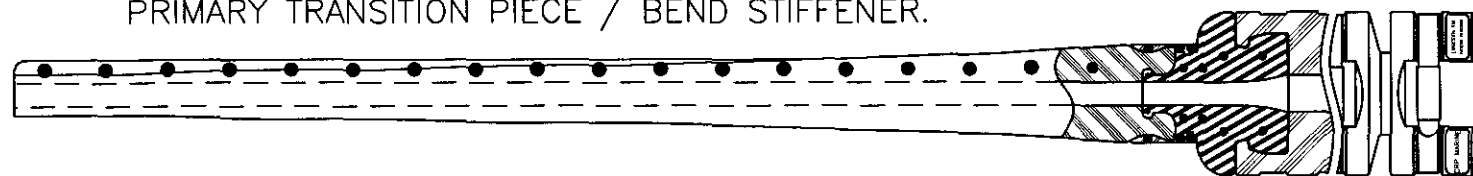


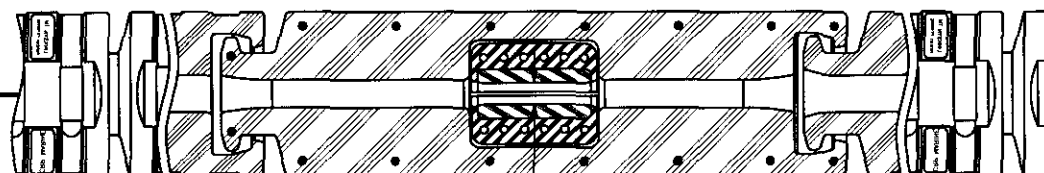
DO NOT SCALE - IF IN DOUBT ASK

PRIMARY TRANSITION PIECE / BEND STIFFENER.



MULTIPLES
OF LINKSYN
BUOYANCY
MODULES.

CENTRAL SPRING LOADED CLAMP ASSEMBLY.



MULTIPLES
OF LINKSYN
BUOYANCY
MODULES.

SECONDARY TRANSITION PIECE / BEND STIFFENER.



NOTES ON MATERIALS;

FLEXIBLE COMPONENT : POLYETHER BASED POLYURETHANE, COLOUR ORANGE.

BEND STIFFENER INTERFACE AND CENTRAL CLAMP : RIGID POLYMER, COLOUR NATURAL.

ASSEMBLY FASTENERS : STAINLESS STEEL A4-80 MIN.

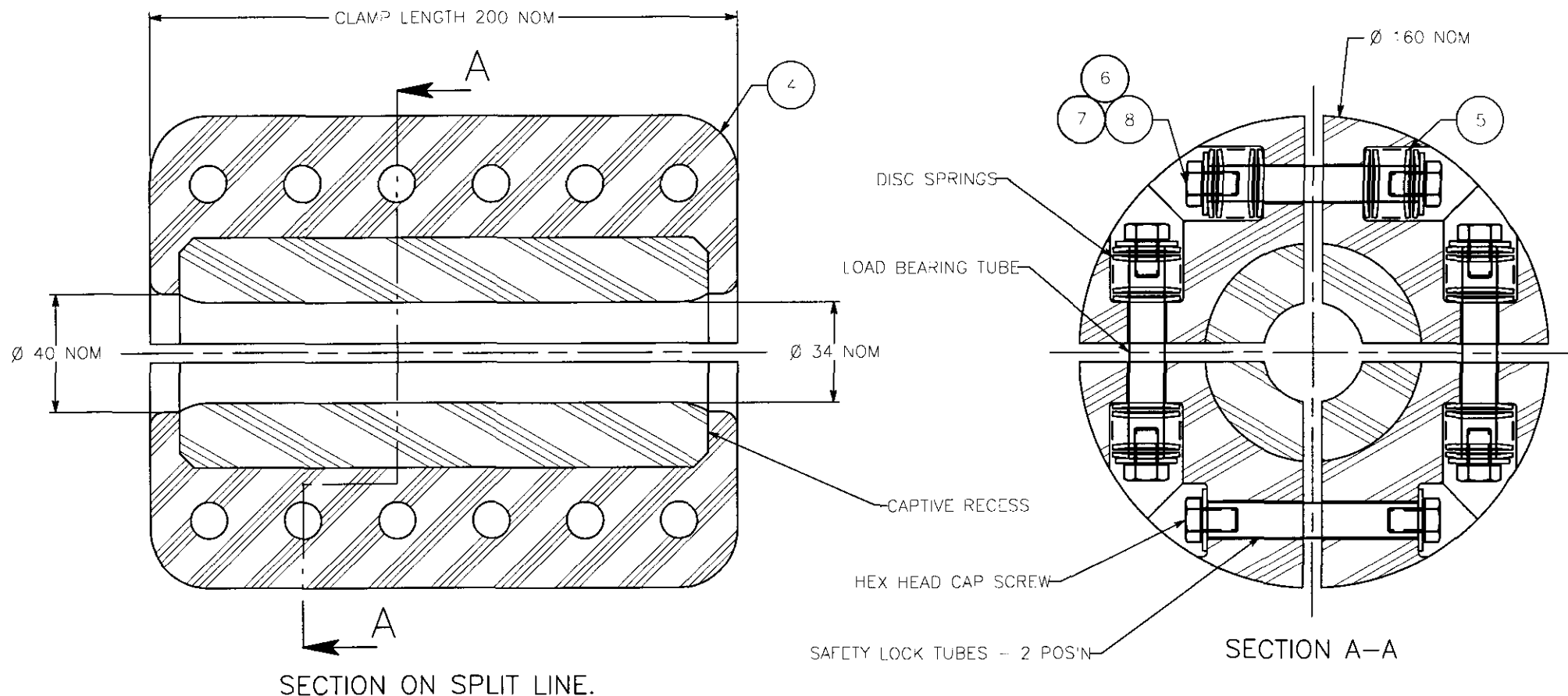
SEE SHEETS 2 AND 3 FOR SPRING LOADED CLAMP AND BEND STIFFENER ASSEMBLY DETAILS.

ESTIMATED TOTAL ASS'Y WEIGHTS
(NON-BUOYANCY ITEM)

IN AIR - 85 KGS
IN WATER - 17 KGS

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	REMOVE ALL BURRS BUT LEAVE CORNERS SHARP UNLESS OTHERWISE STATED SURFACE FINISH - N7 UNLESS OTHERWISE STATED					X = ± 1.00 MM X.X = ± 0.50 MM X.XX = ± 0.25 MM X* = ± 0.5* X.X* = ± 0.25*		PROJECTION 	DRAWN F. TYSON		DATE 19/12/05					
	N No. N5 N6 N7 N8 N9 MICROINCH 16 32 63 125 250 MICROMETER 0.4 0.8 1.6 3.2 6.3								CHECKED D. GRIFFITHS		DATE 20/12/05					
								UNITS MM	RELEASED BY D. GRIFFITHS		DATE 20/12/05	DRG NO 6352	ISS 2	SHEET 1 OF 4		

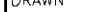
DO NOT SCALE -- IF IN DOUBT ASK



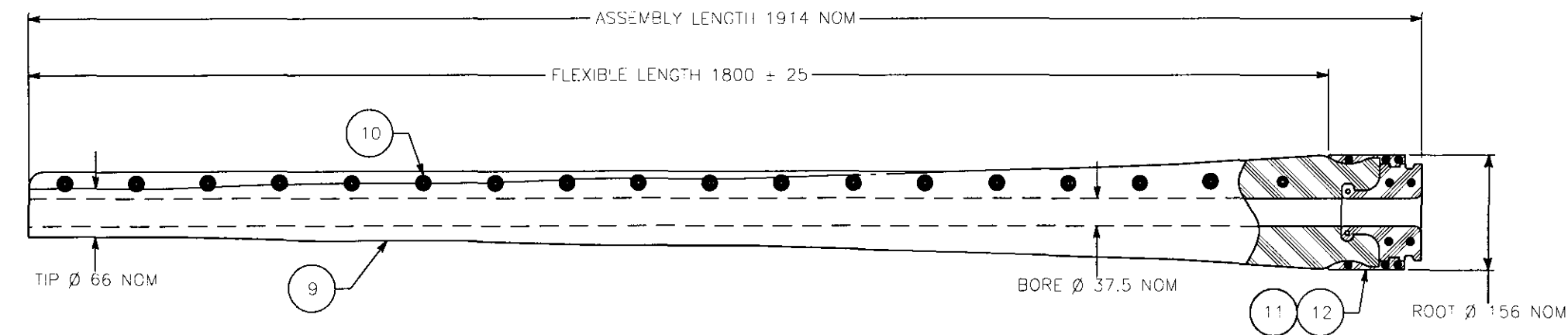
CENTRAL SPRING LOADED CLAMP DETAILS.

ESTIMATED WEIGHTS
(CENTRAL CLAMP)

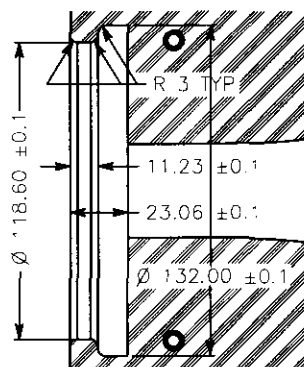
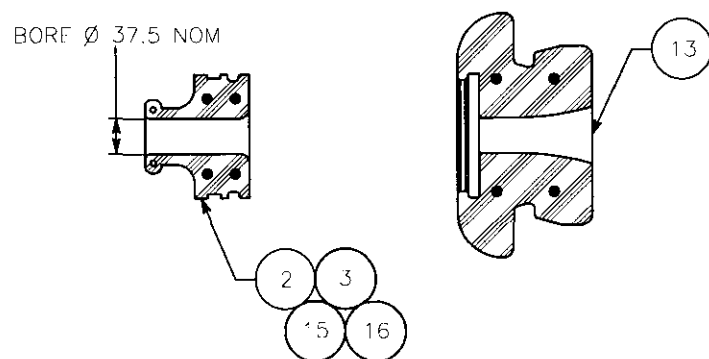
IN AIR - 9.0 Kg's
IN WATER - 4.5 Kg's

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	REMOVE ALL BURRS BUT LEAVE CORNERS SHARP UNLESS OTHERWISE STATED SURFACE FINISH - N7 UNLESS OTHERWISE STATED					X = ± 1.00 MM X.X = ± 0.50 MM X.XX = ± 0.25 MM X* = ± 0.5* X.X* = ± 0.25*		PROJECTION 	DRAWN F. TYSON		DATE 19/12/05	- CLAMP / BEND PROTECTION - MOOS MOORING SYSTEM - Ø 34.5 NOM CABLE SIZE																			
								CHECKED D. GRIFFITHS	DATE 20/12/05																						
								UNITS MM	RELEASED BY D. GRIFFITHS	DATE 20/12/05																					
A CRP HOLDINGS COMPANY					<table><tr><td>N. No.</td><td>N5</td><td>N6</td><td>N7</td><td>N8</td><td>N9</td></tr><tr><td>MICROINCH</td><td>16</td><td>32</td><td>63</td><td>125</td><td>250</td></tr><tr><td>MICROMETER</td><td>0.4</td><td>0.8</td><td>1.6</td><td>3.2</td><td>6.3</td></tr></table>		N. No.	N5	N6	N7	N8	N9	MICROINCH	16	32	63	125	250	MICROMETER	0.4	0.8	1.6	3.2	6.3					ORG NO 6352	ISS 2	SHEET 2 OF 4
N. No.	N5	N6	N7	N8	N9																										
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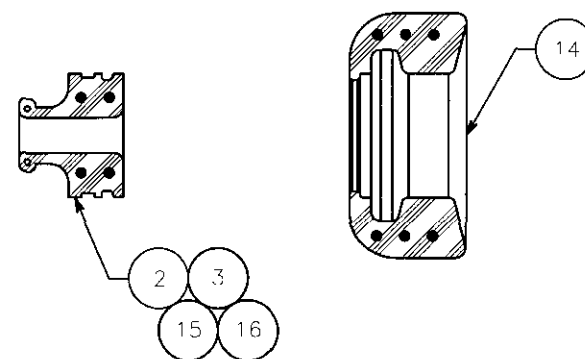
DO NOT SCALE - IF IN DOUBT ASK



BORE Ø 37.5 NOM



ENLARGED DETAIL ON
INTERFACE SECTION,
SCALE 1:3



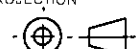
BEND STIFFENER & MOUNTING DETAILS.

ESTIMATED TOTAL WEIGHTS
(BOTH TRANSITION PIECES)

IN AIR - 23 Kg's
IN WATER - 4.5 Kg's

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	REMOVE ALL BURRS BUT LEAVE CORNERS SHARP UNLESS OTHERWISE STATED SURFACE FINISH - N7 UNLESS OTHERWISE STATED							DRAWN F. TYSON		DATE 19/12/05	- CLAMP / BEND PROTECTION - MOOS MCORING SYSTEM - Ø 34.5 NOM CABLE SIZE					
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	A CRP HOLDINGS COMPANY					UNITS MM		RELEASED BY D. GRIFFITHS	DATE 20/12/05	DRG NO 6352	ISS 2	SHEET 3 OF 4				

ITEM No.	No. OFF	MATERIAL	PART No.	DESCRIPTION
1	1	RIGID POLYMER	N/A	CENTRAL OUTER CLAMP BODY – SPLIT DESIGN (CLIENT SUPPLY)
2	8	A4-80 MIN	N/A	M 8 X 60 MM LONG SOCKET HEAD CAP SCREW – TORQUE VALUE 19 N.m
3	8	ST/ST A4	N/A	M 8 NYLOC NUT
4	1	RIGID POLYMER	T.B.C.	SEGMENTED CENTRAL CLAMP – POLYURETHANE LINED – SPRING LOADED
5	384	STAINLESS STEEL	N/A	O/D 23 X I/D 12 DISC SPRING WASHERS
6	48	A4-80 MIN	N/A	M 8 X 12 MM LONG HEX HEAD CAP SCREW – TORQUE VALUE 19 N.m
7	48	ST/ST A4	N/A	M 8 X 1.6 MM THK WASHER – FORM 'C'
8	24	ST/ST 316L	3250	Ø 12 X 72 MM LONG INSERT TUBE – TO SUIT M 8 HEX HEAD SCREWS
9	2	POLYURETHANE	T.B.C.	Ø 156 ROOT SPLIT BEND STIFFENER WITH Ø 37.5 NOM BORE SIZE
10a	28	ST/ST 316L	3250	INSERT TUBE Ø 12 X 23 MM LONG
10b	4	ST/ST 316L	3250	INSERT TUBE Ø 12 X 52 MM LONG
10c	2	ST/ST 316L	3250	INSERT TUBE Ø 12 X 72 MM LONG
10d	2	ST/ST 316L	3250	INSERT TUBE Ø 9/16" X 82 MM LONG.
10e	68	A4-50 MIN	3250	M 8 X 12 MM LONG BUTTON HEAD SCREW – TORQUE TO 4 N.m
10f	4	A4-50 MIN	3250	M 10 X 20 MM LONG BUTTON HEAD SCREW – TORQUE TO 8 N.m
10g	68	ST/ST A4	3250	M 8 WASHER Ø 3/4" X 1.6 MM THICK
10h	4	ST/ST A4	3250	M 10 WASHER Ø 24 X 1.6 MM THICK – FORM 'C'
11	2	ST/ST 316S31	4508	SPLIT OUTER CLAMP – (SPLIT BEND STIFFENER)
12	12	A4-80 MIN	N/A	M 8 X 35 MM LONG SOCKET HEAD CAP SCREW – TORQUE VALUE 19 N.m
13	1	RIGID POLYMER	N/A	SPLIT MALE INTERFACE PIECE – BSR / LINKSYN (CLIENT SUPPLY)
14	1	RIGID POLYMER	N/A	SPLIT FEMALE INTERFACE – BSR / LINKSYN (CLIENT SUPPLY)
15	4	ST/ST A4	N/A	Ø 6 X 20 LONG LOCATION DOWELS
16	1	RIGID POLYMER	T.B.C.	SPLIT INNER CLAMP – (SPLIT BEND STIFFENER)

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