

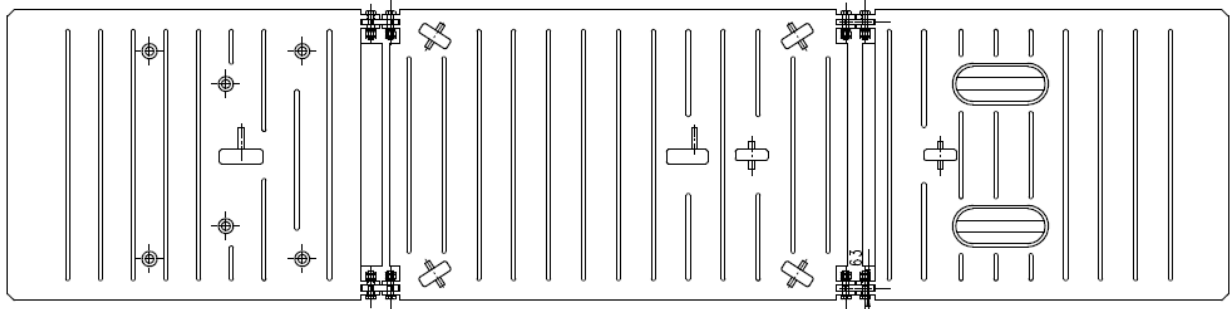


1 Description

1.1 Identification of the MMBS modular bridging system

For clear identification of the MMBS plate system, the consecutive number of the individual plates, (drive-on ramp, center plate, drive-off ramp), as well as the DOP number and the article number there are entered in the specified table and stamped on sides of the plates.

With this number, each plate can be uniquely identified.



1,33m width MMBS	drive on ramp	center plate	drive off ramp
DOP-ID	14053	14053	14053
article number	2000079834	2000079855	2000079744
consecutive number	1.....6	1.....6	1.....6

1,17m width MMBS	drive on ramp	Center plate	drive off ramp
DOP-ID	14055	14055	14055
article number	2000080030	2000080049	2000080017
consecutive number	1	1	1

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1,00m width MMBS	drive on ramp	Center plate	drive off ramp
DOP-ID	14054	14054	14054
article number	2000079931	2000079957	2000079949
consecutive number	1.....2	1.....2	1.....2

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1.2 Inspection

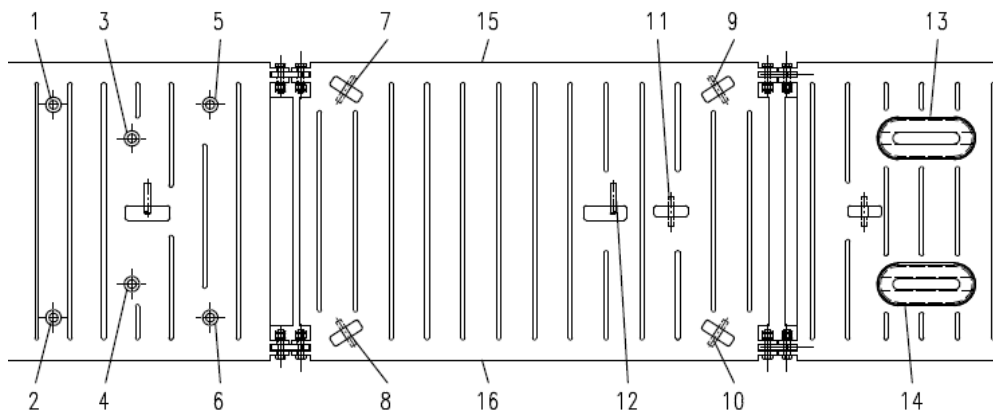
The scope of inspection and its intervals must be observed. The inspection intervals are based on the statics of the MMBS panel systems. The results of the inspection procedures as well as any repairs must be documented in the corresponding Form FO 1.557 [Inspection form / repair log].

1.2.1 Maintenance Interval A

The inspection scope A includes a visual inspection for cracks and deformations. It has to be performed in the listed areas on the welds and the milling grooves. Furthermore, all bushings and holes in the straps and hinge plates must be checked for dimensional accuracy and the measured values must be documented in a measurement report.

All 8 arrangements of bolted connections must be replaced. It concerns the anchor bolts (pos. 1-6 and 13, 14). Information on the replacement of bolts can be found in document FO 1.557 [Inspection form / repair log].

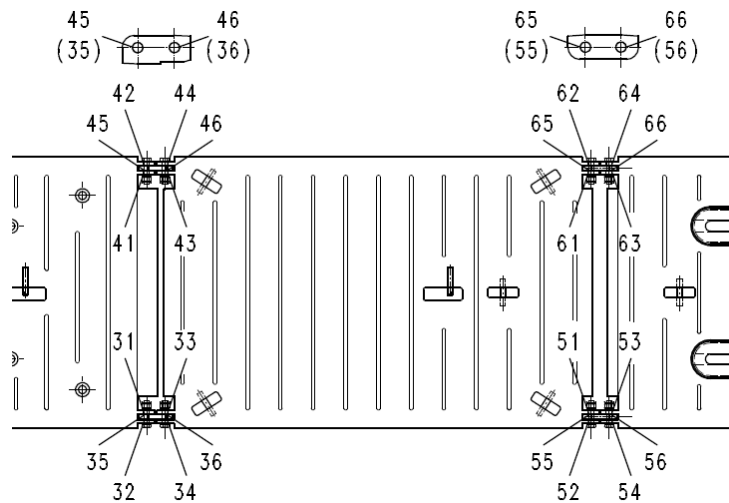
The inspection interval is 24 weeks.



Pos.	Designation maintenance A
7-10	Welded seam and milling grooves on the lifting bolts
11	Welded seam & milling grooves for lifting bolts to the flaps
12	Welded seam & milling grooves Bolt for turnbuckle
15	Crack test base material (test area ≈ 0,75m)
16	Crack test base material (test area ≈ 0,75m)

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Pos.	Designation
31-34	bushing diameter $\varnothing 25H11$
35-36	hinge connection diameter $\varnothing 25H7$ of the hole
41-44	bushing diameter $\varnothing 25H11$
45-46	hinge connection diameter $\varnothing 25H7$ of the hole
51-54	bushing diameter $\varnothing 25H11$
55-56	hinge connection diameter $\varnothing 25H7$ of the hole
61-64	bushing diameter $\varnothing 25H11$
65-66	hinge connection diameter $\varnothing 25H7$ of the hole

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1.2.2 Maintenance Interval B

The inspection scope B includes all processes from inspection scope A, and a direct visual inspection for cracks and deformations.

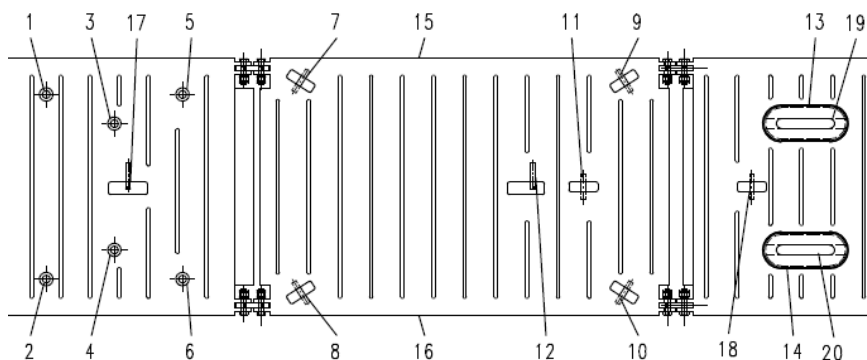
The following welds and milling grooves should be checked in addition to inspection scope A:

- Stepped hole in the drive on ramp
- Lift bolts
- Bolts for the "inclined pillar" stay
- Pockets for the hold-down clamps
- Transition between strap and plate

If cracks and deformations are found on drive on ramps, centre plate and drive off ramps, it is necessary to replace them.

If damage is found, a visual inspection according to ISO 5817 quality level B must be performed.

The inspection interval is 48 weeks.



Pos.	Designation maintenance B
1-6	stepped bore for anchor bolts
7-11	Lifting bolts
12 / 17	Bolt for inclined pillar
13 / 14	Cover plate hold-down pockets
15 / 16	Crack test drive over ramp
18	Lifting bolts
19 / 20	milling grooves hold-down pockets

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