

## 9 MINIRAIL Accessories

### 9.1 Plastic Plugs (MNK)



Plastic plugs for sealing the attachment holes

Plastic plugs in the guideway attachment holes prevent accumulations of dirt.

Rail size	Plastic plugs	The plastic plugs can be used with the following types of screws	
		DIN 7984	DIN 7380
7	MNK 4	-	x
9	MNK 6	-	x
12	MNK 6	x	x
15	MNK 6	x	x
14	MNK 6	-	x
18	MNK 6	x	x
24	MNK 8	x	x
42	MNK 8	x	x

### 9.2 Wipers (AS, AL and OA)



Standard wiper (blue contour = contact surface)

#### 9.2.1 Standard

The wiper brushes across guideway surfaces and tracks and provides optimal protection against contamination.

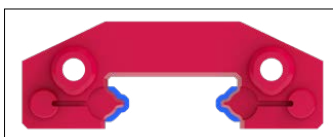


Clearance wiper (AS)

#### 9.2.2 Alternatives

##### Clearance wiper (AS)

These precisely finished clearance wipers prevent the migration of dirt particles without affecting the push force of the carriage. The AS wiper is used as standard for the LUBE-S option (see chapter 8.1).



Smooth-running wiper (AL) (blue contour = contact surface)

##### Smooth-running wiper (AL)

A compromise between the standard wiper and the type AS clearance wiper. Cleans the tracks and seals off the guideway surfaces by means of a gap. Only for sizes 7, 9, 12 and 15.

##### Without wipers (OA)

Without wipers; for use in vacuums, among other applications

### 9.3 Relubrication Set (MNW)

A relubrication set with KLÜBER Structovis GHD allows the MINIRAIL carriages to be lubricated via the two lubrication holes in the wipers.



Relubrication set (MNW), contents 7 ml