

Classification of exciter ring teeth

on axles of the SAF axle generation 06 (B, S and Z Series)
with disc and drum-braked axles for 9 to 11 ton axle load

With the launch of the axle generation 06, SAF will be supplying the exciter ring and sensor bracket as standard and preinstalled. In this context, the number of teeth on the exciter rings has been defined for only 2 sizes (80 and 90 teeth).

The number of teeth is now dependent on the wheel mounting; the tyre size installed and their dynamic rolling circumference have been taken into consideration.

Wheel mounting			Tyre size	No. of teeth
No. of bolts	Centre bore	Bolt pitch circle		
10	280	335	19.5" / 20-22.5"	90
10	220	285.75	19.5" / 22.5"	90
8	220	275	19.5"	90
10	175	225	19.5" / 15-17.5"	80

Note:

On the SAF axle generation 06 (B, S and Z series), the position of the exciter ring is on the inside of the wheel hub, irrespective of the type of brake (disc or drum).

Disc brake



Drum brake



Exciter wheel and sensor holder of the SAF axle generation 06 (B, S and Z series) as standard and preinstalled on the inside of the wheel hub