ASSEMBLY INSTRUCTION of MPS

MPS Fixture bracket (24.70) to be fixed to the barrier at hole 1.00 m and 3.00 m (barrier with 1 m punching necessary).

1 pc. HRK M16x45, 4.6 with nut (40.01) and washer 18 (40.30) and butt plate for M16 (10.00), torque: min. 70 Nm.

Backside

Foreside

Connect fixture bracket to MPS beam with 1 HRK M16x40, 4.6 with nut (40.01) and washer 18 (40.30) and butt plate M16 (10.00)
Torque min. 70 Nm

The basis for the distance to the edge of the roadway is the leading edge of the barrier.

The installation height of the MPS beam is adjusted by means of the slot hole in the bracket in the way that the distances between the barrier and the MPS beam as well as between the MPS band the top of the roadway is maximum 5 cm.

Due to the design of radius beams it can appear, that there are deviations from the standard size.
In radiuses < 30 m, it can be necessary to adjust the inclination of the MPS fixture bracket.
For radiuses between 15 and 25 m, prefabricated radius beams shall be used.
Radiusses < 15 m shall be used as engineering solutions only in justified exceptional cases.

PASSCO L1 MPS - Notes for installation:

Structural parts

The C-posts are mounted with the closed side parallel to the traffic direction.
The longitudinal barriers are fixed to the C-posts. The safety barriers must overlap in direction of traffic.

For more details on system assembly, see the assembly table of passco L1.

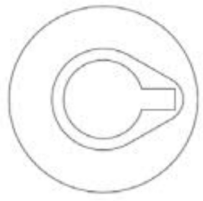
Fixture

Required bolts:

- Hexagon bolt M16 x45 8.8 with nut and washer 18 for connecting the safety barrier with the posts.
- Half-round head bolt with nose M16x27 4.6 with nut and washer 18 for connection of the safety barrier joints.
- Only hot-dip galvanized bolts may be used. The specified strength classes 4.6 and 8.8 must neither be exceeded nor fallen below.

The bolting material which has already been installed may not be reused.

The bolts must be placed vertically in the structural parts and need to be tightened properly. When bolting together the safety barriers, it must be ensured that the nose of the HRK bolt is placed properly into the tip of the drop hole of the barrier.



The following minimum tightening torques must be observed:

Bolt M16: min. 70 Nm

It is recommended to use an impact wrench adjustable to the respective torque.
Further details on the screw connection can be found in the assembly table.