

# GN 21

without Mounting Holes

# GN 23

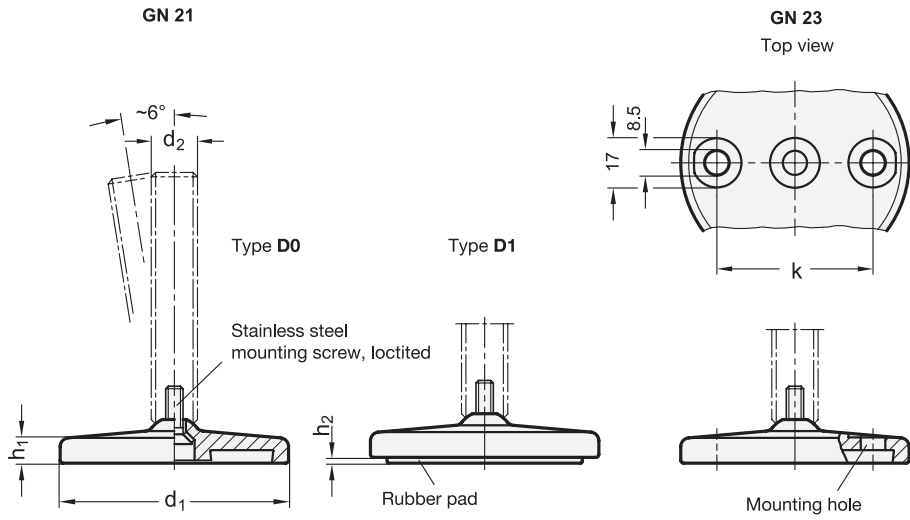
with Mounting Holes

# Leveling Feet

Stainless Steel, Tapped Socket or Threaded Stud Type



**JWWINCO**  
A Ganter Company



**SS** Stainless Steel

**4 Type (Base)**

- D0** Fine turned, without rubber pad
- D1** Fine turned, with rubber pad inlay, black

## Inch table

Dimensions in: inches - millimeters

1 d <sub>1</sub>	2 d <sub>2</sub>	3 l <sub>1</sub>				3 l <sub>7</sub>				
		Version S / SK				Version U / UK				
3.15 80	5/16 x 18	-	-	-	-	-	-	-	1.34 34	
3.15 80	3/8 x 16	2.95 75	3.94 100	4.92 125	5.91 150	-	-	-	1.46 37	
3.15 80	1/2 x 13	2.95 75	3.94 100	4.92 125	5.91 150	-	-	-	1.57 40	
3.15 80	5/8 x 11	-	-	-	-	2.95 75	3.94 100	4.92 125	5.91 150	1.81 46
3.15 80	3/4 x 10	-	-	-	-	3.94 100	4.92 125	5.91 150	-	2.13 54
3.94 100	5/16 x 18	-	-	-	-	-	-	-	-	1.38 35
3.94 100	3/8 x 16	2.95 75	3.94 100	4.92 125	5.91 150	-	-	-	-	1.50 38
3.94 100	1/2 x 13	2.95 75	3.94 100	4.92 125	5.91 150	-	-	-	-	1.61 41
3.94 100	5/8 x 11	-	-	-	-	2.95 75	3.94 100	4.92 125	5.91 150	1.85 47
3.94 100	3/4 x 10	-	-	-	-	3.94 100	4.92 125	5.91 150	-	2.17 55
4.72 120	3/4 x 10	-	-	-	-	3.94 100	4.92 125	5.91 150	-	2.32 59

d <sub>1</sub>	d <sub>2</sub>	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	h <sub>4</sub>	k	A/F <sub>1</sub>	A/F <sub>2</sub>	A/F <sub>3</sub>	A/F <sub>7</sub>	t
3.15 80	5/16 x 18	0.33 8.5	0.08 2	-	-	2.15 54.5	-	-	-	1/2	0.31 8
3.15 80	3/8 x 16	0.33 8.5	0.08 2	0.77 19.5	-	2.15 54.5	11/16	-	-	1/2	0.39 10
3.15 80	1/2 x 13	0.33 8.5	0.08 2	0.77 19.5	-	2.15 54.5	11/16	-	-	5/8	0.47 12
3.15 80	5/8 x 11	0.33 8.5	0.08 2	-	1.00 25.5	2.15 54.5	-	1/2	5/16	7/8	0.63 16
3.15 80	3/4 x 10	0.33 8.5	0.08 2	-	1.06 27	2.15 54.5	-	9/16	7/16	1	0.79 20
3.94 100	5/16 x 18	0.35 9	0.12 3	-	-	2.78 70.5	-	-	-	1/2	0.31 8
3.94 100	3/8 x 16	0.35 9	0.12 3	0.81 20.5	-	2.78 70.5	11/16	-	-	1/2	0.39 10
3.94 100	1/2 x 13	0.35 9	0.12 3	0.81 20.5	-	2.78 70.5	11/16	-	-	5/8	0.47 12
3.94 100	5/8 x 11	0.35 9	0.12 3	-	1.04 26.5	2.78 70.5	-	1/2	5/16	7/8	0.63 16
3.94 100	3/4 x 10	0.35 9	0.12 3	-	1.10 28	2.78 70.5	-	9/16	7/16	1	0.79 20
4.72 120	3/4 x 10	0.47 12	0.14 3.5	-	1.26 32	3.76 95.5	-	9/16	7/16	1	0.79 20

Stud / socket versions		
<p><b>S</b> Without nut <b>SK</b> With nut</p>	<p><b>T*</b> Without nut <b>TK*</b> With nut</p>	<p><b>U</b> Without nut <b>UK</b> With nut</p>
External hex at the bottom at d <sub>2</sub> 3/8 x 16, 1/2 x 13 M 8, M 10, M 12	Wrench flat at the bottom at d <sub>2</sub> - M 16, M 20, M 24, M 30	Internal hex at the top, wrench flat at the bottom at d <sub>2</sub> 5/8 x 11, 3/4 x 10 M 16, M 20, M 24, M 30
<p><b>V*</b> Without nut <b>VK*</b> With nut</p>	<p><b>W*</b> With adjustable sleeve</p>	<p><b>X</b> Tapped socket type</p>
External hex at the top, wrench flat at the bottom at d <sub>2</sub> - M 16, M 20, M 24	Covered thread, wrench flat at the bottom at d <sub>2</sub> - M 16, M 20, M 24	External hex with tapped socket at d <sub>2</sub> 5/16 x 18, 3/8 x 16, 1/2 x 13, 5/8 x 11, 3/4 x 10 M 8, M 10, M 12, M 16, M 20

\* Only available with Metric thread

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3.9  
3.10



**Metric table**

Dimensions in: millimeters - inches

<sup>1</sup> d <sub>1</sub>	<sup>2</sup> d <sub>2</sub>	<sup>3</sup> l <sub>1</sub> Version S / SK					Version T / TK and U / UK					<sup>3</sup> l <sub>2</sub> Version V / VK					<sup>3</sup> l <sub>3</sub> ≈ Version W					<sup>3</sup> l <sub>7</sub> Version X
80 3.15	M 8	40 1.57	50 1.97	63 2.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34 1.34	
80 3.15	M 10	50 1.97	60 2.36	80 3.15	100 3.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37 1.46	
80 3.15	M 12	60 2.36	80 3.15	100 3.94	125 4.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40 1.57	
80 3.15	M 16	-	-	-	-	75 2.95	100 3.94	125 4.92	150 5.91	200 7.87	250 9.84	75 2.95	100 3.94	125 4.92	150 5.91	118 4.65	143 5.63	168 6.61	193 7.60	46 1.81		
80 3.15	M 20	-	-	-	-	75 2.95	100 3.94	125 4.92	150 5.91	200 7.87	250 9.84	100 3.94	125 4.92	150 5.91	200 7.87	143 5.63	168 6.61	193 7.60	243 9.57	54 2.13		
80 3.15	M 24	-	-	-	-	100 3.94	125 4.92	150 5.91	200 7.87	300 11.81	-	100 3.94	150 5.91	200 7.87	-	168 6.61	218 8.58	268 10.55	-	-		
100 3.94	M 8	40 1.57	50 1.97	63 2.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35 1.38	
100 3.94	M 10	50 1.97	60 2.36	80 3.15	100 3.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38 1.50	
100 3.94	M 12	60 2.36	80 3.15	100 3.94	125 4.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41 1.61	
100 3.94	M 16	-	-	-	-	75 2.95	100 3.94	125 4.92	150 5.91	200 7.87	250 9.84	75 2.95	100 3.94	125 4.92	150 5.91	119 4.69	144 5.67	169 6.65	194 7.64	47 1.85		
100 3.94	M 20	-	-	-	-	75 2.95	100 3.94	125 4.92	150 5.91	200 7.87	250 9.84	100 3.94	125 4.92	150 5.91	200 7.87	144 5.67	169 6.65	194 7.64	244 9.61	55 2.17		
100 3.94	M 24	-	-	-	-	100 3.94	125 4.92	150 5.91	200 7.87	300 11.81	-	100 3.94	150 5.91	200 7.87	-	169 6.65	219 8.62	269 10.59	-	-		
120 4.72	M 20	-	-	-	-	75 2.95	100 3.94	125 4.92	150 5.91	200 7.87	250 9.84	-	-	-	-	-	-	-	-	-	59 2.32	
120 4.72	M 24	-	-	-	-	100 3.94	125 4.92	150 5.91	200 7.87	300 11.81	-	-	-	-	-	-	-	-	-	-	-	
120 4.72	M 30	-	-	-	-	100 3.94	125 4.92	150 5.91	200 7.87	300 11.81	-	-	-	-	-	-	-	-	-	-	-	

d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	h <sub>4</sub>	h <sub>5</sub>	k	l <sub>4</sub>	l <sub>5</sub>	l <sub>6</sub>	A/F <sub>1</sub>	A/F <sub>2</sub>	A/F <sub>3</sub>	A/F <sub>4</sub>	A/F <sub>5</sub>	A/F <sub>6</sub>	A/F <sub>7</sub>	t
80 3.15	M 8	-	8.5 0.33	2 0.08	19.5 0.77	-	-	54.5 2.15	-	-	-	17 0.67	-	-	-	-	-	14 0.55	8 0.31
80 3.15	M 10	-	8.5 0.33	2 0.08	19.5 0.77	-	-	54.5 2.15	-	-	-	17 0.67	-	-	-	-	-	14 0.55	10 0.39
80 3.15	M 12	-	8.5 0.33	2 0.08	19.5 0.77	-	-	54.5 2.15	-	-	-	17 0.67	-	-	-	-	-	17 0.67	12 0.47
80 3.15	M 16	24 0.94	8.5 0.33	2 0.08	-	25.5 1.00	21.5 0.85	54.5 2.15	45 1.77	45 1.77	29 1.14	-	12 0.47	8 0.31	10 0.39	12 0.47	20 0.79	22 0.87	16 0.63
80 3.15	M 20	30 1.18	8.5 0.33	2 0.08	-	27 1.06	23 0.91	54.5 2.15	56 2.20	56 2.20	36 1.42	-	15 0.59	10 0.39	13 0.51	16 0.63	24 0.94	27 1.06	20 0.79
80 3.15	M 24	35 1.38	8.5 0.33	2 0.08	-	30.5 1.20	26 1.02	54.5 2.15	67 2.64	67 2.64	42 1.65	-	19 0.75	12 0.47	17 0.67	20 0.79	30 1.18	-	-
100 3.94	M 8	-	9 0.35	3 0.12	20.5 0.81	-	-	70.5 2.78	-	-	-	17 0.67	-	-	-	-	-	14 0.55	8 0.31
100 3.94	M 10	-	9 0.35	3 0.12	20.5 0.81	-	-	70.5 2.78	-	-	-	17 0.67	-	-	-	-	-	14 0.55	10 0.39
100 3.94	M 12	-	9 0.35	3 0.12	20.5 0.81	-	-	70.5 2.78	-	-	-	17 0.67	-	-	-	-	-	17 0.67	12 0.47
100 3.94	M 16	24 0.94	9 0.35	3 0.12	-	26.5 1.04	22.5 0.89	70.5 2.78	45 1.77	45 1.77	32 1.26	-	12 0.47	8 0.31	10 0.39	12 0.47	20 0.79	22 0.87	16 0.63
100 3.94	M 20	30 1.18	9 0.35	3 0.12	-	28 1.10	24 0.94	70.5 2.78	56 2.20	56 2.20	40 1.57	-	15 0.59	10 0.39	13 0.51	16 0.63	24 0.94	27 1.06	20 0.79
100 3.94	M 24	35 1.38	9 0.35	3 0.12	-	31.5 1.24	27 1.06	70.5 2.78	67 2.64	67 2.64	48 1.89	-	19 0.75	12 0.47	17 0.67	20 0.79	30 1.18	-	-
120 4.72	M 20	-	12 0.47	3.5 0.14	-	32 1.26	-	95.5 3.76	-	-	-	-	15 0.59	10 0.39	-	-	-	27 1.06	20 0.79
120 4.72	M 24	-	12 0.47	3.5 0.14	-	35.5 1.40	-	95.5 3.76	-	-	-	-	19 0.75	12 0.47	-	-	-	-	-
120 4.72	M 30	-	12 0.47	3.5 0.14	-	39.5 1.56	-	95.5 3.76	-	-	-	-	24 0.94	12 0.47	-	-	-	-	-

### Specification

- Base  
Stainless steel AISI 304
- Threaded stud / tapped socket  
Stainless steel AISI 303
- Inch size hex nut ANSI / ASME B18.2.2  
Stainless steel AISI 304
- Metric size hex nut ISO 4032  
Stainless steel AISI 304
- Rubber pad inlay  
NBR (Perbunan®) 70 shore A, black
- *Load Rating Information* → page 2122
- *Plastic Characteristics* → page 2135
- *Stainless Steel Characteristics* → page 2143
- **RoHS compliant**

### On request

- Stud versions T / TK, V / VK and W with Inch thread with certain minimum quantities



### Information

GN 21 and GN 23 leveling feet have a machined base and higher load ratings. The unique design of the base with the convex mounting area for the concave ended stud provides not only the ability for the stud to swivel, but also does not allow liquids to build up as it will with other ball socket leveling feet.

These leveling feet are supplied fully assembled and cannot be disassembled.

see also...

- *Leveling Feet GN 31 (Stainless Steel)* → page 1546
- *Leveling Feet GN 41 (Stainless Steel)* → page 1520

How to order (Inch, without mounting holes)   <b>GN 21-80-5/16X18-34-D1-X</b>	1	Base diameter d <sub>1</sub>
	2	Thread d <sub>2</sub>
	3	Length l <sub>7</sub> (Length l <sub>1</sub> )
	4	Type (Base)
	5	Stud / socket version
How to order (Metric, with mounting holes)   <b>GN 23-80-M10-50-D0-S</b>	1	Base diameter d <sub>1</sub>
	2	Thread d <sub>2</sub>
	3	Length l <sub>1</sub> (Length l <sub>2</sub> , l <sub>3</sub> , l <sub>7</sub> )
	4	Type (Base)
	5	Stud / socket version

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