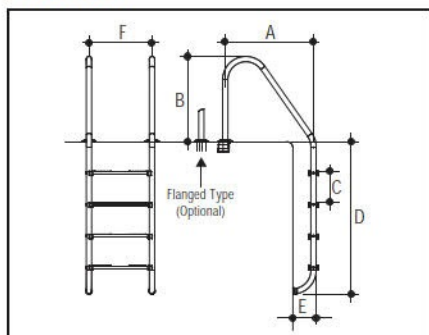
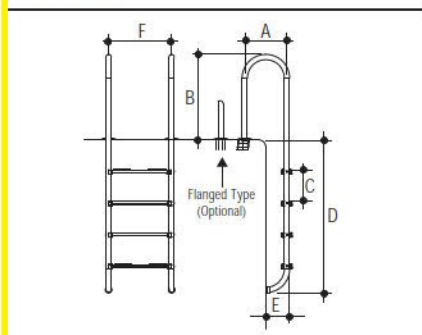


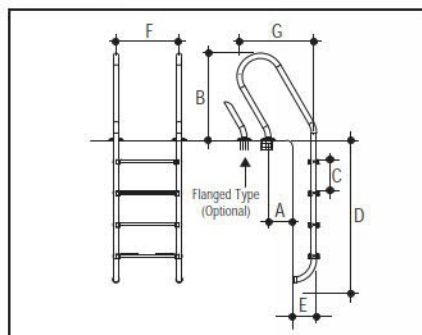
Pool Ladders


STANDARD


Number of Treads	A	B	C	D	E	F
2	700	690	250	700	190	500
3	700	690	250	950	190	500
4	700	690	250	1200	190	500
5	700	690	250	1450	190	500


'U' MODEL


Number of Treads	A	B	C	D	E	F
2	330	670	250	700	190	500
3	330	670	250	950	190	500
4	330	670	250	1200	190	500
5	330	670	250	1450	190	500


COMBINED


Number of Treads	A	B	C	D	E	F	G
2	210	690	250	630	190	500	640
3	210	690	250	880	190	500	640
4	210	690	250	1130	190	500	640
5	210	690	250	1380	190	500	640

500 mm width. The treads are made of AISI 316 grade stainless steel and feature anti-slip surface. The handrails are made of Ø42 mm AISI 316 grade polished stainless steel pipe. Complete with plastic anchors, anchor escutcheons, end caps, bolts and nuts.

STANDARD 316 MODEL WITH STAINLESS STEEL TREADS.

Description	Code	Pieces/box	Weight Kg	Volume m ³
• With 2 Stainless Steel Treads	0312111	1	10,600	0,122
• With 3 Stainless Steel Treads	0312112	1	12,300	0,122
• With 4 Stainless Steel Treads	0312113	1	13,700	0,122
• With 5 Stainless Steel Treads	0312114	1	15,200	0,139

U 316 MODEL WITH STAINLESS STEEL TREADS.

Description	Code	Pieces/box	Weight Kg	Volume m ³
• With 2 Stainless Steel Treads	0312221	1	9,200	0,071
• With 3 Stainless Steel Treads	0312222	1	10,600	0,071
• With 4 Stainless Steel Treads	0312223	1	12,200	0,071
• With 5 Stainless Steel Treads	0312224	1	13,500	0,079

COMBINED 316 MODEL WITH STAINLESS STEEL TREADS.

Description	Code	Pieces/box	Weight Kg	Volume m ³
• With 2 Stainless Steel Treads	0312311	1	10,100	0,118
• With 3 Stainless Steel Treads	0312312	1	11,600	0,118
• With 4 Stainless Steel Treads	0312313	1	13,200	0,118
• With 5 Stainless Steel Treads	0312314	1	14,700	0,118



ENGLISH

- 1- Assemble the ladder into the anchors and embed into the concrete
- 2- Assemble the ladder, positioning the treads and fixing same by means of the corresponding screws, nuts and washers.
- 3- Assemble the hand rail bungs to prevent the ladder from damaging pool liner.
4. When the ladder is assembled, insert into the anchors, having previously put the escutcheons on the hand rail. Fix the ladder in place by tightening the fixing plug and putting the escutcheons in place to cover the ladder anchors.
- 5- During the winter months we recommend that the ladder is disassembled and cleaned for longer life.

FRANÇAIS

- 1- Sceller les ancrages dans le béton avec l'échelle mise en place
- 2- Monter l'échelle plaçant les marches et en les fixant avec les vis écrous et rondelles correspondants.
- 3- Monter les butoirs de la rampe pour éviter que l'échelle ne puisse endommager le sol en mosaïque de la piscine.

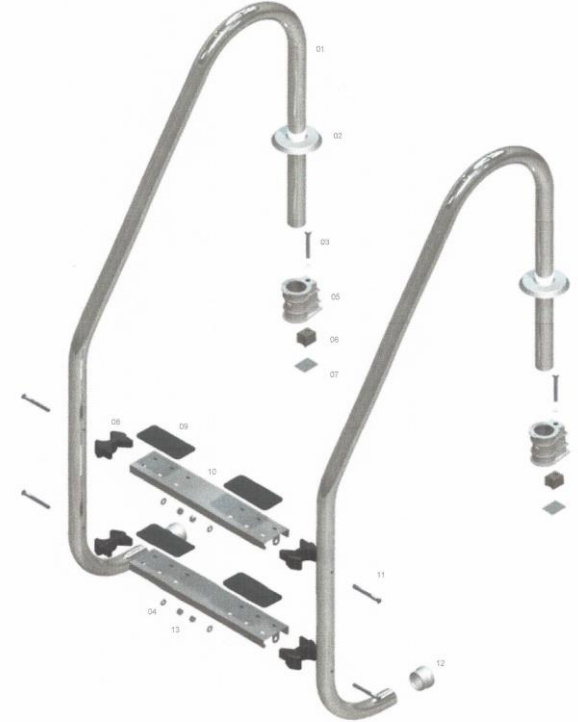
INSTRUCTIONS FOR THE ASSEMBLY AND INSTALLATION OF LADDERS / MONTAGE ET INSTALLATION ECHELLES / HAVUZ MERDİVENİ MONTAJ TALİMATI

4- Une fois l'échelle montée la mettre dans les ancrages en veillant à ce que les enjoliveurs aient été placés antérieurement, fixer l'échelle en serrant le vis de la cheville de fixation et placer les enjoliveurs qui recouvriront le système de fixation de l'échelle sur la rampe.

5- Il est conseillé de démonter et de nettoyer l'échelle pendant la période d'hivernage afin que celle-ci reste en bon état.

TÜRKÇE

- 1- Ölçü almak için ankrajı merdivene monteleyin ve betonu işaretleyerek ankrajlar arası mesafeyi belirleyin.
- 2- Basamakları yönlerini ayarlayarak vida, somun ve pullarını kullanarak monteleyin.
- 3- Havuz kaplamasına zarar vermemesi için merdivenin ucu açık borularına kör tapalarını takın.
- 4- Merdivenin montajını yaptıktan sonra ankraja takmadan önce rozetleri tutamaklara geçirin ve merdiveni ankraja sabitleyin ve rozet ile ankrajın üstünü kapatın.
- 5- Uzun ömür için kış aylarında merdivenin sökülüp temizlenmesi önerilir.



#	Code	Spare Part
01	0311101	STD. POOL LADDER ARM, 2 TREADS (AISI 304)
	0312101	STD. POOL LADDER ARM, 2 TREADS (AISI 316)
02	032022	ANCHOR ESCUTCHEON - PLASTIC (PLEASE SEE GEMAS 2010/2011 CATALOGUE.)
	032021	ANCHOR ESCUTCHEON - AISI 304
03	032011	M8x70 INOX SCREW
04	03202	WASHER INOX M8
05	032014	LADDER ANCHOR BODY
06	032013	LADDER ANCHOR BLOCK
07	032015	LADDER ANCHOR BOTTOM LID
08	0320313	INOX LADDER TREAD BODY SIDE PLUG
09	0320312	INOX LADDER TREAD PLASTIC PED
10	0320314	INOX LADDER TREAD BODY
11	03203	INOX TREAD SCREW SPECIAL HEAD M8x70
12	03204	PLASTIC END CAP (PLEASE SEE GEMAS 2010/2011 CATALOGUE.)
13	03205	INOX NUT M8

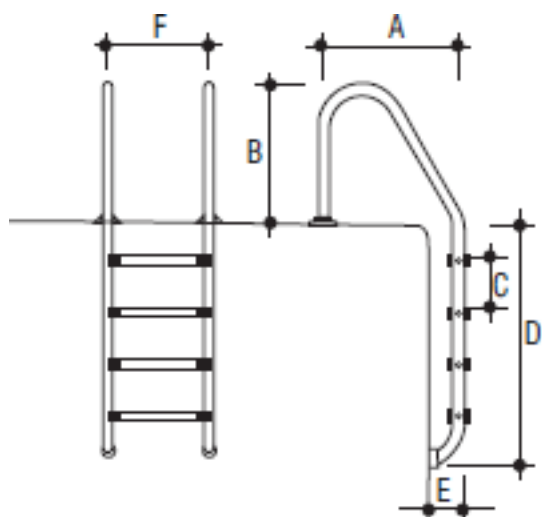
GEMAS STANDARD MODEL LADDERS



TECHNICAL DATA SHEET

"Pool Technology"

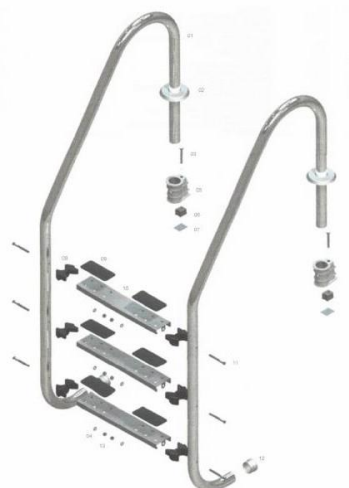
STANDARD 304 and 316 MODEL WITH STAINLESS STEEL TREADS: 500 mm width. Treads in AISI 304 and 316 quality stainless steel and anti-slip. Handrails made of Ø 42 mm pipe are in AISI 304 and 316 quality polished stainless steel. Complete with plastic anchors, anchor escutcheons, end caps, bolts and nuts.



Number of Treads	A	B	C	D	E	F
2	700	650	250	650	180	500
3	700	650	250	900	180	500
4	700	650	250	1150	180	500
5	700	650	250	1400	180	500

MODEL NAME	MODEL CODE
STANDARD 304 MODEL WITH STAINLESS STEEL TREADS. With 2 Stainless Steel Treads	0311111
STANDARD 304 MODEL WITH STAINLESS STEEL TREADS. With 3 Stainless Steel Treads	0311112
STANDARD 304 MODEL WITH STAINLESS STEEL TREADS. With 4 Stainless Steel Treads	0311113
STANDARD 304 MODEL WITH STAINLESS STEEL TREADS. With 5 Stainless Steel Treads	0311114
STANDARD 316 MODEL WITH STAINLESS STEEL TREADS. With 2 Stainless Steel Treads	0312111
STANDARD 316 MODEL WITH STAINLESS STEEL TREADS. With 3 Stainless Steel Treads	0312112
STANDARD 316 MODEL WITH STAINLESS STEEL TREADS. With 4 Stainless Steel Treads	0312113
STANDARD 316 MODEL WITH STAINLESS STEEL TREADS. With 5 Stainless Steel Treads	0312114

Spare Parts



Part No	Code	Description	2 Ladder	3 Ladder	4 Ladder	5 Ladder
01		STD, POOL LADDER ARM (AISI 304 or 316)	2	3	4	5
02	032022	ANCHOR ESCUTCHEON - PLASTIC	2	2	2	2
	032021	ANCHOR ESCUTCHEON - AISI 304	2	2	2	2
03	032011	M8X70 INOX SCREW	2	2	2	2
04	03202	WASHER INOX M8	6	8	10	12
05	032014	LADDER ANCHOR BODY	2	2	2	2
06	032013	LADDER ANCHOR BLOCK	2	2	2	2
07	032015	LADDER ANCHOR BOTTOM LID	2	2	2	2
08	0320313	INOX LADDER TREAD BODY SIDE PLUG	4	6	8	10
09	0320312	INOX LADDER TREAD PLASTIC PED	4	6	8	10
10	0320314	INOX LADDER TREAD BODY	2	3	4	5
11	03203	INOX TREAD SCREW SPECIAL HEAD M8X70	4	6	8	10
12	03204	PLASTIC END CAP	2	2	2	2
13	03205	INOX NUT M8	4	6	8	10



EC DECLARATION OF CONFORMITY (AT UYGUNLUK BEYANI)

**Manufacturer
(Üretici)**

**: GEMAŞ GENEL MÜH. MEKANİK SAN. VE
TİC. A.Ş.**
Mimar Sinan Mah. Yasemin Sok. No:16 Kemerburgaz
İSTANBUL-TÜRKİYE

**Product Description :
(Ürün Tanımı)**

POOL LADDERS, HANDRAILS

**Applied Standarts
(Uygulanan Standart)**

: EN ISO 16582-1 (Domestic swimming pools - Part 1:
General requirements including safety and test
methods)
EN ISO 16582-2 (Domestic swimming pools - Part 2:
Specific requirements including safety and test
methods for inground pools)
EN ISO 16582-3 (Domestic swimming pools - Part 3:
Specific requirements including safety and test
methods for aboveground pools)

**Date of Marking
(Markalama Tarihi)**

: 16.06.2019

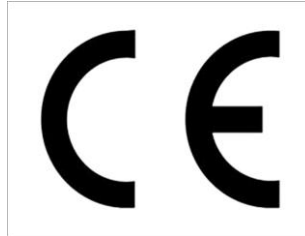
**Valid Until
(Geçerlilik Tarihi)**

: 16.06.2021

**Declaration No
(Beyan Numarası)**

: GEMAS/ 2019-001-P.01-16.06.2019

We hereby declare that above mentioned products are in compliance with European Directive For Pool Accesories.



Mehmet Demir
Quality Engineer

İstanbul/TÜRKİYE
June , 2019

