

# Windshield Wipers

The requirements placed on a windshield wiper during its use are extremely demanding. They must provide for good vision quickly and without streaks, withstand sunlight, heat and cold, remove insect residues and bird droppings and some drivers even use them as ice scrapers.

Did you know that a windshield wiper cleans a surface of approx. 60 football fields during an average service life? In the process, it covers approx. 800 km with over 500,000 wiping movements, and that on a rubber wiping lip cut with an accuracy of 1/100 mm. Here demanding quality requirements go without saying – not just because a safety component is concerned.

With its extensive product line, Würth offers a solution for virtually every conventional wiper blade.

You can choose from setware in standard and spoiler versions, workshop packages for mounting individually on the vehicle or replacement rubber blades, so-called refills, for commercial vehicles and for passenger cars.

Volkswagen was the first vehicle manufacturer to introduce the so-called flat blades (jointless wiper blades) in its series

production in 2001. Since then virtually all manufacturers have followed this conversion from conventional to jointless wiper blades in their vehicle line. As a result, virtually 100% conversion has taken place in the original equipment. Due to the innovative design in conjunction with the higher wiping quality and increased convenience, the flat blade was then developed for retrofitting in order to provide the possibility of upgrading older vehicles with standard conventional wiper blades to the new wiper technology. In the process, attention was paid to providing a simple, user-friendly solution. With the preinstalled multi-adapter, it is possible to convert all common hook arms (conventional wiper arm technology) of older vehicles to flat-blade technology. Here as well, Würth offers an extensive assortment with a total of 42 different articles in both product lines. The flatblade assortment was supplemented by the Flatblade-Multi-Line – the advantages are obvious! A slim assortment on maximum covering has been reached by the innovative adapter system!

## Program Schedule

### Setware – *FIRSTEC*

#### Passenger Cars/Vans (P. Qty. 2)

– 0848 6..	Spoiler wipers (conventional technology)	23 article
– 0848 7..	Standard wipers (conventional technology)	26 article
– 0848 9..	Rear wipers (conventional technology)	3 article
– 0848 3..	Flat blade for retrofitting (conversion from conventional technology to flat blade technology)	16 articles
– 0848 4..	Flat blade (jointless wiper blade on newer vehicle models)	26 articles

#### Commercial vehicles/Busses (P. Qty. 1)

– 0848 8..	Standard wipers (conventional technology)	11 articles
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**For detailed information or uses, see the current "Firstec" windshield wiper brochure.**

### Individual Package (blister)

#### Passenger Cars/Vans (P. Qty. 10)

– 0848 030 ...	Flat blade Multi (jointless wiper blade for newer and older vehicle models)	10 articles
– 0848 070 ...	Standard wipers (conventional technology)	15 articles

### Workshop Package

#### Commercial vehicles (P. Qty. 6)

– 0848 180 ...	Standard wipers (conventional technology)	5 articles
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### Refills

#### Passenger cars/Vans (P. Qty. 40 or 20)

– 0848 106 10	Standard and spoiler wipers (conventional technology) for 610 mm	1 article
– 0848 147 50	Standard and spoiler wipers (conventional technology) for 750 mm	1 article
– 0848 175 0	Flat blade wiper blades (BOSCH, Aerotwin)	1 article

#### Commercial vehicles/Busses (P. Qty. 10)

– 0848 177 50	Standard wipers up to 750 mm (conventional technology)	1 article
– 0848 181 050	Standard wipers up to 1,000 mm (conventional technology)	1 article

We achieve a market coverage of 95% with our passenger car and van product line. For commercial vehicles we can ensure a coverage of 93%.