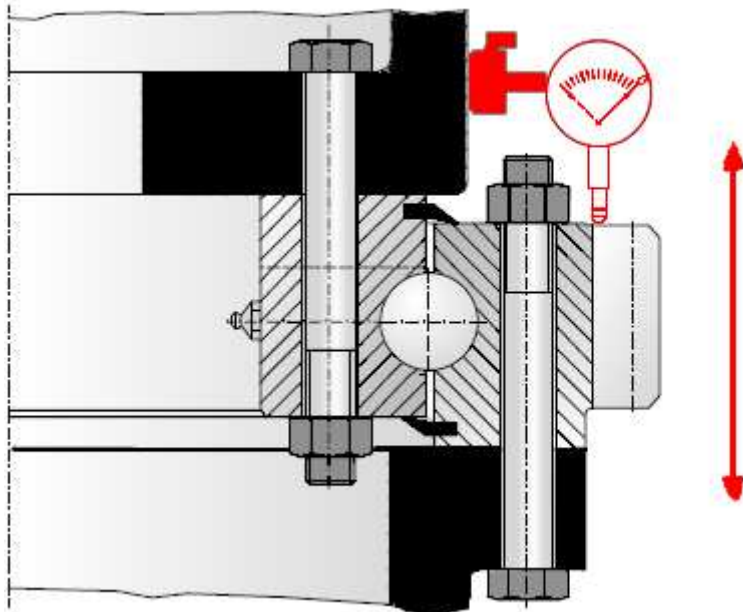


Checking the tilting clearance



Raceway wear leads to increased tilting clearance. It is therefore necessary to check the tilting clearance during maintenance. Checking the increase in tilting clearance directly on the Slewing Ring. The value determined after installation of the Slewing Ring is considered as the basic value and is deducted from the measured value. Replace the Slewing Ring if the maximum permissible increase in tilting clearance is reached. The limits for permissible increase in tilting clearance are given in the following table at which the Slewing Ring must always be exchanged.

Maximum allowed increase in tilting clearance						
Rolling element diameter (mm)	12	16	20	25	32	40
Ball supporting clearance (mm)	1.02	1.16	1.30	1.48	1.72	2.00
Roller supporting clearance (mm)	0.18	0.25	0.32	0.40	0.52	0.65
Rolling element diameter (mm)	45	50	60	70	80	100
Ball supporting clearance (mm)	2.18	2.35	2.70	3.05	3.40	4.10
Roller supporting clearance (mm)	0.74	0.82	0.99	1.16	1.33	1.67