<b>Loose jet nozzle</b>	<b>108-21</b>	<b>Repair set</b>
Code	description	Code	description	Code	description
108-07	for bow thruster 108-01	Ø 14 x 16 mm	108-11	for bow thruster 108-05	Ø 25 x 28 mm
<b>108-08</b>	<b>Loose jet nozzle</b>	<b>108-23</b>	<b>Loose jet nozzle</b>	<b>108-31</b>	<b>Repair set</b>
Code	description	Code	description	Code	description
108-08	for bow thruster 108-02	Ø 16 x 19 mm	108-23	for bow thruster 108-20	Ø 10 x 12 mm
<b>108-09</b>	<b>Loose jet nozzle</b>	<b>108-32</b>	<b>Loose jet nozzle</b>	<b>108-34</b>	<b>Gear set</b>
Code	description	Code	description	Code	description
108-09	for bow thruster 108-03	Ø 19 x 22 mm	108-32	for bow thruster 108-30	Ø 30 x 33 mm
<b>108-10</b>	<b>Loose jet nozzle</b>	<b>108-06</b>	<b>Repair set</b>	<b>108-35</b>	<b>Paddle set</b>
Code	description	Code	description	Code	description
108-10	for bow thruster 108-04	Ø 22 x 25 mm	108-06	for bow thruster 108-01 > 05	

# Bow Thruster Parts

Boegschroef onderdelen - Querstrahlruder Teile - Propulseur d'étrave pièces

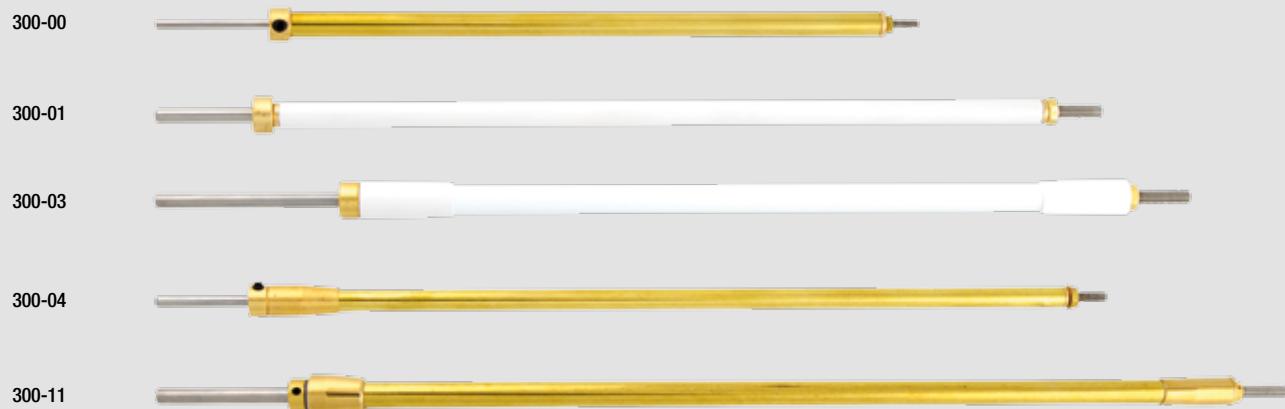
<b>108-36</b>	Paddle set	<b>354-01 &gt; 02</b>	Stainless steel bolts	<b>104-44</b>	Rubber O-Rings
Code	description	Code	description	Code	description
108-36	for bow thruster 108-04 > 05	354-01	stainless steel bolts (4x)	M2 x 6mm	Dimension inside x outside x height
		354-02	stainless steel bolts (4x)	M2,5 x 8mm	Ø 4 x Ø 8 x 2,0mm
					<b>NIEUW NEW NEU NOUVEAUTE 2015</b>
<b>108-37</b>	Paddle	<b>355-01</b>	Parker	<b>359-02</b>	Watertight sealing rings
Code	description	Code	description	Code	description
108-37	for bow thruster 108-20	355-01	parker (4x)	359-02	G-rings (2x)
					<b>NIEUW - NEW - NEU - NOUVEAUTE 2015</b>
<b>108-33</b>	Brass propeller for bow thruster 108-30	<b>108-12</b>	Power 400 electrical motor 7,2 V	<b>108-22</b>	Power 100 electrical motor
Code	D mm	D inch	R/L	shaft mm	pitch mm
108-33	29		R	Ø 4	26,7
					
<b>108-38</b>	optional 5 blade for 108-30				
Code	D mm	D inch	R/L	shaft mm	pitch mm
108-38	29		R	Ø 4	26,7
		<b>NIEUW NEW NEU NOUVEAUTE 2015</b>			
<b>NIEUW - NEW - NEU - NOUVEAUTE 2015</b>					

# Propeller Shafts

## Schroefassen - Schiffswellen - Arbres d'hélices

Code	Max RPM In the water	Tube diameter C	Bearing front	Bearing rear	Tube lenght A	Shaft lenght B	D	Thread x Length E	G
300-00	12000	Ø 5x6 mm	Bronze	Hard Brass	140 mm	180 mm	Ø 2 mm	M2 x 10 mm	
300-01	7000	Ø 5x7 mm	Hard Brass	Hard Brass	220 mm	270 mm	Ø 4 mm	M4 x 16 mm	
300-03	10000	Ø 4,5x8 mm	Bronze	Bronze	220 mm	290 mm	Ø 4 mm	M4 x 18 mm	Ø 10,20 mm
300-04	9000	Ø 5x6 mm	Bronze	Hard Brass	228 mm	270 mm	Ø 3 mm	M3 x 11 mm	Ø 8,70 mm
300-11	16000	Ø 8x10 mm	Ball Bearing	Bronze	370 mm	450 mm	Ø 6 mm	M5 x 25 mm	Ø 15,70 mm

These RABOESCH high quality propeller shafts have a large range of application. For simple electric boats which are made from ABS, wood, please use 300-00/04. 300-01-03 have strong ABS tubes which makes gluing to your scale model very simple. The other propeller shafts have brass tubes. 300-11 has an extra strong shaft and tube. All the RABOESCH propeller shafts can be shortened very easily. All shafts are made of STAINLESS STEEL.

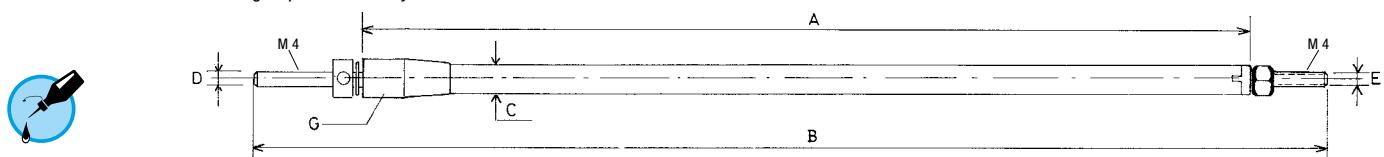


You can shorten these shafts yourself by using a saw.

Code	A	B	C	D	E	G
301-00	240	290	Ø 8	Ø 4	M4	Ø 10,40 mm
301-01	240	290	Ø 6	Ø 4	M4	Ø 10,40 mm



These shafts are suitable for sailing ships with auxiliary motor and classic small steam boats.



# Propeller Shafts

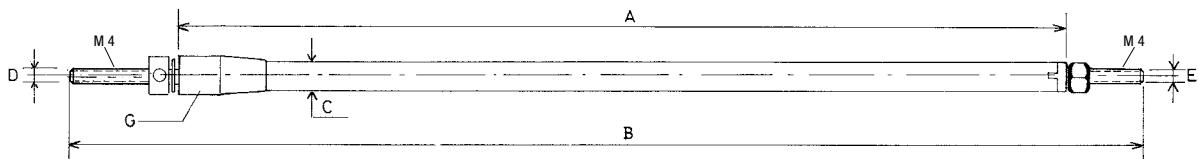
## Schroefassen - Schiffswellen - Arbres d'hélices

Code	A	B	C	D	E	G	H
301-02	150	186	Ø 6	M4	M4	Ø 10,50 mm	with coupling insert 106 - 20
301-03	175	211	Ø 6	M4	M4	Ø 10,50 mm	with coupling insert 106 - 20
301-04	200	236	Ø 6	M4	M4	Ø 10,50 mm	with coupling insert 106 - 20
301-05	225	261	Ø 6	M4	M4	Ø 10,50 mm	with coupling insert 106 - 20
301-06	254	290	Ø 6	M4	M4	Ø 10,50 mm	with coupling insert 106 - 20

301-02 > 06



These shafts are suitable for sailing ships with auxiliary motor and classic small steam boats.



Code	A	B	C	D	E	G
301-07	240	290	Ø 8	Ø 4	M4	Ø 15,80 mm
301-08	240	290	Ø 8	Ø 5	M5	Ø 15,80 mm
301-09	395	450	Ø 8	Ø 4	M4	Ø 15,80 mm
301-10	395	450	Ø 10	Ø 5	M5	Ø 15,80 mm

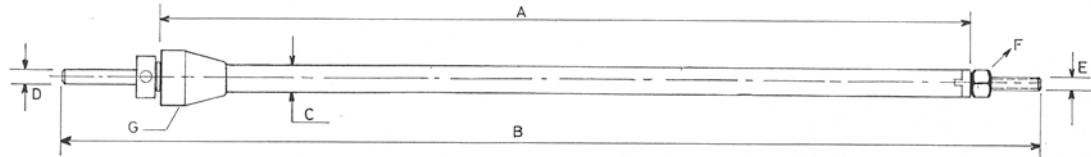
301-07 > 10



Totally maintenance-free shaft and watertight propeller shafts. Bearing House (G) has a ball bearing and a G-ring. Sleeves: Brass. Shafts: S.S. Precision nut: (F). Rear Bearing: Delrin. Maximum RPM: 15000 in the water.



You can shorten these shafts yourself by using a saw.



Code	A	B	C	D	E	G
301-11	140	230	Ø 6	Ø 2	M2	
301-12	148	270	Ø 6	Ø 3	M3	Ø 08,70 mm
301-13	153	330	Ø 8	Ø 4	M4	Ø 10,40 mm

301-11 > 13



Totally maintenance-free shaft and watertight propeller shafts. Bearing House (G) has a ball bearing and a G-ring. Sleeves: Brass. Shafts: S.S. Precision nut: (F). Rear Bearing: Delrin. Maximum RPM: 15000 in the water.



You can shorten these shafts yourself by using a saw.



# Shaft parts

## Schroefas onderdelen - Schiffswellen Teile - Arbres d'hélices pièces

Code	Length	Diam	Thread x Length		Stainless steel METRIC shaft
350-59	230 mm	Ø 2 mm	M2 x 10 mm	NIEUW	
350-60	270 mm	Ø 3 mm	M3 x 11 mm	NEW	
350-61	290 mm	Ø 4 mm	M3 x 11 mm	NEU	
350-62	290 mm	Ø 4 mm	M4 x 18 mm	NOUVEAUTE	
350-63	290 mm	Ø 5 mm	M4 x 18 mm	2015	
350-64	450 mm	Ø 5 mm	M5 x 25 mm		
<b>350-65</b>	<b>450 mm</b>	<b>Ø 6 mm</b>	<b>M4 x 25 mm</b>		
350-66	450 mm	Ø 6 mm	M5 x 25 mm		
350-69	450 mm	Ø 4 mm	M4 x 23 mm		
<b>350-70</b>	<b>290 mm</b>	<b>Ø 5 mm</b>	<b>M5 x 18 mm</b>		

These RABOESCH high quality propeller shafts have a large range of application.

You can shorten these shafts yourself by using a saw.

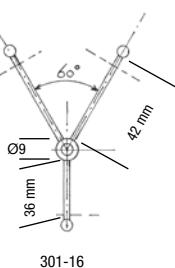
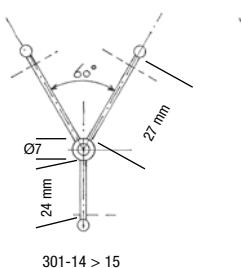
350-59 > 70



301-14 > 16

P-Bracket

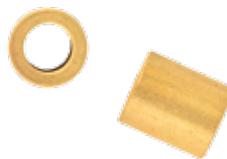
Code	description	D mm
301-14	single p-bracket with brass bearing	Ø 2 mm
301-15	single p-bracket with brass bearing	Ø 3 mm
301-16	single p-bracket with brass bearing	Ø 4 mm



358-00 > 04

Bronze bearings

Code	description	Dimension inside x outside x height
358-00	bronze bearings (2x)	Ø 2 x Ø 5 x 3mm
358-01	bronze bearings (2x)	Ø 3 x Ø 6 x 6mm
358-02	bronze bearings (2x)	Ø 4 x Ø 8 x 8mm
358-03	bronze bearings (2x)	Ø 5 x Ø 8 x 8mm
358-04	bronze bearings (2x)	Ø 6 x Ø 10 x 12mm



360-01 > 10

Delrin Bearings

Code	D	for shaft mm	Content
360-01	4 x 5 x 8mm	301-01 > 06	2
360-07	4 x 7 x 10mm	301-00 > 07 / 09 / 13	2
360-08	5 x 7 x 10mm	301-08	2
360-10	5 x 8 x 10mm	301-10	2



NIEUW  
NEW  
NEU  
NOUVEAUTE  
2015

NIEUW - NEW - NEU - NOUVEAUTE 2015

357-01 > 03

Ball bearings

Code	description	Dimension inside x outside x height
357-01	ball bearings (2x)	Ø 4 x Ø 13 x 5mm
357-02	ball bearings (2x)	Ø 5 x Ø 13 x 4mm
357-03	ball bearings (2x)	Ø 6 x Ø 13 x 5mm



359-01 > 05

G-Rings

Code	description	Dimension inside x outside x height
359-01	G-rings (2x)	Ø 3 x Ø 6 x 3,0mm
359-02	G-rings (2x)	Ø 4 x Ø 8 x 2,2mm
359-03	G-rings (2x)	Ø 5 x Ø 9 x 2,2mm
359-04	G-rings (2x)	Ø 5 x Ø 10 x 2,2mm
359-05	G-rings (2x)	Ø 6 x Ø 10 x 2,2mm



# Shaft parts

Schroefas onderdelen - Schiffswellen Teile - Arbres d'hélices pièces

351-01 > 04 Brass nuts plus washers			353-01 > 04 Stainless steel			104-44 Rubber O-Rings		
Code	description	D mm	Code	description	D mm	Code	description	Dimension inside x outside x height
351-01	brass nuts plus washers (4x)	M2	353-01	stainless steel nuts plus washers (4x)	M2	104-41	for shaft 2mm (2x)	Ø 2 x Ø 5 x 1,5mm
351-02	brass nuts plus washers (4x)	M3	353-02	stainless steel nuts plus washers (4x)	M3	104-42	for shaft 3mm (2x)	Ø 3 x Ø 6 x 1,5mm
351-03	brass nuts plus washers (4x)	M4	353-03	stainless steel nuts plus washers (4x)	M4	104-43	for shaft 4mm (2x)	Ø 4 x Ø 7 x 1,5mm
351-04	brass nuts plus washers (4x)	M5	353-04	stainless steel nuts plus washers (4x)	M5	104-44	for shaft 4mm (2x)	Ø 4 x Ø 8 x 2,0mm
						104-45	for shaft 5mm (2x)	Ø 5 x Ø 8 x 1,5mm
						104-46	for shaft 5mm (2x)	Ø 5 x Ø 9 x 2,0mm







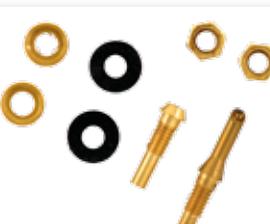
NIEUW  
NEW  
NEU  
NOUVEAUTE  
2015

NIEUW - NEW - NEU - NOUVEAUTE 2015

## Parts

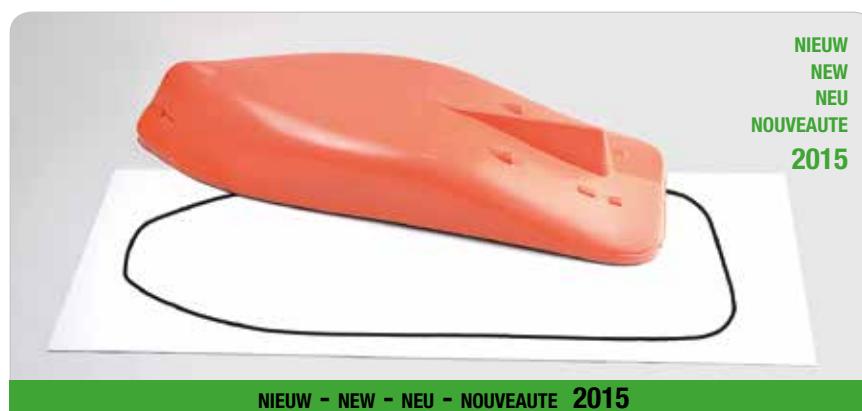
Onderdelen - Teile - Pièces

100-01 Hose nipple			356-01 Brass nipple			107-39 > 41 Tiller arms		
Code	description	D mm	Code	description	D mm	Code	description	D mm
100-01	hose nipple for hull	4 mm	356-01	brass nipple (4x)	M4 x 17 x Ø6	107-39	Nylon Tiller arms	3 mm
						107-40	Nylon Tiller arms	4 mm
						107-41	Nylon Tiller arms	5 mm









X-LARGE  
328x997 mm / 12,9x39,3 inch



part. nr.	color	mm	content
<b>Styrene</b>			
701-04	White	1,00	1
701-05	White	1,50	1
701-06	White	2,00	1

### PVC foam

705-01	White	2,00	1
705-02	White	3,00	1

# Couplings parts

## Koppelingen - Kupplungen - Cardans

### 106-02 > 13

#### Insert

Code	Shaft or Engine Connection	
106-02	Ø 2,0 mm	NIEUW
106-03	Ø 2,3 mm	NEW
<b>106-13</b>	<b>Ø 2,5 mm</b>	<b>NEU</b>
106-04	Ø 3,0 mm	NOUVEAUTE
106-05	Ø 4,0 mm	
106-07	Ø 5,0 mm	
106-08	Ø 6,0 mm	
106-09	Ø 1/8 inch (3,2)	
106-10	Ø 3/32 inch (2,38)	
106-11	Ø 3/16 inch (4,76)	
106-12	Ø 1/4 inch ( 6,35)	



106-40 + 2x insert 106 serie



### 106-40

#### Cardan coupling

Code	length	description
106-40	32 mm	Nylon Coupling



### 106 / 352

#### Allen key and grubscrews

Code	description	D mm
------	-------------	------

106-71	allen key	
352-01	allen key + 4x grubscrew	M3 x 4 mm
352-02	allen key + 4x grubscrew	M4 x 4 mm
352-03	allen key + 4x grubscrew	M5 x 4 mm



### 106-20 > 25

#### Insert

Code	Shaft or Engine Connection
106-20	M4
106-21	M5
106-22	M6
106-23	1/4 inch UNF
106-24	1/4 inch BSF
106-25	3/16 inch UNF



101 + 102 + 2x insert 106 serie



### 106-30

#### Double insert

Code	D mm/inch	Shaft or Engine Connection
106-30		Double insert



### 101 / 102

#### male/female Coupling

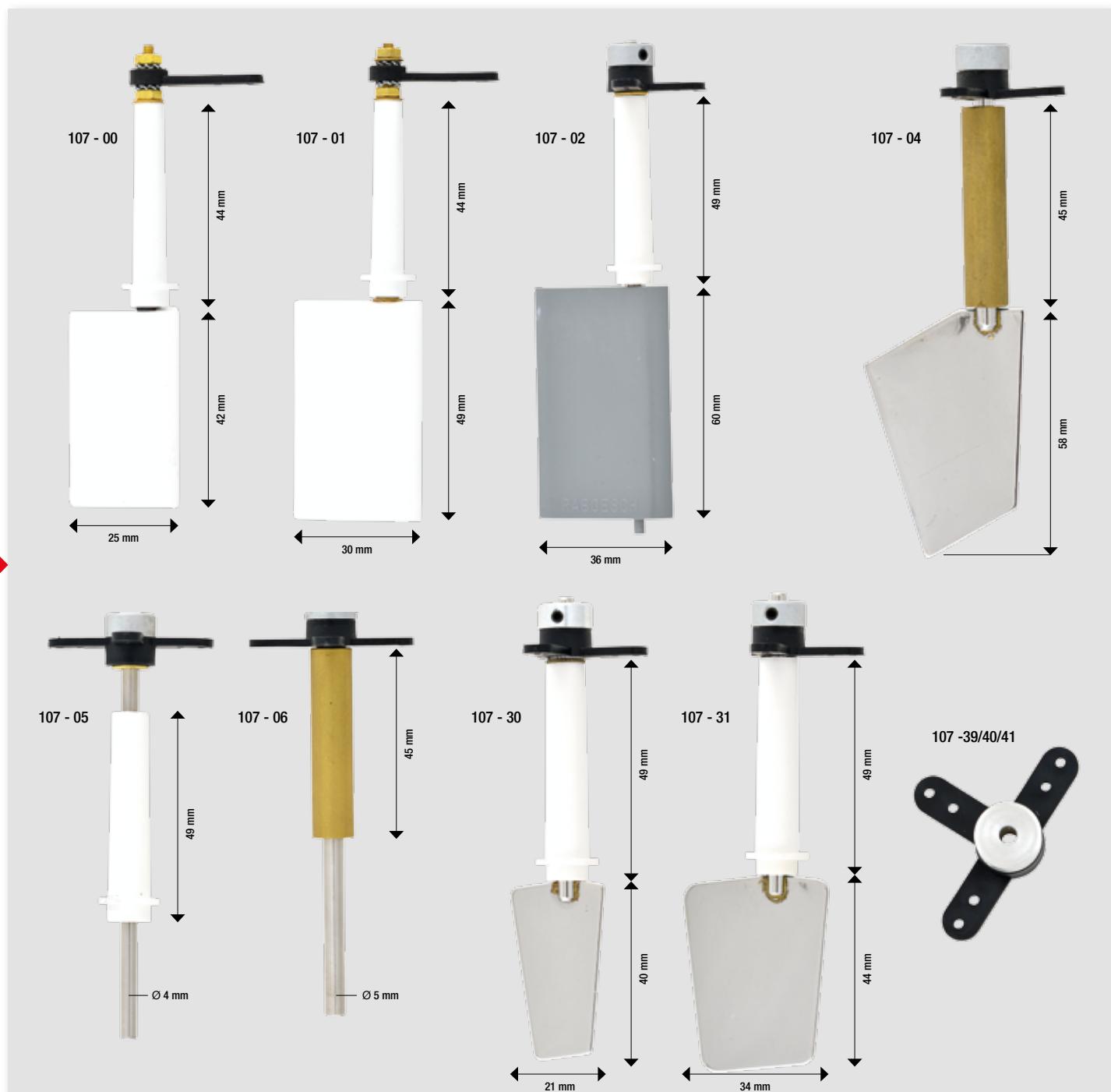
Code	length	description
101-01	male	29 mm
102-01	female	24 mm



# Rudders

## Roeren - Ruder - Gouvernails

Code	
	Balance rudders for electric boats and scale models with realistic blade shapes.
107-00:	Blade size 25x42 mm (ABS), shaft 3mm brass, nylon tiller arm and ABS tube.
107-01:	The same construction, blade size> 30x49 mm.
107-02	For the bigger scale Models. 4 mm stainless steel shaft and hard brass bearings. Tiller arm with a non slip connection( 26 splines). Blade size: 36x60 mm.
107-04:	Slanting rudder for the competition boats, to make sharp corners. Shaft 5mm SS, tube>brass and hard brass bearings.
107-05	Rudder construction for general use.
107-06	Rudder construction for general use.
	Balance rudders for speedboats up to 3,5 cc.
107-30:	Blade 22x40mm,
107-31:	35x47mm SS Shaft and hard brass bearings
107-39/40/41:	Nylon Tiller arms with 26 splines and 3-4-5 mm hole. See page 21.



# Glue advice

## Lijmadvies - Empfehlung zum Kleben - Conseils de collage

**GB** Our plastic products are produced from the polymer ASA (Acrylonitrile - Styrene - Acrylester) and Styrene. They can simply be glued by using hard plastic PVC-glue or with two component glue. On this page we give you glue advice.

**NL** Onze kunststof producten zijn vervaardigd van het polymeer: ASA (Acrylonitrile - Styrene - Acrylester) en Styrene. Ze kunnen eenvoudig worden verlijmd met hard-plastic PVC-lijn of 2-componentenlijn. Op deze pagina geven wij u lijmadvies.

**DE** Unsere Kunststoffprodukte sind aus Polymer ASA (Acrylonitril - Styrol - Acrylester) hergestellt und aus Styrol und können einfach mit dem Hartplastik-PVC-Klebstoff oder mit einem Zwei-Komponenten-Klebstoff verklebt werden. Auf dieser Seite geben wir Ihnen Kleber Beratung.

**FR** Nos produits en plastique sont réalisés en polymère ASA (acrylonitrile styrène acrylate) et en styrène. Ils sont faciles à coller avec une colle pour PVC rigide ou une colle à deux composants. Sur cette page, nous vous donnons des conseils de colle.



### Plastic glue for ASA, Styrene, PVC and PVC foam



UHU plast special UH45880  
[www.uhu-profishop.com](http://www.uhu-profishop.com)



BISON Model Plastic  
[www.bison.nl](http://www.bison.nl)  
[www.bison.be](http://www.bison.be)



RUDERER L530  
[www.ruderer.de](http://www.ruderer.de)



Deluxe Roket Plastic Glue AD62  
[www.deluxematerials.com](http://www.deluxematerials.com)



### Two component glue and instant adhesive for Evacast, Polyester, Lexan and Brass



Pattex Power Epoxy  
2 component glue  
[www.pattex.com](http://www.pattex.com)



LOCTITE 401 instant adhesive  
[www.loctite.com](http://www.loctite.com)



### Rubber glue



BISON Rubber Glue  
[www.bison.nl](http://www.bison.nl)  
[www.bison.be](http://www.bison.be)

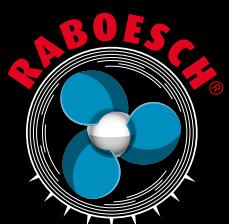


Pattex Special Rubber Glue  
[www.pattex.com](http://www.pattex.com)



Deluxe Roket Cyano Glue Gel AD69  
[www.deluxematerials.com](http://www.deluxematerials.com)

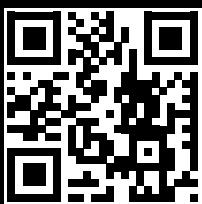




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