



- 4 Type**
- OS** without plastic cap
  - KS** with plastic cap, gliding
  - KR** with plastic cap, non-gliding

<b>1</b>	<b>2</b>	<b>3</b>											
$d_1$	$d_2$	$l_1 \approx$				$d_3$	$l_2$	$l_3$	$l_4$	$l_5$	A/F	Static load in kN	
50	M 10	37	47	57	72	-	8	12,5	11,5	14	13	5	13
50	M 12	41	51	61	71	91	8	12,5	11,5	14	13	6	13
50	M 16	59	69	89	114	-	12	14,5	13,5	16	15	8	30
60	M 16	59	69	89	114	-	12	14,5	13,5	16	15	8	30
60	M 20	78	88	113	138	-	15,5	16,5	15,5	18	17	10	50

**Specification**

- Steel
  - Tensile strength class 5.8 (500 N/mm<sup>2</sup>)
  - zinc plated, blue passivated
- Plastic caps:
  - Type KS  
Technopolymer (Polyacetal POM)  
white (natural colour) RAL 9001
  - Type KR  
Elastomer (TPE)  
78 Shore A  $\approx$   
black
- *Plastic characteristics* → Page 1141
- *Elastomer characteristics* → Page 1140
- **RoHS-compliant**

**Information**

Levelling feet GN 6311.4 are normally used when a thread is present at the machine side to adjust the height.

The pin diameter  $d_3$  is smaller than the core diameter of the thread, with the effect that the screw can be turned in at the pin. The pressure pin is easily inserted into the plate, with the retaining ring ensuring that the assembly is secure in axial direction.

The static load of the levelling feet GN 6311.4 is limited by the load capacity of the grub screw (Tensile strength class 5.8). The static load values (only valid for Type OS/KS) in the above table refer to a net vertical load in relation to the ball socket. Under normal operating conditions side loading or angular loading is not uncommon and the load capacity would be considerable reduced which must be taken into consideration.

see also...

- *Ball jointed levelling feet GN 638* → Page 816

How to order  <b>GN6311.4-60-M20-88-OS</b>	<b>1</b>	$d_1$
	<b>2</b>	$d_2$
	<b>3</b>	$l_1$
	<b>4</b>	Type