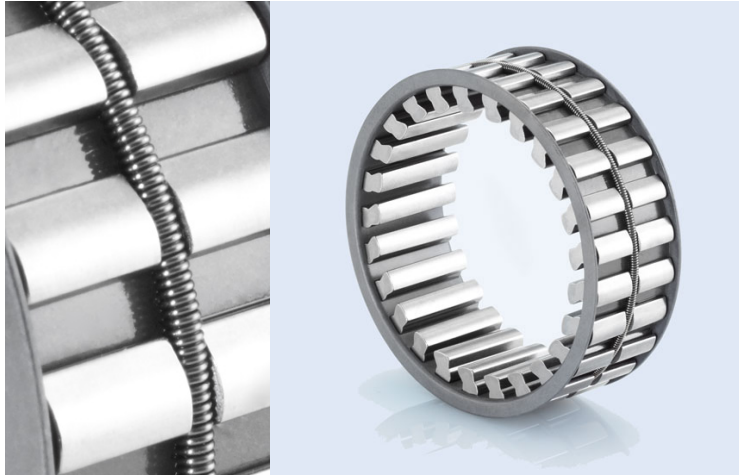


Insert Element FE 8049 Z 19



Item number 300539

Components

Freewheel clutch

- Spring
- Cage
- Sprags

Insert Element FE 8000 Z

Tension spring (Z)
 Stamped/ drawn steel
 Hardened bearing steel
 Start gap height $h_0 = 8,33 \text{ mm}$

Key values

Ø Shaft d:	49.72 mm
Ø Hub D:	66.38 mm
Installed width W:	19 mm
Torque T_{nom} :	1201 Nm
Speed n_{max} :	0 rpm
Number of sprags:	23
Weight:	0.11 kg
Operating temperature:	max. 170°C

Lubrication

Oil or grease lubrication

Delivered with corrosion protection.
 Operative grease filling on request.

Installation

Installation tolerances

Shaft h6; hub H6

Inner ring/shaft

Steel, HRC 60⁺⁴ (HV 700⁺¹⁰⁰); Eht ≥ 1,3 mm; Rz ≤ 2,5 µm

Outer ring/housing

Steel, HRC 60⁺⁴ (HV 700⁺¹⁰⁰); Eht ≥ 1,3 mm; Rz ≤ 2,5 µm

Constraints

The freewheel clutch insert element requires axial constraints on both sides.

Mating parts

Hardening and grinding of the mating parts is necessary. Chamfered shafts and hubs ease installation.

Bearing

Freewheel clutch insert elements are not self-centering. External bearing support to define the gap between mating parts (Shaft and housing) is necessary.

