

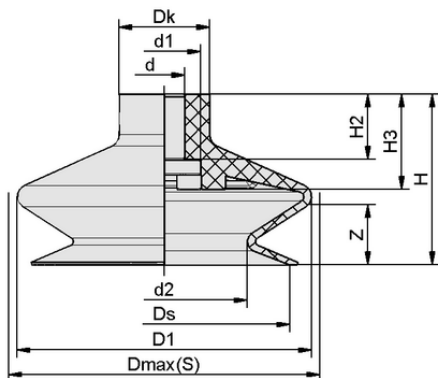
Art.-Nr.: 10.01.06.00427



FGA 43 NK-45 N018

**Technical data**

| Attribute                   | Value             |
|-----------------------------|-------------------|
| Suction cup material        | Natural rubber NK |
| Material hardness [Shore A] | 45.0 Shore A      |
| Size                        | 43.00             |
| Number of folds             | 1.5               |



Design data FGA 43 NK-45 N018

**Design data**

| Attribute            | Value    |
|----------------------|----------|
| Height H2            | 13.00 mm |
| Height H             | 27.60 mm |
| Outside diameter D1  | 45.9 mm  |
| Head diameter Dk     | 18.0 mm  |
| Internal diameter d1 | 14.5 mm  |
| d2                   | 21.9 mm  |
| Internal diameter d  | 8.00 mm  |
| Spring stroke Z      | 10.0 mm  |
| Diameter Ds          | 38.0 mm  |
| Height H3            | 17.10 mm |

Note: Acceptable dimensional tolerances for elastomer parts concerning to DIN ISO 3302-1 M3

Art.-Nr.: 10.01.06.00427

**Technical data**

| Attribute                      | Value             |
|--------------------------------|-------------------|
| Suction cup material           | Natural rubber NK |
| Workpiece radius min. (convex) | 60.0 mm           |
| Suction force (-600mbar)       | 22.80 N           |
| Weight                         | 10.00 g           |
| Size                           | 43.00             |
| Number of folds                | 1.5               |
| Product family                 | FGA               |

Note: Suction force: The suction force values are theoretical values at -0.6 bar vacuum and a dry, smooth and even workpiece surface – they are specified without safety factors. Hose inner diameter: The recommended hose diameter refers to a hose length of approx. 2 m

**Further documentation**

CAD data and other documents relating to the article can be found at: [www.schmalz.com/10.01.06.00427](http://www.schmalz.com/10.01.06.00427)

**Ordering Data Accessories 10.01.06.00427**

| Typ                           |                           | Item number    |
|-------------------------------|---------------------------|----------------|
| Suction cup connection nipple | SA-NIP N018 G1/4-AG DN440 | 10.01.06.01065 |
| Suction cup connection nipple | SA-NIP N018 G1/4-IG DN440 | 10.01.06.01066 |

