

## SNG T – maintenance free sliding bearings on steel backing

### 1. Structure

PTFE and graphite compound on metal backing (steel, aluminum or stainless steel). Sliding layer is thick enough to allow machining for the lowest clearance values.

### 2. Characteristics

- maintenance free, self lubricating bearing material with low coefficient of friction,
- low stick-slip effect,
- high pv values in dry conditions,
- carries edge loads,
- compensates misalignments,
- reduces noise and vibrations,
- no water absorption,
- high wear resistance,
- thermally stable dimensions,
- on stainless steel – high chemical resistance.

### 3. Applications

- hinges, tensioners, levers, shock absorbers, guiding elements, joints, expansions grooves, valves, pumps, mechanisms etc.

### 4. Availability

- to order: plates, cylindrical bushes, flanged bushes, deep-drawn bearings

Thickness [mm]	steel backing	stainless steel backing	aluminum backing
0,5	•		•
0,75	•	•	•
1,0	•	•	•
1,5	•		•
2,0		•	•

### 5. Technical parameters

Parameter			Unit	Value
Maximum load			MPa	180
Work temperature	maximum	+180	°C	+180
Coefficient of friction	dry		-	0,06 – 0,3

### 6. Assembly tips

Assemble with stepped shaft in housings with insertion chamfer.  
 Bushes should be assembled with constant force, without twisting of the bush.

