

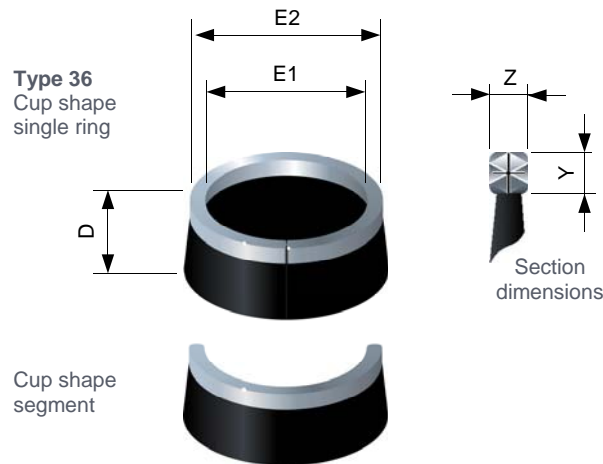
Product Information



**Brushstrip cup shape coil**  
Special manufacture

Manufactured to order in single ring or segment format. A range of fill materials including synthetic, wire and natural is available to suit all applications.

For more information  
Phone  
**0117 958 2450**  
Or visit  
**www.ksltd.com**



| Features   |
|--|
| • Eight nominal section sizes                              |
| • Fill materials to suit all applications                  |
| • Electroplated mild steel or stainless steel backing tape |
| • Profile or castellated trims                             |

**Light duty**

| Section code | BRUSHSTRIP DIMENSIONS |      |                |                    | FILL MATERIALS |      |                       |      |                                 |      |
|--------------|-----------------------|------|----------------|--------------------|----------------|------|-----------------------|------|---------------------------------|------|
|              | Section dimensions    |      | Brush diameter |                    | Synthetic      |      | Steel Stainless steel |      | Phos Bronze Nickel Silver Brass |      |
|              | Y                     | Z    | E1 Min         | E Tol              | Min            | Max  | Min                   | Max  | Min                             | Max  |
| M1           | 2.00                  | 1.70 | 9.50           | Min to 75<br>±0.50 | 0.06           | 0.20 | 0.06                  |      | 0.06                            | 0.06 |
| M2           | 2.10                  | 1.80 | 25.00          |                    | 0.06           | 0.20 | 0.06                  |      | 0.06                            | 0.06 |
| A1           | 2.75                  | 2.40 | 9.50           | 76 to 300<br>±1.00 | 0.06           | 0.25 | 0.06                  | 0.11 | 0.06                            | 0.13 |
| A2           | 2.70                  | 2.50 | 13.00          |                    | 0.06           | 0.25 | 0.06                  | 0.11 | 0.06                            | 0.13 |
| B1           | 3.85                  | 3.80 | 22.00          | Over 300<br>±2.00  | 0.06           | 0.30 | 0.06                  | 0.13 | 0.06                            | 0.19 |
| B2           | 4.00                  | 3.70 | 25.50          |                    | 0.06           | 0.30 | 0.06                  | 0.13 | 0.06                            | 0.19 |

**Medium duty**

| Section code | BRUSHSTRIP DIMENSIONS |      |                  |                    | FILL MATERIALS |      |                       |      |                                 |      |
|--------------|-----------------------|------|------------------|--------------------|----------------|------|-----------------------|------|---------------------------------|------|
|              | Section dimensions    |      | Overall diameter |                    | Synthetic      |      | Steel Stainless steel |      | Phos Bronze Nickel Silver Brass |      |
|              | Y                     | Z    | D Min            | D Tol              | Min            | Max  | Min                   | Max  | Min                             | Max  |
| C1           | 4.95                  | 4.55 | 25.50            | Min to 75<br>±0.50 | 0.06           | .035 | 0.06                  | 0.19 | 0.06                            | 0.25 |
| C2           | 5.05                  | 4.60 | 32.00            |                    | 0.06           | .035 | 0.06                  | 0.19 | 0.06                            | 0.25 |
| D1           | 6.50                  | 6.10 | 28.50            | 76 to 300<br>±1.00 | 0.06           | 0.45 | 0.06                  | 0.25 | 0.06                            | 0.29 |
| D2           | 6.35                  | 6.10 | 38.00            |                    | 0.06           | 0.45 | 0.06                  | 0.25 | 0.06                            | 0.29 |
| E1           | 7.80                  | 6.65 | 44.50            | Over 300<br>±2.00  | 0.06           | 0.50 | 0.06                  | 0.29 | 0.06                            | 0.34 |
| E2           | 7.80                  | 6.80 | 51.00            |                    | 0.06           | 0.50 | 0.06                  | 0.29 | 0.06                            | 0.34 |

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Product Information



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**Brushstrip cup shape coil**  
Special manufacture

**Heavy duty**

| Section code | BRUSHSTRIP DIMENSIONS |       |                |                     | FILL MATERIALS |      |                          |      |                                       |      |
|--------------|-----------------------|-------|----------------|---------------------|----------------|------|--------------------------|------|---------------------------------------|------|
|              | Section dimensions    |       | Brush diameter |                     | Synthetic      |      | Steel<br>Stainless steel |      | Phos Bronze<br>Nickel Silver<br>Brass |      |
|              | Y                     | Z     | E1 Min         | E Tol               | Min            | Max  | Min                      | Max  | Min                                   | Max  |
| G1           | 9.35                  | 8.90  | 51.00          | Min to 300<br>±1.50 | 0.06           | 0.90 | 0.06                     | 0.34 | 0.06                                  | 0.46 |
| G2           | 9.45                  | 8.75  | 63.50          |                     | 0.06           | 0.90 | 0.06                     | 0.34 | 0.06                                  | 0.46 |
| H1           | 12.15                 | 11.75 | 70.00          | Over 300<br>±2.00   | 0.06           | 1.40 | 0.06                     | 0.46 | 0.06                                  | 0.56 |
| H2           | 12.15                 | 11.50 | 76.00          |                     | 0.06           | 1.40 | 0.06                     | 0.46 | 0.06                                  | 0.56 |

**Section code**

Nominal size: M to H  
1: Electroplated mild steel, 2: Stainless steel

Dimensions are in mm

**How to specify  
Type 36 Cup shape coil**

Specify the following together with any additional requirements according to your application:

- ▶ Brush type
- ▶ Section code
- ▶ Fill material
- ▶ Diameter (E1 or E2)
- ▶ Trim (D)
- ▶ Degree of segment



Vacuum head sealing

**Technical notes**

**Fill materials**

To ensure best performance, the selection of the fill material is of paramount importance. Characteristics such as bend recovery, resistance to abrasion and chemicals are available on request. Minimum orders may apply on certain materials and colours.

**SYNTHETICS**

**NYLON** - Durable general purpose filament with good bend recovery, flex life and abrasion resistance. Max temp 120°C. Available in heat stabilised grades.

**NYLON CONDUCTIVE** - Properties of standard Nylon with a conductive coating for anti-static applications.

**NYLON FR(H)** - Fire retardant Nylon with low smoke density and zero halogens.

**NYLON ABRASIVE** - Abrasive impregnated filament for deburring and cleaning. Good fatigue and chemical resistance. Grit size 60 - 800 (SIC) or (ALO)

**POLYPROPYLENE** - Good chemical resistance with less water absorption than Nylon. Max temp 60°C.

**POLYESTER** - Excellent filament with good stiffness, bend recovery and abrasion resistance. Particularly suitable for wet applications. Max temp 100°C

**NATURAL MATERIALS**

**HORSEHAIR, BRISTLE, and GOAT HAIR** - Excellent resistance to taking a set, good bend recovery and resistance to sunlight. Soft to medium stiffness.

**METALLICS**

**STEEL** - Crimped or flat wire.

**STAINLESS STEEL** - Crimped wire AISI304

**PHOS BRONZE, BRASS, NI SILVER** - Crimped wire

**Cutting to length**

Brushstrip should be cut to length with side action croppers to ensure the ends are completely sealed and avoid spillage of the filaments.

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