

New brake pads and brake discs in series production !

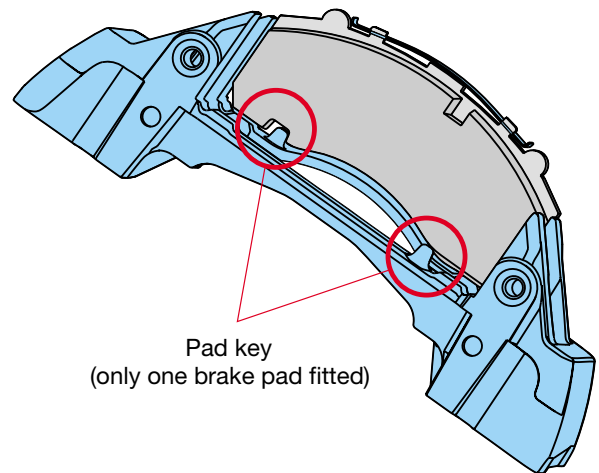
Brake pads and brake discs with optimised wear characteristics have been introduced into standard series production with the changeover to tangentially mounted disc brakes.

1. Disc brake pads

The new brake pads use the optimised Textar T 3030 friction material. The pads are **exclusively produced for BPW** and are **also suitable for all previous brake configurations**. However, it is not possible to fit old style pads into tangentially bolted disc brakes due to the newly introduced pad key.

Advantages:

- The pad is installed in the correct position due to the asymmetrically arranged pad key
- Matches the universally recognised brake disc quality of BPW. The ideal friction pairing of the pad and disc means the performance potential of the BPW disc can be fully utilised. Users will notice a significant reduction in costs
- BPW guarantees the pad will display constant wear characteristics throughout its entire life
- Improved bedding-in characteristics thanks to a coating which increases the coefficient of friction
- Brake-specific characteristic data remain unchanged. The certificates for the T 3030 brake pad remain valid
- Increased pad volume



The following repair kits are available for the three sizes of brake:

Brake	Designation	Order no.	Contents for one axle
SB 3745	Brake pad SB 3745 repair kit	09.801.06.43.0	Pads, adjustable adapter, caps, clamping springs, pins, discs and fasteners
SB 4309	Brake pad SB 4309 repair kit	09.801.06.44.0	
SB 4345	Brake pad SB 4345 repair kit	09.801.06.45.0	

 **The brake pads must only be fitted and changed as a complete axle set !**



2. Brake discs

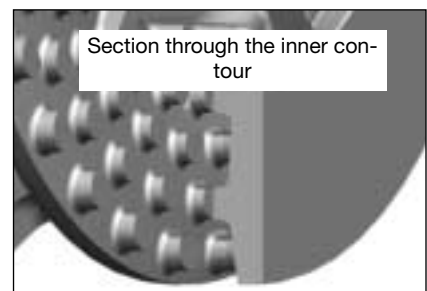
The introduction of the new brake discs represents a further improvement to the proven BPW concept of the collar disc. Controlling the thermal characteristics was the focal point of development work to optimise wear resistance and increase reliability.

The quality of brake discs is derived from a combination of the **design shape**, the **material used** and the **standard of machining**. In particular, the chemical composition of the alloy is responsible for a wide range of properties and is therefore the determining factor in disc performance.

For years now, **BPW has taken account of this technological interplay** in its brake disc development work and adapts its brake discs to actual operational requirements.

The new BPW brake discs offer the following specific advantages:

- Increased surface area for more effective heat dissipation
- Optimisation of material for improved heat distribution over the surface of the disc
- Venturi contour for optimum internal air flow
- Adapted for the optimised BPW T 3030 brake pads
- High resistance to wear
- Simplified spare parts provision thanks to uniform brake discs for offsets ET 0 and ET 120



The following table presents an overview of the configurations:

Brake	Up to 04/2003, disc / hub type	From 05/2003, disc / hub type	Ø pitch circle, hole pattern	Remark
SB 3745	03.088.34.01.0 / S-hub	03.088.34.01.0 / S-hub	275 / 8-hole	
	03.088.34.03.0 / S-hub	03.088.34.03.0 / S-hub	275 / 8-hole	with mounting for ABS pole wheel
	03.088.34.06.0 / S-hub	03.088.34.10.0 / S-hub	335 / 10-hole	
	03.088.34.04.0 / S-hub	03.088.34.13.0 / S-hub	335 / 10-hole	with mounting for ABS pole wheel
	03.088.34.08.0 / B-hub	03.088.34.10.0 / S + B-hub	335 / 10-hole	
SB 4309		03.088.35.05.0 / S + B-hub	335 / 10-hole	
SB 4345	03.088.35.03.0 / S-hub	03.088.35.05.0 / S-hub	335 / 10-hole	.. 05.0 replaces .. 03.0

The previous brake discs 03.088.34.01.0 / .. 03.0 / .. 04.0 / .. 06.0 / und .. 08.0 continue to be available as spare parts.