

SS Stainless Steel

3 Type

A Without lock nut
AK With lock nut

Specification



- Steel, zinc plated, blue passivated finish **ST**
European Standard No. 1.7225 (42CrMo4V)
- Stainless steel AISI 303 **NI**
- F₁: max. total load
- F₂: max. load after deduction of max. preload
 - For screws 8.8, $\mu = 0.125$ (steel)
 - For screws 6.8, $\mu = 0.14$ (stainless steel)
- *Stainless Steel Characteristics* → page 2143
- [RoHS compliant](#)

Information

GN 350 leveling sets are used for leveling, adjusting, and linking operations. They consist of a threaded upper sleeve and a tapped lower sleeve. The fine thread allows stepless, precise setting and locking using a DIN 1810 hook spanner wrench. A circlip limits the maximum adjustable range. Normally the screw is permanently secured by the static load created when tightening the mounting screw. If this is not sufficient or if no mounting screw is used, the use of a lock nut (type AK) is recommended.


Accessory

- Hook spanner wrenches DIN 1810
(Part number, see table)

How to order GN 350-45-13.5-AK-ST	1 Outer diameter d ₁
	2 Bore d ₂
	3 Type
	4 Material

Metric table

Dimensions in: millimeters - inches

d ₁	d ₂	d ₃	h ₁		h ₂	h ₃ Adjustable range		For screws with thread size	Static load Steel		Stainless steel		Part number hook spanner wrench 
			Type A	Type AK		Type A	Type AK		F ₁	F ₂	F ₁	F ₂	
25 0.98	6.6 0.26	M 15 x 1	28 1.10	33 1.30	43 1.69	15 0.59	10 0.39	M 6	40 kN 8992 lbf	30.7 kN 6902 lbf	27.1 kN 6092 lbf	20.2 kN 4541 lbf	DIN 1810-A25-28
32 1.26	6.6 0.26	M 20 x 1	35 1.38	41 1.61	55 2.17	20 0.79	14 0.55	M 6	65 kN 14613 lbf	55.7 kN 12522 lbf	43.4 kN 9757 lbf	36.5 kN 8206 lbf	DIN 1810-A30-32
32 1.26	9 0.35	M 20 x 1	35 1.38	41 1.61	55 2.17	20 0.79	14 0.55	M 8	65 kN 14613 lbf	48 kN 10791 lbf	43.4 kN 9757 lbf	30.8 kN 6924 lbf	DIN 1810-A30-32
32 1.26	11 0.43	M 20 x 1	35 1.38	41 1.61	55 2.17	20 0.79	14 0.55	M 10	65 kN 14613 lbf	37.9 kN 8520 lbf	43.4 kN 9757 lbf	23.4 kN 5261 lbf	DIN 1810-A30-32
45 1.77	11 0.43	M 30 x 1.5	42 1.65	49 1.93	67 2.64	25 0.98	18 0.71	M 10	120 kN 26977 lbf	92.9 kN 20885 lbf	84 kN 18884 lbf	64 kN 14388 lbf	DIN 1810-A45-50
45 1.77	13.5 0.53	M 30 x 1.5	42 1.65	49 1.93	67 2.64	25 0.98	18 0.71	M 12	120 kN 26977 lbf	80.4 kN 18075 lbf	84 kN 18884 lbf	54.8 kN 12320 lbf	DIN 1810-A45-50
45 1.77	17.5 0.69	M 30 x 1.5	42 1.65	49 1.93	67 2.64	25 0.98	18 0.71	M 16	120 kN 26977 lbf	45.5 kN 10229 lbf	84 kN 18884 lbf	28.9 kN 6497 lbf	DIN 1810-A45-50
58 2.28	17.5 0.69	M 40 x 1.5	54 2.13	63 2.48	86 3.39	32 1.26	23 0.91	M 16	210 kN 47210 lbf	136 kN 30574 lbf	148 kN 33272 lbf	92.9 kN 20885 lbf	DIN 1810-A58-62
58 2.28	22 0.87	M 40 x 1.5	54 2.13	63 2.48	86 3.39	32 1.26	23 0.91	M 20	210 kN 47210 lbf	90 kN 20233 lbf	148 kN 33272 lbf	59 kN 13264 lbf	DIN 1810-A58-62
58 2.28	26 1.02	M 40 x 1.5	54 2.13	63 2.48	86 3.39	32 1.26	23 0.91	M 24	210 kN 47210 lbf	37 kN 8318 lbf	148 kN 33272 lbf	20.3 kN 4564 lbf	DIN 1810-A58-62
70 2.76	22 0.87	M 50 x 1.5	66 2.60	77 3.03	106 4.17	40 1.57	29 1.14	M 20	330 kN 74187 lbf	210 kN 47210 lbf	225 kN 50582 lbf	136 kN 30574 lbf	DIN 1810-A68-75
70 2.76	26 1.02	M 50 x 1.5	66 2.60	77 3.03	106 4.17	40 1.57	29 1.14	M 24	330 kN 74187 lbf	157 kN 35295 lbf	225 kN 50582 lbf	97.3 kN 21874 lbf	DIN 1810-A68-75
70 2.76	33 1.30	M 50 x 1.5	66 2.60	77 3.03	106 4.17	40 1.57	29 1.14	M 30	330 kN 74187 lbf	53 kN 11915 lbf	225 kN 50582 lbf	20.6 kN 4631 lbf	DIN 1810-A68-75
80 3.15	26 1.02	M 60 x 2	76 2.99	87 3.43	126 4.96	50 1.97	39 1.54	M 24	495 kN 111280 lbf	322 kN 72388 lbf	323 kN 72613 lbf	195.3 kN 43905 lbf	DIN 1810-A80-90
80 3.15	33 1.30	M 60 x 2	76 2.99	87 3.43	126 4.96	50 1.97	39 1.54	M 30	495 kN 111280 lbf	218 kN 49008 lbf	323 kN 72613 lbf	118.6 kN 26662 lbf	DIN 1810-A80-90
80 3.15	39 1.54	M 60 x 2	76 2.99	87 3.43	126 4.96	50 1.97	39 1.54	M 36	495 kN 111280 lbf	101 kN 22706 lbf	323 kN 72613 lbf	38.2 kN 8588 lbf	DIN 1810-A80-90