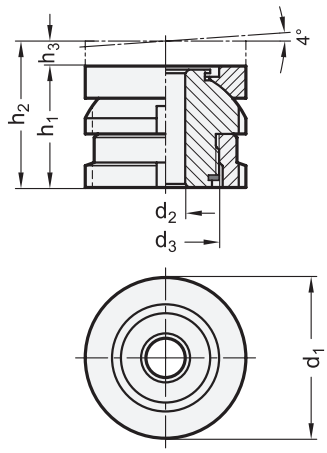
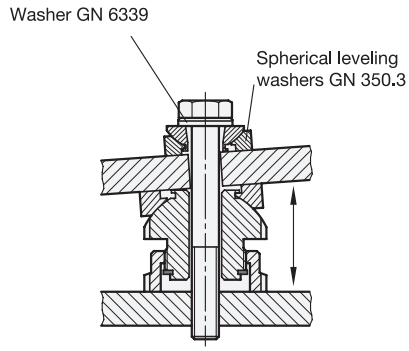
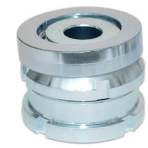
Leveling Sets

Steel / Stainless Steel, with Spherical Washer, without Lock Nut





Metric



SS Stainless Steel

Specification

Steel, 1.7225 (42 CrMo 4 V)} Zinc plated, blue passivated finish	**ST**
Stainless steel AISI 303 (X 10 CrNiS 18-9)	**NI**

RoHS

Leveling sets GN 350.2 are used for leveling, adjusting, and linking operations. The spherical washer allows precise installation of two non-parallel planes at a required gradient up to ≈ 4°.
Leveling sets consist of a threaded upper sleeve and a tapped lower sleeve. The fine thread allows stepless, precise setting and locking using a hook spanner wrench DIN 1810. A circlip limits the maximum adjustable range.

see also...	Page
GN 350 Leveling Sets (Long Model)	QVX
GN 350.1 Leveling Sets (Short Model)	QVX

Technical Information

Strength Values of Screws	QVX
Stainless Steel Characteristics	QVX

Accessory

DIN 1810 Hook Spanner Wrenches (Part number, See Table)	QVX

How to order

GN 350.2-32-11-43-NI

1	**Outer diameter d_1**
2	**Bore d_2**
3	**Height h_1**
4	**Material**

Metric table

Dimensions in: millimeters / inches

d_1	d_2	h_1		d_3	h_2		h_3 Adjustable range		For screws with thread size	Static load				Part number hook spanner wrench
										Steel		Stainless steel		
		Low type	High type		Low type	High type	Low type	High type		F_1*	F_2**	F_1*	F_2**	
25 0.98	6.6 0.26	22 0.87	35 1.38	M 15 x 1	26 1.02	50 1.97	4 0.16	15 0.59	M 6	40 kN 8992 lbf	30.7 kN 6902 lbf	27.1 kN 6092 lbf	20.26 kN 4555 lbf	DIN 1870-A25-28
32 1.26	6.6 0.26	26 1.02	43 1.69	M 20 x 1	31 1.22	63 2.48	5 0.20	20 0.79	M 6	65 kN 14613 lbf	55.7 kN 12522 lbf	43.4 kN 9757 lbf	36.56 kN 8219 lbf	DIN 1870-A30-32
32 1.26	9 0.35	26 1.02	43 1.69	M 20 x 1	31 1.22	63 2.48	5 0.20	20 0.79	M 8	65 kN 14613 lbf	48 kN 10791 lbf	43.4 kN 9757 lbf	30.86 kN 6938 lbf	DIN 1870-A30-32
32 1.26	11 0.43	26 1.02	43 1.69	M 20 x 1	31 1.22	63 2.48	5 0.20	20 0.79	M 10	65 kN 14613 lbf	37.9 kN 8520 lbf	43.4 kN 9757 lbf	23.41 kN 5263 lbf	DIN 1870-A30-32
45 1.77	11 0.43	34 1.34	54 2.13	M 30 x 1.5	41 1.61	79 3.11	7 0.28	25 0.98	M 10	120 kN 26977 lbf	92.9 kN 20885 lbf	84 kN 18884 lbf	64.01 kN 14390 lbf	DIN 1870-A45-50
45 1.77	13.5 0.53	34 1.34	54 2.13	M 30 x 1.5	41 1.61	79 3.11	7 0.28	25 0.98	M 12	120 kN 26977 lbf	80.4 kN 18075 lbf	84 kN 18884 lbf	54.82 kN 12324 lbf	DIN 1870-A45-50
45 1.77	17.5 0.69	34 1.34	54 2.13	M 30 x 1.5	41 1.61	79 3.11	7 0.28	25 0.98	M 16	120 kN 26977 lbf	45.5 kN 10229 lbf	84 kN 18884 lbf	28.9 kN 6497 lbf	DIN 1870-A45-50
58 2.28	17.5 0.69	44 1.73	70 2.76	M 40 x 1.5	53 2.09	102 4.02	9 0.35	32 1.26	M 16	210 kN 47210 lbf	136 kN 30574 lbf	148 kN 33272 lbf	92.9 kN 20885 lbf	DIN 1870-A58-62
58 2.28	22 0.87	44 1.73	70 2.76	M 40 x 1.5	53 2.09	102 4.02	9 0.35	32 1.26	M 20	210 kN 47210 lbf	90 kN 20233 lbf	148 kN 33272 lbf	59.08 kN 13282 lbf	DIN 1870-A58-62
58 2.28	26 1.02	44 1.73	70 2.76	M 40 x 1.5	53 2.09	102 4.02	9 0.35	32 1.26	M 24	210 kN 47210 lbf	37 kN 8318 lbf	148 kN 33272 lbf	20.3 kN 4564 lbf	DIN 1870-A58-62
70 2.76	22 0.87	50 1.97	83 3.27	M 50 x 1.5	60 2.36	123 4.84	10 0.39	40 1.57	M 20	330 kN 74187 lbf	210 kN 47210 lbf	225 kN 50582 lbf	136.08 kN 30592 lbf	DIN 1870-A68-75
70 2.76	26 1.02	50 1.97	83 3.27	M 50 x 1.5	60 2.36	123 4.84	10 0.39	40 1.57	M 24	330 kN 74187 lbf	157 kN 35295 lbf	225 kN 50582 lbf	97.3 kN 21874 lbf	DIN 1870-A68-75
70 2.76	33 1.30	50 1.97	83 3.27	M 50 x 1.5	60 2.36	123 4.84	10 0.39	40 1.57	M 30	330 kN 74187 lbf	53 kN 11915 lbf	225 kN 50582 lbf	20.6 kN 4631 lbf	DIN 1870-A68-75
80 3.15	26 1.02	56 2.20	94 3.70	M 60 x 2	68 2.68	144 5.67	12 0.47	50 1.97	M 24	495 kN 111280 lbf	322 kN 72388 lbf	323 kN 72613 lbf	195.3 kN 43905 lbf	DIN 1870-A80-90
80 3.15	33 1.30	56 2.20	94 3.70	M 60 x 2	68 2.68	144 5.67	12 0.47	50 1.97	M 30	495 kN 111280 lbf	218 kN 49008 lbf	323 kN 72613 lbf	118.6 kN 26662 lbf	DIN 1870-A80-90
80 3.15	39 1.54	56 2.20	94 3.70	M 60 x 2	68 2.68	144 5.67	12 0.47	50 1.97	M 36	495 kN 111280 lbf	101 kN 22706 lbf	323 kN 72613 lbf	38.2 kN 8588 lbf	DIN 1870-A80-90

* Max. total load ** Max. load after deduction of the max. preload, for ST for screws 8.8 (μ = 0,125), for NI for screws 6.8 (μ = 0.14)