

@ BEKAERT

better together

# Steel wire for street sweepers

## Benefits

- 1 Handles any weather condition
- 2 Allows extensive and prolonged use
- 3 Customizable features

Extend the service-life and reliability of your street sweepers with Bekaert's high quality, high carbon steel wire. Depending on your type of brush or production process, you can choose a different shape, hardness or finishing. Bekaert brush wires feature high fatigue life and excellent wear resistance leading to a long-lasting brush life. Bekaert offers half products for the production of street sweeper brushes: round wire for cylindrical and flattening brushes, and flat wire for gutter brooms.



## Invest in a longer brush life

Street sweepers are a commodity product. It might be tempting to choose cheaper brush wires for your production. However, bargain steel filaments will inevitably wear down or break off quicker than higher-grade wires. This could taint product with a low-end reputation. With Bekaert brush wire, you get the best quality for value.

## Choose reliability

Bekaert brush wires stand out by their long service life. They feature a high corrosion resistance, high hardness and excellent fatigue properties. The wires are efficient at removing dirt, weeds and abrasive debris.

## Optimize your production process

Bekaert brush wire for street sweepers are trimmed and balanced to achieve smooth rotation and unwinding at high speeds, while generating less dust.

## Why choose Bekaert?

### Your global partner

Bekaert has been producing steel wire solutions for over 130 years, for customers in over 120 countries. As a global company that places high value on quality, we make sure that our products meet international standards. Our production sites are strategically located around the globe and we have a wide network of local sales representatives who are at your service at all times.

### Experienced producer of steel brush wires

Bekaert brush wires are available in a wide range of tempers, tensile strengths and steel alloys. Whether your brushes need to clean, polish or deburr, we are able to adapt the diameters, hardness or surface finish to provide wire that contributes to the perfect brushing effect.

## Balance the right properties for the optimal brush effect

Each broom or brush has its own specific requirements. While Bekaert's round wire for cylindrical and flattening brushes can be galvanized for superior corrosion resistance, Bekaert flat wires for gutter brooms are hard-rolled or oil tempered to create a better resistance to fatigue and wear.

## Product range

### ROUND WIRE FOR CYLINDRICAL OR FLATTENING BRUSHES

Specifications: DS-05-00 and DS-05-09

Packaging: spoolless cores

	Grade	Diameter	Tensile strength
Bright	Grade A	0.70 mm	min. 1800 N/mm <sup>2</sup>
	Grade B	0.70 mm	min. 2000 N/mm <sup>2</sup>
	Grade C	0.70 mm	min. 2400 N/mm <sup>2</sup>
Electrogalvanized / hot-dip galvanized	Grade A	0.70 mm	min. 1800 N/mm <sup>2</sup>
	Grade B	0.70 mm	min. 2000 N/mm <sup>2</sup>
	Grade C	0.70 mm	min. 2400 N/mm <sup>2</sup>

### FLAT BRUSH WIRE FOR GUTTER BROOMS

Specifications: DS-05-02 and DS-05-04

Packaging: spoolless cores, Brehmer coils and big metal spools

	Grade	Diameter	Tensile strength
Hard-rolled		2.0 x 0.50 mm	1600 - 1800 N/mm <sup>2</sup>
		2.20 x 0.60 mm	1600 - 1800 N/mm <sup>2</sup>
		2.80 x 0.45 mm	1600 - 1800 N/mm <sup>2</sup>
Oil tempered		3.30 x 0.60 mm	
		2.0 x 0.50 mm	HRC 30N 64 - 68
		2.20 x 0.60 mm	HRC 30N 64 - 68
		2.80 x 0.45 mm	HRC 15N 83 - 86
		3.30 x 0.60 mm	HRC 30N 64 - 68



## Proven quality

To create products that meet your specific needs, Bekaert is using a total quality management system. This process includes evaluating best practices across the organization and matching them to international benchmarks.

The production of Bekaert high carbon steel wire for street sweepers meets ISO 9001 and ISO 14001 standards.



Contact us

More  
Information?

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