

International Standard



4050/2

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Shipbuilding — Inland vessels — Anchors — Part 2 : Matrosov anchors

Construction navale — Bateaux de navigation intérieure — Ancres — Partie 2 : Ancres Matrosov

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Foreword

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Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 4050/2 was developed by Technical Committee ISO/TC 8, *Shipbuilding*, and was circulated to the member bodies in November 1978.

It has been approved by the member bodies of the following countries :

Austria	France	Korea, Rep. of
Belgium	India	Poland
Bulgaria	Ireland	Romania
Chile	Italy	Turkey
China	Japan	USSR
Czechoslovakia	Korea, Dem. P. Rep. of	Yugoslavia

The member bodies of the following countries expressed disapproval of the document on technical grounds :

Germany, F. R.
United Kingdom

Shipbuilding — Inland vessels — Anchors — Part 2 : Matrosov anchors

1 Scope and field of application

This International Standard specifies the main characteristics of Matrosov anchors used in vessels for inland waterways.

2 Classification

Depending on the method of manufacture, Matrosov anchors fall into two types :

- A — cast steel;
- B — welded.

3 Dimensions and technical requirements

The main dimensions and technical characteristics of Matrosov anchors are given in figures 1 and 2 and in tables 1 and 2.

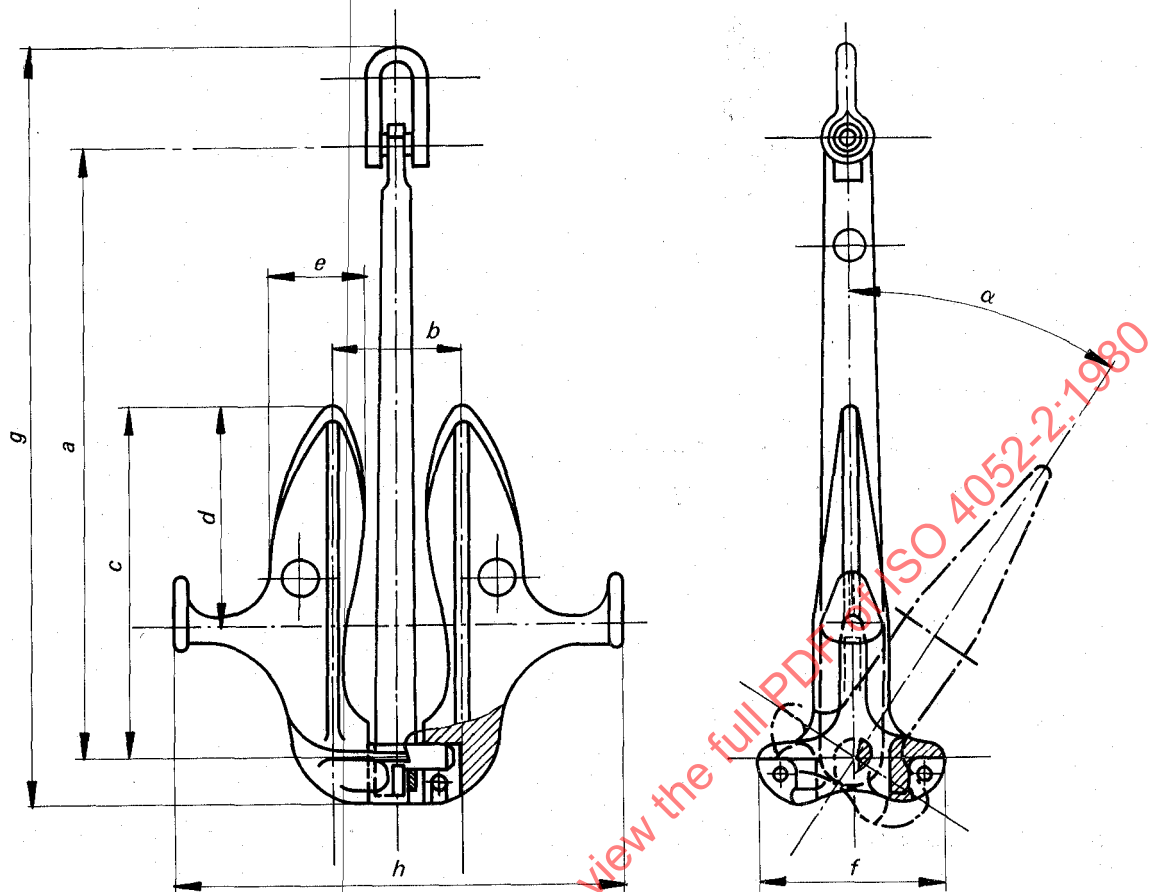


Figure 1 — Matrosov anchor, type A

Table 1 — Matrosov anchor, type A

Dimensions in millimetres

Mass kg	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>h</i>	α°
50	840	170	480	320	156	250	1 045	680	30 to 32
75	950	190	540	360	165	270	1 175	770	
100	1 060	210	590	395	175	290	1 290	830	
125	1 130	226	630	420	186	310	1 380	870	
150	1 190	242	670	445	199	330	1 450	910	
200	1 300	270	740	495	203	370	1 585	980	
250	1 390	294	800	535	217	400	1 700	1 040	33 to 37
300	1 480	312	850	565	239	430	1 820	1 090	
400	1 630	342	930	620	259	480	2 005	1 190	
500	1 750	366	1 000	665	285	520	2 165	1 280	
750	2 000	418	1 140	756	331	590	2 455	1 450	
1 000	2 170	452	1 240	825	355	630	2 670	1 570	
1 250	2 280	488	1 300	865	372	660	2 820	1 660	
1 500	2 370	515	1 350	898	381	675	2 950	1 715	

NOTE — Tolerances of $\pm 3\%$ on general dimensions and $+12\%$ (-4%) on mass are allowed by agreement with classification societies.

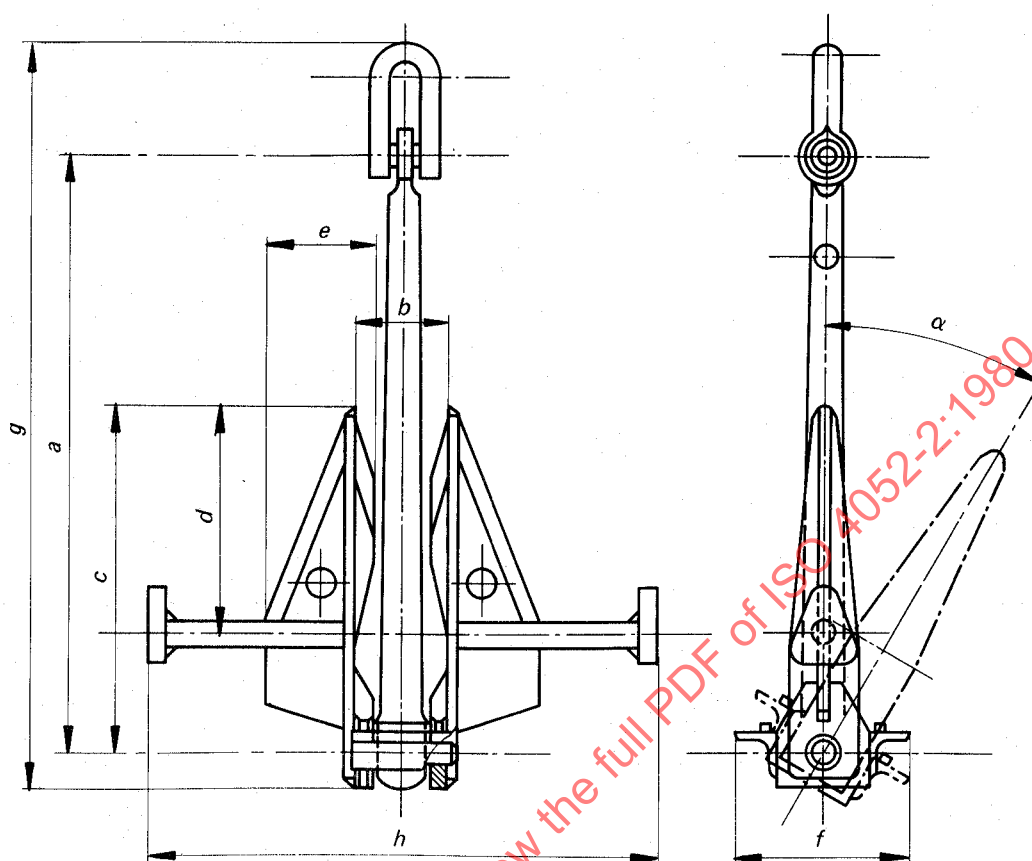


Figure 2 — Matrosov anchor, type B

Table 2 — Matrosov anchor, type B

Dimensions in millimetres

Mass kg	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>h</i>	α°
25	690	110	385	255	120	190	840	570	28 to 30
50	840	136	480	320	142	255	1 045	680	
75	950	160	540	360	166	270	1 180	770	30 to 32
100	1 060	174	590	395	180	302	1 300	830	

NOTE — Tolerances of $\pm 3\%$ on general dimensions and $+12\%$ (-4%) on mass are allowed by agreement with classification societies.

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