Error sources and testing

Brake disc checklist

		OK	Not OK	Remark
Visual inspection	Hub flange surface not cleaned			
	Imprint, rust, dirt			
	Grease on the contact surface			
	Brake disc overheated			
	External damage/cracks			
Possible installation errors	Flange area of the hub not OK			
	Brake disc or hub flange warped, hub surface not cleaned			
	Consequential error: lateral run-out, thickness tolerance			
	Wheel bearing play			
Possible delivery errors	Not complete			
	Wrong part: wheel bolt pattern or center hole incorrect			
Testing with brake disc measuring device	Clean brake disc and clamp it flat			
	Axial true run < 0.05 mm (lateral run-out)*			
	Parallelism < 0.02 mm (thickness tolerance)*			

*Does not apply to all brake discs.