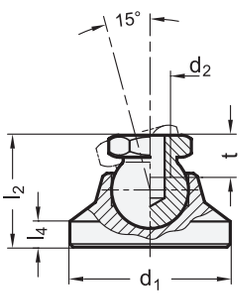
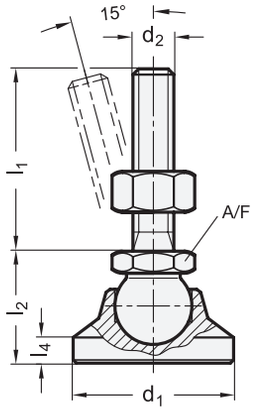
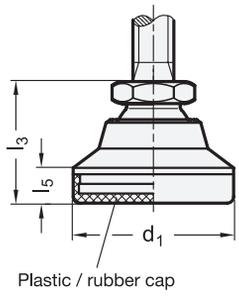
GN 343.1



GN 343.2





Metric

ESD

4	Type
OS	Without cap
KS	With plastic cap, gliding
KR	With rubber cap, non-skid
KSE	With plastic cap, gliding, ESD compliant
KRE	With rubber cap, non-skid, ESD compliant

Specification

- Base / tapped socket
  Steel, zinc plated, blue passivated finish
- Threaded stud
  Steel
  - Property class 5.8
  - Zinc plated, blue passivated finish
- Type **KS / KSE**
  Plastic cap
  Technopolymer (Polyacetal POM)
  - KS: White, RAL 9001, natural color
  - KSE: Black, electrically conductive (antistatic) ESD compliant according to DIN EN 61340-5-1 / DIN EN 61340-5-3
- Type **KR / KRE**
  Rubber cap
  Elastomer (TPE) ≈ 73 shore A
  - KR: Black
  - KRE: Black, electrically conductive (antistatic) ESD compliant according to DIN EN 61340-5-1 / DIN EN 61340-5-3
- Hex nut ISO 4032
  Steel, zinc plated, blue passivated finish
- *Strength Values of Screws* → *page 2127*
- *Plastic Characteristics* → *page 2135*
- RoHS compliant

Information

The static load capacity of GN 343.1 / GN 343.2 leveling feet results from the permissible load capacity of the threaded stud (property class 5.8).

The values for static load capacity listed in the table refer to a purely vertical load to the ball socket. Under normal operating conditions, bending loads or angular loads are not uncommon and result in a reduction of the load capacity, which must be taken into consideration.

For higher loads, GN 343.1 leveling feet can be used in conjunction with screws of a higher tensile strength. Recommended are DIN 915 dog point socket set screws. The dog point must be seated squarely at the bottom of the threaded hole, which will increase the load capacity of the ball in the socket.

Leveling feet of type KSE / KRE have a conductive plastic / rubber cap that prevents electrostatic charging. The ESD conformity has been tested and approved according to DIN EN 61340-5-1 / DIN EN 61340-5-3.

These leveling feet cannot be disassembled.

see also...
- *Product Family ESD* → *page 18*
- *Leveling Feet GN 343.3 / GN 343.4 (Plastic Base, Steel Tapped Socket / Threaded Stud)* → *page 1468*
- *Leveling Feet GN 343.5 / GN 343.6 (Stainless Steel)* → *page 1470*
- *Vibration Damping Leveling Feet GN 342.1 / GN 342.2* → *www.jwwinco.com*

How to order (Tapped socket type)

1 2 4

GN 343.1-50-M12-OS

1	**Base diameter d_1**
2	**Thread d_2**
4	**Type**

How to order (Threaded stud type)

1 2 3 4

GN 343.2-32-M10-50-KR

1	**Base diameter d_1**
2	**Thread d_2**
3	**Stud length l_1**
4	**Type**

Metric table

Dimensions in: millimeters - *inches*

d_1	d_2		l_1			l_2	l_3	l_4	l_5	A/F	t min.	Static load for (See information)	
	GN 343.1	GN 343.2										Type OS, KS, KSE	Type KR, KRE
25 *0.98*	M 6	M 6	40 *1.57*	50 *1.97*	63 *2.48*	19 *0.75*	20.5 *0.81*	4 *0.16*	5.5 *0.22*	12 *0.47*	9 *0.35*	7.5 kN *1686 lbf*	1 kN *225 lbf*
25 *0.98*	M 8	M 8	40 *1.57*	50 *1.97*	63 *2.48*	19 *0.75*	20.5 *0.81*	4 *0.16*	5.5 *0.22*	12 *0.47*	9 *0.35*	14 kN *3147 lbf*	1 kN *225 lbf*
25 *0.98*	-	M 10	50 *1.97*	63 *2.48*	80 *3.15*	19 *0.75*	20.5 *0.81*	4 *0.16*	5.5 *0.22*	12 *0.47*	-	23 kN *5171 lbf*	1 kN *225 lbf*
32 *1.26*	M 8	M 8	40 *1.57*	50 *1.97*	63 *2.48*	23 *0.91*	24.5 *0.96*	5 *0.20*	6.5 *0.26*	12 *0.47*	9 *0.35*	14 kN *3147 lbf*	2 kN *450 lbf*
32 *1.26*	M 10	M 10	50 *1.97*	63 *2.48*	80 *3.15*	23 *0.91*	24.5 *0.96*	5 *0.20*	6.5 *0.26*	15 *0.59*	10.5 *0.41*	23 kN *5171 lbf*	2 kN *450 lbf*
32 *1.26*	-	M 12	63 *2.48*	80 *3.15*	100 *3.94*	23 *0.91*	24.5 *0.96*	5 *0.20*	6.5 *0.26*	15 *0.59*	-	33 kN *7419 lbf*	2 kN *450 lbf*
40 *1.57*	-	M 8	50 *1.97*	63 *2.48*	80 *3.15*	26 *1.02*	27.5 *1.08*	6 *0.24*	7.5 *0.30*	15 *0.59*	-	14 kN *3147 lbf*	3 kN *674 lbf*
40 *1.57*	M 10	M 10	50 *1.97*	63 *2.48*	80 *3.15*	26 *1.02*	27.5 *1.08*	6 *0.24*	7.5 *0.30*	15 *0.59*	10.5 *0.41*	23 kN *5171 lbf*	3 kN *674 lbf*
40 *1.57*	M 12	M 12	63 *2.48*	80 *3.15*	100 *3.94*	26 *1.02*	27.5 *1.08*	6 *0.24*	7.5 *0.30*	17 *0.67*	11.5 *0.45*	33 kN *7419 lbf*	3 kN *674 lbf*
50 *1.97*	-	M 8	50 *1.97*	63 *2.48*	80 *3.15*	28 *1.10*	29.5 *1.16*	7 *0.28*	8.5 *0.33*	15 *0.59*	-	14 kN *3147 lbf*	5 kN *1124 lbf*
50 *1.97*	M 10	M 10	50 *1.97*	63 *2.48*	80 *3.15*	28 *1.10*	29.5 *1.16*	7 *0.28*	8.5 *0.33*	15 *0.59*	10.5 *0.41*	23 kN *5171 lbf*	5 kN *1124 lbf*
50 *1.97*	M 12	M 12	63 *2.48*	80 *3.15*	100 *3.94*	28 *1.10*	29.5 *1.16*	7 *0.28*	8.5 *0.33*	17 *0.67*	11.5 *0.45*	33 kN *7419 lbf*	5 kN *1124 lbf*
50 *1.97*	-	M 16	63 *2.48*	80 *3.15*	100 *3.94*	28 *1.10*	29.5 *1.16*	7 *0.28*	8.5 *0.33*	17 *0.67*	-	40 kN *8992 lbf*	5 kN *1124 lbf*
60 *2.36*	-	M 10	50 *1.97*	63 *2.48*	80 *3.15*	36 *1.42*	37.5 *1.48*	8.5 *0.33*	10 *0.39*	17 *0.67*	-	23 kN *5171 lbf*	7 kN *1574 lbf*
60 *2.36*	M 12	M 12	63 *2.48*	80 *3.15*	100 *3.94*	36 *1.42*	37.5 *1.48*	8.5 *0.33*	10 *0.39*	17 *0.67*	11.5 *0.45*	33 kN *7419 lbf*	7 kN *1574 lbf*
60 *2.36*	M 16	M 16	80 *3.15*	100 *3.94*	125 *4.92*	36 *1.42*	37.5 *1.48*	8.5 *0.33*	10 *0.39*	24 *0.94*	16 *0.63*	62 kN *13938 lbf*	7 kN *1574 lbf*
60 *2.36*	-	M 20	98 *3.86*	138 *5.43*	158 *6.22*	36 *1.42*	37.5 *1.48*	8.5 *0.33*	10 *0.39*	24 *0.94*	-	95 kN *21357 lbf*	7 kN *1574 lbf*
60 *2.36*	-	M 24	98 *3.86*	138 *5.43*	158 *6.22*	36 *1.42*	37.5 *1.48*	8.5 *0.33*	10 *0.39*	24 *0.94*	-	95 kN *21357 lbf*	7 kN *1574 lbf*