

BODURSAN®

Shipping Agency & Technical Supply Services Ltd. Şti.

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PARTE 1 : MARINE MOORING SYSTEM

MOCK - GATERAS



1



PANAMA 2



PANAMA 3



4



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7

E ROLLERS – MARINE FAIRLEAD - GUIAS CABLES Y ESPIAS



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8

CHAIN STOPPER - FRENOS CADENA





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8

ROPES - ESPIAS

Polypropylene Rope



Manila Rope



Marine nylon altas rope



Double ply Rope



6 strand polyamide Rope



Filament 6 ply Rope

High Polyester and polypropylene Rope



Strand Rope



High Strength Polypropylene And Polyester Mixed Rope

polyethylene



Strand Weaving



Cotton



Winch Rope



on



Double Braided –
Doble trenzado



UHMW-PE Strand Rope



Polyester Rope

ANCHORS

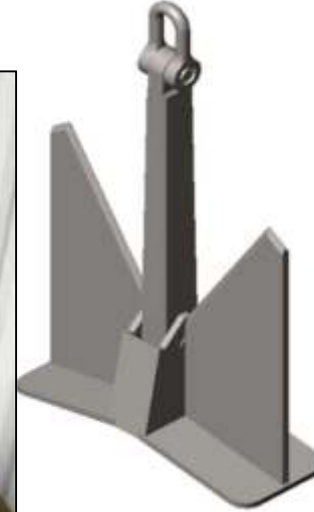
Hall Anchor



Pool Anchor Type N



Pool Anchor Type TW 95 type Spek Anchor



ANCHORS

Shackless Anchor



M Type Spek Anchor



AC-14 HHP Anchor



Delta Flipper Anchor



ANCHORS



Fluke Anchor
0~60000kgs



Stevin Anchor
1000~30000kgs



Stingray Anchor
customized



Japan Stock Anchor
500~8000kgs



Bruce Anchor
2~50kgs



Anchor
20kgs



Five-Claw Anchor
0.5~20kgs



Four-Claw Anchor
1~20kgs



Folding Anchor
2~50kgs



Mushroom Anchor
2~100kgs

CHAIN CABLES - CADENAS



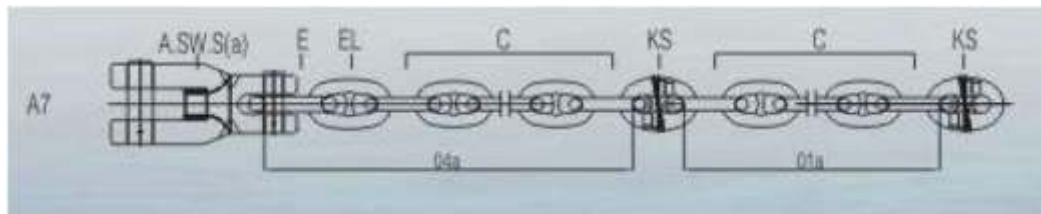
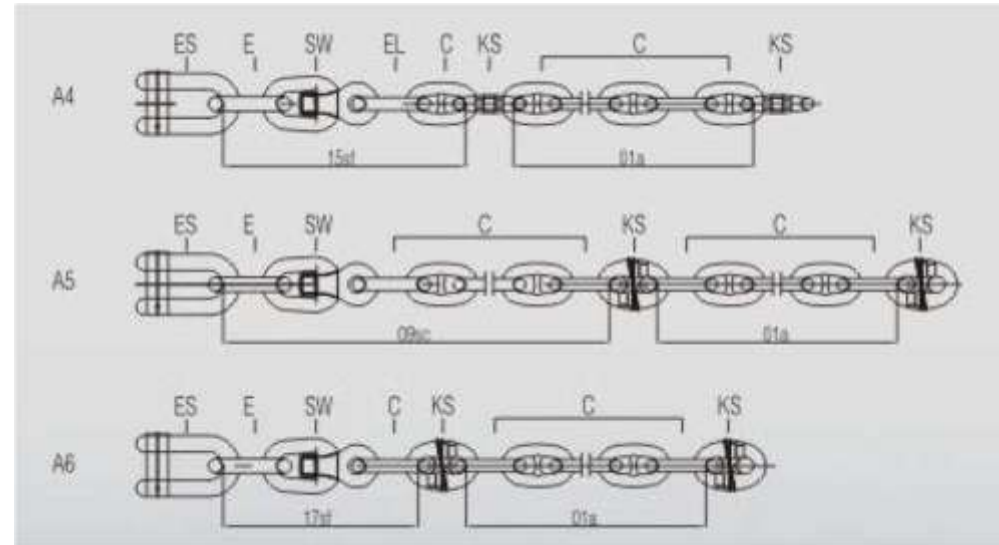
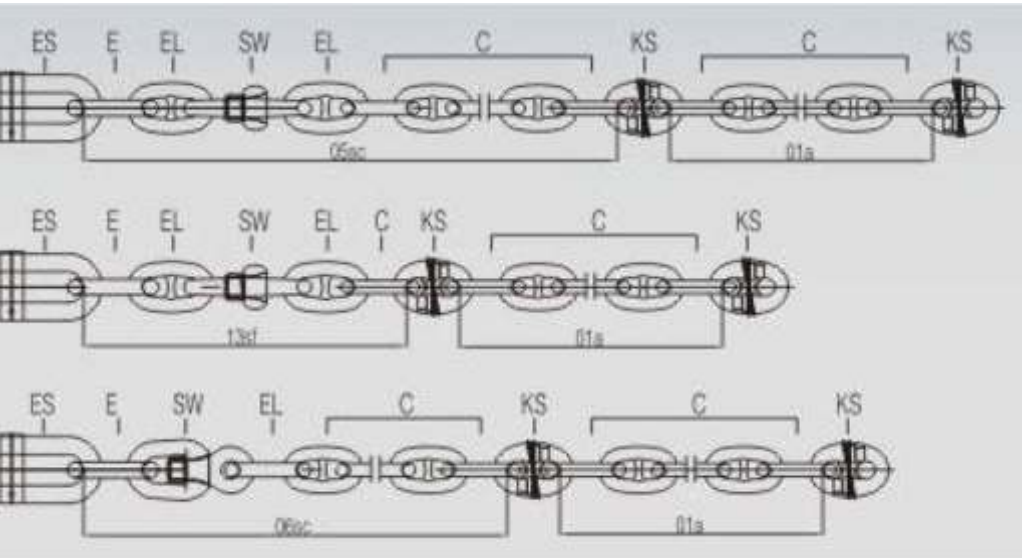
Shipping Agency & Technical Supply Services Ltd. Şti.



Chain Diameter	R3		R3S			R4		
	Stud/Studless Pull Load	Breaking Load	Studless Link Pull Load	Stud Link Pull Load	Breaking Load	Studless Link Pull Load	Stud Link Pull Load	Breaking Load
42	1119	1599	1248	1291	1786	1377	1549	1965
44	1223	1748	1364	1411	1952	1505	1693	2148
46	1331	1903	1485	1536	2124	1639	1843	2338
48	1444	2064	1610	1666	2304	1777	1999	2536
50	1560	2230	1740	1800	2490	1920	2160	2740
52	1681	2403	1875	1940	2683	2069	2327	2953
54	1806	2581	2014	2083	2882	2222	2500	3171
56	1934	2764	2157	2231	3086	2380	2677	3396
58	2066	2953	2304	2384	3297	2543	2860	3628
60	2202	3147	2456	2541	3514	2710	3049	3867
62	2342	3347	2612	2702	3737	2882	3242	4112
64	2485	3552	2771	2867	3966	3058	3440	4364
66	2632	3762	2935	3036	4200	3239	3644	4622
68	2782	3977	3103	3210	4440	3424	3852	4886
70	2936	4196	3274	3387	4686	3613	4065	5156
73	3173	4535	3539	3661	5064	3905	4393	5572
76	3417	4885	3812	3943	5454	4206	4731	6002
78	3584	5124	3998	4136	5721	4411	4963	6295
81	3841	5490	4284	4432	6130	4727	5318	6746
84	4104	5866	4578	4735	6550	5051	5682	7028
87	4374	6252	4879	5047	6981	5383	6056	7682
90	4651	6648	5187	5366	7423	5724	6439	8168
92	4838	6916	5397	5583	7723	5955	6699	8498
95	5125	7326	5717	5914	8180	6308	7096	9002
97	5320	7604	5934	6138	8491	6547	7366	9343
100	5616	8028	6264	6480	8964	6912	7776	9864
102	5817	8316	6489	6712	9285	7160	8055	10217
105	6123	8753	6830	7065	9774	7536	8478	10755
107	6330	9049	7061	7304	10104	7791	8765	11118
111	6751	9650	7530	7789	10775	8309	9347	11857

CHAIN CABLES - CADENAS

ARRANGEMENT ANCHOR CHAIN CABLES



Chain Swivel – Destorcedor cadenas



2



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CHAIN CABLES - CADENAS



Standard aluminio 15 m



**ACCOMMODATION LADDERS - ESCALAS
DE ACCESO**



Telescopica





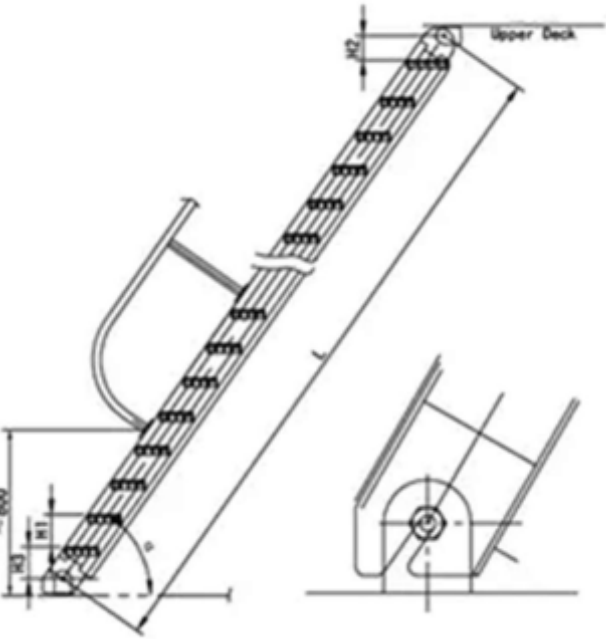
ESCALA DE EMBARQUE
CON JARCIA



ESCALA PRACTICOS



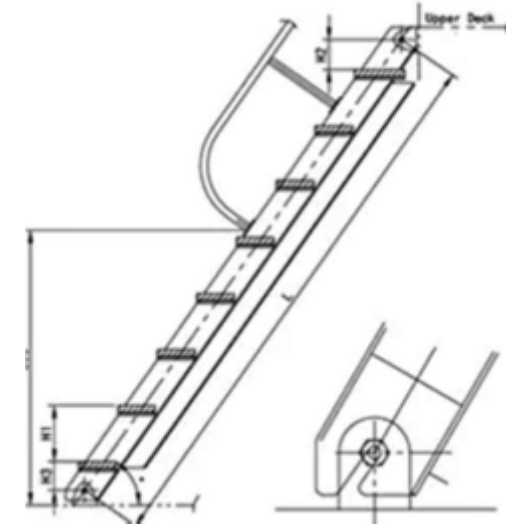
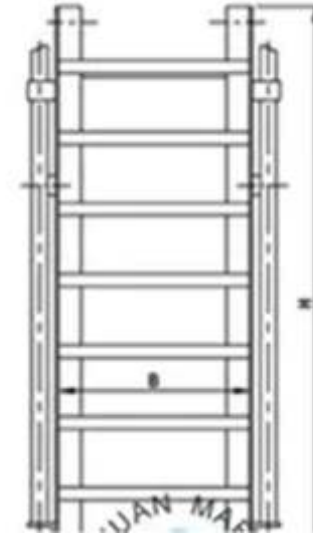
ALUMINIUM PILOT
LADDER



Model C&Cf Engine Room Marine Inclined L

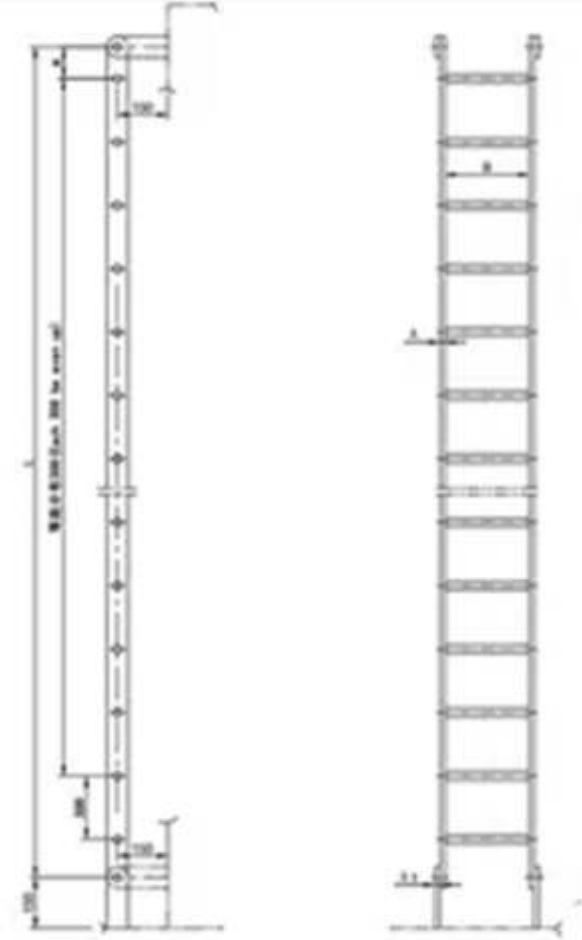
Origin: Made in China
Length: As per customer's required
Width: 450-750mm
Gradient: 55-65 Degree
Cf: f means with dust guard plate
Material: Steel

Gradient α (°)	Width B
55	600
60	600
65	750



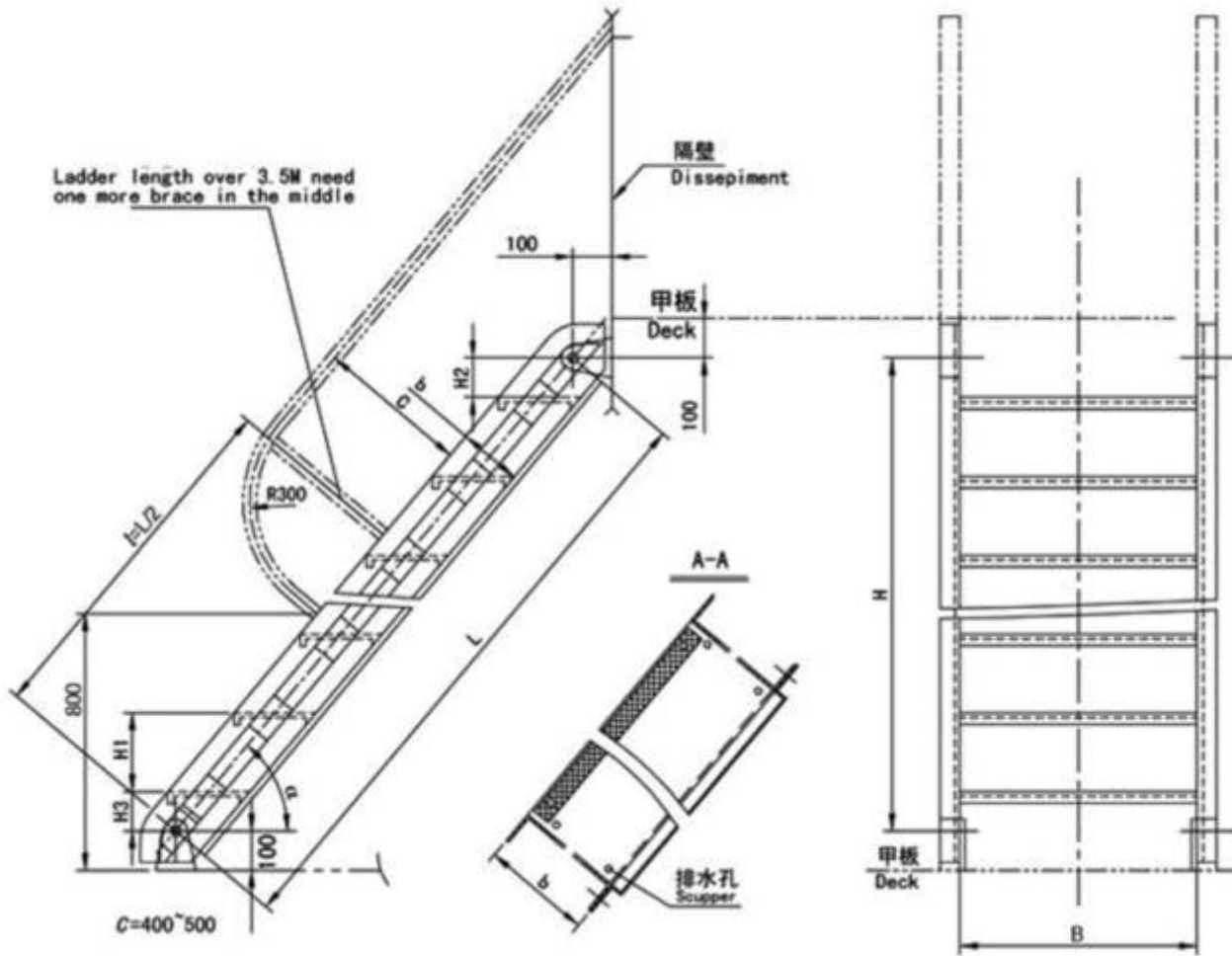
ISO Standard Marine Steel And Aluminum Vertical

This Steel Vertical Ladder is in compliance with the requirements standard ISO3797-76, and to be used on board for a ship



No.	Step Quantity	Length L	Width H		Ladder Frame Thickness δ δ1		Weight(kg)						
							(Model A)			(Model B)			(Model C)
			mm				Φ20	Φ20	Φ22	□20	□20	□22	Φ22
1	2	600	150	8	10	10.9	11.1	11.8	11.3	11.6	12.5	8.7	10.0
2	3	800	100	8	10	13.3	13.6	14.6	13.9	14.4	15.7	10.0	11.3
3	3	1000	200	8	10	14.9	15.3	16.3	15.5	16.0	17.4	10.9	12.2
4	4	1200	150	8	10	17.3	17.8	19.1	18.1	18.8	20.6	12.2	13.6
5	5	1400	100	8	10	19.7	20.3	22.0	20.7	21.5	23.8	13.6	15.0
6	5	1600	200	8	10	21.3	21.9	23.6	22.4	23.2	25.4	14.4	15.8
7	6	1800	150	8	10	23.7	24.5	26.5	24.8	25.9	28.7	15.7	17.1
8	7	2000	100	8	10	26.1	27.0	29.3	27.6	28.7	31.9	17.0	18.4
9	7	2200	200	8	10	27.8	28.6	30.9	29.2	30.3	33.5	18.1	19.5
10	8	2400	150	8	10	30.2	31.2	33.8	31.8	33.1	36.7	19.4	20.8
11	9	2600	100	8	10	34.6	35.7	38.9	36.5	37.9	41.1	20.7	22.1
12	9	2800	200	8	10	36.2	37.3	40.3	38.1	39.5	43.6	21.6	23.0
13	10	3000	150	10	12	38.6	39.9	43.2	40.7	42.3	46.9	22.9	24.3
14	11	3200	100	10	12	41.0	42.2	46.0	43.3	45.0	50.1	24.2	25.6
15	11	3400	200	10	12	42.7	44.0	47.7	44.9	46.7	51.7	25.1	26.5

ROPE LADDER /PILOT LADDER - ESCALA DE JARCIA / PRACTICO



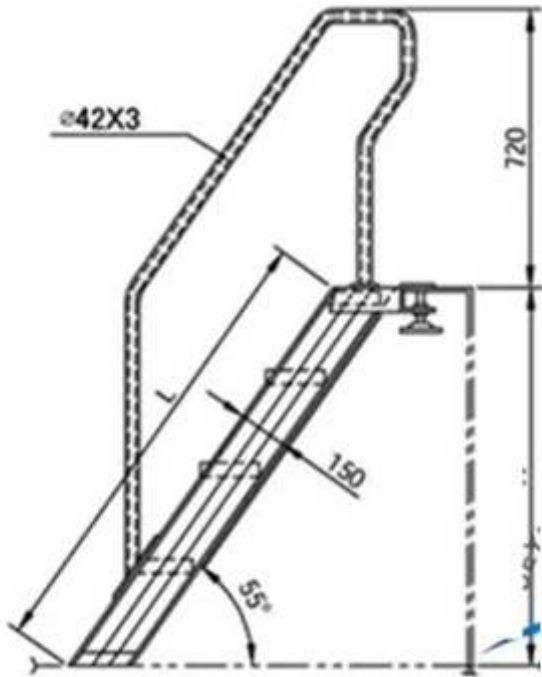
Drawing of Marine Steel Inclined Ladder

Type	Inclination (α)	B (mm)	H (mm)	L (m)
A & B	45°	700, 800	400-3500	283-4
	50°, 55°, 60°	500, 600	400-3400	261-3
		700, 800	400-4400	261-4
	65°, 70°	400, 500, 600	500-3500	331-3

MARINE INCLINED LADDER

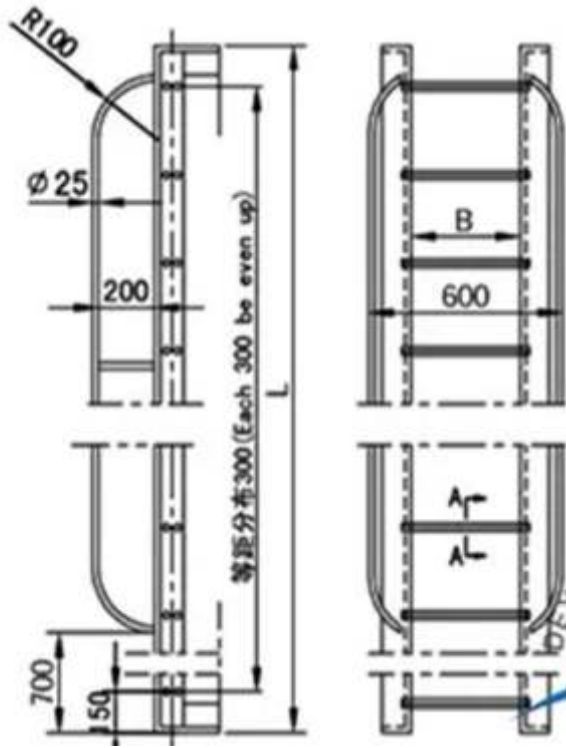


Aluminium Bulwark Ladder



Model	Title	H	L	Weight(kg)
B	Aluminium Bulwark Ladder	1100	1340	28
		1200	1470	29

ROPE LADDER /PILOT LADDER - ESCALA DE JARCIA / PRACTICO



Step Quantity	Length L	Weight(kg)				
		A		B		C
		B=300	B=400	B=300	B=300	B=300
4	1200	50.3	53.3	29.1	30.6	-
5	1500	67.3	70.8	35.0	36.9	-
6	1800	79.7	84.3	39.9	42.6	-
7	2100	92.1	97.4	42.8	49.5	74.1
8	2400	104.5	110.6	52.8	55.8	84.1
9	2700	122	128.8	61.3	64.8	97.5
10	3000	134.4	142	67.3	70.6	107.0
11	3300	146.5	154.9	73.2	77.4	116.7
12	3600	159.2	168.3	79.1	83.7	126.2
13	3900	171.3	181.2	85.0	90.0	135.9
14	4200	183.8	194.4	91.0	96.2	145.4
15	4500	196.1	207.5	96.9	102.6	155.1
16	4800	208.5	220.7	102.8	108.8	164.6
17	5100	226	236.9	113.4	119.9	175.7
18	5400	238.2	251.9	119.4	126.2	185.1

Model	Title	Ladder Material Specification	Width
A	Oil Tank Vertical Ladder	L 100X80X10	300, 400
B	Cargo Hold Angle Steel Vertical Ladder	L 80X50X8	300, 400
C	Bulk-flat Steel Cargo Hold Vertical Ladder	r 140X35X9	400



Model A Cargo Hold Inclined Ladder

No.	Hc	Size				Step Quantity	Weight(kg)			
		L		H	H1		60°		65°	
		60°	65°				B=450	B=600	B=450	B=600
1	1500	1552	1552	1350	150	5	65	70	63	69
2	1650	1724	1648	1500	50	6	73	80	71	78
3	1800	1897	1813	1650	200	6	78	85	76	83
4	2000	2126	2033	1850	150	7	88	96	86	94
5	2200	2356	2253	2050	100	8	98	108	96	105
6	2400	2586	2473	2250	50	9	109	119	105	116
7	2600	2816	2692	2450	250	9	115	125	112	122
8	2800	3046	2912	2650	200	10	125	137	122	133
9	3000	3276	3132	2850	150	11	157	170	152	165
10	3200	3506	3352	3050	100	12	169	183	164	177
11	3400	3736	3571	3250	50	13	181	196	175	190
12	3600	3966	3791	3450	250	13	189	204	183	197
13	3800	4195	4011	3650	200	14	200	216	194	210
14	4000	4425	4231	3850	150	15	212	229	205	222
15	4200	4655	4451	4050	100	16	262	280	217	235
16	4400	4885	4670	4250	50	17	275	295	266	285
17	4600	5115	4890	4450	250	17	285	305	276	295

ROPE LADDER /PILOT LADDER - ESCALA DE JARCIA / PRACTICO

MARINE VERTICAL
STAIRCVC



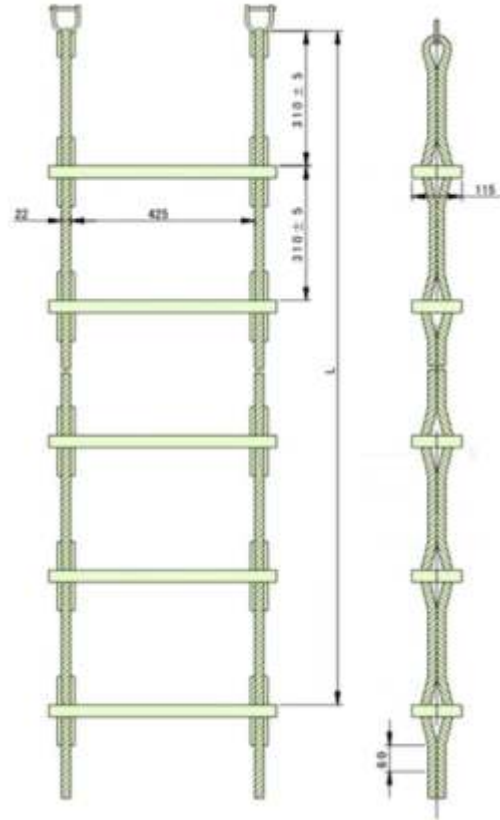
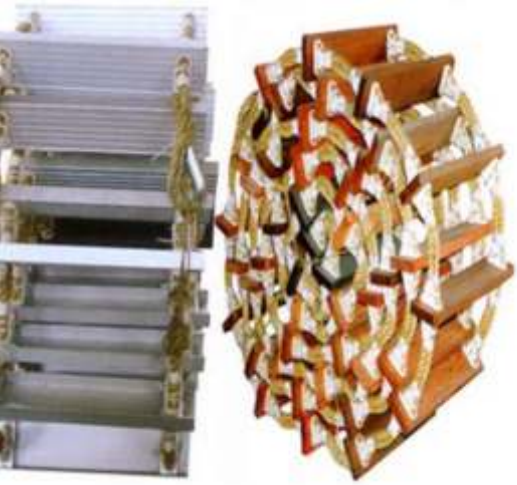
MARINE INCLINED
STAIR



MARINE VERTICAL SS
STAIR



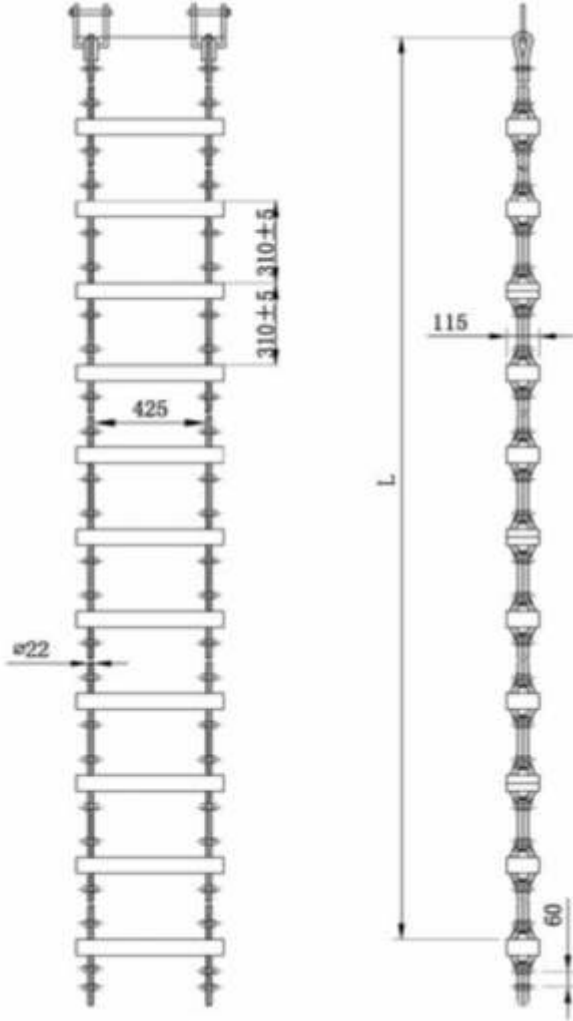
ROPE LADDER /PILOT LADDER - ESCALA DE JARCIA / PRACTICO



Drawing of Aluminum Embarkation Rope Ladder (Type A)

Type	Number of steps n	Length of rope ladder L (mm)	Weight (kg)
A	10	3100	25.86
	15	4650	33.47
	20	6200	41.08
	25	7750	48.69
	30	9300	56.30
	35	10850	63.91
	40	12400	71.52
	45	13950	79.13
	50	15500	86.74
	55	17000	94.35
60	18500	101.96	
	n+5	L+1500	+7.61

ROPE LADDER /PILOT LADDER - ESCALA DE JARCIA / PRACTICO



Drawing of Wooden Embarkation Rope Ladder (Type B)

Type	Number of steps n	Length of rope ladder L (mm)	Weight (kg)
B	10	3100	31.56
	15	4650	43.92
	20	6200	56.27
	25	7750	68.64
	30	9300	81.00
	35	10850	93.36
	40	12400	105.72
	45	13950	118.08
	50	15500	130.44
	55	17000	142.86
	60	18500	155.16
	n+5	L+1500	+12.36

ROPE LADDER /PILOT LADDER - ESCALA DE JARCIA / PRACTICO

MARINE PILOT LADDER



No of Step	No of Twist prevention board	Position of twist prevention board	L(mm)	L1(mm)	Weight(kg)
6	1	the 5th board	1860	1550	22
7			2170	1860	25
8			2480	2170	28
9			2790	2480	31
10			3100	2790	34
11			3410	3100	37
12			3720	3410	40
13	2	the 5th and 12th boards	4030	3720	43
14			4340	4030	52
15		the 5th and 13th boards	4650	4340	55
16			4960	4650	58
17			5270	4960	61
18			5580	5270	64
19			5890	5580	67
20	3	the 5th and 14th boards	6200	5890	70
21			6510	6200	73
22		6820	6510	76	
23		the 5th,14th and 21st boards	7130	6820	86
24			7440	7130	89
25		the 5th,14th and 22nd boards	7750	7440	92
26			8060	7750	95
27	8370		8060	98	
28	8680		8370	101	
29	8990		8680	104	
30	9300		8990	107	



ROPE LADDER /PILOT LADDER - ESCALA DE JARCIA / PRACTICO

Marine Aluminum Foldable Gangway



Specifications:

Full open height	3.7m
Width	38cm
Steps	3x4
Tube size	6.3cmx2.3cm
Folding size	100cmx38cmx27.5cm
Rungs distance	28cm
Net weight	11.2kg
Capacity	150kg

HATCHES - ESCOTILLAS



MANHOLES



1



3



2

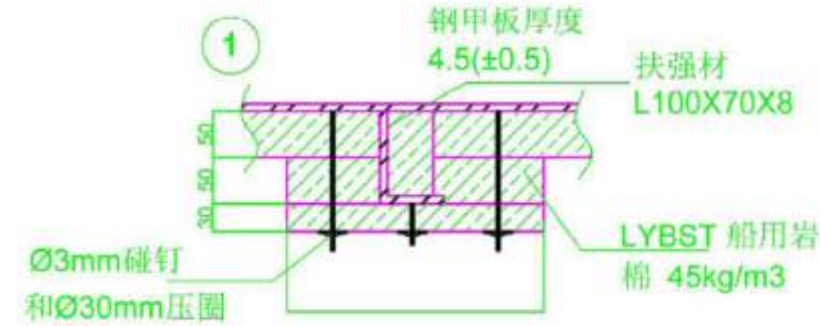


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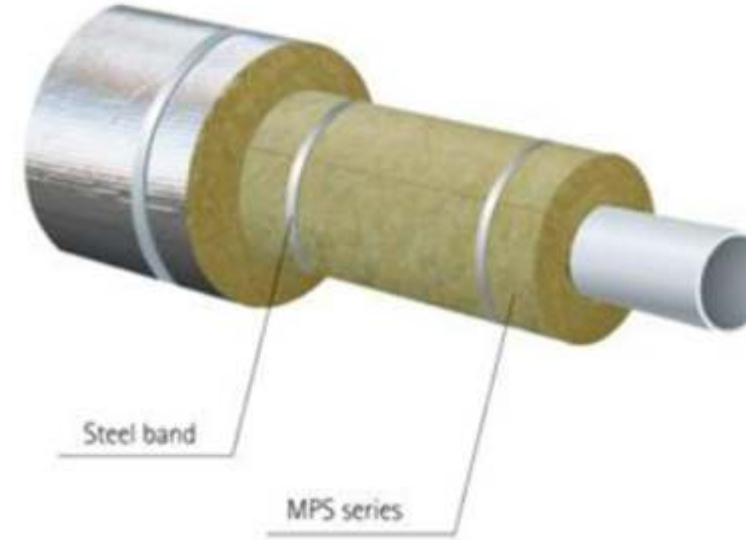
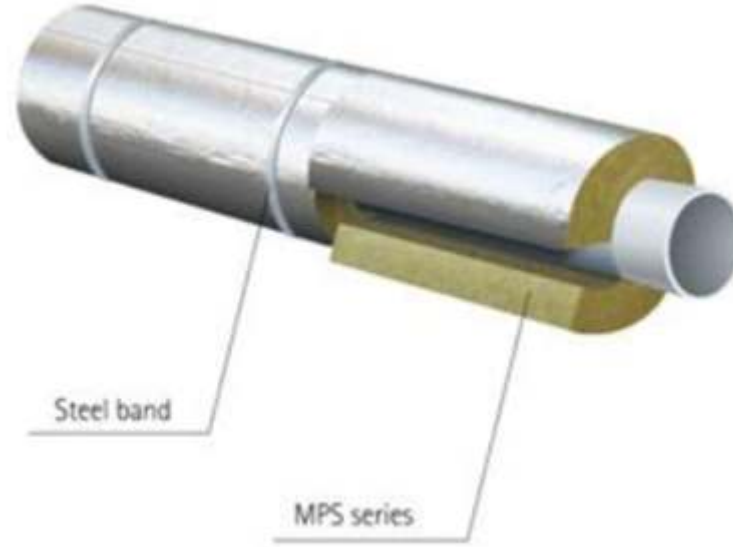


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INSULATION



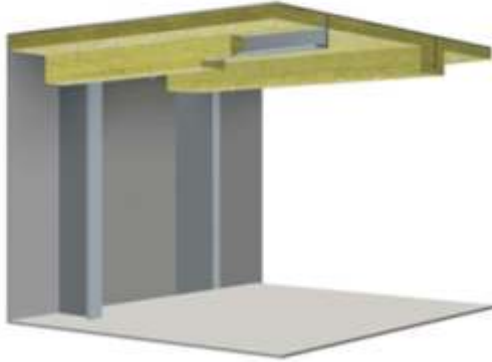
INSULATION



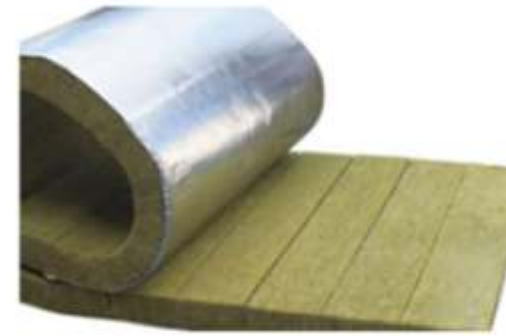
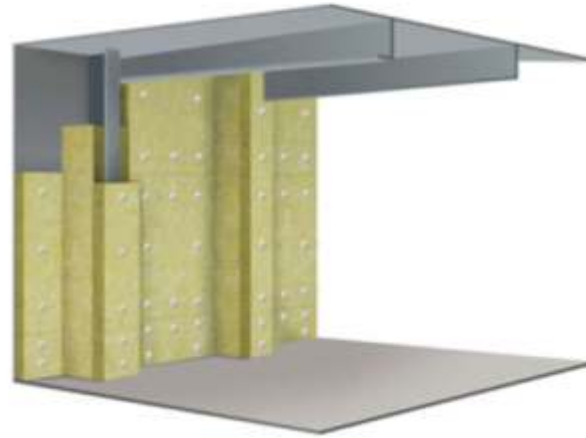
Pipes sections can be applied one single layer without any additional space

INSULATION

A-60 Deck (40)



A-60 Bulkhead (40)



Density kg/m ³	Length	25	40	50	75	80	100
80	m	8	6	5	3	3	3
100	m	8	6	5	3	3	3
120	m	8	6	5	3	3	--

INSULATION



Welding Machine

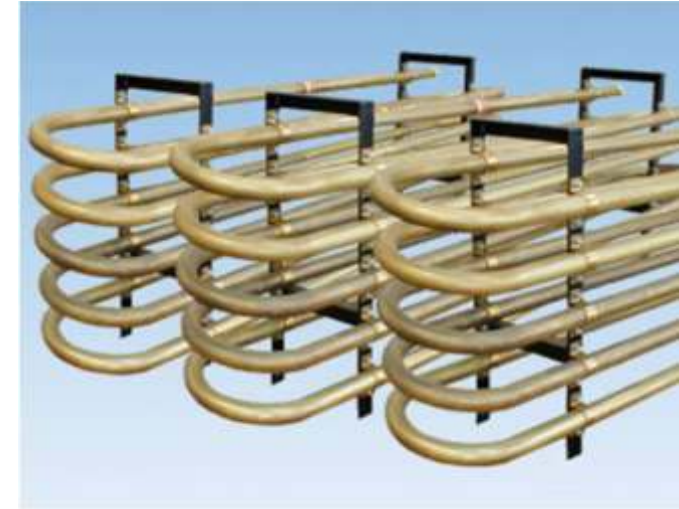


Pines sujecion

Common Specifications	2" 3" 3½" 4" 4½" 5½" 6½" 8½"
Material	Stainless steel, mild steel, Aluminum
Surface Treatment	stainless steel: polishing, Passivation, mild steel: Galvanizing or cooper coating
Product Features	standard weld point, easy welding; pins-soft, easy bend over pins sharp, easy go through any insulation length tolerance ±0.1mm



ENFRIADORES DE QUILLA



SERPNTINES DE CALEFACCION
(HEATING COILS)

Pressure vessels



Estanques de Presion

DAVITS - PESCANTE



1



2



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4



5



6

QUICK RELEASE HOOK



2

3

GANCHOS DE ESCAPE PARA BOTES RESCATE



4

BASAS SALVAVIDAS



BALSAS SALVAVIDAS



1



2



3



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4

CHALECOS SALVAVIDAS

L S A - LIFE SAVING APPLIENCIES / EQUIPOS DE SEGURIDAD

AROS SALVAVIDAS Y SENALES LUMINOSAS



TRAJES DE INMERSION



1



2



3



4

FIRE FIGHTING SUIT – EQUIPOS CONTRA INCENDIO



CAMILLAS DE RESC





CO2



AGUA ALTA PRESION

SISTEMNA DE EXTINCION DE INCENDIO

HOSES - MANGUERAS



MAGUERAS



COPLAS PARA MANGUERAS



1



2



3



4



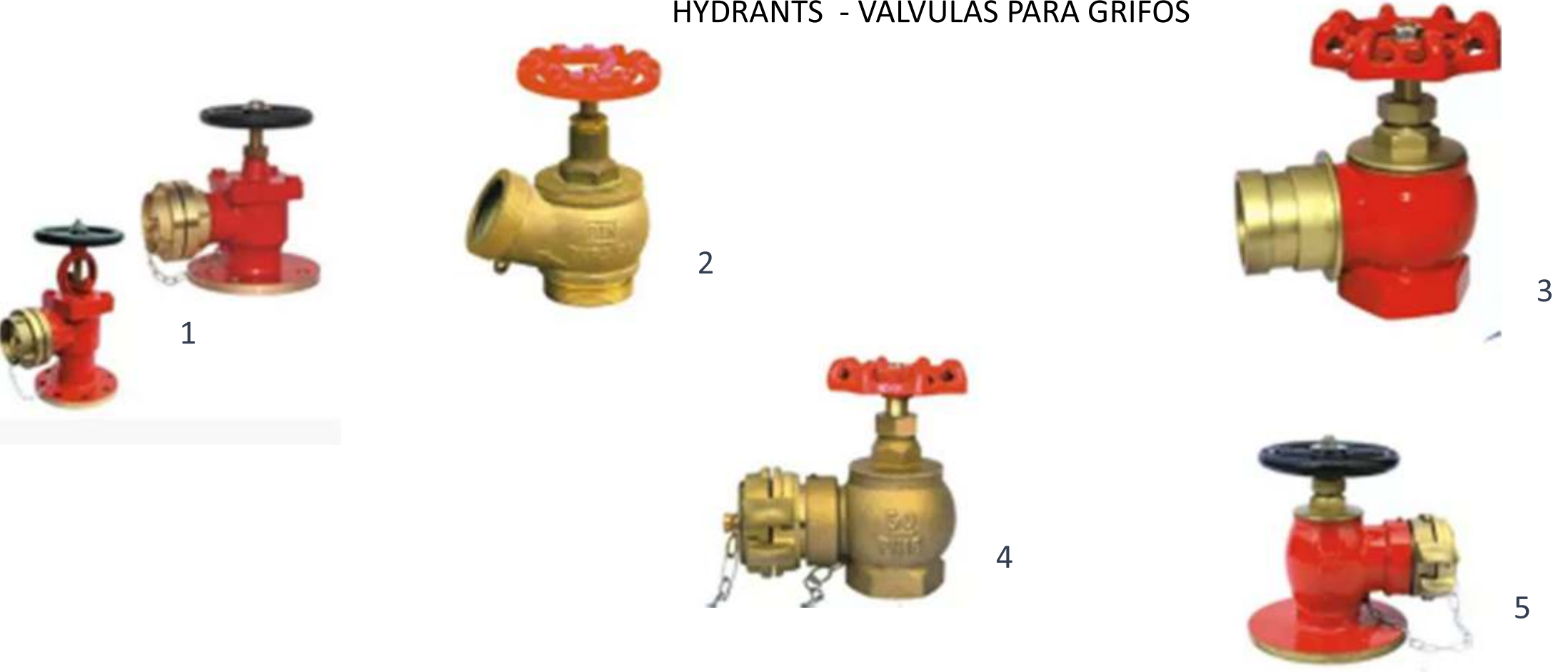
5



6



HYDRANTS - VALVULAS PARA GRIFOS



NOZZLE - TOBERAS



1



2



3



4



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7



8

Fire Extinguisher



1



2



3



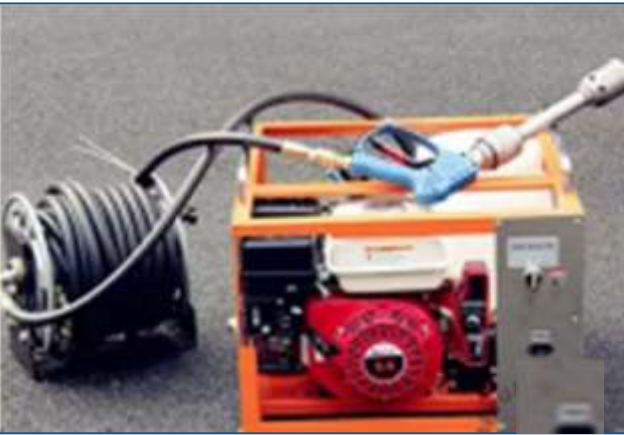
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Polvo Seco
CO2 fire extinguisher

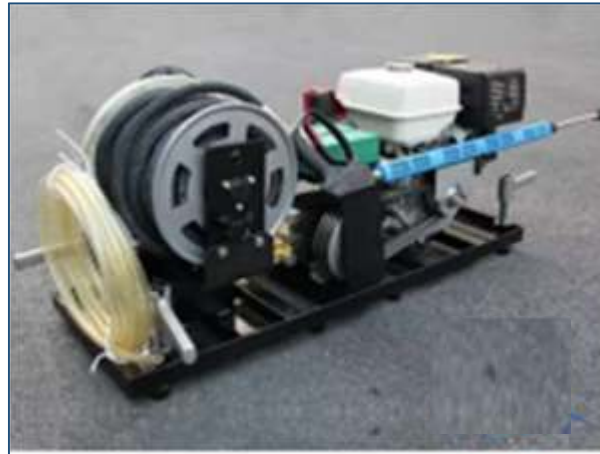


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Water mist System



Unidad portatil de extincion de incendio



Bomba de agua de alta presion movible



Sistema de extincion portatil con Foam

VALVES - VALVULAS

MARINE GATE VALVES



1



2



3



4



VALVULAS DE GLOBO



6



7



8



9



10

VALVES - VALVULAS

CHECK VALVES (VALVULAS NO RETORNO)



1



2



3



4



5



6

VALVES - VALVULAS

SPECIAL VALVES



Sea Valve



quick-closing valve



storm valve



storm valve



cock



ball valve

VALVULAS BUTTERFLY



GALLEY – COCINA MARINA

GALLEY DEVICES – EQUIPOS COCINA



GALLEY – COCINA MARINA

FOOD PROCESSING



Maq. Hielo



1



2



3



WASHING MACHINES - MAQUINAS DE LAVADO





1



2



3



4



5



6

BEDS – CAMAS



1



2



3



4



5



6

FURNITURES

Desk – wooden wardrobe



1



2



4



5



6

FURNITURES

DRIDGE FURNITURES – MUEBLES DE PUENTE



Para
Binoculares



Guardar
banderas



Llavero



Mesa de Cartas

FURNITURES

MARINE WOOD SIDEBOARD



Features:

Fire proof

Water proof

Easy to assembly

Specifications

Multi layer board covered by fire proof board

PVC and wood sealed

Color and size can be customized

FURNITURES

Marine Steel Wardrobe



1



2



3



4

FURNITURES

ADDITIONA CABINET



1



2



3



4

FURNITURES

MARINE STEEL MEDICINE LOCKER



Made in steel, tiene cajones considerado con llave y tres espacios para mantener vasos con leche la base superior esta con una lamina en estructura de madera

El tamanno del mueble puede ser adpatado a las necesidades del cliente

FURNITURES

CHAIRS - SILLAS



1



2



3



4



5



6



7



8

FURNITURES

ALUMINIUM SEATS



FURNITURES

SEATS



FURNITURES



1



3



4



2

FURNITURES



5



6

FURNITURES

SEATS



7



8



9

FURNITURES



10



11



12

FURNITURES

ARMCHAIRS



1



2



3



FURNITURES

ACCESORIES



ts can include head cover, life-jackets, seat track cover, magazine pockets.

Model	Size	Net Weight
HSQ925	800x360x1275mm	6.5kg
HSAB1000	1000x300mm	12kg



Tablas de Planchar



1



2

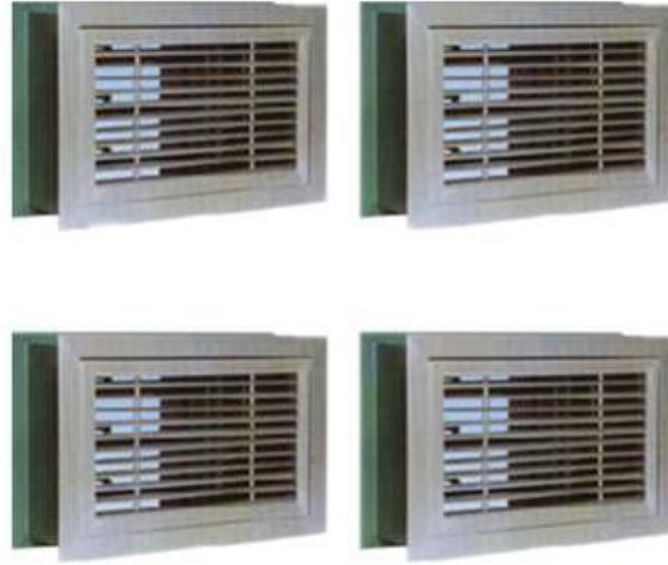


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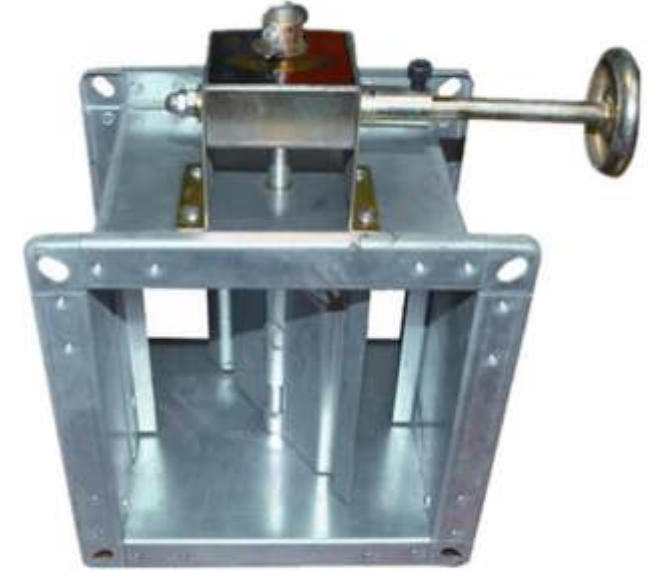
FIRE DAMPER



4



5



6

DIFUSOR – DIFUSORES DE AIRE



1



2



3



4



5

PARED

MARINE ELECTRICAL HEATERS



1



2



3

FANS - VENTILADORES



1



2

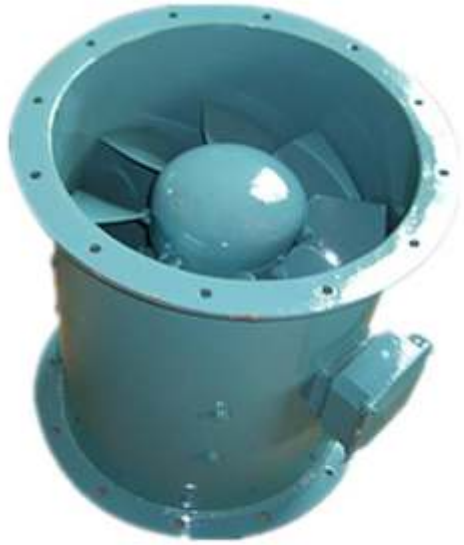


3

FANS - VENTILADORES



4



5



6



ELECTRICAL /ELECTRONIC - CLABLES



SICI fire resistant
Shipboard
communication cable



TXXI(i&c) light weight
shipboard
communication cable



SXXI Fire resistance
Shipboard power and
control cable



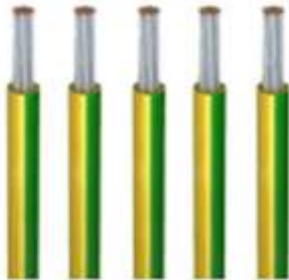
FA-TPYCY Shipboard
Power and Lighting
Cable 0.6/1KV



FA-DPYC Shipboard
Power cable 0.6/1KV



MCGG Cargo Ship
Marine Power Cable
0.6/1KV



Shipboard wire



JIS C3410 Common
Screened Shipboard
Telephone Cable



Marine Fiber Optic
Cable



Fire-retardant Screened
Marine Communication
Cables 250V

LIGHTS - LUCES

NAVIGATION LIGHTS - LUCES DE NAVEGACION



1



2



3



4



5



6



7



8

LIGHTS - LUCES

NAVIGATION LIGHTS - LUCES DE NAVEGACION



High Intensity LED Marine Marker Light



Solar Powered Navigation Warning Light



Solar Warning Light Navigation Mark Light



LED Marine Lantern

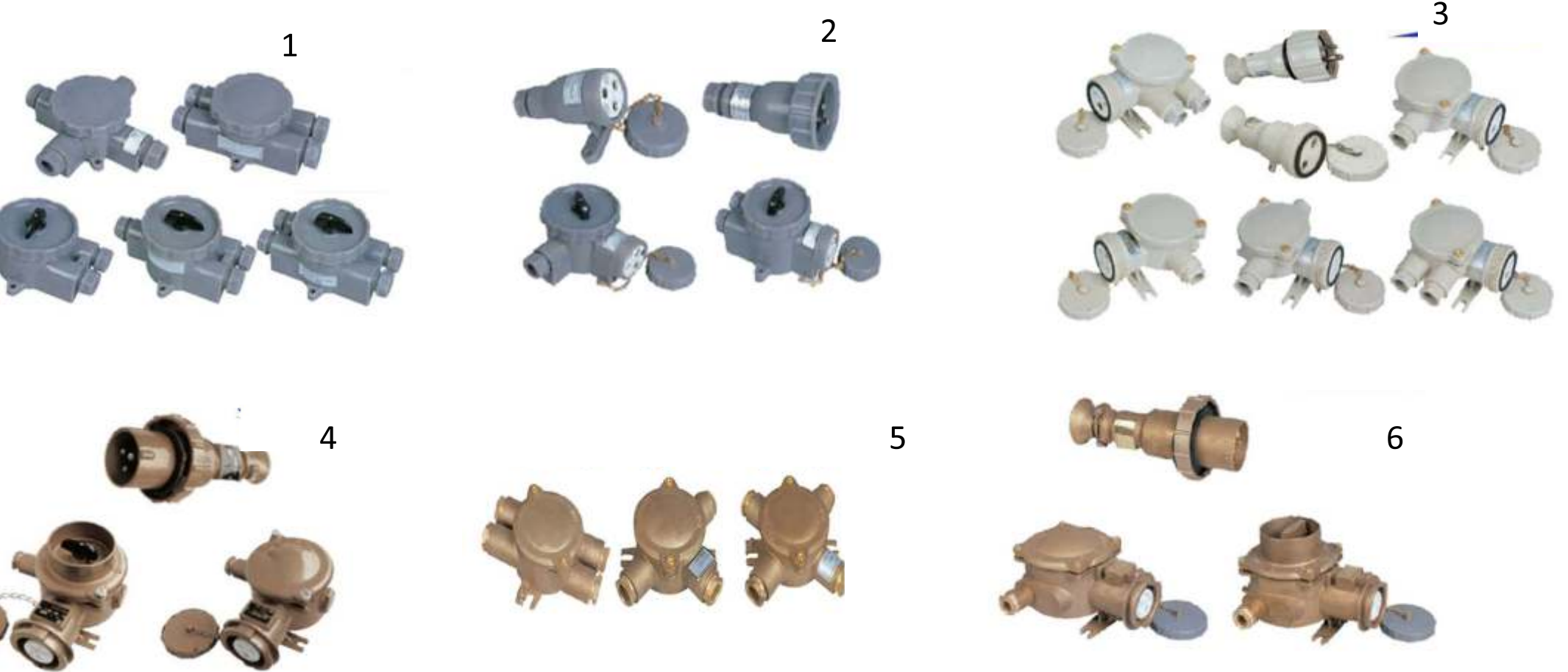


Solar LED Marine Light

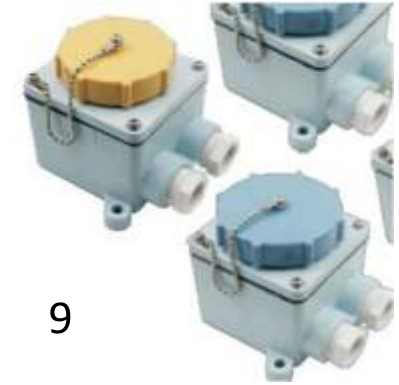
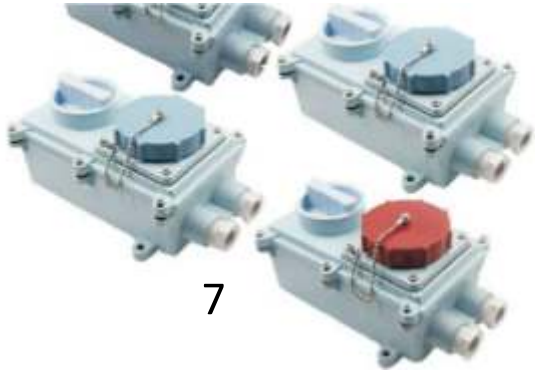


Navigation Signal Light

ELECTRICAL CONNECTORS



ELECTRICAL CONNECTORS



ELECTRICAL CONNECTORS



ELECTRICAL CONNECTORS



BRIDGE ACCESSORIES

CLEAR VIEW - VISTA CLARA PUENTE



1



2



3



4

BRIDGE ACCESSORIES

MAGNETIC COMPASS



1



2



3



4



5



6



7



8

BRIDGE ACCESSORIES

SUN SHADE FOR BRIDGE



Visual is not affected; duty pilot can see clearly through it.

Anti – dazzle

Durable and reliable

Visible light transmittance : 70%

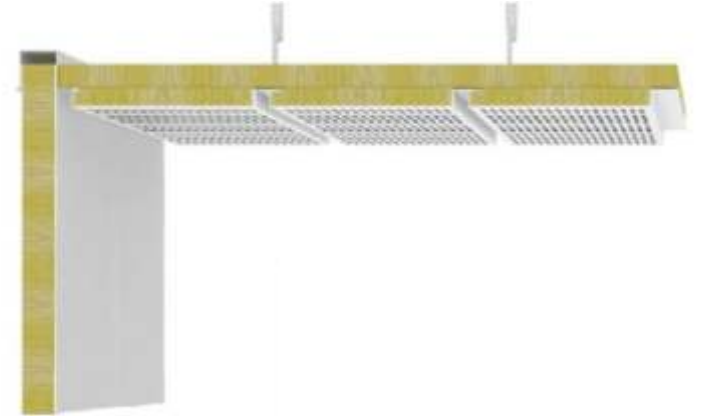
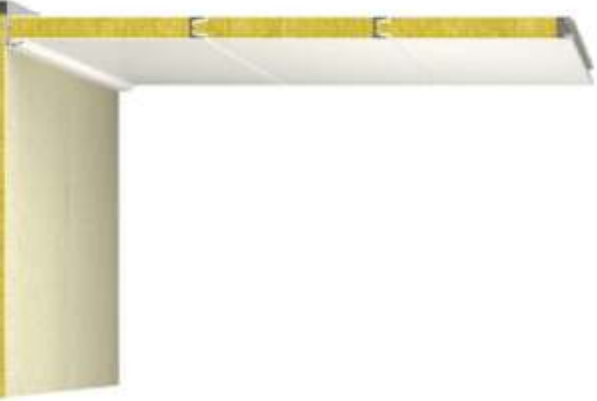
Total solar energy cutoff rate 70%

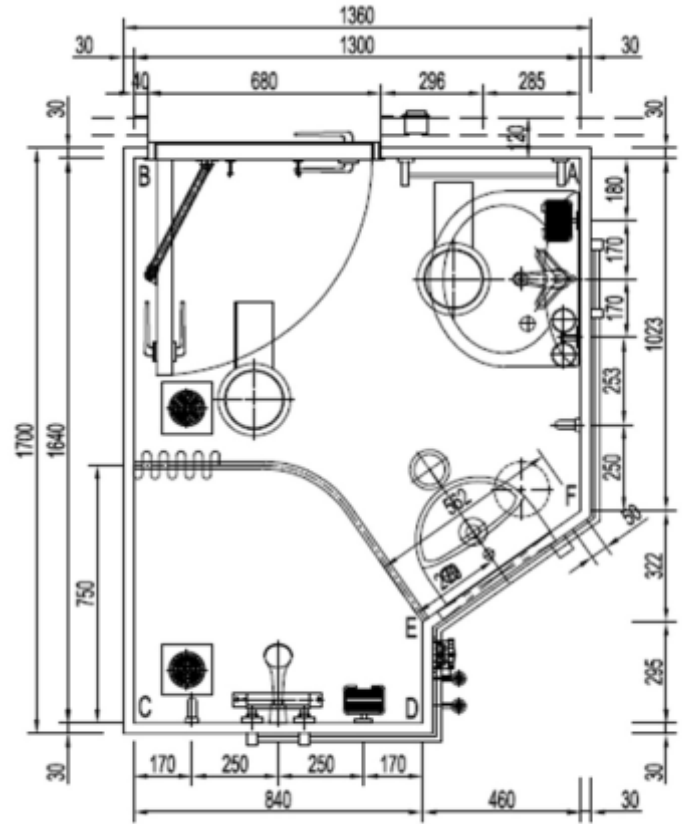
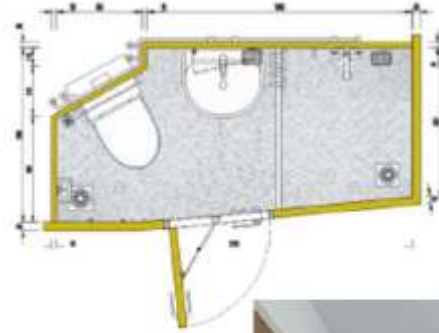
UV blocked 99%

Panels - Paneleria



Panels - Paneleria



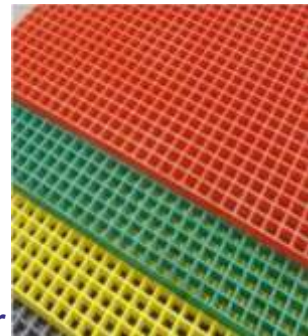
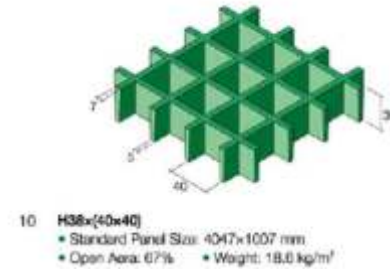
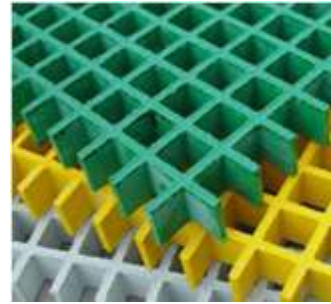
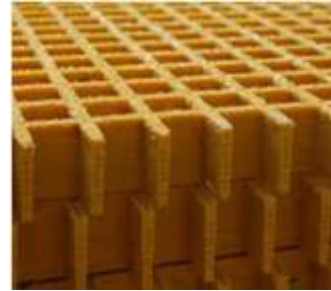
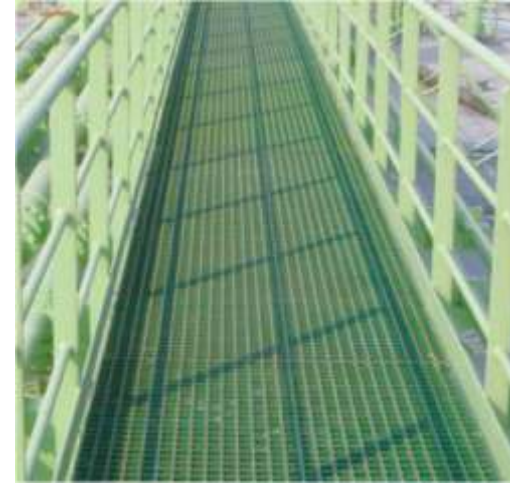






GRATINGS

FRP Gratings



GRATINGS



Galvanized



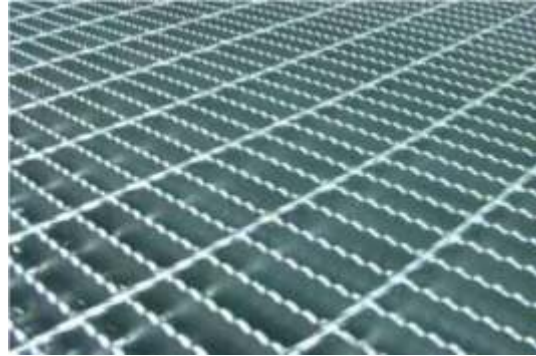
**Galvanized
plain steel**



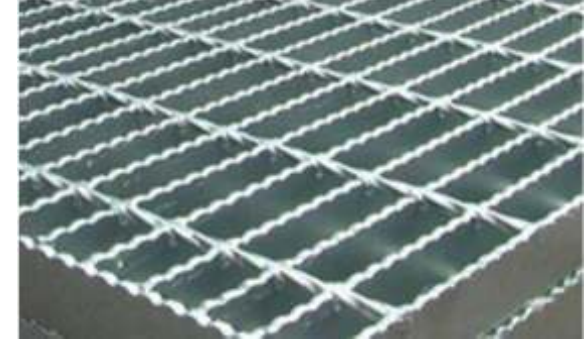
Galvanized steel bar grating



serratedel



Galvanized walkway



Galvanized serratedel

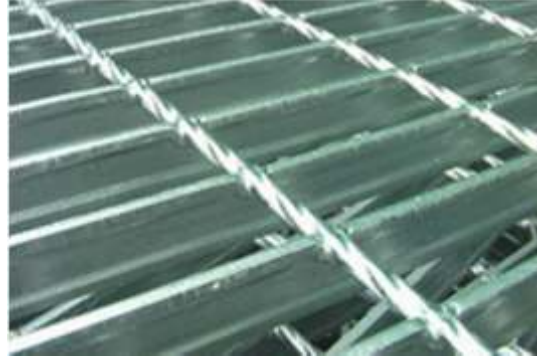
GRATINGS



GRATINGS



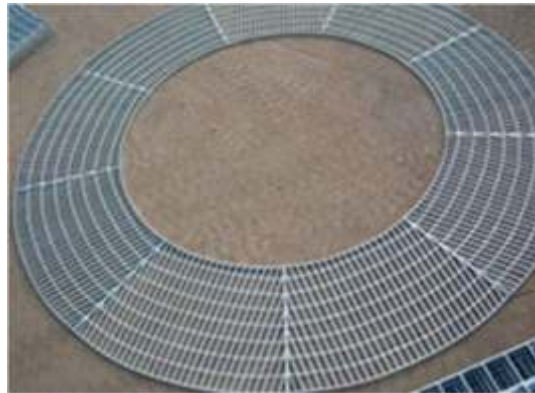
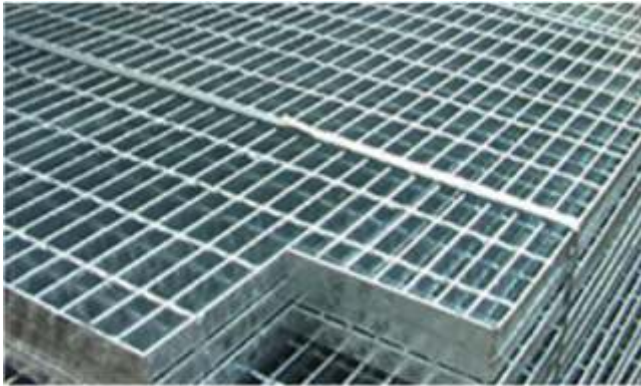
Heavy duty



I Bar



Painted



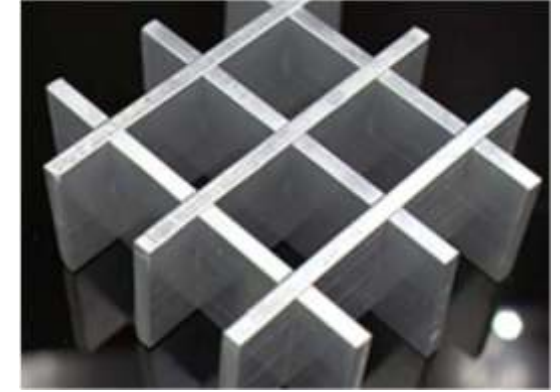
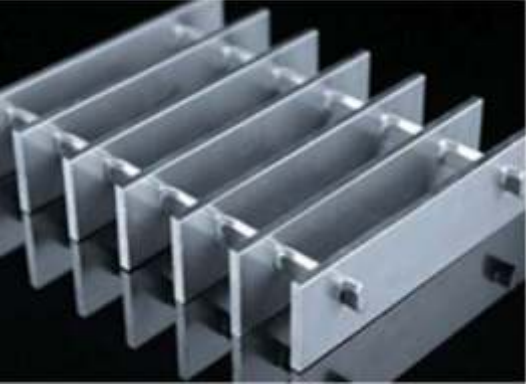
Circle grating



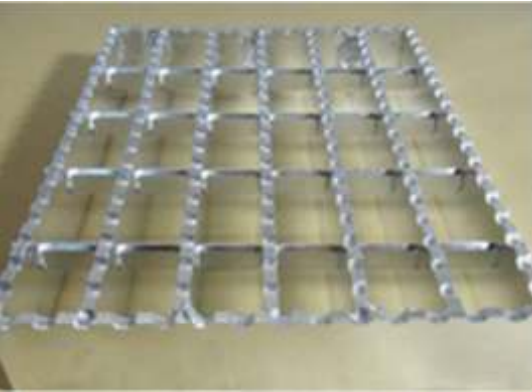
Well covers

GRATINGS

Aluminium Grating



Press locked



Non slip aluminum



Serrated aluminum

GRATINGS

Grating clips



Grating clips



Grating clamp



Grating saddles



Hot dip galvanized steel screws



Stainless steel bolts

LASHING



SIZE (mm)	WT(kg/pc)			
	body	eye&eye	hook&eye	hook&hook
6	0.08	0.116	0.114	0.112
8	0.15	0.22	0.218	0.215
9	0.17	0.3	0.293	0.29
12	0.29	0.58	0.585	0.57
16	0.52	1.07	1.05	1.03
19	0.85	1.77	1.78	1.77
22	1.17	2.55	2.58	2.6
25	1.69	3.79	3.77	3.72
32	3.51	7.6	7.52	7.44
38	5.08	13.5	12.8	22
44	9	—	—	22
50	11.5	—	—	29

SIZE(mm)	A(mm)	B(mm)	D(mm)	L1(mm)	L2(mm)	WT(kg)
M5	9	81	5	122	180	0.048
M6	9	90	5	137	210	0.084
M8	10	110	6	155	250	0.122
M10	11	120	8	178	275	0.206
M12	16	150	10	237	350	0.359
M16	15	190	14	280	450	0.84

LASHING

Double Raised ISO Foundation



Double Flush ISO Foundation



Container Corner Fitting



Container Lashing Pot



Container D-ring



Container Flush ISO Foundation



Container Raised ISO Foundation



Flush Lashing Pot

LASHING

**Raised Cloverleaf
Lashing pot**



**Raised lashing plate
for hooks**



Lashing Plates



Container Forged Steel Lashing Eye



Container Double Dovetail Foundation



Container Doubling Plate



LASHING

90 Degree Dovetail Twistlock



Container Stacking Cone



Heavy Duty Container Bridge Fitting



Container Bridge Fitting



Corner Extension Rod



Container Lashing Turnbuckle



Container Lashing Bar



Container Intermediate Twistlock



Dovetail Bottom Twistlock

LASHING

Semi-automatic Twistlock



Container Bottom Stacker



Manual Twistlock



Container Hanging Stacker



Container double stacker



Container singer stacker



Container Midlock

LASHING



SIZE (mm)	body	WT(kg/pc)		
		eyes&eye	hook&eye	hook&hook
8	0.08	0.116	0.114	0.112
8	0.15	0.22	0.218	0.215
9	0.17	0.3	0.293	0.29
12	0.29	0.58	0.585	0.57
18	0.52	1.07	1.05	1.03
19	0.85	1.77	1.78	1.77
22	1.17	2.55	2.58	2.6
25	1.69	3.79	3.77	3.72
32	3.51	7.8	7.52	7.44
38	5.00	13.5	12.8	22
44	8	-	-	22
50	11.5	-	-	29

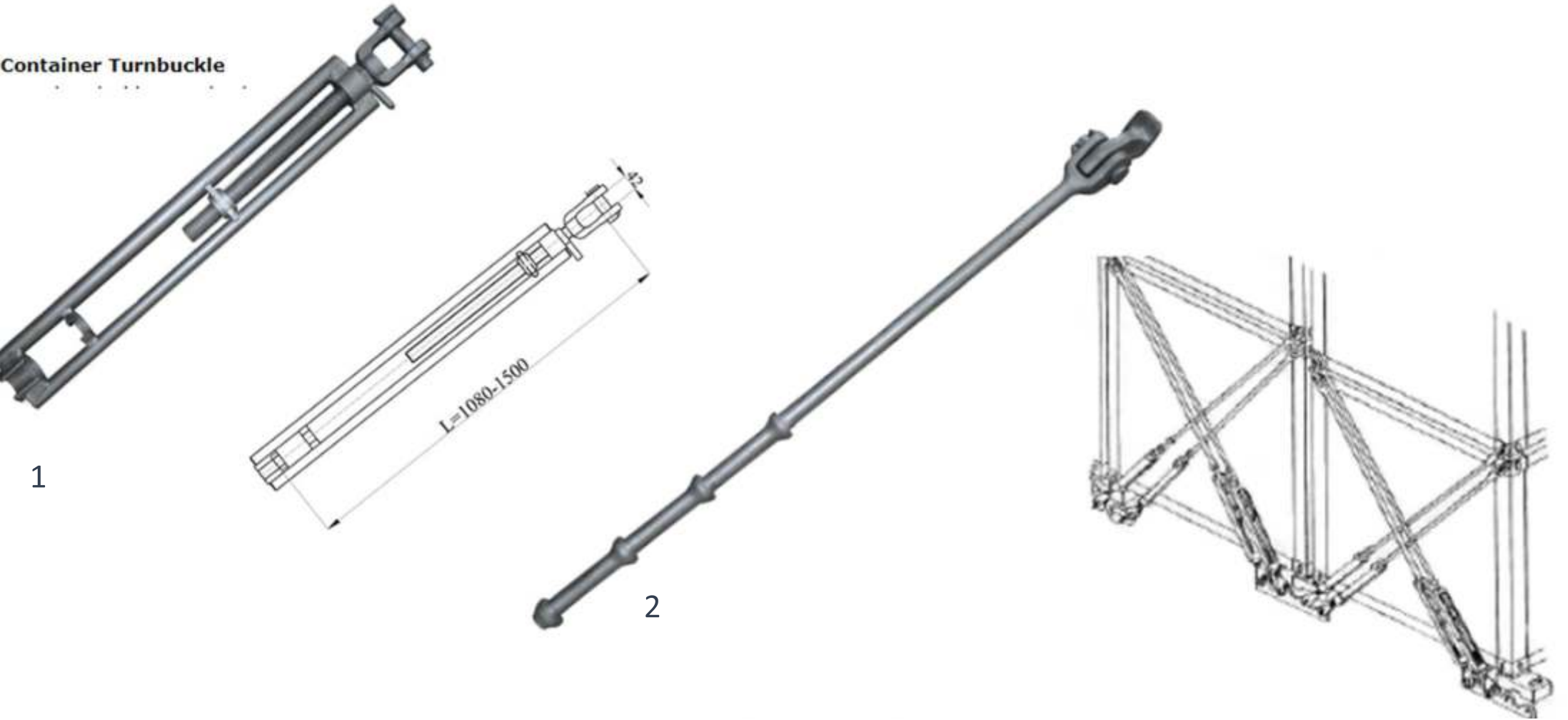


W30	12	180	18	300	400	0.91
W31	16	220	20	325	390	0.220
W32	17	250	8	338	518	0.308
W33	10	110	8	182	500	0.313
W34	8	80	8	205	510	0.384
W35	8	85	8	255	580	0.348
SIZE(mm)	Ø(mm)	B(mm)	Ø(mm)	L1(mm)	L2(mm)	ML(kg)

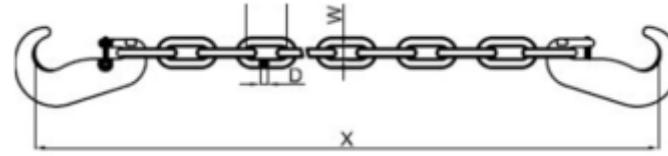
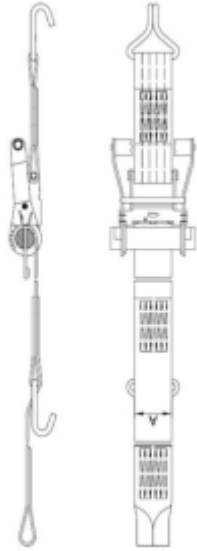


SIZE	W.L.L.	MAX. LENGTH	MIN. LENGTH	N.W.
inch	ton	mm	mm	kg
1-1/4*18	25.5	1775	1270	16

LASHING



LASHING



DIA	L	W	B.L.	WEIGHT
13mm	80mm	22mm	200KN	3KG
11mm	65mm	20mm	150KN	2.2KG
9mm	56mm	15mm	100KN	1.8KG

Model No.	B.W.L.	B.L.	A (mm)
S-1-30	100KN	300KN	30
S-1-50	200KN	500KN	50
S-1-100	300KN	1000KN	75/120
S-1-200	1000KN	2000KN	112

Lashing Belt J hook

LASHING



Polyester Webbing Sling

Wear Resistant Webbing Sling:
Rope Type Sling:

Wear Resistant Sling:
Rope of Dyneema (Rope sling is small) with low friction coefficient, and it is not easy to fall. The sling contains a
UV stabilizer that makes it not glow under ultraviolet light. Besides that, it has advantages of good flexibility, it
is strong, wear-resistant, resistant aging and wear resistance, small diameter and low elongation.
1) Eye Type Dyneema Sling
2) Dyneema
3) Lifting
4) Various color
5) To be customized
6) Package (PP, bag), standard support center or by customer requirement.
7) After quality assurance, experienced staff, professional service, competitive price, etc.
8) Models: 15, 40, 55, 80, 100, 140, 170, etc.
9) Special specifications and models can be made according to customer requirements.

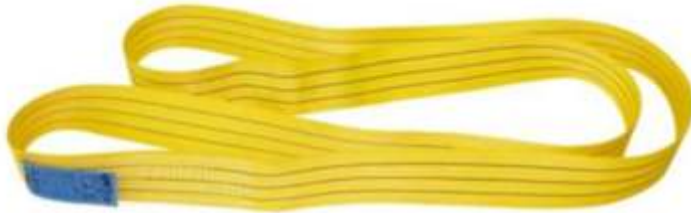
Approx width	Minimum length	Maximum length	Weight
mm	m	m	kg/m
24	1.5		0.13
26	1.5		0.15
28	1.5		0.15
30	1.5		0.17
32	1.5		0.18
34	2		0.18
36	2		0.18
38	2		0.18
40	2		0.18
42	2		0.18
44	2		0.18
46	2		0.18
48	2		0.18
50	2		0.18
52	2		0.18
54	2		0.18
56	2		0.18
58	2		0.18
60	2		0.18
62	2		0.18
64	2		0.18
66	2		0.18
68	2		0.18
70	2		0.18
72	2		0.18
74	2		0.18
76	2		0.18
78	2		0.18
80	2		0.18
82	2		0.18
84	2		0.18
86	2		0.18
88	2		0.18
90	2		0.18
92	2		0.18
94	2		0.18
96	2		0.18
98	2		0.18
100	2		0.18
102	2		0.18
104	2		0.18
106	2		0.18
108	2		0.18
110	2		0.18
112	2		0.18
114	2		0.18
116	2		0.18
118	2		0.18
120	2		0.18
122	2		0.18
124	2		0.18
126	2		0.18
128	2		0.18
130	2		0.18
132	2		0.18
134	2		0.18
136	2		0.18
138	2		0.18
140	2		0.18
142	2		0.18
144	2		0.18
146	2		0.18
148	2		0.18
150	2		0.18
152	2		0.18
154	2		0.18
156	2		0.18
158	2		0.18
160	2		0.18

Approx width			L		Weight		
(5:1)	(6:1)	(7:1)	Minimum length	Maximum length	(5:1)	(6:1)	(7:1)
mm	mm	mm	m	m	kg/m	kg/m	kg/m
25	25	30	0.5		0.16	0.18	0.20
50	50	60	1.0		0.25	0.30	0.40
75	75	90	1.5		0.52	0.73	0.78
100	100	120	1.5		0.80	0.84	0.90
125	125	150	1.5	To be customized	0.88	0.96	1.14
150	150	180	1.5		0.96	1.12	1.33
200	200	240	2.0		1.54	1.65	1.85
250	250	300	2.0		1.64	1.64	2.05
300	300	300	2.0		1.86	2.06	2.70

Diameter	APR	BPPE	Maximum length
mm	Working load limit	Working load limit	m
16	70	70	10
18	100	100	10
20	130	130	10
22	170	170	10
24	210	210	10
26	260	260	10
28	310	310	10
30	370	370	10
32	430	430	10
34	500	500	10
36	570	570	10
38	650	650	10
40	730	730	10
42	820	820	10
44	910	910	10
46	1000	1000	10
48	1100	1100	10
50	1200	1200	10
52	1300	1300	10
54	1400	1400	10
56	1500	1500	10
58	1600	1600	10
60	1700	1700	10
62	1800	1800	10
64	1900	1900	10
66	2000	2000	10
68	2100	2100	10
70	2200	2200	10
72	2300	2300	10
74	2400	2400	10
76	2500	2500	10
78	2600	2600	10
80	2700	2700	10
82	2800	2800	10
84	2900	2900	10
86	3000	3000	10
88	3100	3100	10
90	3200	3200	10
92	3300	3300	10
94	3400	3400	10
96	3500	3500	10
98	3600	3600	10
100	3700	3700	10
102	3800	3800	10
104	3900	3900	10
106	4000	4000	10
108	4100	4100	10
110	4200	4200	10
112	4300	4300	10
114	4400	4400	10
116	4500	4500	10
118	4600	4600	10
120	4700	4700	10
122	4800	4800	10
124	4900	4900	10
126	5000	5000	10
128	5100	5100	10
130	5200	5200	10
132	5300	5300	10
134	5400	5400	10
136	5500	5500	10
138	5600	5600	10
140	5700	5700	10
142	5800	5800	10
144	5900	5900	10
146	6000	6000	10
148	6100	6100	10
150	6200	6200	10
152	6300	6300	10
154	6400	6400	10
156	6500	6500	10
158	6600	6600	10
160	6700	6700	10



LASHING



Fireproof Eye Type Webbing Sling:

- Details:**
1. Model: Common Round Sling
 2. Material: Polyester
 3. Usage: Lifting
 4. Colors: Orange, purple, green, yellow, grey, red, brown, blue, etc.
 5. Length: To be customized
 6. Packaging: Packaged with bags, standard export carton or by customer requirements
 7. Our advantages: quality assurance, experienced staffs, professional service, competitive price, etc
 8. Certifications: CE, ABS, CCS, DSG, NK, TÜV, etc.
 9. Note(s): Special specification and marks can be made according to customers requirements.

Color	Working load limit (kN)	Approximate thickness (mm)	Approximate width (mm)	Min length (m)	Max length (m)
Orange	500	4	50	0.5	20
Purple	1000	6	50	0.5	20
Green	2000	8	60	0.5	20
Yellow	3000	8	70	0.5	20
Grey	4000	11	70	0.5	20
Red	5000	12	80	0.5	20
Brown	6000	15	90	0.5	20
Blue	8000	17	120	0.5	20
Orange	10000	18	120	0.5	20
Orange	15000	18	150	0.5	20
Orange	20000	20	150	0.5	20
Orange	25000	20	180	0.5	20
Orange	30000	22	180	0.5	20
Orange	40000	25	180	0.5	20
Orange	50000	30	180	0.5	20
Orange	60000	35	180	0.5	20
Orange	80000	40	180	0.5	20
Orange	100000	45	170	0.5	20
Orange	150000	45	200	0.5	20
Orange	200000	70	200	0.5	20
Orange	300000	80	200	0.5	20
Orange	400000	100	200	0.5	20
Orange	500000	100	300	0.5	20

PALLETS

Steel pallet



Plastic pallet





HOOKS



1

G80 Heavy Duty Lifting Swivel Hook



2



3



WLL	Weight	A	B	C	D	L
T	kg	mm	mm	mm	mm	mm
0.5	0.16	16	14	68	22	93
0.75	0.26	18	18	80	26	110
1	0.35	22	20	94	26	120
2	0.85	32	25	118	38	165
3	1.5	38	33	144	44	200



5



6





CABLES

Wire Rope Accessories



Carbon Steel Wire Rope Shackle



Wire Rope Aluminium Stop Button



US Type Hourglass Aluminium Ferrule



G416 Open Spelter Socket



US Type Wire Rope Close Spelter Socket



G411 Standard Wire Rope Thimble:



Shaped Wire Rope Socket

LIFTING EQUIPMENT

QT Oil Drum Clamp



CDH Vertical Lifting Clamp



PDB Horizontal Lifting Clamp

LIFTING EQUIPMENT

Drum lifting appliances



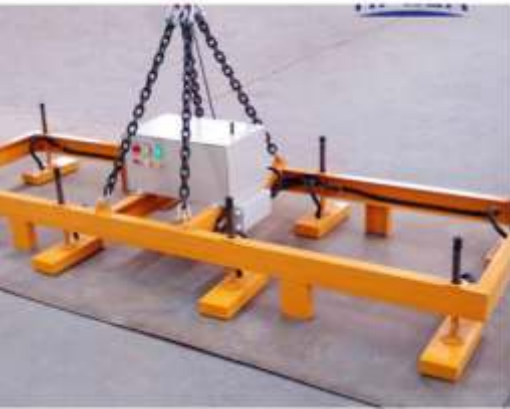
Oil drum clamp

ing with hook

Capacity	Weight	Jaw Opening	Mouth Depth	Pressure Line
ton	kg	mm	mm	mm
1.5	10	40-120	165	100
3	18	50-180	245	175
3	24	90-220	245	175

LIFTING EQUIPMENT

Magnetic lift cranes



Automatic Permanent Magnetic Lifter



Manual Permanent Magnetic Lifter

Capacity (kg)	Weight (kg)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
500	135	310	180	502	352	26	46	92
1000	195	310	210	502	396	26	50	92
1500	240	665	210	735	396	26	50	92
2000	255	680	320	750	506	26	50	112
3000	430	770	360	850	506	30	56	125
5000	650	920	420	1000	580	34	60	141

Capacity (kg)	Weight (kg)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
500	135	310	180	502	352	26	46	92
1000	195	310	210	502	396	26	50	92
1500	240	665	210	735	396	26	50	92
2000	255	680	320	750	506	26	50	112
3000	430	770	360	850	506	30	56	125
5000	650	920	420	1000	580	34	60	141

Capacity (kg)	W (kg)	N.W (kg)	B (mm)	H (mm)	L (mm)	R (mm)
400	1200	9.2	94	92	200	250
600	1600	10.2	112	110	260	270
1000	2000	11	143	136	310	245
2000	4000	16.4	164	146	400	310
3000	7500	20	173	136	400	310
5000	12000	29.7	201	210	400	310

CHAIN BLOCK

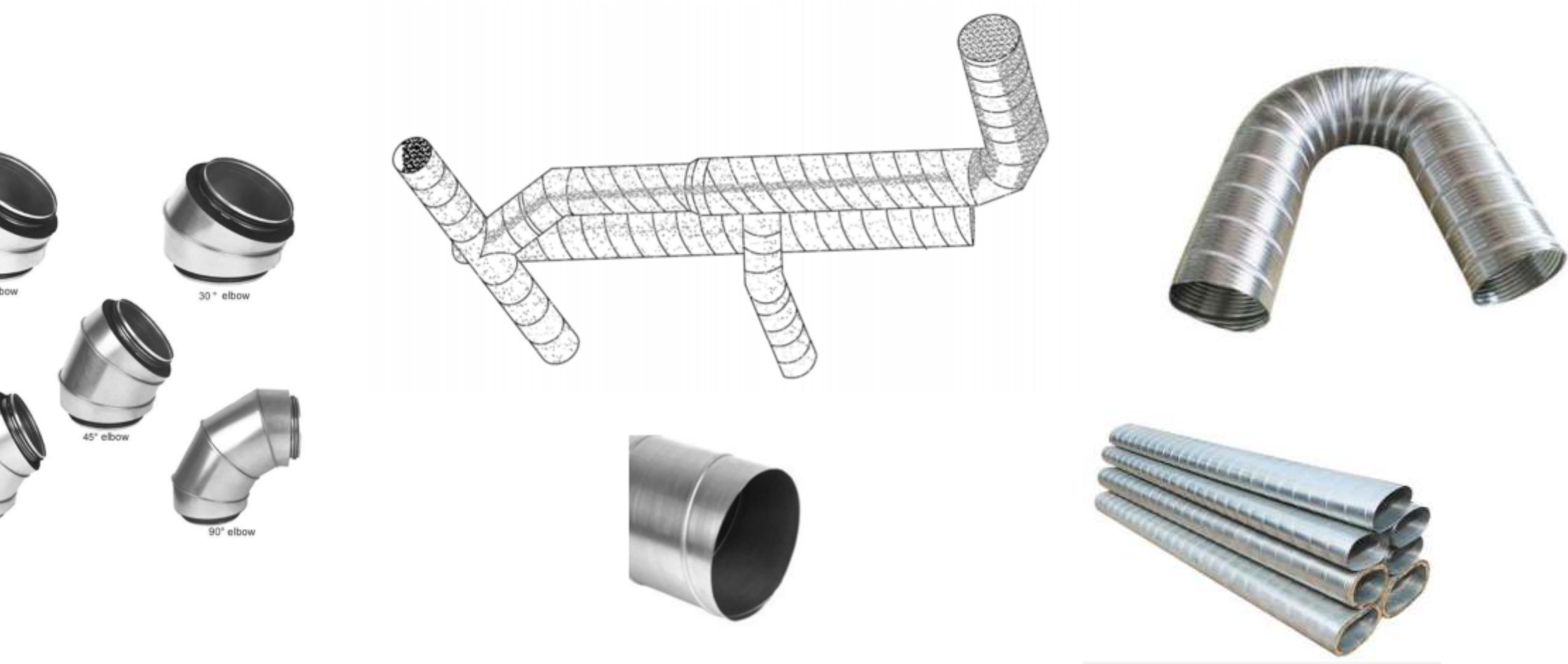


Aluminum Alloy Manual Lever Wire Rope Block

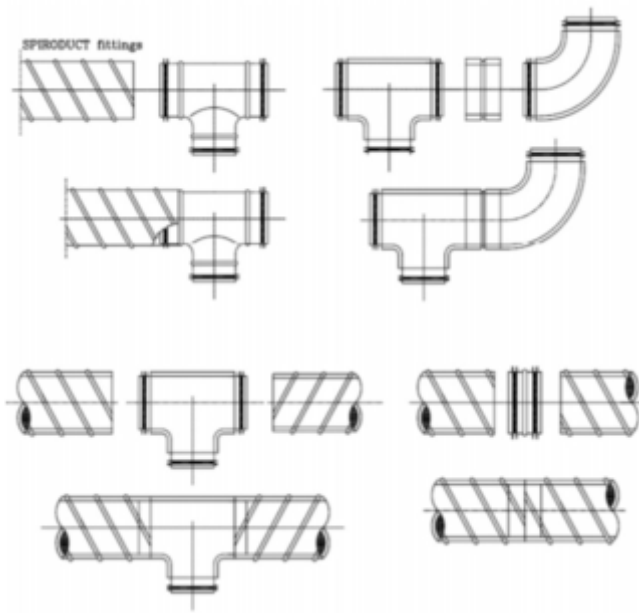




VENTILATION DUCTS



VENTILATION DUCTS



STAINLESS STEEL CABLES TIES



[L type ball lock uncoated ties](#)



[ball lock epoxy coated ties](#)



[L type ball lock epoxy coated ties](#)



[ball lock fully epoxy coated ties](#)



[Ball lock uncoated ties](#)



[Multi lock uncoated ties](#)



[Releasable epoxy coated ties](#)



[O type PVC coated ties](#)

CABLE ACCESORIES

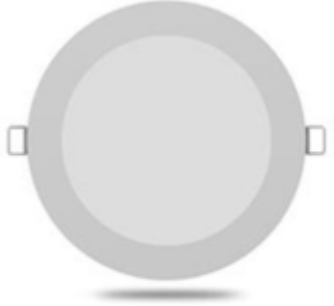


[Nylon cable ties](#)



[Stainless steel PVC coated bands](#)







Marine Flood Light SL60



LED flood light SL63



Marine Flood Light SL62

FUELLING DRUM
PUMP



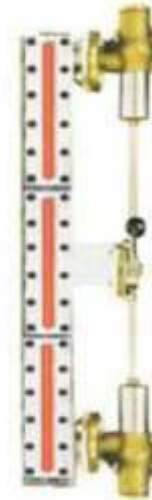
air powered oil pump



YL series semi-rotary
hand pumps



marine flat glass oil level
gauge with self-closing
valves



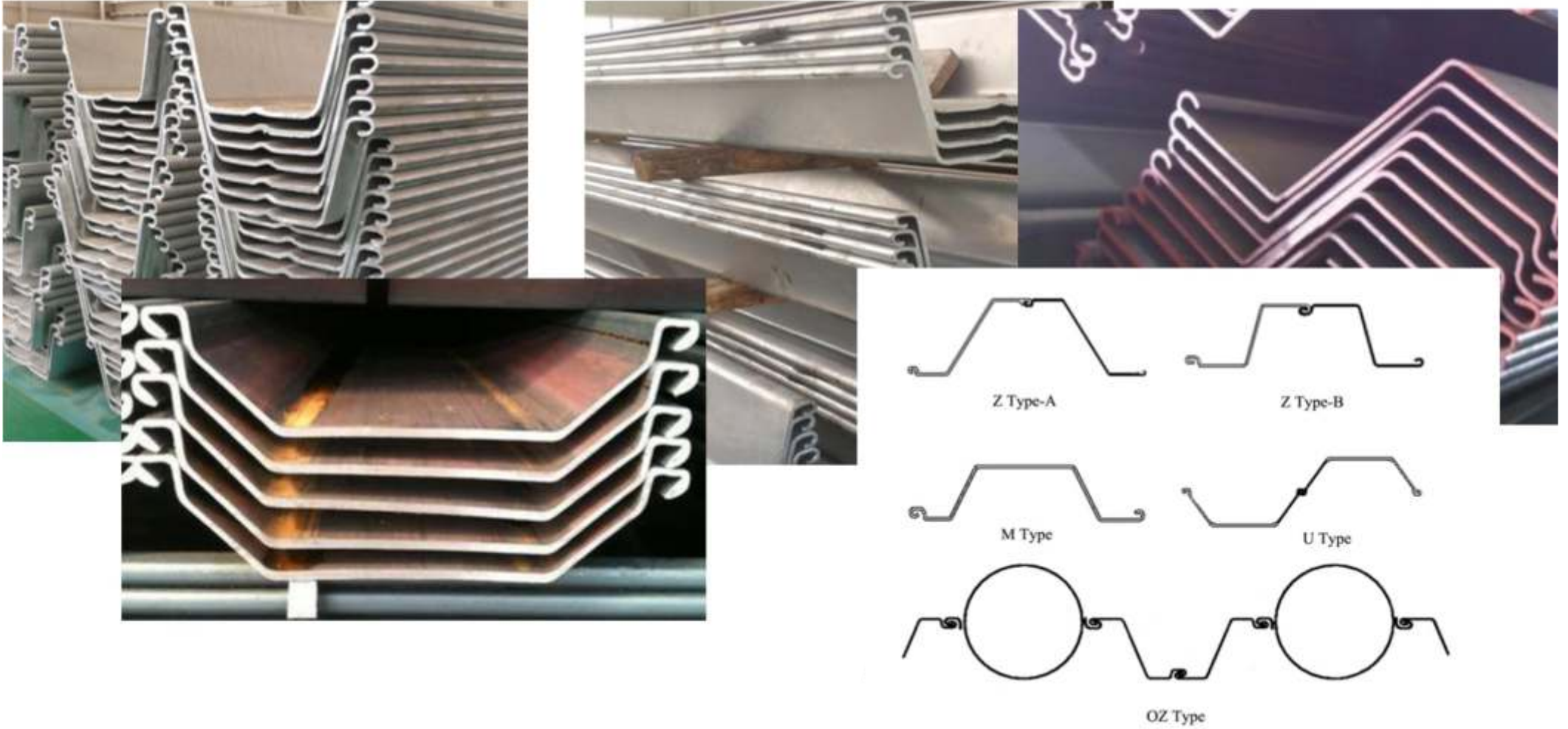
WATER FILTER



OIL FILTER



TABLAS ESTACAS





Anti-typhoon Lighthouse



Light Beacon Aids to Navigation



Steel Fishery Buoy

Fishery buoy is a special landmark at sea, widely used in aquaculture, marine protected areas, water fishing areas etc.. The landmark is produced in accordance with the standard design. It has yellow buoy body, topmark and navigation light. During the day, the yellow fish signs and the topmark is a warning to the ships; during the evening, yellow flashing navigation light is a warning to the ships. The fishery landmark limits the boundaries for fishing, marking the user's fishery scope and also providing navigation indications for other ships. It effectively avoid the breaking through of other ships and causing unnecessary losses.

Material of Fishery Buoy: Glass fiber reinforced plastic(FRP), Steel plate

Constructure: The buoy body is pillar buoy and it is composed of topmark, a bracket, buoy body, battery, tail pipe, balance iron and so on. On the bracket, it can be equipped with lamp device, radar reflector, solar panels etc.. Below the buoy, it is connected with anchoring equipment.

Size: 1.2m, 1.4m, 1.5m, 2.4m or other sizes we can customize for you



Marker Buoy

Marker buoy is one type of navigational aids which are used to help ships and ensure their safety when sailing on the sea.

Material

ship steel materials with resilient closed cell polyethylene foam filled inside of the buoy body

Size

0.6m, 1.08m, 1.22m, 1.5m, 1.8m, 2.4m, 3m etc.(we can customize the sizes according to you need)

Advantages

good corrosion resistance, high temperature resistance, strong sunlight resistance, high impact resistance etc.

Color

red, green, yellow, black etc.

Power Supply

batteries, solar panels

Standard/Certificate

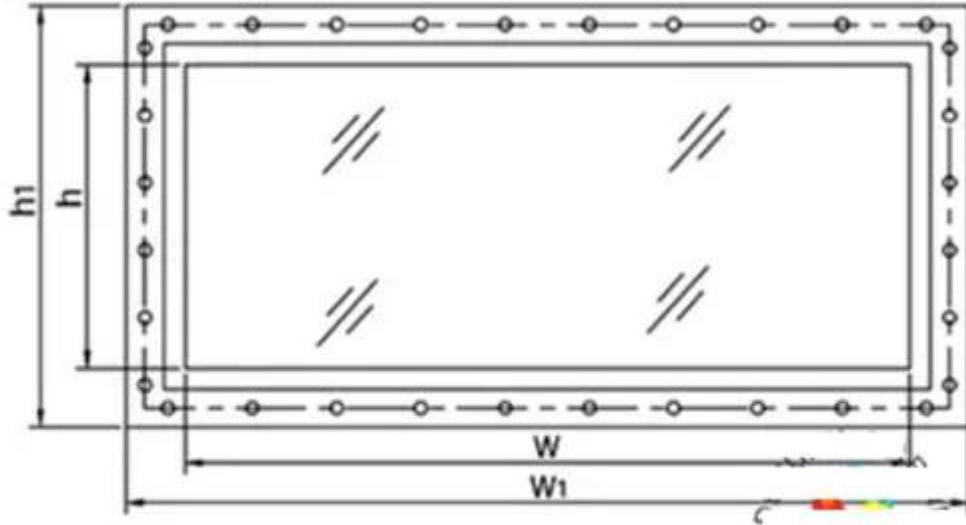
IALA/CCS

Specification of Buoys(Inland-river buoy)



Boya de alto peso molecular de polietileno, resistente a la corrosión, no necesita ser pintada , resistente al impacto, baa emisión de carbono, ahorrar energía.
Tamanns:0,8 m, 1,2m, 1,5 ,1,8; 2,1; 2,4; 3,05; 3,5m o a requerimiento del cliente

ALUMINIUM WINDOWS

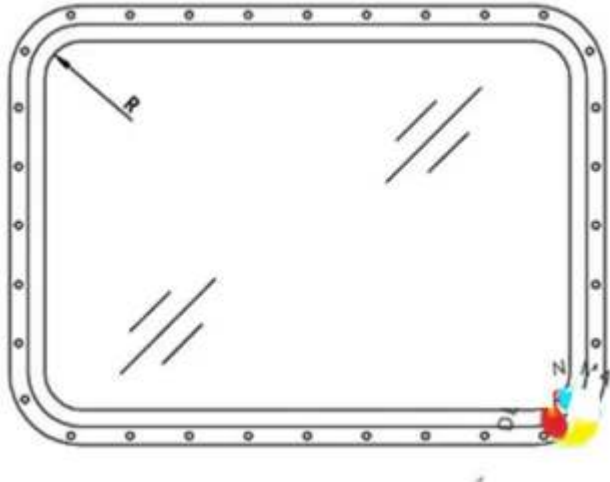


Window With Aluminium Alloy Frame

Origin:	Made in China
Glass:	Double-layers Hollowed Glass
Charateristic:	Soundproof Window
Clear size:	900*630mm etc
Glass thickness:	6/8mm
Certificate:	CCS, BV, NK, DNV, etc

nominal size	Maximum overall form size	Cut-out size	Glass thickness	Hollow distance	Glass thickness	Weight	Average sound
H	W1*H1	W2*H2	b1	A	b2	Kg	TL(dB)
00*425	420*545	352*477	6	6	6	10	29
00*425	420*545	352*477	6	9	6	10	30.5
55*500	475*620	407*552	6	6	6	15.6	29
55*500	475*620	407*552	6	6	6	16.2	31.5
00*560	520*680	452*612	6	6	9	18.2	28.6
00*560	520*680	452*612	6	6	6	18.6	31.5
50*630	570*750	502*682	6	6	9	21.2	31.5
00*710	620*830	552*762	6	6	9	25.3	31
00*630	1020*750	952*682	6	12	9	29.4	30.5
00*630	1020*750	952*682	6	16	6	33.2	31.8
900*630	1020*750	952*682	8	24	6	34	35
1000*800	1120*920	1052*852	8	16	6	45.9	31
1000*800	1120*920	1052*852	8	24	6	46.7	35
1200*800	1320*920	1252*852	8	24	6	54.4	34
1400*800	1520*920	1452*852	8	24	6	59.2	33
1600*1000	1720*1120	1652*1052	8	24	6	81.3	32
1800*1200	1920*1320	1852*1252	8	24	6	104.5	30.5

Model 227 Bolt Mount Type Aluminium Fixed



Open type:	Fixed type
Application:	Ship, door
Install:	Bolt mount type
Clear size:	600*400mm etc
Glass thickness:	6/8mm
Certificate:	CCS, BV, NK, DNV, etc

Model	Clear size	Window frame size		Cut-out size		Decoration thickness		Glass thickness	Wei
	W*h	W1*h1	W2*h2	W3*h3	R	S	t	t=6	
QL-227R	300*250	314*264	358*308	332*282	80	User's option	6, 8	1.7	
	350*300	364*314	408*358	382*332				2.3	
	400*350	414*364	458*408	432*382				3.1	
QL-227F	450*350	464*364	508*408	482*382				3.5	
	500*400	514*414	558*458	532*432				4.4	
	550*400	564*414	608*458	582*432				4.8	
	600*400	614*414	658*458	632*432	5.3				

This series be suitable for inland vessels.