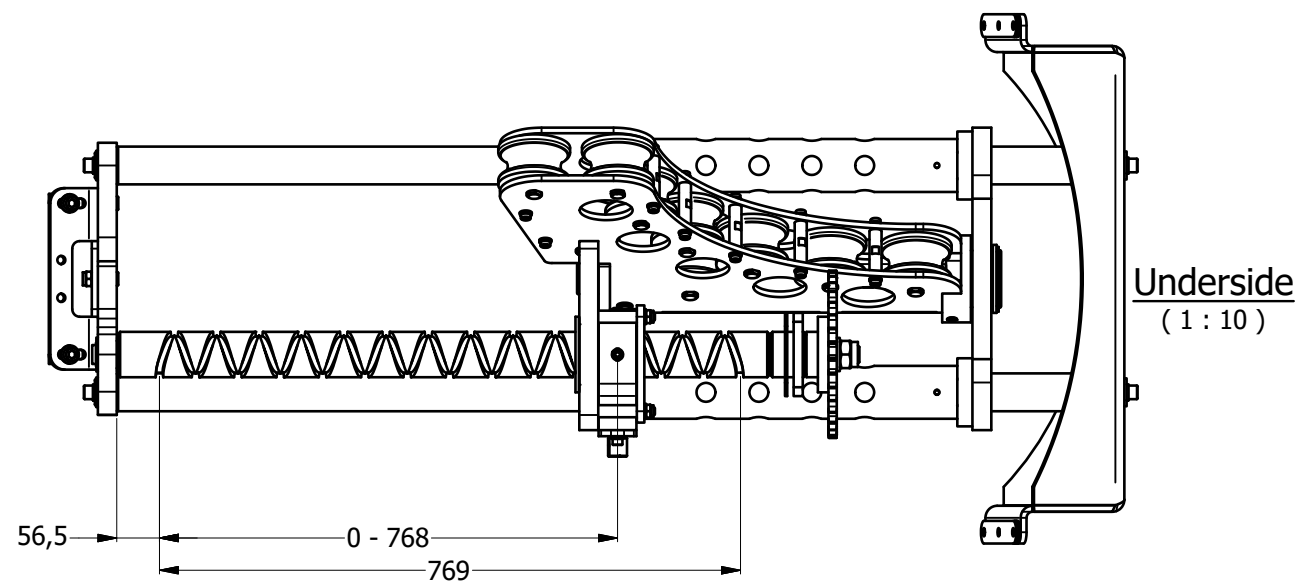
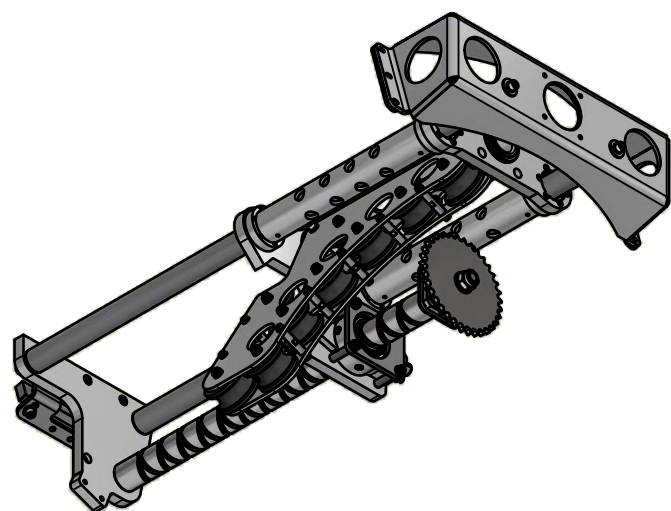
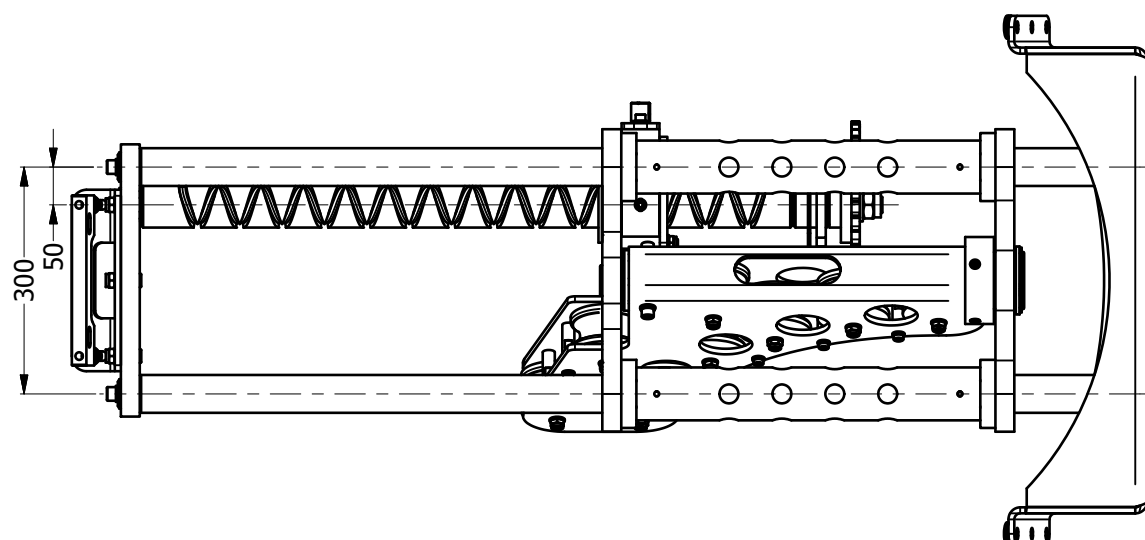
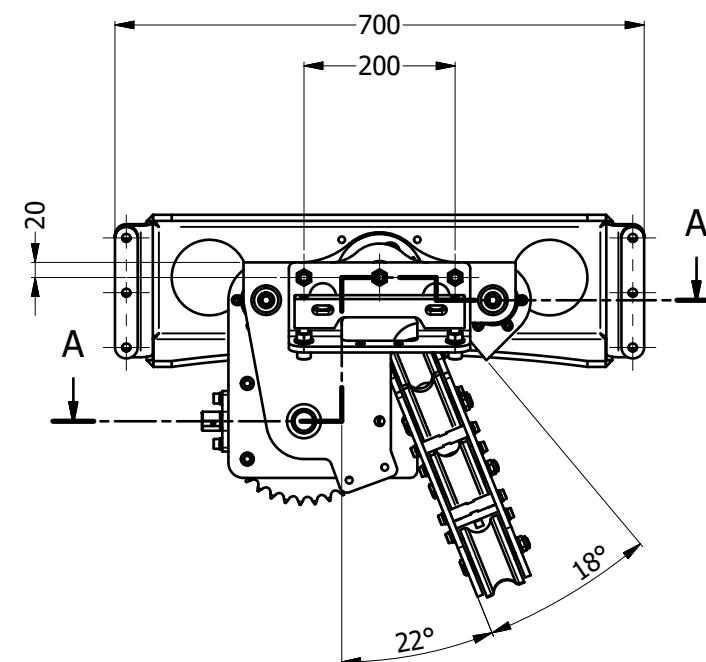
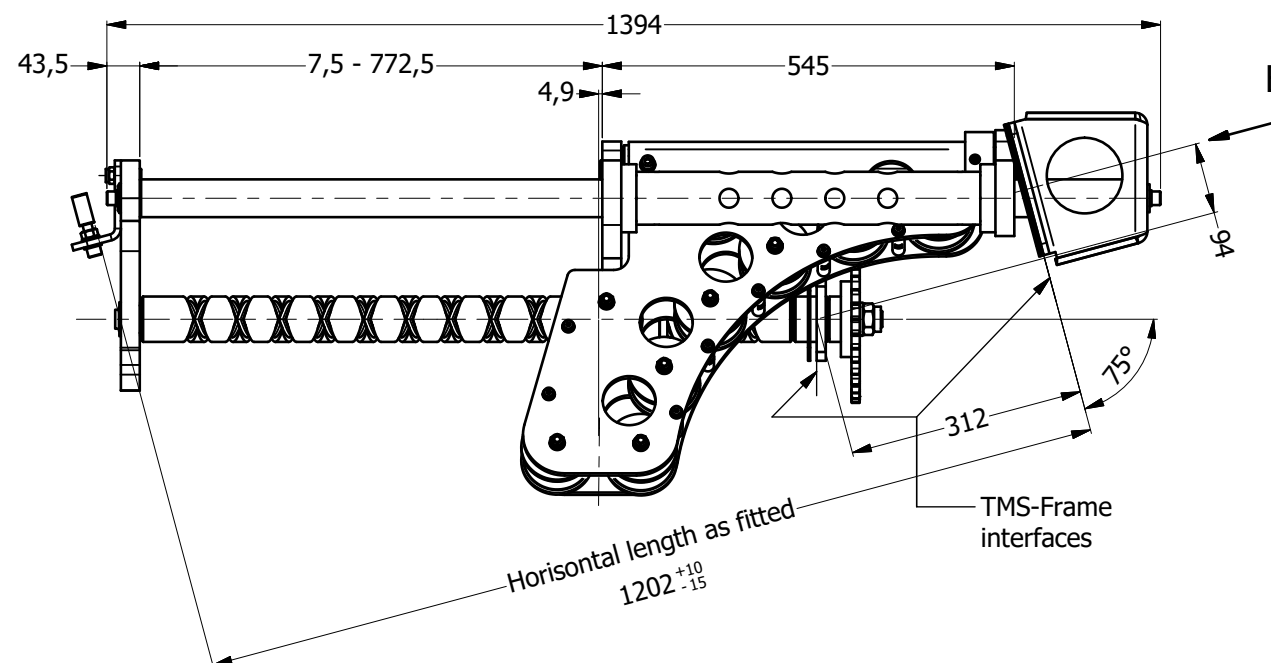


View B
(as fitted 15°)
(1 : 10)



Underside
(1 : 10)



Calculated Assembly weight: 80 kg

Suitable for Tether dia. Ø35mm
Min Tether Bend-Radius: 450mm
Full Spooling-stroke dist.: 768mm
No. of Turns Diamond-screw: 14

See sheet 2 for Section view, Assembly details and Parts List

3'	02.02.2016	As Built (S No 01-03)	MT	AHO	EKB
3	28.12.2015	Mod. fasteners details, re-IFC	MT	AHO	EKB
2	06.10.2015	Mod. matl, add. shim, re-IFC	MT	AHO	EKB
1	01.09.2015	Issued for construction	MT	AHO	EKB
A	23.03.2015	Issued for review / comments	MT	AHO	EKB
Rev	Date	Description / Comments	Prep	Chk	Appr

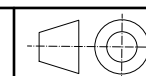
TMS KD-10

Drawing Title
Spooling Device
Spooling Device Assembly
General Arrangement

KYSTDESIGN
SUB-SEA TECHNOLOGY
WWW.KYSTDESIGN.NO

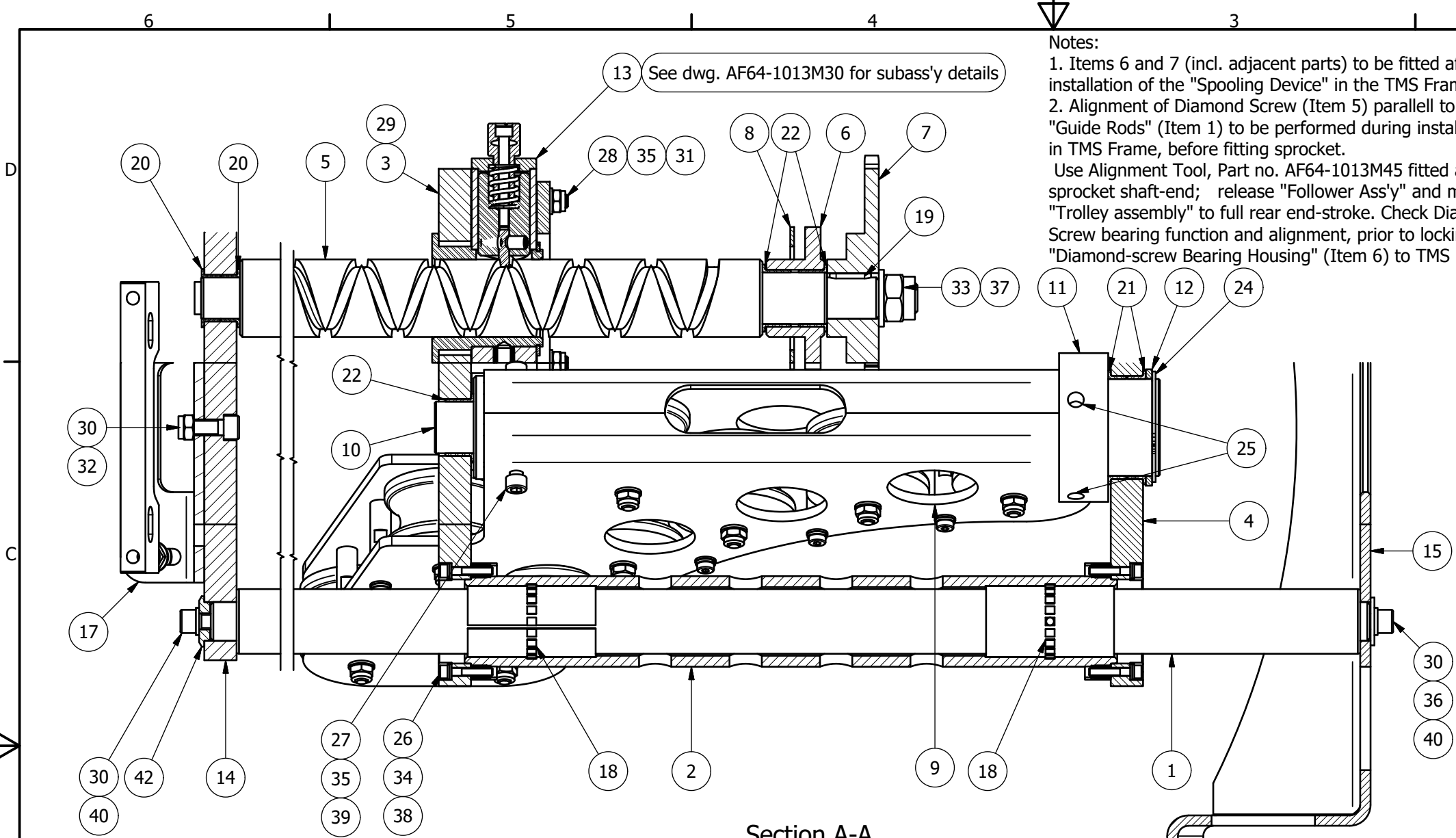
By TOLO ENGINEERING & DESIGN tolo@lyse.net (+47)99603153

Scale
1:10
File Name / Dwg. No
AF64-1013M01



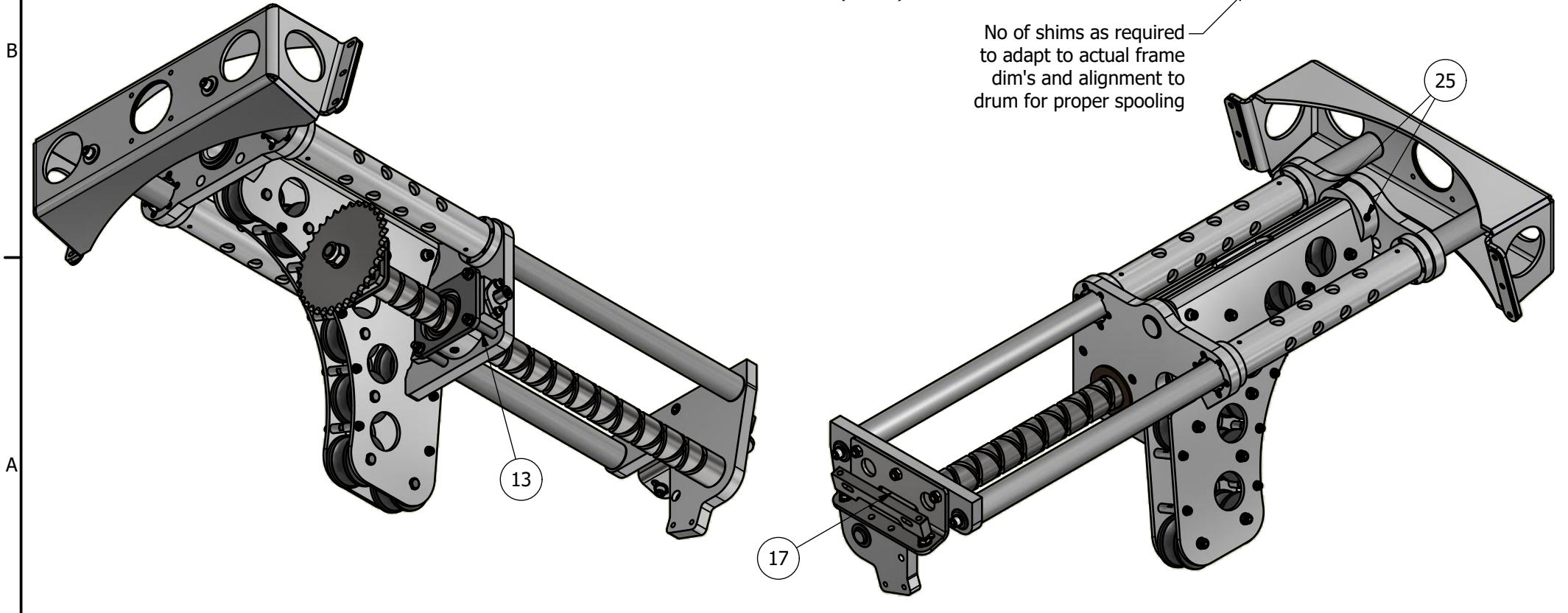
Sheet Size
A3

Sheet No
1
of (sheets)
2



Notes:
1. Items 6 and 7 (incl. adjacent parts) to be fitted after installation of the "Spooling Device" in the TMS Frame.
2. Alignment of Diamond Screw (Item 5) parallel to "Guide Rods" (Item 1) to be performed during installation in TMS Frame, before fitting sprocket.
Use Alignment Tool, Part no. AF64-1013M45 fitted at sprocket shaft-end; release "Follower Ass'y" and move "Trolley assembly" to full rear end-stroke. Check Diamond Screw bearing function and alignment, prior to locking the "Diamond-screw Bearing Housing" (Item 6) to TMS Frame.

Parts List					
ITEM	QTY	TITLE	PART NUMBER	MATERIAL	MASS
1	2	Guide Rod	AF64-1013M11	EN AW 6082-T6	7,1 kg
2	2	Bearing Sleeve	AF64-1013M12	EN AW 6082-T6	2,2 kg
3	1	Trolley Front section	AF64-1013M13	EN AW 6082-T6	4,6 kg
4	1	Trolley Rear section	AF64-1013M14	EN AW 6082-T6	1,8 kg
5	1	Diamond Screw Ø60xL765 P56 n13,5	AF64-1013M15 R2	S165M W1.4418	18,2 kg
6	1	Diamond-screw Bearing Housing	AF64-1013M16	AISI 316	1,3 kg
7	1	Sprocket 3/4" Z35	AF64-1013M17	AISI 316	4,0 kg
8	1	Bearing-housing Washer Plate	AF64-1013M18	AISI 316	0,2 kg
9	1	Spooling Roller Guide Ass'y (KD-20)	AF64-1013M20		11,4 kg
10	1	Front Pivot	AF64-1013M25	EN AW 6082-T6	0,5 kg
11	1	Rear Pivot	AF64-1013M26	EN AW 6082-T6	0,8 kg
12	1	Pivot bearing Disc	AF64-1013M27	AISI 316	0,1 kg
13	1	Follower Assembly	AF64-1013M30		3,8 kg
14	1	Front End Support	AF64-1013M41	EN AW 6082-T6	4,0 kg
15	1	Rear End Support	AF64-1013M42	Welded Aluminum	4,7 kg
16	6	Rear Support Shim	AF64-1013M46	AISI 316	0,1 kg
17	1	Front Attachment assembly	AF64-1013M50		3,1 kg
18	4	Linear bearing	Iglidur J-liner JUM-01-50	Iglidur	0,1 kg
19	1	Parallel Key 10x8x32	DIN 6885 - A10x8x32	AISI 316	0,0 kg
20	2	Flange Bushing Ø32x36x15	Iglidur XFM-3236-15	Iglidur X	0,0 kg
21	2	Flange Bushing d75x80x14	Iglidur XFM-7580-14 (mod)	Iglidur X	0,0 kg
22	3	Flange Bushing d40x44x22	Iglidur XFM-4044-22	Iglidur X	0,0 kg
24	1	Seeger ring 75 x 2.5	DIN 471	A2	0,0 kg
25	3	Set screw M10x30	DIN 916	A4	0,0 kg
26	24	Bolt M6x35	DIN 912	A4	0,0 kg
27	2	Bolt M10x25	DIN 912	A4	0,0 kg
28	4	Bolt M10x90	DIN 912	A4	0,1 kg
29	1	Bolt M12x20	DIN 912	A4	0,0 kg
30	7	Bolt M12x35	DIN 912	A4	0,1 kg
31	4	Nut M10	DIN 985	A4	0,0 kg
32	3	Nut M12	DIN 985	A4	0,0 kg
33	1	Nut M24	DIN 985	A4	0,1 kg
34	24	Washer M6	DIN 125	A4	0,0 kg
35	6	Washer M10	DIN 125	A4	0,0 kg
36	2	Washer M12	DIN 9021	A4	0,0 kg
37	1	Washer M24	DIN 125	A4	0,0 kg
38	24	Spring Washer Ø6	DIN 127	A4	0,0 kg
39	2	Spring Washer Ø10	DIN 127 - A 10	A4	0,0 kg
40	4	Spring Washer Ø12	DIN 127 - A 12	A4	0,0 kg
42	2	Guide-rod Cap	AF64-1013M19	AISI 316	0,1 kg



3'	02.02.2016	As Built (S No 01-03)	MT	AHO	EKB
3	28.12.2015	Mod. fasteners details, re-IFC	MT	AHO	EKB
2	06.10.2015	Mod. matl, add. shim, re-IFC	MT	AHO	EKB
1	01.09.2015	Issued for construction	MT	AHO	EKB
A	23.03.2015	Issued for review / comments	MT	AHO	EKB
Rev	Date	Description / Comments	Prep	Chk	Appr

TMS KD-10

Drawing Title
Spooling Device
Spooling Device Assembly
Assembly & Parts List

KYSTDESIGN
SUB-SEA TECHNOLOGY
WWW.KYSTDESIGN.NO

By TOLO ENGINEERING & DESIGN tolo@lyse.net (+47)99603153

Scale
1:10

File Name / Dwg. No
AF64-1013M01

Sheet Size
A3

Sheet No
2
of (sheets)

2