

# ROTAFRIX®

## Friction Weels

### Construction

- ROTAFRIX® friction wheels consist of
- Rubber compound
  - Metal hub

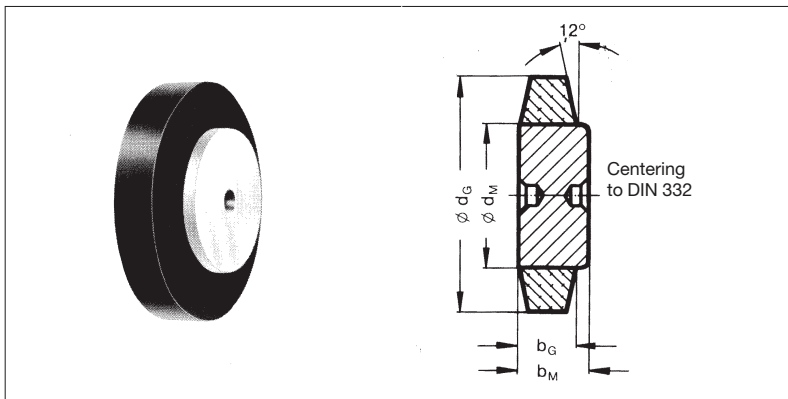


Fig.1

ROTAFRIX® friction wheel standard finish

#### Rubber compound

The properties of the rubber compound are matched to the special properties of friction wheels.

Polychloroprene rubber

Hardness 80 Shore A

Permissible friction lining temperature -30°C to +70°C

Wear-resistant and largely oil-resistant

#### Metal Hub

The metal hub is manufactured of commercially available 9 S 20 K free-machining steel. The hub has two center holes for subsequent machining. The metal hub is wider than the friction lining on one side to permit proper mounting of the rolling contact gear.

#### Tolerances

The elastomer hardness tolerance is  $80 \pm 5$  Shore A.

The rubber compound of ROTAFRIX® friction wheels is toleranced to ISO 3302 M3. The metal hub is toleranced to ISO 2767 - m.

#### Product Range

The standard range comprises the dimensions listed in the datasheet constructed in the finish outlined in the "Construction" section. They comply with Series 20 DIN 323.