

## Setting bolts

### SPECIFICATION

#### Types

- Type **AK**: Locating surface with rounded end, hardened
- Type **BK**: Locating surface with Polyurethan disc

#### Screw

Steel, tensile strength class 5.8

#### Type AK

blackened

Locating surface, hardened (HRC 45)

#### Type BK

nickel plated

Polyurethan disc, 90 Shore

Hexagon nut

Steel zinc plated, blue passivated

### INFORMATION

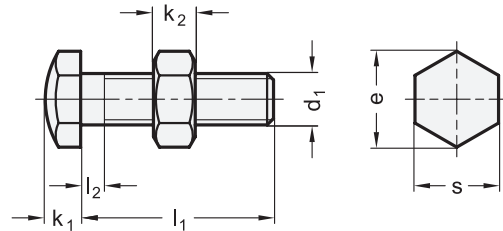
Setting bolts GN 251 are produced with a hardened and rounded head which can be used as support or setting bolt as an end stop. The version with Polyurethan disc (Type BK) functions as damping element or protection for sensitive surfaces.

### TECHNICAL INFORMATION

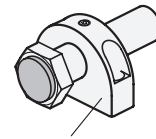
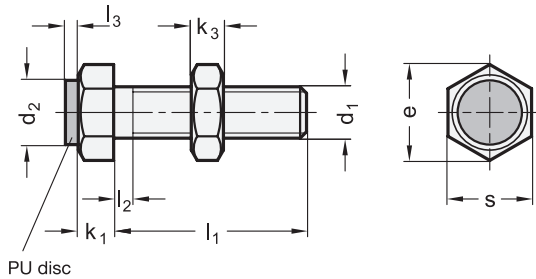
- Strength values of screws (see page A20)



Type AK




Type BK




Mounting block GN 412.1

### GN 251-AK

Description	d1	l1	e	k1	k2	l2 max.	s	
GN 251-M3-10-AK	M 3	10	6.4	2	2.4	1.5	5.5	1
GN 251-M3-15-AK	M 3	15	6.4	2	2.4	1.5	5.5	1
GN 251-M3-20-AK	M 3	20	6.4	2	2.4	1.5	5.5	2
GN 251-M3-25-AK	M 3	25	6.4	2	2.4	1.5	5.5	2
GN 251-M3-30-AK	M 3	30	6.4	2	2.4	1.5	5.5	2
GN 251-M4-10-AK	M 4	10	8.1	2.8	3.2	2.1	7	2
GN 251-M4-15-AK	M 4	15	8.1	2.8	3.2	2.1	7	3
GN 251-M4-20-AK	M 4	20	8.1	2.8	3.2	2.1	7	3
GN 251-M4-25-AK	M 4	25	8.1	2.8	3.2	2.1	7	3
GN 251-M4-30-AK	M 4	30	8.1	2.8	3.2	2.1	7	4
GN 251-M4-35-AK	M 4	35	8.1	2.8	3.2	2.1	7	4
GN 251-M4-40-AK	M 4	40	8.1	2.8	3.2	2.1	7	4
GN 251-M5-10-AK	M 5	10	9.2	3.5	4	2.4	8	4
GN 251-M5-15-AK	M 5	15	9.2	3.5	4	2.4	8	4
GN 251-M5-20-AK	M 5	20	9.2	3.5	4	2.4	8	5
GN 251-M5-25-AK	M 5	25	9.2	3.5	4	2.4	8	5
GN 251-M5-30-AK	M 5	30	9.2	3.5	4	2.4	8	6
GN 251-M5-35-AK	M 5	35	9.2	3.5	4	2.4	8	6
GN 251-M5-40-AK	M 5	40	9.2	3.5	4	2.4	8	7
GN 251-M5-50-AK	M 5	50	9.2	3.5	4	2.4	8	8
GN 251-M6-15-AK	M 6	15	11.5	4	5	3	10	7
GN 251-M6-20-AK	M 6	20	11.5	4	5	3	10	8
GN 251-M6-25-AK	M 6	25	11.5	4	5	3	10	9
GN 251-M6-30-AK	M 6	30	11.5	4	5	3	10	10
GN 251-M6-35-AK	M 6	35	11.5	4	5	3	10	11
GN 251-M6-40-AK	M 6	40	11.5	4	5	3	10	12
GN 251-M6-50-AK	M 6	50	11.5	4	5	3	10	14
GN 251-M8-15-AK	M 8	15	15	5.5	6.5	3.7	13	15
GN 251-M8-20-AK	M 8	20	15	5.5	6.5	3.7	13	16
GN 251-M8-25-AK	M 8	25	15	5.5	6.5	3.7	13	18
GN 251-M8-30-AK	M 8	30	15	5.5	6.5	3.7	13	19
GN 251-M8-35-AK	M 8	35	15	5.5	6.5	3.7	13	20
GN 251-M8-40-AK	M 8	40	15	5.5	6.5	3.7	13	23
GN 251-M8-50-AK	M 8	50	15	5.5	6.5	3.7	13	27
GN 251-M8-60-AK	M 8	60	15	5.5	6.5	3.7	13	28
GN 251-M8-70-AK	M 8	70	15	5.5	6.5	3.7	13	32
GN 251-M8-80-AK	M 8	80	15	5.5	6.5	3.7	13	35
GN 251-M10-30-AK	M 10	30	19.6	7	8	4.5	17	36
GN 251-M10-35-AK	M 10	35	19.6	7	8	4.5	17	36
GN 251-M10-40-AK	M 10	40	19.6	7	8	4.5	17	36
GN 251-M10-50-AK	M 10	50	19.6	7	8	4.5	17	48
GN 251-M10-60-AK	M 10	60	19.6	7	8	4.5	17	54
GN 251-M10-70-AK	M 10	70	19.6	7	8	4.5	17	61
GN 251-M10-80-AK	M 10	80	19.6	7	8	4.5	17	61
GN 251-M12-30-AK	M 12	30	21.9	8	10	5.2	19	53
GN 251-M12-35-AK	M 12	35	21.9	8	10	5.2	19	56
GN 251-M12-40-AK	M 12	40	21.9	8	10	5.2	19	60
GN 251-M12-50-AK	M 12	50	21.9	8	10	5.2	19	67
GN 251-M12-60-AK	M 12	60	21.9	8	10	5.2	19	78
GN 251-M12-70-AK	M 12	70	21.9	8	10	5.2	19	87
GN 251-M12-80-AK	M 12	80	21.9	8	10	5.2	19	89
GN 251-M16-50-AK	M 16	50	27.7	10	13	6	24	127
GN 251-M16-60-AK	M 16	60	27.7	10	13	6	24	142
GN 251-M16-70-AK	M 16	70	27.7	10	13	6	24	158
GN 251-M16-80-AK	M 16	80	27.7	10	13	6	24	174

### GN 251-BK

Description	d1	l1	d2	e	k1	k3	l2 max.	l3	s	
GN 251-M4-15-BK	M 4	15	5	8.1	2.8	2.4	2.1	1.5	7	2
GN 251-M4-20-BK	M 4	20	5	8.1	2.8	2.4	2.1	1.5	7	3
GN 251-M4-25-BK	M 4	25	5	8.1	2.8	2.4	2.1	1.5	7	3
GN 251-M4-30-BK	M 4	30	5	8.1	2.8	2.4	2.1	1.5	7	3
GN 251-M4-35-BK	M 4	35	5	8.1	2.8	2.4	2.1	1.5	7	4
GN 251-M4-40-BK	M 4	40	5	8.1	2.8	2.4	2.1	1.5	7	4
GN 251-M5-15-BK	M 5	15	6	9.2	3.5	3.2	2.4	1.5	8	4
GN 251-M5-20-BK	M 5	20	6	9.2	3.5	3.2	2.4	1.5	8	4
GN 251-M5-25-BK	M 5	25	6	9.2	3.5	3.2	2.4	1.5	8	5
GN 251-M5-30-BK	M 5	30	6	9.2	3.5	3.2	2.4	1.5	8	6
GN 251-M5-35-BK	M 5	35	6	9.2	3.5	3.2	2.4	1.5	8	6
GN 251-M5-40-BK	M 5	40	6	9.2	3.5	3.2	2.4	1.5	8	7
GN 251-M6-20-BK	M 6	20	8	11.5	4	3.6	3	2	10	7
GN 251-M6-25-BK	M 6	25	8	11.5	4	3.6	3	2	10	8
GN 251-M6-30-BK	M 6	30	8	11.5	4	3.6	3	2	10	9
GN 251-M6-35-BK	M 6	35	8	11.5	4	3.6	3	2	10	10
GN 251-M6-40-BK	M 6	40	8	11.5	4	3.6	3	2	10	10
GN 251-M6-45-BK	M 6	45	8	11.5	4	3.6	3	2	10	11
GN 251-M6-50-BK	M 6	50	8	11.5	4	3.6	3	2	10	12
GN 251-M8-20-BK	M 8	20	10	15	5.5	5	3.7	2	13	15
GN 251-M8-25-BK	M 8	25	10	15	5.5	5	3.7	2	13	16
GN 251-M8-30-BK	M 8	30	10	15	5.5	5	3.7	2	13	18
GN 251-M8-35-BK	M 8	35	10	15	5.5	5	3.7	2	13	20
GN 251-M8-40-BK	M 8	40	10	15	5.5	5	3.7	2	13	21
GN 251-M8-45-BK	M 8	45	10	15	5.5	5	3.7	2	13	23
GN 251-M8-50-BK	M 8	50	10	15	5.5	5	3.7	2	13	24
GN 251-M10-20-BK	M 10	20	13	19.6	7	6	4.5	2	17	29
GN 251-M10-25-BK	M 10	25	13	19.6	7	6	4.5	2	17	31
GN 251-M10-30-BK	M 10	30	13	19.6	7	6	4.5	2	17	34
GN 251-M10-35-BK	M 10	35	13	19.6	7	6	4.5	2	17	36
GN 251-M10-40-BK	M 10	40	13	19.6	7	6	4.5	2	17	39
GN 251-M10-45-BK	M 10	45	13	19.6	7	6	4.5	2	17	41
GN 251-M10-50-BK	M 10	50	13	19.6	7	6	4.5	2	17	43



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Machine elements