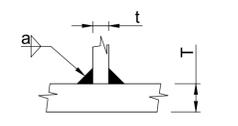


Bureau Veritas Marine & Offshore
Section 47158L.....
VU
Rotterdam, 13-May-2024
 [Electronic document]
 The plan approval office

t	a
t ≤ 8	3.5
8 < t ≤ 10	4.5
10 < t ≤ 12	5
12 < t ≤ 14	6
14 < t ≤ 15	6.5
15 < t ≤ 18	7
18 < t ≤ 20	8



t = Smallest plate thickness
 a = Weld throat size

NOTE
 - All welding \blacktriangle or \blacktriangledown according welding table unless stated otherwise;
 - Sharp edges to be removed;
 - Dimensions between (...) are for reference only.

Rev	Date	Drawn	Checked	Revision text
A01	26-10-2023	NCO	LBL	Initially created

Doc class	DRAW-2D	Drawn	NCO	Derived from	--
Project No.	513233	Function	153	Sequence	100
Yard No.		Section/Compartment		Document number	Sheet
HB		COPYRIGHT DAMEN SHIPYARDS GROUP	5498036	1	A01

ISO 5457 - ISO 7200 A1 TransNo: TE-513233-00012-01 / Issue: For Approval / Date: 22-01-2024

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BILL OF MATERIAL

Guidance pin bollard mid-ship

Top Part M153

Project No.	513233	Function	153	Drawn	NCO	Check	LBL	Date	15-11-2023		
Yard No.	Section/Compartment				Document number	5498036		Sheet	1	Revision	A01
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POS	PART		DESCRIPTION	DOC NO
	QT.	UNITS		
001	1001454		Hexagon head bolt, M16, L=80mm, Partial thread, EN ISO 4014, St st A4-70	
	2	pcs		
002	1001993		Lock nut, M16, DIN 985, St st A4, PA ring	
	2	pcs		
003	1000932		Flat washer, M16, di=17mm, OD=30mm, t=3mm, EN ISO 7089, St st A4	
	8	pcs		
004-01	1004503		Chain, Shortlink, D=6mm, li=18.5mm, DIN 766, St st AISI 316 (1.4401)	
	0.5	m		
005-01	1207377		[W], Square bar, H=10mm, W=10mm, St st AISI 316L (1.4404), EN 10059	
	0.03	m		
006-01	1206970		[W], Round bar, OD=60mm, Steel S355J2 (1.0577), EN 10060	
	1	m		
009-01	1211231		[W], Flat bar, H=60mm, t=15mm, St st AISI 316L (1.4404), ASTM 240	
	0.27	m		
009-02	1211231		[W], Flat bar, H=60mm, t=15mm, St st AISI 316L (1.4404), ASTM 240	
	0.13	m		
010-01	1008666		[W], Round bar, OD=16mm, Machined, St st AISI 316L (1.4404), Polished	
	0.5	m		
011-01	1165253		[W], Plate, t=6mm, St st AISI 316L (1.4404), Cold rolled	
	0.01	m2		
012-01	1120395		[W], Plate, t=10mm, St st AISI 316L (1.4404)	
	0.01	m2		
012-02	1120395		[W], Plate, t=10mm, St st AISI 316L (1.4404)	
	0.01	m2		
012-03	1120395		[W], Plate, t=10mm, St st AISI 316L (1.4404)	
	0.01	m2		
013-01	1438492		[W], Plate, t=15mm, Steel Grade A, EN 10029/EN 10163	
	0.09	m2		

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